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ANALYTICAL REPORT

PREPARED FOR

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JOB DESCRIPTION

Vo-Toys, Harrison, NJ Site

JOB NUMBER

460-278409-1

Eurofins Edison
777 New Durham Road
Edison NJ 08817

See page two for job notes and contact information.

my EOL

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

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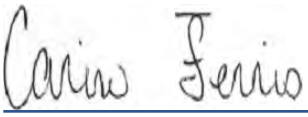

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CASE NARRATIVE

Client: WSP USA Environment & Infrastructure Inc.

Project: Vo-Toys, Harrison, NJ Site

Report Number: 460-278409-1

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

RECEIPT

The samples were received on 4/17/2023 3:17 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.0º C and 2.5º C.

Receipt Exceptions

The following samples were activated for Hg by the client on 4/21/23: WC-A-E-1(0-3)a (460-278409-2), WC-A-E-1(0-3)b (460-278409-3), WC-A-E-1(0-3)c (460-278409-4), WC-A-E-1(0-3)d (460-278409-5), WC-A-E-1(0-3)e (460-278409-6), WC-A-E-2(0-3)a (460-278409-8), WC-A-E-2(0-3)b (460-278409-9), WC-A-E-2(0-3)c (460-278409-10), WC-A-E-2(0-3)d (460-278409-11), WC-A-E-2(0-3)e (460-278409-12), WC-A-E-3(0-3)a (460-278409-14), WC-A-E-3(0-3)b (460-278409-15), WC-A-E-3(0-3)c (460-278409-16), WC-A-E-3(0-3)d (460-278409-17), WC-A-E-4(0-3)a (460-278409-20), WC-A-E-4(0-3)b (460-278409-21), WC-A-E-4(0-3)c (460-278409-22) and WC-A-E-4(0-3)e (460-278409-24).

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

TCLP VOLATILE ORGANIC COMPOUNDS

Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for TCLP Volatile Organic Compounds in accordance with EPA SW-846 Method 8260D - TCLP/1311. The samples were leached on 04/19/2023 and analyzed on 04/20/2023.

Samples WC-A-E-1(0-3) (460-278409-1)[10X], WC-A-E-2(0-3) (460-278409-7)[10X], WC-A-E-3(0-3) (460-278409-13)[10X] and WC-A-E-4(0-3) (460-278409-19)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the TCLP volatiles analysis.

All quality control parameters were within the acceptance limits.

TCLP CHLORINATED HERBICIDES

Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for TCLP chlorinated herbicides in accordance with EPA SW-846 Methods 1311/ 8151A. The samples were leached on 04/19/2023, prepared on 04/20/2023 and analyzed on 04/21/2023.

No difficulties were encountered during the TCLP herbicides analysis.

All quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS) (TCLP)

Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Semivolatile Organic Compounds (GC/MS) (TCLP) in accordance with EPA SW-846 Methods 8270E - TCLP/1311. The samples were leached on 04/19/2023, prepared on 04/20/2023 and analyzed on 04/21/2023.

No difficulties were encountered during the TCLP semivolatiles analysis.

All quality control parameters were within the acceptance limits.

GASOLINE RANGE ORGANICS
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for gasoline range organics in accordance with EPA SW-846 Method 8015D - GRO. The samples were prepared and analyzed on 04/19/2023.

No difficulties were encountered during the GRO analysis.

All quality control parameters were within the acceptance limits.

DIESEL RANGE ORGANICS
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for diesel range organics in accordance with EPA SW-846 Method 8015D - DRO. The samples were prepared on 04/20/2023 and analyzed on 04/21/2023.

o-Terphenyl failed the surrogate recovery criteria high for WC-A-E-1(0-3) (460-278409-1). o-Terphenyl failed the surrogate recovery criteria high for WC-A-E-2(0-3) (460-278409-7). Refer to the QC report for details.

Samples WC-A-E-1(0-3) (460-278409-1)[10X] and WC-A-E-2(0-3) (460-278409-7)[5X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the DRO analysis.

All other quality control parameters were within the acceptance limits.

TCLP PESTICIDES
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for TCLP pesticides in accordance with EPA SW-846 Methods 1311/ 8081B. The samples were leached on 04/19/2023, prepared on 04/20/2023 and analyzed on 04/21/2023.

Heptachlor failed the recovery criteria high for LCS 460-903966/2-A. Refer to the QC report for details.

The DCB Decachlorobiphenyl surrogate recovery for the following samples was outside acceptance limits (low biased) on the primary column: (CCVIS 460-904119/3). The recovery is within acceptance limits on the other column, therefore the data have been reported.

No difficulties were encountered during the TCLP pesticides analysis.

All quality control parameters were within the acceptance limits.

POLYCHLORINATED BIPHENYLS
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for polychlorinated biphenyls in accordance with EPA SW-846 Method 8082A. The samples were prepared on 04/19/2023 and analyzed on 04/20/2023.

No difficulties were encountered during the PCBs analysis.

All quality control parameters were within the acceptance limits.

METALS - TCLP
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Metals - TCLP in accordance with EPA SW-846 Method 6020B - TCLP/1311. The samples were leached on 04/19/2023, prepared on 04/20/2023 and analyzed on 04/21/2023.

No difficulties were encountered during the TCLP Metals analysis.

All quality control parameters were within the acceptance limits.

MERCURY - TCLP
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Mercury - TCLP in accordance with EPA SW-846 Methods 1311/7470A. The samples were leached on 04/19/2023, and prepared and analyzed on 04/20/2023.

No difficulties were encountered during the TCLP Hg analysis.

All quality control parameters were within the acceptance limits.

MERCURY - TOTAL
Samples WC-A-E-1(0-3)a (460-278409-2), WC-A-E-1(0-3)b (460-278409-3), WC-A-E-1(0-3)c (460-278409-4), WC-A-E-1(0-3)d (460-278409-5), WC-A-E-1(0-3)e (460-278409-6), WC-A-E-2(0-3)a (460-278409-8), WC-A-E-2(0-3)b (460-278409-9), WC-A-E-2(0-3)c (460-278409-10), WC-A-E-2(0-3)d (460-278409-11), WC-A-E-2(0-3)e (460-278409-12), WC-A-E-3(0-3)a (460-278409-14), WC-A-E-3(0-3)b (460-278409-15), WC-A-E-3(0-3)c (460-278409-16), WC-A-E-3(0-3)d (460-278409-17), WC-A-E-3(0-3)e (460-278409-18), WC-A-E-4(0-3)a (460-278409-20), WC-A-E-4(0-3)b (460-278409-21), WC-A-E-4(0-3)c (460-278409-22), WC-A-E-4(0-3)d (460-278409-23) and WC-A-E-4(0-3)e (460-278409-24) were analyzed for Mercury - Total in accordance with EPA SW-846 Method 7471B. The samples were prepared and analyzed on 04/24/2023.

Mercury failed the recovery criteria high for the MS of sample WC-A-E-1(0-3)aMS (460-278409-2) in batch 460-904815.

Samples WC-A-E-1(0-3)a (460-278409-2)[5X], WC-A-E-2(0-3)a (460-278409-8)[3X], WC-A-E-4(0-3)c (460-278409-22)[20X], WC-A-E-4(0-3)d (460-278409-23)[20X] and WC-A-E-4(0-3)e (460-278409-24)[20X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the Hg analysis.

All other quality control parameters were within the acceptance limits.

IGNITABILITY
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Ignitability in accordance with EPA SW-846 Method 1030. The samples were analyzed on 04/19/2023.

No difficulties were encountered during the Ignitability analysis.

All quality control parameters were within the acceptance limits.

TOTAL SOLIDS
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Total Solids in accordance with SM 2540G. The samples were analyzed on 04/19/2023.

Total Volatile Solids exceeded the RPD limit for the duplicate of sample WC-A-E-1(0-3)DU (460-278409-1). Refer to the QC report for details.

No other difficulties were encountered during the TS analysis.

All other quality control parameters were within the acceptance limits.

REACTIVE CYANIDE
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for reactive cyanide in accordance with EPA SW-846 Method 7.3.3/9014. The samples were prepared and analyzed on 04/19/2023.

No difficulties were encountered during the reactive cyanide analysis.

All quality control parameters were within the acceptance limits.

REACTIVE SULFIDE
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for reactive sulfide in accordance with EPA SW-846 Method 7.3.4/9034. The samples were prepared and analyzed on 04/19/2023.

Sulfide, Reactive failed the recovery criteria low for the MS of sample 460-278396-3 in batch 460-904050.

Sulfide, Reactive failed the recovery criteria low for the MSD of sample 460-278396-3 in batch 460-904050.

Refer to the QC report for details.

No other difficulties were encountered during the reactive sulfide analysis.

All other quality control parameters were within the acceptance limits.

PH (TCLP)
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for pH (TCLP) in accordance with EPA SW-846 Method 9040C/1311. The samples were leached on 04/19/2023 and analyzed on 04/20/2023.

No difficulties were encountered during the pH analysis.

All quality control parameters were within the acceptance limits.

CORROSIVITY (PH)
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for corrosivity (pH) in accordance with EPA SW-846 Method 9045D. The samples were analyzed on 04/21/2023.

This analysis is normally performed in the field and has a method-defined holding time of 15 minutes. The following samples has been qualified with the "HF" flag to indicate analysis was performed in the laboratory outside the 15 minute timeframe: WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13), WC-A-E-4(0-3) (460-278409-19), (460-278156-A-1) and (460-278156-A-1 DU).

No difficulties were encountered during the corrosivity (pH) analysis.

All quality control parameters were within the acceptance limits.

OIL AND GREASE
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for oil and grease in accordance with EPA SW-846 Method 9017B. The samples were prepared on 04/24/2023 and analyzed on 04/25/2023.

Analysis for Hexane Extractable Material (HEM) was performed for the following sample: (460-278491-A-1). Since the HEM result(s) was below the reporting limit (RL), the result(s) for Silica Gel Treated - Hexane Extractable Material (SGT-HEM) was reported as a non-detect. All HEM quality control criteria were met.

No difficulties were encountered during the oil and grease analysis.

All quality control parameters were within the acceptance limits.

PAINT FILTER
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Paint Filter in accordance with EPA SW-846 Method 9095B. The samples were analyzed on 04/21/2023.

No difficulties were encountered during the Free Liquids analysis.

All quality control parameters were within the acceptance limits.

PERCENT SOLIDS/PERCENT MOISTURE
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-1(0-3)a (460-278409-2), WC-A-E-1(0-3)b (460-278409-3), WC-A-E-1(0-3)c (460-278409-4), WC-A-E-1(0-3)d (460-278409-5), WC-A-E-1(0-3)e (460-278409-6), WC-A-E-2(0-3) (460-278409-7), WC-A-E-2(0-3)a (460-278409-8), WC-A-E-2(0-3)b (460-278409-9), WC-A-E-2(0-3)c (460-278409-10), WC-A-E-2(0-3)d (460-278409-11), WC-A-E-2(0-3)e (460-278409-12), WC-A-E-3(0-3) (460-278409-13), WC-A-E-3(0-3)a (460-278409-14), WC-A-E-3(0-3)b (460-278409-15), WC-A-E-3(0-3)c (460-278409-16), WC-A-E-3(0-3)d (460-278409-17), WC-A-E-3(0-3)e (460-278409-18), WC-A-E-4(0-3) (460-278409-19), WC-A-E-4(0-3)a (460-278409-20), WC-A-E-4(0-3)b (460-278409-21), WC-A-E-4(0-3)c (460-278409-22), WC-A-E-4(0-3)d (460-278409-23) and WC-A-E-4(0-3)e (460-278409-24) were analyzed for percent solids/percent moisture in accordance with EPA Method CLPISM01.2 (Exhibit D) Modified. The samples were analyzed on 04/19/2023 and 04/21/2023.

Percent Moisture exceeded the RPD limit for the duplicate of sample 460-278408-2. Percent Moisture exceeded the RPD limit for the duplicate of sample 460-278409-21. Refer to the QC report for details.

No other difficulties were encountered during the %solids/moisture analysis.

All other quality control parameters were within the acceptance limits.

NITROGEN, AMMONIA
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Nitrogen, Ammonia in accordance with D3987-85/ASTM Method D516. The samples were leached on 04/19/2023 and analyzed on 04/21/2023.

No difficulties were encountered during the Nitrogen, Ammonia analysis.

All quality control parameters were within the acceptance limits.

Ammonia (as N) failed the recovery criteria low for the MS of sample 460-278559-2 in batch 460-904470.

Ammonia (as N) failed the recovery criteria low for the MSD of sample 460-278559-2 in batch 460-904470.

OIL & GREASE/SGTHEM - ASTM
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Oil & Grease/SGTHEM - ASTM in accordance with 1664A_NP. The samples were leached on 04/19/2023 and analyzed on 04/24/2023.

No difficulties were encountered during the Oil & Grease/SGTHEM - ASTM analysis.

All quality control parameters were within the acceptance limits.

ASTM CHEMICAL OXYGEN DEMAND
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for ASTM Chemical Oxygen Demand in accordance with D3987-85/ASTM Method D516. The samples were leached on 04/19/2023 and analyzed on 04/21/2023.

No difficulties were encountered during the ASTM Chemical Oxygen Demand analysis.

All quality control parameters were within the acceptance limits.

TOTAL SOLIDS - ASTM
Samples WC-A-E-1(0-3) (460-278409-1), WC-A-E-2(0-3) (460-278409-7), WC-A-E-3(0-3) (460-278409-13) and WC-A-E-4(0-3) (460-278409-19) were analyzed for Total Solids - ASTM in accordance with SM2540B. The samples were leached on 04/19/2023 and analyzed on 04/20/2023.

No difficulties were encountered during the Total Solids - ASTM analysis.

All quality control parameters were within the acceptance limits.

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name: Eurofins Edison

Client: WSP USA Environment & Infrastructure Inc.

Project Location: Vo-Toys, Harrison, NJ Site

Project Number: 460-278409-1

Laboratory Sample ID(s):

Sampling Date(s):

List DKQP Methods Used:

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☑Yes ☐No
1A	Were the method specified handling, preservation, and holding time requirements met?	☐Yes ☐No ☑ See case narrative
1B	*EPH Method:* Was the EPH method conducted without significant modifications? (see Section 11.3 of respective DKQ methods)	☐Yes ☐No ☑N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody documents(s)?	☐Yes ☐No ☑ See case narrative
3	Were samples received at an appropriate temperature (4±2° C)?	☑Yes ☐No ☐N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☑Yes ☐No
5	a) Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt?	☐Yes ☐No ☑ See case narrative
	b) Were these reporting limits met?	☐Yes ☐No ☐N/A ☑ See case narrative
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☑Yes ☐No
7	Are project-specific matrix spike and/or laboratory duplicates included in this data set?	☐Yes ☑No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet requirements for "Data of Known Quality."

8260D

Volatile Organic Compounds by GC/MS

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
WC-A-E-1(0-3)	460-278409-1	102	100	102	97
WC-A-E-2(0-3)	460-278409-7	103	99	103	98
WC-A-E-3(0-3)	460-278409-13	109	105	104	100
WC-A-E-4(0-3)	460-278409-19	110	106	108	104
	MB 460-904152/8	105	96	95	92
	LB 460-903903/1-A	111	110	101	104
	LCS 460-904152/4	100	102	107	96
	LCSD 460-904152/5	104	102	112	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low

GC Column (1): Rtx-624 ID: 0.25(mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
	MB 460-904131/9	112	109	101	104
	LCS 460-904131/4	112	107	101	106
	LCSD 460-904131/5	112	110	99	105

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	77-124
DCA = 1,2-Dichloroethane-d4 (Surr)	70-128
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene	76-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89087.D

Lab ID: LCS 460-904131/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0200	0.0222	111	68-133	
1,2-Dichloroethane	0.0200	0.0206	103	66-129	
2-Butanone (MEK)	0.100	0.107	107	61-128	
Benzene	0.0200	0.0191	96	71-126	
Carbon tetrachloride	0.0200	0.0201	100	61-131	
Chlorobenzene	0.0200	0.0202	101	80-120	
Chloroform	0.0200	0.0214	107	78-125	
Tetrachloroethene	0.0200	0.0212	106	70-127	
Trichloroethene	0.0200	0.0200	100	71-121	
Vinyl chloride	0.0200	0.0206	103	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V35746.D

Lab ID: LCS 460-904152/4 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
1,1-Dichloroethene	0.0200	0.0216	108	68-133	
1,2-Dichloroethane	0.0200	0.0204	102	66-129	
2-Butanone (MEK)	0.100	0.0958	96	61-128	
Benzene	0.0200	0.0229	115	71-126	
Carbon tetrachloride	0.0200	0.0201	100	61-131	
Chlorobenzene	0.0200	0.0217	108	80-120	
Chloroform	0.0200	0.0206	103	78-125	
Tetrachloroethene	0.0200	0.0193	97	70-127	
Trichloroethene	0.0200	0.0209	104	71-121	
Vinyl chloride	0.0200	0.0222	111	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: J89088.D

Lab ID: LCSD 460-904131/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0200	0.0227	114	2	30	68-133	
1,2-Dichloroethane	0.0200	0.0217	108	5	30	66-129	
2-Butanone (MEK)	0.100	0.110	110	3	30	61-128	
Benzene	0.0200	0.0199	100	4	30	71-126	
Carbon tetrachloride	0.0200	0.0210	105	4	30	61-131	
Chlorobenzene	0.0200	0.0203	102	1	30	80-120	
Chloroform	0.0200	0.0233	116	8	30	78-125	
Tetrachloroethene	0.0200	0.0214	107	1	30	70-127	
Trichloroethene	0.0200	0.0210	105	5	30	71-121	
Vinyl chloride	0.0200	0.0216	108	5	30	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: V35747.D

Lab ID: LCSD 460-904152/5 Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1-Dichloroethene	0.0200	0.0216	108	0	30	68-133	
1,2-Dichloroethane	0.0200	0.0207	104	1	30	66-129	
2-Butanone (MEK)	0.100	0.102	102	6	30	61-128	
Benzene	0.0200	0.0242	121	5	30	71-126	
Carbon tetrachloride	0.0200	0.0203	102	1	30	61-131	
Chlorobenzene	0.0200	0.0228	114	5	30	80-120	
Chloroform	0.0200	0.0211	106	2	30	78-125	
Tetrachloroethene	0.0200	0.0206	103	7	30	70-127	
Trichloroethene	0.0200	0.0214	107	3	30	71-121	
Vinyl chloride	0.0200	0.0248	124	11	30	55-144	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab File ID: J89092.D Lab Sample ID: MB 460-904131/9

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS8 Date Analyzed: 04/20/2023 09:21

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-904131/4	J89087.D	04/20/2023 07:
	LCSD 460-904131/5	J89088.D	04/20/2023 07:
	LB 460-903903/1-A	J89093.D	04/20/2023 09:

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab File ID: V35750.D Lab Sample ID: MB 460-904152/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: CVOAMS7 Date Analyzed: 04/20/2023 10:08

GC Column: Rtx-624 ID: 0.25(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-904152/4	V35746.D	04/20/2023 08:
	LCSD 460-904152/5	V35747.D	04/20/2023 09:
WC-A-E-1(0-3)	460-278409-1	V35760.D	04/20/2023 13:
WC-A-E-2(0-3)	460-278409-7	V35761.D	04/20/2023 13:
WC-A-E-3(0-3)	460-278409-13	V35762.D	04/20/2023 14:
WC-A-E-4(0-3)	460-278409-19	V35763.D	04/20/2023 14:

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab File ID: V35393.D BFB Injection Date: 04/13/2023

Instrument ID: CVOAMS7 BFB Injection Time: 11:48

Analysis Batch No.: 902924

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	150.0
96	5 - 9% of m/z 95	6.3
173	Less than 2% of m/z 174	1.6
174	50 - 200% of m/z 95	66.7
175	5 - 9% of m/z 174	7.2
176	95 -105% of m/z 174	98.5
177	5 - 10% of m/z 176	6.1

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD8 460-902924/3	V35395.D	04/13/2023	12:55
	STD05 460-902924/4	V35396.D	04/13/2023	13:16
	STD1 460-902924/5	V35397.D	04/13/2023	13:37
	STD5 460-902924/6	V35398.D	04/13/2023	13:58
	STD20 460-902924/7	V35399.D	04/13/2023	14:19
	STD50 460-902924/8	V35400.D	04/13/2023	14:40
	STD200 460-902924/9	V35401.D	04/13/2023	15:01
	STD500 460-902924/10	V35402.D	04/13/2023	15:23
	ICV 460-902924/16	V35408.D	04/13/2023	17:30

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab File ID: J88838.D BFB Injection Date: 04/13/2023

Instrument ID: CVOAMS8 BFB Injection Time: 23:30

Analysis Batch No.: 903054

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
95	50 - 200% of m/z 174	121.2
96	5 - 9% of m/z 95	7.2
173	Less than 2% of m/z 174	0.0
174	50 - 200% of m/z 95	82.5
175	5 - 9% of m/z 174	7.9
176	95 -105% of m/z 174	99.0
177	5 - 10% of m/z 176	6.4

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	STD7 460-903054/3	J88840.D	04/14/2023	0:39
	STD1 460-903054/4	J88841.D	04/14/2023	1:04
	STD5 460-903054/5	J88842.D	04/14/2023	1:29
	STD20 460-903054/6	J88843.D	04/14/2023	1:54
	STD50 460-903054/7	J88844.D	04/14/2023	2:19
	STD200 460-903054/8	J88845.D	04/14/2023	2:44
	STD500 460-903054/9	J88846.D	04/14/2023	3:09
	ICV 460-903054/17	J88854.D	04/14/2023	6:30

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: STD20 460-902924/7 Date Analyzed: 04/13/2023 14:19

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V35399.D Heated Purge: (Y/N) N

Calibration ID: 92658

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		48750	2.53	311560	3.45	593434	4.49
UPPER LIMIT		97500	3.03	623120	3.95	1186868	4.99
LOWER LIMIT		24375	2.03	155780	2.95	296717	3.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-902924/16		47890	2.53	307771	3.46	590416	4.49

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: STD20 460-902924/7 Date Analyzed: 04/13/2023 14:19

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V35399.D Heated Purge: (Y/N) N

Calibration ID: 92658

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		32331	5.20	423061	8.12	192672	10.44
UPPER LIMIT		64662	5.70	846122	8.62	385344	10.94
LOWER LIMIT		16166	4.70	211531	7.62	96336	9.94
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-902924/16		27335	5.20	417936	8.12	193294	10.44

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904152/3 Date Analyzed: 04/20/2023 08:24

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V35745.D Heated Purge: (Y/N) N

Calibration ID: 92658

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		42239	2.52	309924	3.45	659838	4.49
UPPER LIMIT		84478	3.02	619848	3.95	1319676	4.99
LOWER LIMIT		21120	2.02	154962	2.95	329919	3.99
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-904152/4		40235	2.53	297278	3.45	608780	4.49
LCSD 460-904152/5		37186	2.52	280122	3.45	607826	4.49
MB 460-904152/8		34471	2.52	240424	3.45	563950	4.49
460-278409-1	WC-A-E-1(0-3)	39434	2.53	260146	3.46	569024	4.49
460-278409-7	WC-A-E-2(0-3)	41634	2.53	280083	3.46	594091	4.49
460-278409-13	WC-A-E-3(0-3)	41686	2.53	284942	3.46	588753	4.49
460-278409-19	WC-A-E-4(0-3)	35699	2.53	262849	3.46	542342	4.49

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904152/3 Date Analyzed: 04/20/2023 08:24

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): V35745.D Heated Purge: (Y/N) N

Calibration ID: 92658

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		32838	5.20	456209	8.12	201735	10.43
UPPER LIMIT		65676	5.70	912418	8.62	403470	10.93
LOWER LIMIT		16419	4.70	228105	7.62	100868	9.93
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-904152/4		32390	5.20	424812	8.12	184944	10.43
LCSD 460-904152/5		28329	5.20	410713	8.12	176416	10.43
MB 460-904152/8		26695	5.20	415024	8.12	184347	10.44
460-278409-1	WC-A-E-1(0-3)	25943	5.21	407469	8.12	176893	10.44
460-278409-7	WC-A-E-2(0-3)	28304	5.21	423955	8.12	178378	10.44
460-278409-13	WC-A-E-3(0-3)	29083	5.20	430825	8.12	186363	10.44
460-278409-19	WC-A-E-4(0-3)	26672	5.22	390196	8.12	172337	10.44

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: STD20 460-903054/6 Date Analyzed: 04/14/2023 01:54

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J88843.D Heated Purge: (Y/N) N

Calibration ID: 92672

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		216029	2.39	307465	3.30	608613	4.32
UPPER LIMIT		432058	2.89	614930	3.80	1217226	4.82
LOWER LIMIT		108015	1.89	153733	2.80	304307	3.82
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903054/17		206034	2.40	309711	3.30	606269	4.32

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: STD20 460-903054/6 Date Analyzed: 04/14/2023 01:54

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J88843.D Heated Purge: (Y/N) N

Calibration ID: 92672

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		27293	5.03	425931	7.99	203716	10.37
UPPER LIMIT		54586	5.53	851862	8.49	407432	10.87
LOWER LIMIT		13647	4.53	212966	7.49	101858	9.87
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903054/17		23967	5.03	411256	7.99	192435	10.37

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904131/3 Date Analyzed: 04/20/2023 06:50

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J89086.D Heated Purge: (Y/N) N

Calibration ID: 92672

		TBAd9		BUT		FB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		131978	2.38	213105	3.29	394623	4.31
UPPER LIMIT		263956	2.88	426210	3.79	789246	4.81
LOWER LIMIT		65989	1.88	106553	2.79	197312	3.81
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-904131/4		129143	2.38	190031	3.29	397441	4.31
LCSD 460-904131/5		132259	2.38	211084	3.29	395592	4.31
MB 460-904131/9		130816	2.38	191526	3.29	393937	4.31
LB 460-903903/1-A		141950	2.38	216894	3.29	395018	4.31

TBAd9 = TBA-d9 (IS)
BUT = 2-Butanone-d5
FB = Fluorobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904131/3 Date Analyzed: 04/20/2023 06:50

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm)

Lab File ID (Standard): J89086.D Heated Purge: (Y/N) N

Calibration ID: 92672

		DXE		CBNZd5		DCBd4	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		16821	5.02	285585	7.97	143086	10.36
UPPER LIMIT		33642	5.52	571170	8.47	286172	10.86
LOWER LIMIT		8411	4.52	142793	7.47	71543	9.86
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 460-904131/4		16244	5.01	284835	7.97	143256	10.36
LCSD 460-904131/5		16813	5.01	289550	7.97	143175	10.36
MB 460-904131/9		15727	5.01	279266	7.97	138528	10.36
LB 460-903903/1-A		17142	5.02	281298	7.97	138554	10.36

DXE = 1,4-Dioxane-d8
CBNZd5 = Chlorobenzene-d5
DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) | Lab Sample ID: 460-278409-1

Matrix: Solid (TCLP) | Lab File ID: V35760.D

Analysis Method: 8260D | Date Collected: 04/17/2023 13:40

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 13:38

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0026	U	0.010	0.0026
107-06-2	1,2-Dichloroethane	0.0043	U	0.010	0.0043
78-93-3	2-Butanone (MEK)	0.019	U	0.050	0.019
71-43-2	Benzene	0.0020	U	0.010	0.0020
56-23-5	Carbon tetrachloride	0.0021	U	0.010	0.0021
108-90-7	Chlorobenzene	0.0038	U	0.010	0.0038
67-66-3	Chloroform	0.0033	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0025	U	0.010	0.0025
79-01-6	Trichloroethene	0.0031	U	0.010	0.0031
75-01-4	Vinyl chloride	0.0017	U	0.010	0.0017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		70-128
460-00-4	4-Bromofluorobenzene	97		76-120
1868-53-7	Dibromofluoromethane (Surr)	102		77-124
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35760.D
Lims ID: 460-278409-L-1-A
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 13:38:30 ALS Bottle#: 67 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-278409-L-1-A
Misc. Info.: 460-0159342-017
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 23:59:09 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1677

First Level Reviewer: XE5L Date: 21-Apr-2023 14:14:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.534	2.523	0.011	99	39434	1000.0	
* 42 2-Butanone-d5	46	3.460	3.449	0.011	100	260146	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	94	141994	51.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	97	170314	50.0	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	569024	50.0	
* 68 1,4-Dioxane-d8	96	5.209	5.197	0.012	91	25943	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	650981	51.0	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	407469	50.0	
$ 105 4-Bromofluorobenzene	174	9.404	9.403	0.001	0	148749	48.7	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.432	0.012	98	176893	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00237 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 14:14:22 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35760.D

Injection Date: 20-Apr-2023 13:38:30 Instrument ID: CVOAMS7

Lims ID: 460-278409-L-1-A Lab Sample ID: 460-278409-1

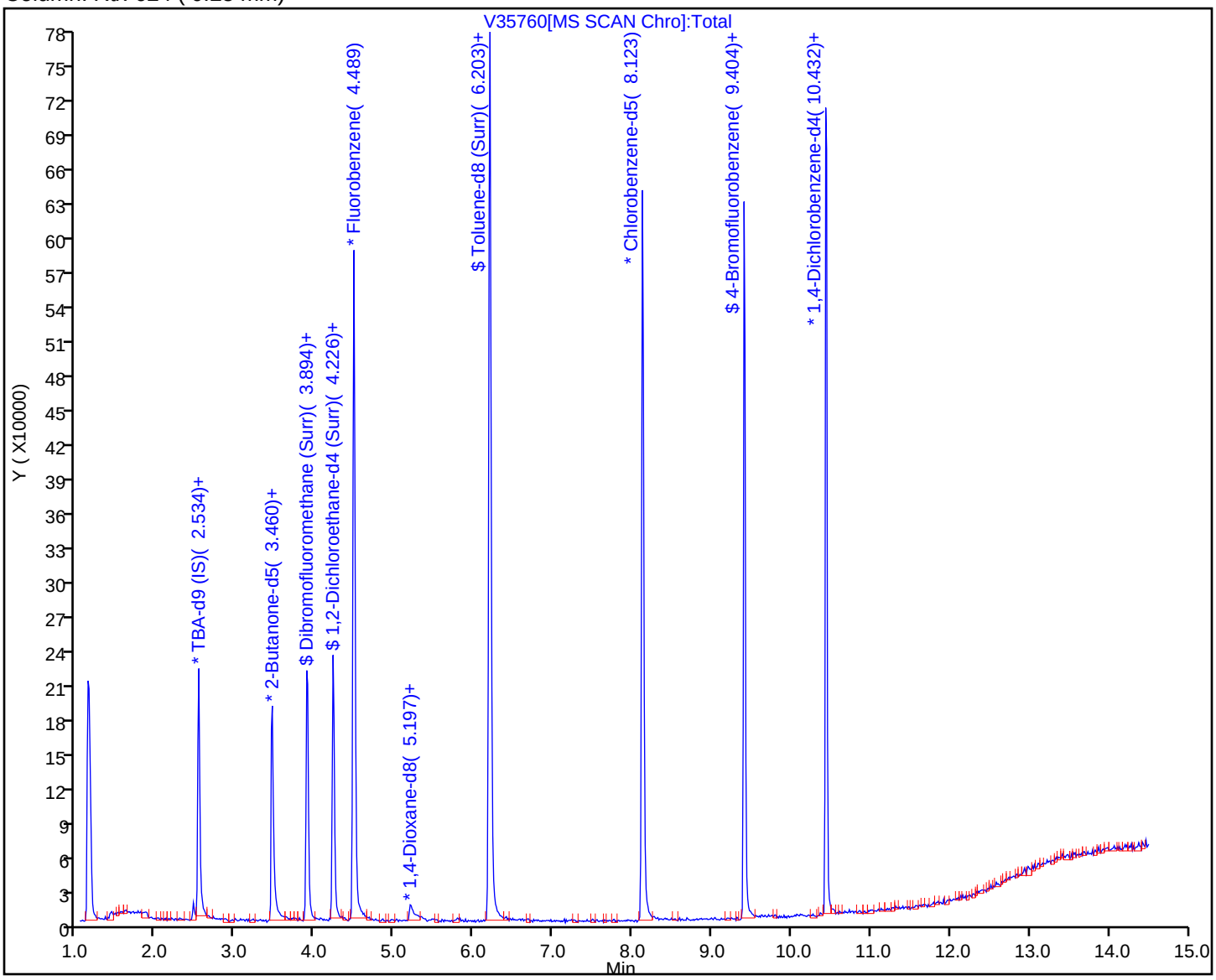
Client ID: WC-A-E-1(0-3)

Operator ID: ALS Bottle#: 67 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) | Lab Sample ID: 460-278409-7

Matrix: Solid (TCLP) | Lab File ID: V35761.D

Analysis Method: 8260D | Date Collected: 04/17/2023 11:00

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 13:59

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0026	U	0.010	0.0026
107-06-2	1,2-Dichloroethane	0.0043	U	0.010	0.0043
78-93-3	2-Butanone (MEK)	0.019	U	0.050	0.019
71-43-2	Benzene	0.0020	U	0.010	0.0020
56-23-5	Carbon tetrachloride	0.0021	U	0.010	0.0021
108-90-7	Chlorobenzene	0.0038	U	0.010	0.0038
67-66-3	Chloroform	0.0033	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0025	U	0.010	0.0025
79-01-6	Trichloroethene	0.0031	U	0.010	0.0031
75-01-4	Vinyl chloride	0.0017	U	0.010	0.0017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		70-128
460-00-4	4-Bromofluorobenzene	98		76-120
1868-53-7	Dibromofluoromethane (Surr)	103		77-124
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35761.D
Lims ID: 460-278409-D-7-A
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 13:59:30 ALS Bottle#: 68 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-278409-D-7-A
Misc. Info.: 460-0159342-018
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 23:59:09 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1677

First Level Reviewer: RD6L Date: 20-Apr-2023 15:12:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.534	2.523	0.011	99	41634	1000.0	
* 42 2-Butanone-d5	46	3.460	3.449	0.011	100	280083	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.906	3.894	0.012	95	149171	51.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	175894	49.4	
* 67 Fluorobenzene	96	4.489	4.489	0.000	99	594091	50.0	
* 68 1,4-Dioxane-d8	96	5.209	5.197	0.012	89	28304	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	680573	51.3	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	423955	50.0	
$ 105 4-Bromofluorobenzene	174	9.415	9.403	0.012	0	156449	49.2	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.432	0.011	98	178378	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00237 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 14:14:31 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35761.D

Injection Date: 20-Apr-2023 13:59:30 Instrument ID: CVOAMS7

Lims ID: 460-278409-D-7-A Lab Sample ID: 460-278409-7

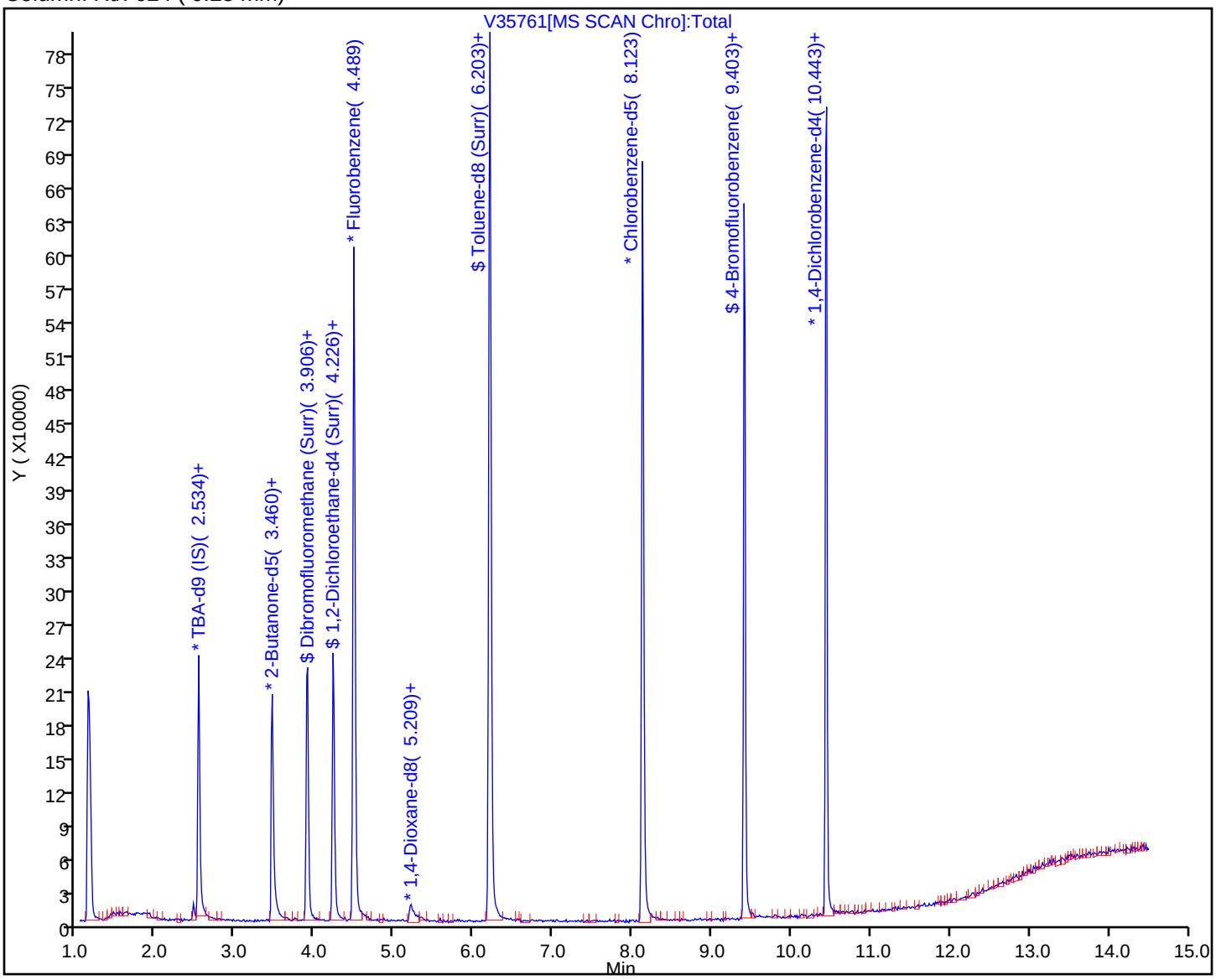
Client ID: WC-A-E-2(0-3)

Operator ID: ALS Bottle#: 68 Worklist Smp#: 18

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid (TCLP) | Lab File ID: V35762.D

Analysis Method: 8260D | Date Collected: 04/17/2023 12:10

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 14:20

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0026	U	0.010	0.0026
107-06-2	1,2-Dichloroethane	0.0043	U	0.010	0.0043
78-93-3	2-Butanone (MEK)	0.019	U	0.050	0.019
71-43-2	Benzene	0.0020	U	0.010	0.0020
56-23-5	Carbon tetrachloride	0.0021	U	0.010	0.0021
108-90-7	Chlorobenzene	0.0038	U	0.010	0.0038
67-66-3	Chloroform	0.0033	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0025	U	0.010	0.0025
79-01-6	Trichloroethene	0.0031	U	0.010	0.0031
75-01-4	Vinyl chloride	0.0017	U	0.010	0.0017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		70-128
460-00-4	4-Bromofluorobenzene	100		76-120
1868-53-7	Dibromofluoromethane (Surr)	109		77-124
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35762.D
Lims ID: 460-278409-L-13-A
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 14:20:30 ALS Bottle#: 69 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-278409-L-13-A
Misc. Info.: 460-0159342-019
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 23:59:09 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1677

First Level Reviewer: RD6L Date: 20-Apr-2023 15:12:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.534	2.523	0.011	99	41686	1000.0	
* 42 2-Butanone-d5	46	3.460	3.449	0.011	100	284942	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	156117	54.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	185953	52.7	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	588753	50.0	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	92	29083	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	100	702701	52.1	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	430825	50.0	
$ 105 4-Bromofluorobenzene	174	9.415	9.403	0.012	0	160755	49.8	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.432	0.011	97	186363	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00237 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 14:14:39 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35762.D

Injection Date: 20-Apr-2023 14:20:30 Instrument ID: CVOAMS7

Lims ID: 460-278409-L-13-A Lab Sample ID: 460-278409-13

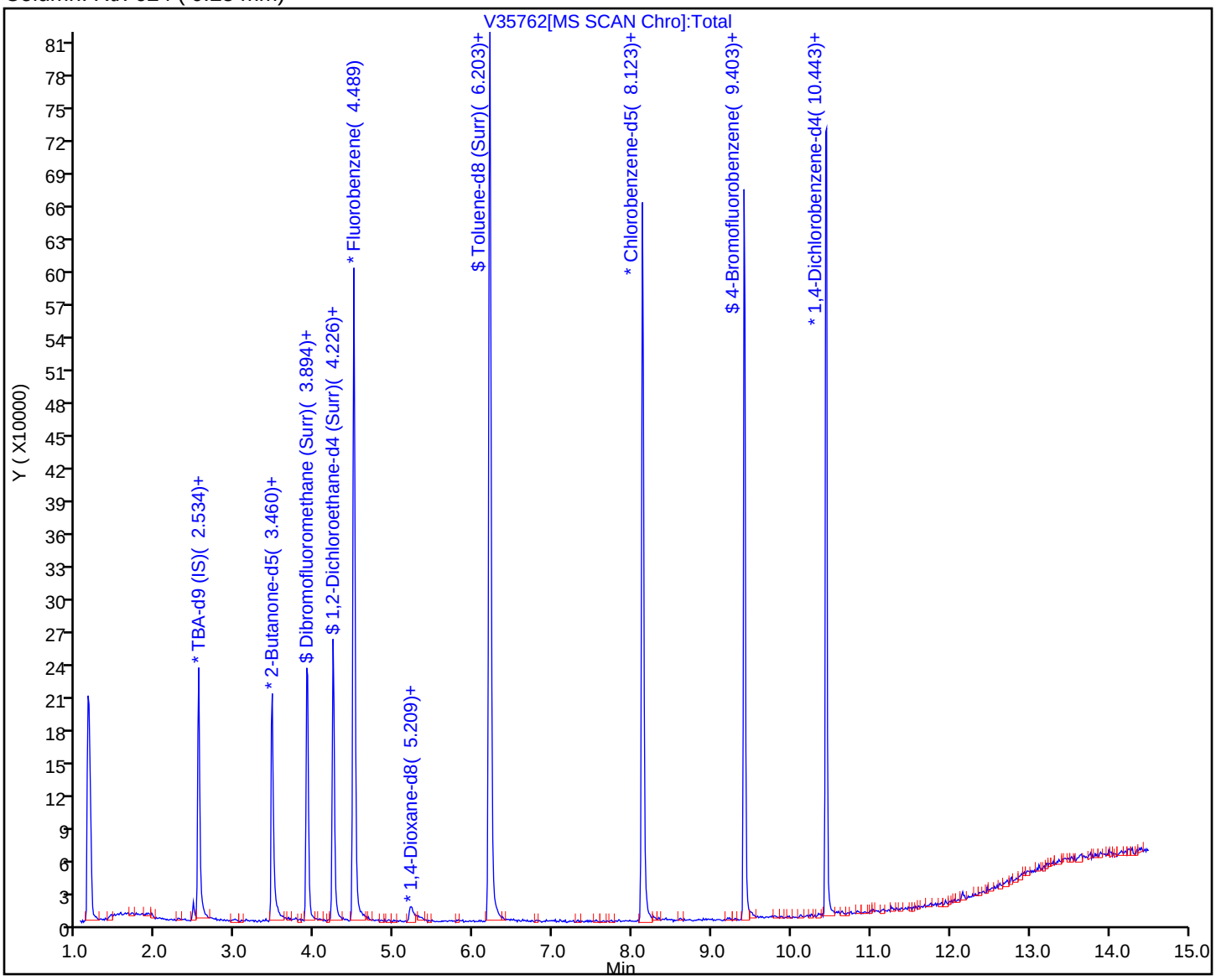
Client ID: WC-A-E-3(0-3)

Operator ID: ALS Bottle#: 69 Worklist Smp#: 19

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



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FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) | Lab Sample ID: 460-278409-19

Matrix: Solid (TCLP) | Lab File ID: V35763.D

Analysis Method: 8260D | Date Collected: 04/17/2023 10:20

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 14:41

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0026	U	0.010	0.0026
107-06-2	1,2-Dichloroethane	0.0043	U	0.010	0.0043
78-93-3	2-Butanone (MEK)	0.019	U	0.050	0.019
71-43-2	Benzene	0.0020	U	0.010	0.0020
56-23-5	Carbon tetrachloride	0.0021	U	0.010	0.0021
108-90-7	Chlorobenzene	0.0038	U	0.010	0.0038
67-66-3	Chloroform	0.0033	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0025	U	0.010	0.0025
79-01-6	Trichloroethene	0.0031	U	0.010	0.0031
75-01-4	Vinyl chloride	0.0017	U	0.010	0.0017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	110		77-124
2037-26-5	Toluene-d8 (Surr)	108		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35763.D
Lims ID: 460-278409-D-19-A
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 14:41:30 ALS Bottle#: 70 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: 460-278409-D-19-A
Misc. Info.: 460-0159342-020
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 23:59:09 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1677

First Level Reviewer: RD6L Date: 20-Apr-2023 15:13:08

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.534	2.523	0.011	99	35699	1000.0	
* 42 2-Butanone-d5	46	3.460	3.449	0.011	100	262849	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	145750	55.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	171638	52.8	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	542342	50.0	
* 68 1,4-Dioxane-d8	96	5.220	5.197	0.023	92	26672	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	661925	54.2	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	390196	50.0	
$ 105 4-Bromofluorobenzene	174	9.403	9.403	0.000	0	151516	51.8	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.432	0.011	98	172337	50.0	

Reagents:

8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00237 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 14:14:50 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35763.D

Injection Date: 20-Apr-2023 14:41:30 Instrument ID: CVOAMS7

Lims ID: 460-278409-D-19-A Lab Sample ID: 460-278409-19

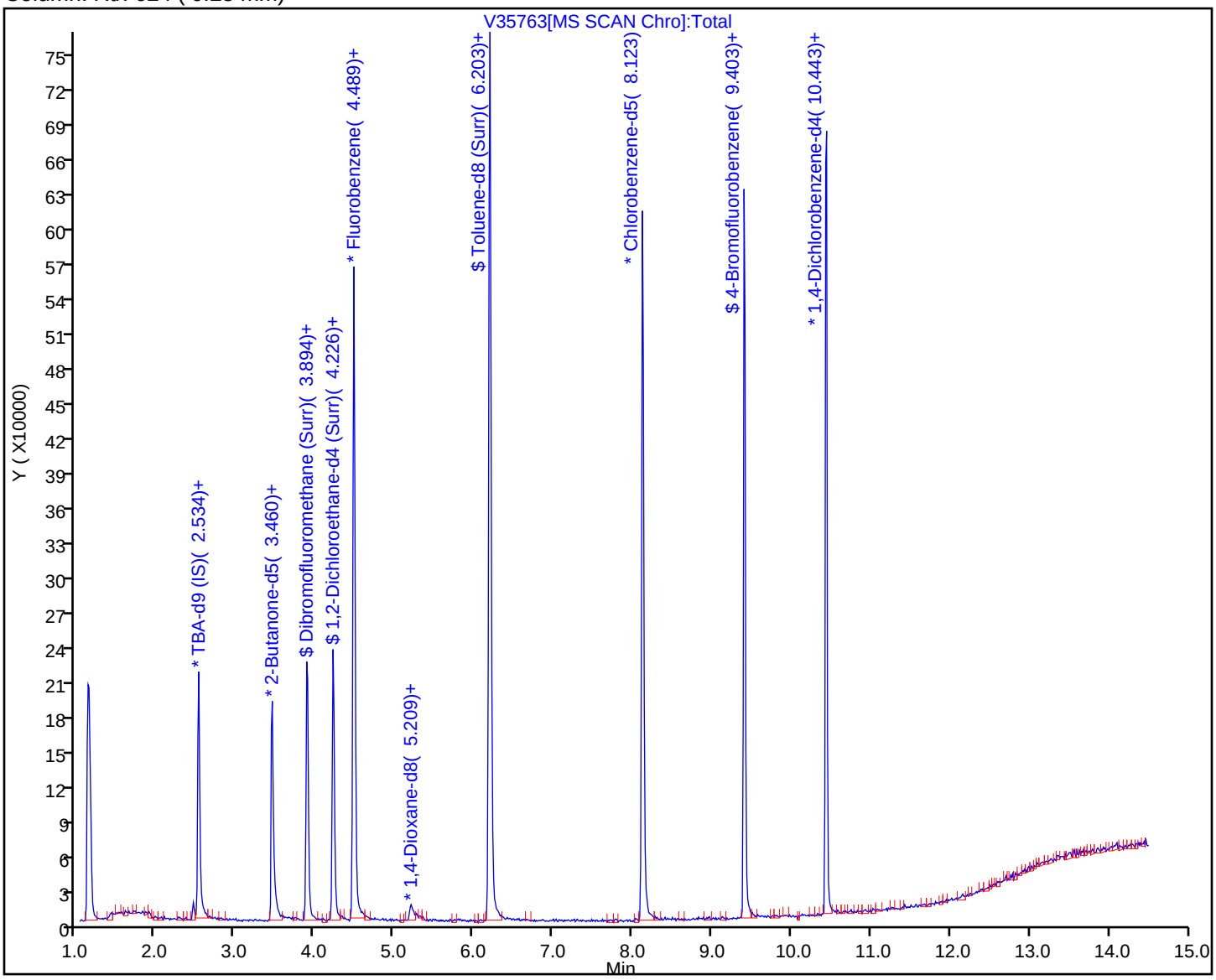
Client ID: WC-A-E-4(0-3)

Operator ID: ALS Bottle#: 70 Worklist Smp#: 20

Purge Vol: 5.000 mL Dil. Factor: 10.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



4/26/2023 9:25 PM

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-902924/3	V35395.D
Level 2	STD05 460-902924/4	V35396.D
Level 3	STD1 460-902924/5	V35397.D
Level 4	STD5 460-902924/6	V35398.D
Level 5	STD20 460-902924/7	V35399.D
Level 6	STD50 460-902924/8	V35400.D
Level 7	STD200 460-902924/9	V35401.D
Level 8	STD500 460-902924/10	V35402.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.1102	0.1569 0.1211	0.1230 0.1263	0.1252	0.1346	Ave		0.1282				11.4		20.0			
Dichlorodifluoromethane	+++++ 0.5307	0.5337 0.5621	0.6153 0.5743	0.6250	0.6333	Ave		0.5821			0.1000	7.4		20.0			
Chlorodifluoromethane	+++++ 0.0791	0.1253 0.0809	0.1150 0.0826	0.0956	0.0964	Ave		0.0964				18.5		20.0			
Chloromethane	+++++ 0.4222	0.5339 0.4294	0.5257 0.4610	0.4785	0.4945	Ave		0.4779			0.1000	9.1		20.0			
Vinyl chloride	+++++ 0.5169	0.4707 0.5147	0.6317 0.5294	0.5658	0.5880	Ave		0.5453			0.1000	9.8		20.0			
Butadiene	0.9229 0.5220	0.5896 0.5128	0.5790 0.5406	0.5401	0.5675	QuaF		0.4992	0.0000824						1.0000		0.9900
Bromomethane	+++++ 0.1653	0.2011 0.1902	0.1926 +++++	0.2170	0.2366	Ave		0.2005			0.1000	12.2		20.0			
Chloroethane	+++++ 0.3212	0.3417 0.2989	0.3464 0.2718	0.3435	0.3686	Ave		0.3275			0.1000	10.0		20.0			
Dichlorofluoromethane	+++++ 0.7462	0.7553 0.7198	0.8496 0.7085	0.8435	0.8659	Ave		0.7841				8.5		20.0			
Trichlorofluoromethane	+++++ 0.6192	0.6845 0.5512	0.7114 0.5415	0.7313	0.7179	Ave		0.6510			0.1000	12.3		20.0			
Pentane	+++++ 0.0971	0.0938 0.0909	0.1353 0.0825	0.1106	0.1122	Ave		0.1032				17.1		20.0			
Ethanol	+++++ 0.5522	+++++ 0.4599	0.5901 0.4652	0.6169	0.5316	Ave		0.5360				12.0		20.0			
Ethyl ether	+++++ 0.2761	0.2821 0.2695	0.2800 0.2820	0.3165	0.3139	Ave		0.2886				6.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.4475	0.3869 0.4194	0.4819 0.4447	0.4981	0.5140	Ave		0.4561				9.9		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.3374	0.4309 0.3188	0.3797 0.3328	0.3795	0.3919	Ave		0.3673				10.8		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.6004	0.6147 0.5914	0.5868 0.6178	0.6770	0.6897	Ave		0.6254				6.6		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.4230	0.3471 0.3836	0.5290 0.4037	0.4707	0.5002	Ave		0.4367			0.1000	15.0		20.0			
Acrolein	+++++ 0.0684	0.0733 0.0749	0.0584 0.0799	0.0612	0.0764	Ave		0.0704				11.4		20.0			
1,1-Dichloroethene	+++++ 0.4082	0.4834 0.3773	0.4379 0.3948	0.4663	0.4649	Ave		0.4333			0.1000	9.4		20.0			
Acetone	+++++ 1.3201	1.9514 1.3412	1.5628 1.5416	1.6456	1.4384	Ave		1.5430			0.0500	14.0		20.0			
Iodomethane	+++++ 0.2726	0.1142 0.3624	0.1476 0.3546	0.1703	0.2230	QuaF		0.3512	0.0000078						0.9990		0.9900
Isopropyl alcohol	+++++ 6.6344	6.7518 5.8295	7.2106 5.4636	7.1901	8.0029	Ave		6.7261				12.9		20.0			
Carbon disulfide	+++++ 1.3308	1.3628 1.2634	1.3211 1.3313	1.5013	1.4767	Ave		1.3696			0.1000	6.4		20.0			
3-Chloro-1-propene	+++++ 0.2920	0.3836 0.2702	0.3360 0.2708	0.3323	0.3330	Ave		0.3168				13.0		20.0			
Methyl acetate	+++++ 0.3691	0.3238 0.4019	0.3150 0.4301	0.3884	0.3992	Ave		0.3754			0.1000	11.3		20.0			
Cyclopentene	+++++ 1.0755	1.0091 1.0114	1.1341 1.0366	1.1443	1.2231	Ave		1.0906				7.3		20.0			
Acetonitrile	+++++ 0.6021	0.6065 0.6497	0.5765 0.6605	0.7142	0.6341	Ave		0.6348				7.2		20.0			
Methylene Chloride	+++++ 0.4346	0.5376 0.4227	0.5941 0.4398	0.5673	0.5092	Ave		0.5008			0.1000	13.8		20.0			
2-Methyl-2-propanol	+++++ 12.207	11.771 10.931	14.255 10.130	14.279	12.759	Ave		12.333				12.7		20.0			
Methyl tert-butyl ether	+++++ 1.3809	1.3931 1.3914	1.2749 1.4662	1.5517	1.5428	Ave		1.4287			0.1000	6.9		20.0			
trans-1,2-Dichloroethene	+++++ 0.4558	0.5032 0.4324	0.4795 0.4326	0.5009	0.5088	Ave		0.4733			0.1000	7.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	0.1646 0.1891	0.1268 0.1916	0.1591 0.2026	0.2012	0.2098	Ave		0.1806				15.6		20.0			
Hexane	+++++ 0.6374	0.5901 0.5808	0.6053 0.6141	0.6164	0.7031	Ave		0.6210				6.5		20.0			
Isopropyl ether	+++++ 1.3666	1.1197 1.3693	1.2550 1.4047	1.4413	1.5040	Ave		1.3515				9.4		20.0			
1,1-Dichloroethane	+++++ 0.8319	0.8952 0.7980	0.8767 0.8114	0.9672	0.9282	Ave		0.8727			0.2000	7.2		20.0			
Vinyl acetate	+++++ 0.9121	0.8397 0.8274	0.7471 0.8081	0.9645	1.0273	Ave		0.8752				11.1		20.0			
2-Chloro-1,3-butadiene	+++++ 0.4423	0.3801 0.4159	0.4219 0.4233	0.4986	0.4891	Ave		0.4387				9.6		20.0			
Tert-butyl ethyl ether	+++++ 1.4163	1.2166 1.4109	1.2711 1.4516	1.5104	1.5688	Ave		1.4065				8.9		20.0			
2,2-Dichloropropane	+++++ 0.1607	0.2436 0.1558	0.2292 0.1575	0.1893	0.1780	Ave		0.1877				19.0		20.0			
cis-1,2-Dichloroethene	+++++ 0.4843	0.6329 0.4631	0.5785 0.4594	0.5485	0.5584	Ave		0.5322			0.1000	12.3		20.0			
2-Butanone (MEK)	+++++ 0.5924	0.4586 0.5626	0.6066 0.5689	0.6869	0.6552	Ave		0.5902			0.0500	12.4		20.0			
Ethyl acetate	+++++ 0.5760	0.6725 0.5564	0.4947 0.5439	0.6487	0.5832	Ave		0.5822				10.5		20.0			
Methyl acrylate	+++++ 0.4054	0.2934 0.4361	0.3442 0.4546	0.3848	0.4137	Ave		0.3903				14.3		20.0			
Propionitrile	+++++ 0.0733	0.0410 0.0732	0.0610 0.0746	0.0753	0.0791	Ave		0.0682				19.4		20.0			
Chlorobromomethane	+++++ 0.1976	0.2391 0.1683	0.2690 +++++	0.2314	0.2337	Ave		0.2232				15.8		20.0			
Tetrahydrofuran	+++++ 0.0701	0.0600 0.0668	0.0817 0.0703	0.0709	0.0807	Ave		0.0715				10.6		20.0			
Methacrylonitrile	+++++ 0.2178	0.1857 0.2169	0.1885 0.2269	0.2339	0.2349	Ave		0.2149				9.4		20.0			
Chloroform	+++++ 0.7848	0.9682 0.7584	0.8663 0.7762	0.9144	0.8856	Ave		0.8506			0.2000	9.3		20.0			
Cyclohexane	+++++ 0.7530	0.6804 0.6893	0.8269 0.7098	0.8551	0.8557	Ave		0.7672			0.1000	10.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.6946	0.6304 0.6740	0.7108 0.7000	0.7881	0.7776	Ave		0.7108			0.1000	7.8		20.0			
Carbon tetrachloride	+++++ 0.5389	0.4918 0.5313	0.5237 0.5679	0.5811	0.5918	Ave		0.5466			0.1000	6.5		20.0			
1,1-Dichloropropene	+++++ 0.6768	0.6222 0.6494	0.6428 0.6709	0.7203	0.7415	Ave		0.6748				6.3		20.0			
Isobutyl alcohol	+++++ 7.5807	5.5481 6.9535	6.0467 6.2169	7.4266	7.9096	Ave		6.8117				13.0		20.0			
Isooctane	+++++ 1.1757	1.1037 1.0930	1.0932 1.1748	1.2662	1.2994	Ave		1.1723				7.2		20.0			
Benzene	+++++ 2.7995	2.4544 2.6657	2.6193 2.8741	2.9245	2.9648	Ave		2.7575			0.5000	6.7		20.0			
Isopropyl acetate	+++++ 0.4309	0.4122 0.4352	0.3971 0.4386	0.4571	0.4729	Ave		0.4348				5.9		20.0			
Tert-amyl methyl ether	+++++ 1.4292	1.3958 1.4089	1.3846 1.4839	1.4677	1.4802	Ave		1.4358				2.9		20.0			
1,2-Dichloroethane	+++++ 0.6293	0.7073 0.6146	0.7507 0.6291	0.7235	0.7023	Ave		0.6795			0.1000	8.0		20.0			
n-Heptane	+++++ 0.2645	0.2161 0.2437	0.2683 0.2646	0.2718	0.2868	Ave		0.2594				8.8		20.0			
n-Butanol	+++++ 2.6813	1.1016 2.7976	1.4085 2.5581	1.2933	2.2932	QuaF		2.9073	-0.000028						1.0000		0.9900
Trichloroethene	+++++ 0.4747	0.5550 0.4544	0.4646 0.4694	0.5149	0.5149	Ave		0.4926			0.2000	7.4		20.0			
Methylcyclohexane	+++++ 0.7782	0.6904 0.7093	0.7778 0.7376	0.8345	0.8754	Ave		0.7719			0.1000	8.6		20.0			
Ethyl acrylate	+++++ 0.0749	0.0403 0.0742	0.0786 0.0755	0.0775	0.0780	Ave		0.0713				19.3		20.0			
1,2-Dichloropropane	+++++ 0.4328	0.4636 0.4295	0.5151 0.4421	0.4593	0.4813	Ave		0.4605			0.1000	6.6		20.0			
Methyl methacrylate	+++++ 0.1370	0.0931 0.1399	0.1117 0.1385	0.1391	0.1513	Ave		0.1301				15.6		20.0			
1,4-Dioxane	+++++ 2.1665	1.9557 2.0685	2.3299 +++++	2.6608	2.3323	Ave		2.2523				11.0		20.0			
Dibromomethane	+++++ 0.2669	0.3214 0.2617	0.3144 0.2629	0.3138	0.3003	Ave		0.2916				9.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.6612	0.5260 0.6869	0.5966 0.6985	0.6123	0.7087	Ave		0.6415				10.3		20.0			
Dichlorobromomethane	+++++ 0.5715	0.5637 0.5803	0.6131 0.6045	0.6477	0.6408	Ave		0.6031			0.2000	5.5		20.0			
2-Nitropropane	+++++ 0.1298	0.1271 0.1483	0.1273 0.1530	0.1125	0.1267	Ave		0.1321				10.6		20.0			
2-Chloroethyl vinyl ether	+++++ 0.2978	0.2279 0.2982	0.2068 0.2985	0.2829	0.3086	Ave		0.2744				14.6		20.0			
Epichlorohydrin	0.6596 0.5523	0.3965 0.5108	0.4041 0.5127	0.5987	0.5684	Ave		0.5254				17.3		20.0			
cis-1,3-Dichloropropene	+++++ 1.1245	0.9239 1.0857	1.0248 1.1565	1.1254	1.1692	Ave		1.0871			0.2000	8.0		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 4.1773	3.4099 3.9286	3.4166 3.8456	4.6619	4.4615	Ave		3.9859			0.0500	12.1		20.0			
Toluene	+++++ 2.8920	2.9492 2.7458	2.7565 2.9249	3.0370	3.0469	Ave		2.9075			0.4000	4.2		20.0			
trans-1,3-Dichloropropene	+++++ 1.0144	0.7419 0.9999	0.7170 1.0680	0.9767	1.0439	Ave		0.9374			0.1000	15.5		20.0			
Ethyl methacrylate	+++++ 0.8749	0.6507 0.8544	0.6719 0.9212	0.8143	0.8792	Ave		0.8095				13.1		20.0			
1,1,2-Trichloroethane	+++++ 0.4927	0.4612 0.4812	0.4906 0.5074	0.5325	0.5314	Ave		0.4996			0.1000	5.2		20.0			
Tetrachloroethene	+++++ 0.5679	0.5369 0.5335	0.5713 0.5511	0.6440	0.6092	Ave		0.5734			0.2000	7.0		20.0			
1,3-Dichloropropane	+++++ 1.0169	0.8086 0.9826	0.9265 1.0326	1.0878	1.0928	Ave		0.9926				10.0		20.0			
2-Hexanone	+++++ 2.7279	1.5920 2.6260	2.1019 2.5803	2.9283	2.8723	Ave		2.4898			0.0500	19.3		20.0			
n-Butyl acetate	+++++ 0.9597	0.6850 0.9578	0.4331 0.9766	0.8927	1.0276	QuaF		0.9485	0.0000559						1.0000		0.9900
Chlorodibromomethane	+++++ 0.5283	0.4084 0.5420	0.4330 0.5879	0.5190	0.5360	Ave		0.5078			0.1000	12.6		20.0			
Ethylene Dibromide	+++++ 0.5934	0.5403 0.5694	0.4769 0.6037	0.5657	0.6270	Ave		0.5681			0.1000	8.6		20.0			
Chlorobenzene	+++++ 1.6388	1.4936 1.5421	1.6005 1.6118	1.7965	1.7700	Ave		1.6362			0.5000	6.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.9339	0.8594 0.8772	0.9704 0.9143	1.0048	1.0013	Ave		0.9373			0.1000	6.2		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.5218	0.4804 0.5005	0.3980 0.5191	0.5216	0.5273	Ave		0.4955				9.3		20.0			
m-Xylene & p-Xylene	+++++ 1.1525	1.0239 1.0790	1.1117 1.1380	1.2111	1.2394	Ave		1.1365			0.1000	6.5		20.0			
o-Xylene	+++++ 1.1203	1.0102 1.0246	1.0927 1.0332	1.2153	1.2227	Ave		1.1027			0.3000	8.0		20.0			
n-Butyl acrylate	+++++ 0.4942	0.3033 0.4906	0.3268 0.5104	0.4365	0.4990	Ave		0.4372				19.9		20.0			
Styrene	+++++ 1.8803	1.4486 1.7405	1.5452 1.8155	1.8734	2.0156	Ave		1.7599			0.3000	11.3		20.0			
Amyl acetate (mixed isomers)	+++++ 2.3627	1.0191 2.4002	1.4945 2.3761	2.2233	2.3756	QuaF		2.4082	-0.000064						1.0000		0.9900
Bromoform	+++++ 0.3092	0.1900 0.3149	0.2292 0.3300	0.2738	0.2949	Ave		0.2774			0.1000	18.3		20.0			
Isopropylbenzene	+++++ 2.8395	2.4145 2.6179	2.6678 2.6860	3.0612	3.0277	Ave		2.7592			0.1000	8.4		20.0			
Bromobenzene	+++++ 1.3038	1.2465 1.2301	1.2297 1.2105	1.4380	1.3997	Ave		1.2940				7.0		20.0			
1,1,2,2-Tetrachloroethane	+++++ 1.6550	1.5186 1.6559	1.3134 1.6946	1.7807	1.7969	Ave		1.6307			0.3000	10.3		20.0			
N-Propylbenzene	+++++ 7.6019	6.5341 7.2435	6.8565 6.5196	8.2445	8.0503	Ave		7.2929				9.6		20.0			
1,2,3-Trichloropropane	+++++ 0.4935	0.5104 0.4866	0.4669 0.4922	0.5367	0.5185	Ave		0.5007				4.6		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.4772	0.4853 0.5231	0.5016 0.5428	0.4294	0.4697	Ave		0.4899				7.6		20.0			
2-Chlorotoluene	+++++ 5.0623	4.2314 4.8498	4.7151 4.8605	5.5253	5.4298	Ave		4.9535				8.9		20.0			
4-Ethyltoluene	+++++ 6.1391	5.2407 5.7028	5.4017 5.4480	6.7711	6.4498	Ave		5.8790				9.9		20.0			
1,3,5-Trimethylbenzene	+++++ 5.0961	3.8006 4.9046	4.3670 4.8905	5.4180	5.4120	Ave		4.8413				12.0		20.0			
4-Chlorotoluene	+++++ 4.7272	4.4195 4.5273	4.4121 4.7215	5.2787	4.9813	Ave		4.7239				6.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 1.7552	1.1892 1.8148	1.1328 1.8769	1.5316	1.6863	Ave		1.5696				19.1		20.0			
tert-Butylbenzene	+++++ 4.0794	3.3780 3.8709	3.8176 3.8334	4.5980	4.4131	Ave		3.9986				10.2		20.0			
1,2,4-Trimethylbenzene	+++++ 5.2512	4.3153 4.9624	4.9011 4.9587	5.5862	5.4795	Ave		5.0649				8.4		20.0			
sec-Butylbenzene	+++++ 6.1426	5.0700 5.7212	5.2782 5.5903	6.5465	6.4087	Ave		5.8225				9.7		20.0			
1,3-Dichlorobenzene	+++++ 2.4116	2.2422 2.1684	2.1122 1.9085	2.7708	2.6475	Ave		2.3230			0.6000	13.2		20.0			
4-Isopropyltoluene	+++++ 5.0648	3.8698 4.5561	4.1686 4.2309	5.3331	5.2965	Ave		4.6457				12.7		20.0			
1,4-Dichlorobenzene	+++++ 2.4882	2.6364 2.2564	2.5585 2.1397	2.8498	2.6961	Ave		2.5179			0.5000	9.9		20.0			
1,2,3-Trimethylbenzene	+++++ 5.3423	4.4091 5.0273	4.6621 4.8282	5.7206	5.7090	Ave		5.0998				10.0		20.0			
Benzyl chloride	+++++ 3.1754	2.2133 3.4131	2.0371 3.5275	2.7013	3.0576	QuaF		3.3044	0.0004482						1.0000		0.9900
Indan	+++++ 4.9021	4.5967 4.6183	4.1793 4.4054	5.5142	5.2714	Ave		4.7839				9.9		20.0			
p-Diethylbenzene	+++++ 2.9481	2.3916 2.7264	2.3719 2.6602	3.0553	3.1310	Ave		2.7549				11.1		20.0			
n-Butylbenzene	+++++ 2.5427	2.2356 2.4006	2.0386 2.4577	2.6910	2.7358	Ave		2.4431				10.1		20.0			
1,2-Dichlorobenzene	+++++ 2.3164	2.1413 2.1681	2.0937 2.1251	2.6820	2.4759	Ave		2.2861			0.4000	9.6		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 3.9883	3.7640 3.9077	3.6537 3.9104	4.3502	4.2126	Ave		3.9696				6.1		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.3010	0.3124 0.3181	0.2294 0.3324	0.2958	0.3080	Ave		0.2996			0.0500	11.1		20.0			
1,3,5-Trichlorobenzene	+++++ 1.3723	1.4652 1.2825	1.2939 1.2184	1.5072	1.4813	Ave		1.3744				8.2		20.0			
1,2,4-Trichlorobenzene	+++++ 1.2205	1.2307 1.1710	1.1696 1.1326	1.3272	1.2773	Ave		1.2184			0.2000	5.6		20.0			
Hexachlorobutadiene	+++++ 0.4399	0.4668 0.3908	0.4919 0.4012	0.4654	0.4602	Ave		0.4452				8.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 3.9810	3.4069 4.0476	3.7216 4.1827	4.3885	4.2394	Ave		3.9954				8.4		20.0			
1,2,3-Trichlorobenzene	+++++ 1.0839	1.1963 1.0431	1.0099 1.0415	1.1842	1.1564	Ave		1.1022				6.9		20.0			
Dibromofluoromethane (Surr)	0.2617 0.2301	0.2557 0.2274	0.2552 0.2218	0.2409	0.2621	Ave		0.2444				6.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.3109 0.2760	0.3073 0.2788	0.3097 0.2944	0.2836	0.3355	Ave		0.2995				6.7		20.0			
Toluene-d8 (Surr)	1.5149 1.5865	1.5083 1.5376	1.5047 1.6296	1.5488	1.6930	Ave		1.5654				4.3		20.0			
4-Bromofluorobenzene	0.3748 0.3685	0.3792 0.3473	0.3811 0.3639	0.3703	0.4148	Ave		0.3750				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD8 460-902924/3	V35395.D
Level 2	STD05 460-902924/4	V35396.D
Level 3	STD1 460-902924/5	V35397.D
Level 4	STD5 460-902924/6	V35398.D
Level 5	STD20 460-902924/7	V35399.D
Level 6	STD50 460-902924/8	V35400.D
Level 7	STD200 460-902924/9	V35401.D
Level 8	STD500 460-902924/10	V35402.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 74078	879 345106	1417 869020	7273	31945	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorodifluoromethane	FB	Ave	+++++ 356613	2991 1601239	7087 3952418	36300	150327	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodifluoromethane	FB	Ave	+++++ 53147	702 230578	1324 568407	5554	22894	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chloromethane	FB	Ave	+++++ 283728	2992 1223391	6055 3172750	27789	117371	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl chloride	FB	Ave	+++++ 347360	2638 1466408	7275 3643534	32860	139573	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butadiene	FB	QuaF	2528 350784	3304 1460905	6668 3720217	31367	134707	0.250 50.0	0.500 200	1.00 500	5.00	20.0
Bromomethane	FB	Ave	+++++ 111087	1127 541797	2218 +++++	12604	56174	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Chloroethane	FB	Ave	+++++ 215851	1915 851615	3990 1870670	19947	87492	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorofluoromethane	FB	Ave	+++++ 501481	4233 2050479	9785 4876210	48986	205545	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Trichlorofluoromethane	FB	Ave	+++++ 416113	3836 1570324	8193 3726599	42469	170416	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Pentane	FB	Ave	+++++ 130558	1051 517631	3117 1136186	12844	53275	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Ethanol	TBAd 9	Ave	+++++ 59729	+++++ 241385	1025 677429	5303	20732	+++++ 2000	+++++ 8000	40.0 20000	200	800
Ethyl ether	FB	Ave	+++++	1581	3225	18378	74506	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			185541	767805	1940610			50.0	200	500		
2-Methyl-1,3-butadiene	FB	Ave	+++++ 300731	2168 1194845	5550 3060320	28929	122008	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 226752	2415 908184	4373 2290427	22041	93026	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 403467	3445 1684726	6758 4251962	39315	163712	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 284271	1945 1092767	6092 2778460	27335	118734	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrolein	FB	Ave	+++++ 91884	1643 213317	2691 440070	14225	36265	+++++ 100	2.00 200	4.00 400	20.0	40.0
1,1-Dichloroethene	FB	Ave	+++++ 274332	2709 1074898	5043 2716987	27081	110346	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetone	BUT	Ave	+++++ 459489	5310 2121258	9193 6061260	44592	179261	+++++ 250	2.50 1000	5.00 2500	25.0	100
Iodomethane	FB	QuaF	+++++ 183198	640 1032454	1700 2440114	9888	52928	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl alcohol	TBAd9	Ave	+++++ 179405	1547 764847	3131 1989214	15453	78028	+++++ 500	5.00 2000	10.0 5000	50.0	200
Carbon disulfide	FB	Ave	+++++ 894295	7637 3599032	15215 9162088	87188	350528	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
3-Chloro-1-propene	FB	Ave	+++++ 196246	2150 769673	3870 1863551	19297	79043	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl acetate	FB	Ave	+++++ 496091	3629 2289916	7255 5919319	45115	189527	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Cyclopentene	FB	Ave	+++++ 722745	5655 2881239	13062 7133758	66453	290336	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acetonitrile	BUT	Ave	+++++ 419179	3301 2055110	6782 5194068	38706	158041	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methylene Chloride	FB	Ave	+++++ 292080	3013 1204192	6842 3026392	32949	120864	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
2-Methyl-2-propanol	TBAd9	Ave	+++++ 330097	2697 1434184	6190 3688284	30688	124404	+++++ 500	5.00 2000	10.0 5000	50.0	200
Methyl tert-butyl ether	FB	Ave	+++++ 927990	7807 3963868	14683 10090144	90117	366231	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 306308	2820 1231802	5522 2977085	29090	120768	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Acrylonitrile	FB	Ave	3606 1270807	7108 5458880	18323 13945029	116871	498114	2.00 500	5.00 2000	10.0 5000	50.0	200
Hexane	FB	Ave	+++++ 428380	3307 1654634	6971 4225998	35795	166894	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl ether	FB	Ave	+++++ 918418	6275 3900955	14454 9666890	83706	357015	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloroethane	FB	Ave	+++++ 559060	5017 2273291	10097 5584390	56170	220336	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Vinyl acetate	BUT	Ave	+++++ 126991	914 523467	1758 1270950	10455	51210	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloro-1,3-butadiene	FB	Ave	+++++ 297233	2130 1184776	4859 2913244	28954	116106	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-butyl ethyl ether	FB	Ave	+++++ 951814	6818 4019477	14639 9989923	87718	372396	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2,2-Dichloropropane	FB	Ave	+++++ 108003	1365 443699	2640 1083604	10996	42254	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 325489	3547 1319331	6663 3161372	31854	132557	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Butanone (MEK)	BUT	Ave	+++++ 206219	1248 889768	3568 2236673	18614	81652	+++++ 250	2.50 1000	5.00 2500	25.0	100
Ethyl acetate	BUT	Ave	+++++ 80194	732 351974	1164 855395	7031	29071	+++++ 100	1.00 400	2.00 1000	10.0	40.0
Methyl acrylate	FB	Ave	+++++ 272414	1644 1242483	3964 3128557	22350	98198	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Propionitrile	FB	Ave	+++++ 492800	2296 2084589	7023 5130967	43709	187730	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chlorobromomethane	FB	Ave	+++++ 132815	1340 479350	3098 +++++	13439	55463	+++++ 50.0	0.500 200	1.00 +++++	5.00	20.0
Tetrahydrofuran	FB	Ave	+++++	673	1883	8238	38310	+++++	1.00	2.00	10.0	40.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			94161	380547	967594			100	400	1000		
Methacrylonitrile	FB	Ave	+++++ 1463882	10405 6179075	21705 15616975	135858	557518	+++++ 500	5.00 2000	10.0 5000	50.0	200
Chloroform	FB	Ave	+++++ 527396	5426 2160464	9977 5341637	53106	210225	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Cyclohexane	FB	Ave	+++++ 506065	3813 1963653	9524 4885152	49663	203113	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1-Trichloroethane	FB	Ave	+++++ 466763	3533 1919938	8186 4817740	45772	184576	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Carbon tetrachloride	FB	Ave	+++++ 362133	2756 1513526	6031 3908001	33746	140482	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1-Dichloropropene	FB	Ave	+++++ 454837	3487 1849909	7403 4617155	41833	176011	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isobutyl alcohol	TBAd9	Ave	+++++ 512486	3178 2280789	6564 5658683	39903	192797	+++++ 1250	12.5 5000	25.0 12500	125	500
Isooctane	FB	Ave	+++++ 790087	6185 3113614	12591 8085152	73537	308441	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzene	CBNZd5	Ave	+++++ 1271981	10090 5269169	21952 13105636	120989	501714	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropyl acetate	FB	Ave	+++++ 289594	2310 1239776	4573 3018532	26545	112247	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Tert-amyl methyl ether	FB	Ave	+++++ 960486	7822 4013522	15947 10212457	85240	351366	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloroethane	FB	Ave	+++++ 422936	3964 1750773	8646 4329511	42017	166703	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Heptane	FB	Ave	+++++ 177752	1211 694293	3090 1820793	15783	68086	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butanol	TBAd9	QuaF	+++++ 181269	631 917611	1529 2328438	6949	55896	+++++ 1250	12.5 5000	25.0 12500	125	500
Trichloroethene	FB	Ave	+++++ 319042	3110 1294597	5351 3230729	29902	122212	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methylcyclohexane	FB	Ave	+++++ 522973	3869 2020571	8958 5076460	48462	207789	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethyl acrylate	FB	Ave	+++++ 50336	226 211333	905 519726	4501	18523	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2-Dichloropropane	FB	Ave	+++++ 290868	2598 1223665	5932 3042254	26675	114242	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Methyl methacrylate	FB	Ave	+++++ 184149	1043 797119	2572 1906063	16155	71831	+++++ 100	1.00 400	2.00 1000	10.0	40.0
1,4-Dioxane	DXE	Ave	+++++ 75692	1504 319596	3472 +++++	7979	30162	+++++ 1000	25.0 4000	50.0 +++++	100	400
Dibromomethane	FB	Ave	+++++ 179330	1801 745447	3621 1809011	18223	71281	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Propyl acetate	FB	Ave	+++++ 444367	2948 1956745	6871 4806806	35560	168235	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Dichlorobromomethane	FB	Ave	+++++ 384031	3159 1653039	7061 4160302	37615	152111	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Nitropropane	FB	Ave	+++++ 174445	1424 845027	2932 2105599	13062	60146	+++++ 100	1.00 400	2.00 1000	10.0	40.0
2-Chloroethyl vinyl ether	FB	Ave	+++++ 200580	1280 851588	2387 2059226	16468	73432	+++++ 50.1	0.501 200	1.00 501	5.01	20.0
Epichlorohydrin	BUT	Ave	3513 768987	4316 3231735	9509 8063201	64895	283338	5.00 1000	10.0 4000	20.0 10000	100	400
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 510924	3798 2146093	8589 5273556	46558	197850	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 1454052	9279 6213617	20098 15120335	126330	556006	+++++ 250	2.50 1000	5.00 2500	25.0	100
Toluene	CBNZ d5	Ave	+++++ 1314021	12124 5427466	23102 13337444	125642	515605	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 460921	3050 1976521	6009 4870200	40406	176652	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethyl methacrylate	CBNZ d5	Ave	+++++ 397520	2675 1688861	5631 4200577	33689	148784	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++	1896	4112	22029	89928	+++++	0.500	1.00	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			223872	951227	2313517			50.0	200	500		
Tetrachloroethene	CBNZ d5	Ave	+++++ 258021	2207 1054629	4788 2513167	26643	103088	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 462058	3324 1942253	7765 4708625	45004	184935	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Hexanone	BUT	Ave	+++++ 949548	4332 4153377	12364 10145465	79351	357956	+++++ 250	2.50 1000	5.00 2500	25.0	100
n-Butyl acetate	CBNZ d5	QuaF	+++++ 436062	2816 1893189	3630 4453284	36932	173887	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 240033	1679 1071272	3629 2680806	21471	90707	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 269626	2221 1125578	3997 2752844	23405	106096	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Chlorobenzene	CBNZ d5	Ave	+++++ 744596	6140 3048238	13414 7349819	74323	299530	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Ethylbenzene	CBNZ d5	Ave	+++++ 424324	3533 1733968	8133 4169083	41570	169445	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 237083	1975 989226	3336 2367059	21577	89240	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 523638	4209 2132779	9317 5189387	50104	209743	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
o-Xylene	CBNZ d5	Ave	+++++ 509022	4153 2025189	9158 4711179	50277	206916	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
n-Butyl acrylate	CBNZ d5	Ave	+++++ 224536	1247 969661	2739 2327302	18058	84440	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Styrene	CBNZ d5	Ave	+++++ 854368	5955 3440434	12950 8278625	77505	341091	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Amyl acetate (mixed isomers)	DCBd 4	QuaF	+++++ 486077	1869 2076801	5727 4964171	40503	183084	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromoform	CBNZ d5	Ave	+++++ 140480	781 622524	1921 1504927	11327	49900	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 1290189	9926 5174593	22359 12248159	126644	512357	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Bromobenzene	DCBd 4	Ave	+++++ 268237	2286 1064355	4712 2528956	26197	107877	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 340490	2785 1432783	5033 3540452	32439	138487	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
N-Propylbenzene	DCBd 4	Ave	+++++ 1563933	11983 6267520	26274 13620813	150195	620430	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 101525	936 421027	1789 1028391	9777	39963	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 98167	890 452633	1922 1133998	7823	36203	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1041475	7760 4196336	18068 10154570	100657	418468	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1262987	9611 4934446	20699 11381998	123353	497082	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1048430	6970 4243776	16734 10217228	98702	417094	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
4-Chlorotoluene	DCBd 4	Ave	+++++ 972532	8105 3917312	16907 9864162	96164	383899	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 361098	2181 1570236	4341 3921226	27902	129961	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 839245	6195 3349359	14629 8008843	83764	340115	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1080328	7914 4293748	18781 10359747	101767	422298	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1263709	9298 4950367	20226 11679189	119260	493911	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 496145	4112 1876249	8094 3987187	50477	204037	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1041983	7097 3942219	15974 8839165	97155	408198	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 511892	4835 1952347	9804 4470291	51917	207789	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1099070	8086 4349888	17865 10086981	104215	439984	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Benzyl chloride	DCBd 4	QuaF	+++++ 653272	4059 2953184	7806 7369617	49211	235643	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
Indan	DCBd 4	Ave	+++++ 1008513	8430 3996056	16015 9203687	100455	406258	+++++ 50.0	0.500 200	1.00 500	5.00	20.0
p-Diethylbenzene	DCBd 4	Ave	+++++ 606509	4386 2359083	9089 5557626	55660	241300	+++++ 50.0	0.500 200	1.00 500	5.00	20.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
n-Butylbenzene	DCBd 4	Ave	+++++	4100	7812	49023	210844	+++++	0.500	1.00	5.00	20.0
			523100	2077127	5134552			50.0	200	500		
1,2-Dichlorobenzene	DCBd 4	Ave	+++++	3927	8023	48860	190813	+++++	0.500	1.00	5.00	20.0
			476543	1875972	4439789			50.0	200	500		
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++	6903	14001	79250	324657	+++++	0.500	1.00	5.00	20.0
			820518	3381167	8169653			50.0	200	500		
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++	573	879	5389	23734	+++++	0.500	1.00	5.00	20.0
			61935	275262	694468			50.0	200	500		
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++	2687	4958	27457	114164	+++++	0.500	1.00	5.00	20.0
			282316	1109686	2545384			50.0	200	500		
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++	2257	4482	24178	98443	+++++	0.500	1.00	5.00	20.0
			251084	1013220	2366190			50.0	200	500		
Hexachlorobutadiene	DCBd 4	Ave	+++++	856	1885	8479	35467	+++++	0.500	1.00	5.00	20.0
			90496	338121	838228			50.0	200	500		
Naphthalene	DCBd 4	Ave	+++++	6248	14261	79947	326728	+++++	0.500	1.00	5.00	20.0
			819010	3502263	8738510			50.0	200	500		
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++	2194	3870	21574	89123	+++++	0.500	1.00	5.00	20.0
			222992	902547	2175979			50.0	200	500		
Dibromofluoromethane (Surr)	FB	Ave	143374	143283	146954	139891	155565	50.0	50.0	50.0	50.0	50.0
			154611	161971	152626			50.0	50.0	50.0		
1,2-Dichloroethane-d4 (Surr)	FB	Ave	170320	172210	178361	164675	199081	50.0	50.0	50.0	50.0	50.0
			185489	198551	202595			50.0	50.0	50.0		
Toluene-d8 (Surr)	CBNZ d5	Ave	620713	620033	630553	640748	716226	50.0	50.0	50.0	50.0	50.0
			720847	759801	743104			50.0	50.0	50.0		
4-Bromofluorobenzene	CBNZ d5	Ave	153554	155902	159686	153180	175474	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902924

SDG No.:

Instrument ID: CVOAMS7 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/13/2023 12:55 Calibration End Date: 04/13/2023 15:23 Calibration ID: 92658

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
			167455	171643	165916			50.0	50.0	50.0		

Curve Type Legend
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35395.D
Lims ID: STD8
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 13-Apr-2023 12:55:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD8
Misc. Info.: 460-0159055-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:33:54 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:20:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.483	1.483	0.000	97	2528	0.2500	0.4622	Ma
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	45839	1000.0	1000.0	
35 Acrylonitrile	53	2.797	2.763	0.034	88	3606	2.00	1.82	M
* 42 2-Butanone-d5	46	3.460	3.448	0.012	99	266312	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.906	3.894	0.012	94	143374	50.0	53.6	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	98	170320	50.0	51.9	
* 67 Fluorobenzene	96	4.489	4.489	0.000	99	547818	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.209	5.197	0.012	91	28167	1000.0	1000.0	M
80 Epichlorohydrin	57	5.917	5.883	0.034	78	3513	5.00	6.28	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	620713	50.0	48.4	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	88	409732	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.415	9.415	0.000	0	153554	50.0	50.0	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.443	0.001	98	186131	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

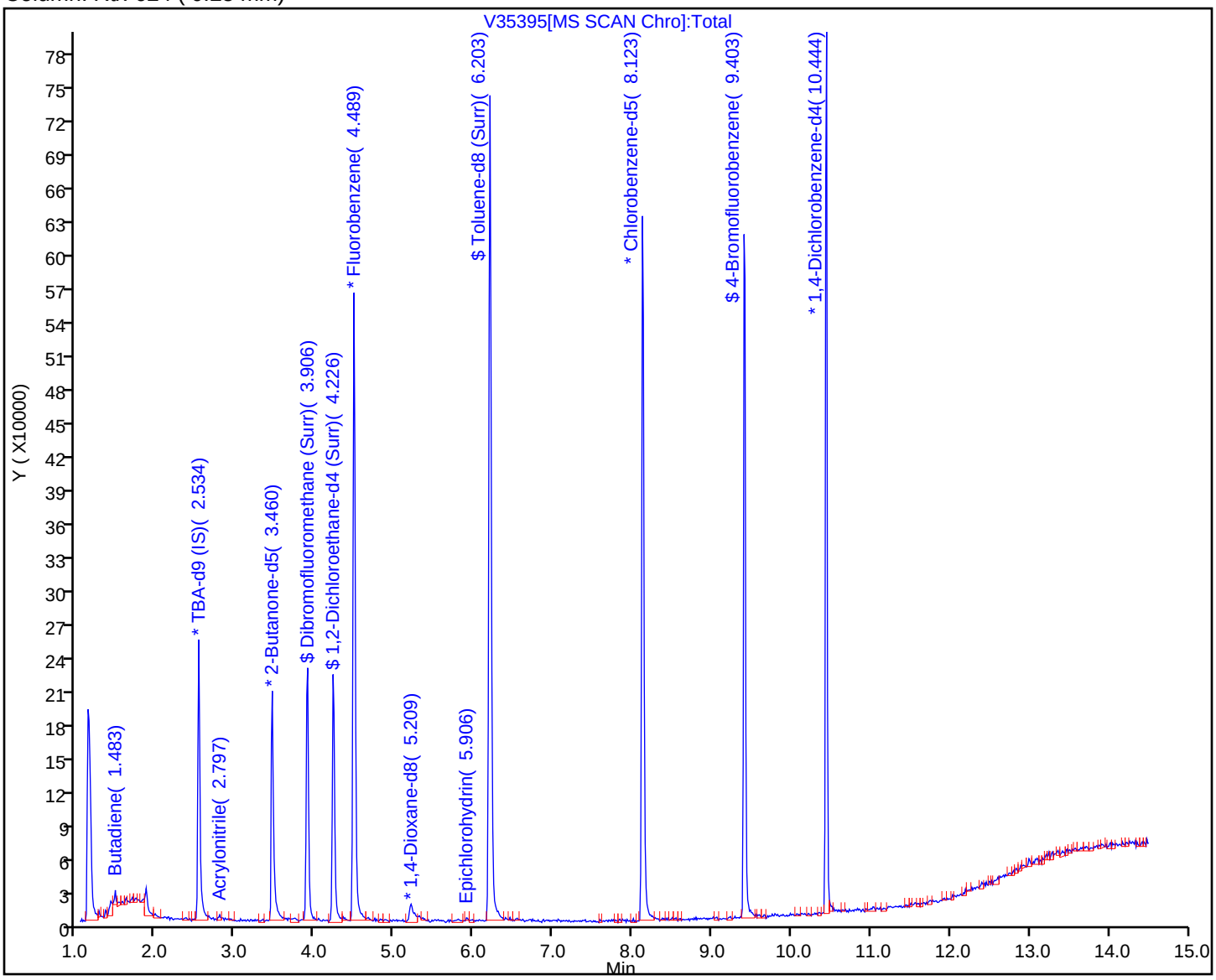
Reagents:

8260MIX1COMB_00168	Amount Added:	0.00	Units: uL	
524freon_00067	Amount Added:	0.00	Units: uL	
ACROLEIN W_00151	Amount Added:	0.00	Units: uL	
GASES Li_00524	Amount Added:	2.50	Units: uL	
14DIOXINTER_00155	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00111	Amount Added:	20.00	Units: uL	
Ethanol mix_00075	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00134	Amount Added:	0.00	Units: uL	
MIX I Hi_00161	Amount Added:	0.00	Units: uL	
GAS Hi_00440	Amount Added:	0.00	Units: uL	
8FreonHi_00055	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Apr-2023 20:33:55 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35395.D
Injection Date: 13-Apr-2023 12:55:30 Instrument ID: CVOAMS7
Lims ID: STD8
Client ID:
Operator ID: ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35396.D
Lims ID: STD05
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 13-Apr-2023 13:16:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD05
Misc. Info.: 460-0159055-004
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:34:07 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:09:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.254	1.243	0.011	47	879	0.5000	0.6118	
4 1,1-Difluoroethane	65	1.277	1.265	0.012	44	1239	0.5000	0.5221	
5 Dichlorodifluoromethane	85	1.277	1.265	0.012	95	2991	0.5000	0.4585	
2 Chlorodifluoromethane	67	1.300	1.288	0.012	99	702	0.5000	0.6496	M
6 Chloromethane	50	1.414	1.414	0.000	96	2992	0.5000	0.5586	
7 Vinyl chloride	62	1.471	1.460	0.011	50	2638	0.5000	0.4316	M
8 Butadiene	54	1.482	1.483	-0.001	98	3304	0.5000	0.5905	
9 Bromomethane	94	1.688	1.677	0.011	37	1127	0.5000	0.5016	Ma
10 Chloroethane	64	1.745	1.734	0.011	62	1915	0.5000	0.5218	M
11 Dichlorofluoromethane	67	1.871	1.860	0.011	92	4233	0.5000	0.4816	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	95	3836	0.5000	0.5257	
13 Pentane	72	1.905	1.905	0.000	95	1051	1.00	0.9086	M
14 Ethyl ether	74	2.043	2.043	0.000	67	1581	0.5000	0.4888	
15 2-Methyl-1,3-butadiene	53	2.065	2.065	0.000	93	2168	0.5000	0.4241	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.077	0.000	91	2415	0.5000	0.5866	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.123	2.111	0.012	96	3445	0.5000	0.4915	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.180	2.168	0.012	92	1945	0.5000	0.3973	
52 Acrolein	56	2.191	2.180	0.011	49	1643	2.00	2.08	
20 1,1-Dichloroethene	96	2.214	2.203	0.011	95	2709	0.5000	0.5579	
23 Acetone	43	2.283	2.271	0.012	84	5310	2.50	3.16	
21 Iodomethane	142	2.340	2.328	0.012	32	640	0.5000	0.1626	
24 Isopropyl alcohol	45	2.351	2.328	0.023	26	1547	5.00	5.02	M
22 Carbon disulfide	76	2.374	2.363	0.011	99	7637	0.5000	0.4975	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	86	2150	0.5000	0.6054	
30 Methyl acetate	43	2.465	2.454	0.011	68	3629	1.00	0.8626	
25 Cyclopentene	67	2.477	2.477	0.000	88	5655	0.5000	0.4626	
27 Acetonitrile	41	2.534	2.500	0.034	19	3301	5.00	4.78	a
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	45825	1000.0	1000.0	
29 Methylene Chloride	84	2.557	2.557	0.000	78	3013	0.5000	0.5368	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	95	2697	5.00	4.77	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 Methyl tert-butyl ether	73	2.683	2.671	0.012	96	7807	0.5000	0.4875	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	90	2820	0.5000	0.5316	
35 Acrylonitrile	53	2.785	2.763	0.022	98	7108	5.00	3.51	
36 Hexane	57	2.843	2.831	0.012	88	3307	0.5000	0.4751	
37 Isopropyl ether	45	3.003	2.991	0.012	96	6275	0.5000	0.4142	
38 1,1-Dichloroethane	63	3.048	3.037	0.011	95	5017	0.5000	0.5129	
40 Vinyl acetate	86	3.060	3.048	0.012	84	914	1.00	0.9595	Ma
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	95	2130	0.5000	0.4332	
41 Tert-butyl ethyl ether	59	3.277	3.266	0.011	91	6818	0.5000	0.4325	
* 42 2-Butanone-d5	46	3.460	3.448	0.012	99	272118	250.0	250.0	
43 2,2-Dichloropropane	97	3.483	3.471	0.012	47	1365	0.5000	0.6488	
45 cis-1,2-Dichloroethene	96	3.506	3.494	0.012	98	3547	0.5000	0.5947	
44 2-Butanone (MEK)	72	3.517	3.506	0.011	97	1248	2.50	1.94	
47 Ethyl acetate	70	3.506	3.506	0.000	78	732	1.00	1.16	
46 Methyl acrylate	55	3.574	3.563	0.011	53	1644	0.5000	0.3758	M
48 Propionitrile	54	3.654	3.620	0.034	63	2296	5.00	3.00	M
50 Tetrahydrofuran	72	3.734	3.700	0.034	30	673	1.00	0.8397	
49 Chlorobromomethane	128	3.711	3.700	0.011	87	1340	0.5000	0.5357	
54 Methacrylonitrile	67	3.734	3.711	0.023	92	10405	5.00	4.32	
51 Chloroform	83	3.757	3.757	0.000	95	5426	0.5000	0.5692	
53 Cyclohexane	84	3.871	3.871	0.000	77	3813	0.5000	0.4434	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	35	3533	0.5000	0.4435	
$ 56 Dibromofluoromethane (Surr)	113	3.906	3.894	0.012	96	143283	50.0	52.3	
57 Carbon tetrachloride	117	3.997	3.997	0.000	90	2756	0.5000	0.4498	
58 1,1-Dichloropropene	75	4.031	4.020	0.011	93	3487	0.5000	0.4610	
61 Isobutyl alcohol	43	4.180	4.146	0.034	33	3178	12.5	10.2	Ma
64 Isooctane	57	4.180	4.169	0.011	99	6185	0.5000	0.4707	
59 Benzene	78	4.214	4.214	0.000	92	10090	0.5000	0.4451	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	98	172210	50.0	51.3	
66 Isopropyl acetate	87	4.271	4.260	0.011	75	2310	0.5000	0.4740	
62 Tert-amyl methyl ether	73	4.271	4.260	0.011	87	7822	0.5000	0.4861	
63 1,2-Dichloroethane	62	4.306	4.294	0.012	95	3964	0.5000	0.5204	
65 n-Heptane	57	4.363	4.351	0.012	78	1211	0.5000	0.4165	
* 67 Fluorobenzene	96	4.488	4.489	-0.001	99	560407	50.0	50.0	
70 n-Butanol	56	4.809	4.820	-0.011	23	631	12.5	4.74	Ma
69 Trichloroethene	95	4.854	4.843	0.011	90	3110	0.5000	0.5633	
71 Ethyl acrylate	99	4.969	4.957	0.012	63	226	0.5000	0.2828	
72 Methylcyclohexane	83	4.957	4.957	0.000	87	3869	0.5000	0.4472	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	86	2598	0.5000	0.5033	M
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	91	30761	1000.0	1000.0	
74 Methyl methacrylate	100	5.220	5.209	0.011	57	1043	1.00	0.7154	
78 1,4-Dioxane	88	5.266	5.254	0.012	27	1504	25.0	21.7	M
77 n-Propyl acetate	43	5.300	5.266	0.034	58	2948	0.5000	0.4100	
75 Dibromomethane	93	5.277	5.266	0.011	83	1801	0.5000	0.5510	
76 Dichlorobromomethane	83	5.426	5.426	0.000	94	3159	0.5000	0.4674	
34 2-Nitropropane	41	5.769	5.757	0.012	60	1424	1.00	0.9619	
79 2-Chloroethyl vinyl ether	63	5.814	5.780	0.034	57	1280	0.5012	0.4162	
80 Epichlorohydrin	57	5.917	5.883	0.034	97	4316	10.0	7.55	
81 cis-1,3-Dichloropropene	75	5.963	5.952	0.011	89	3798	0.5000	0.4249	
84 4-Methyl-2-pentanone (MIBK)	43	6.123	6.112	0.011	94	9279	2.50	2.14	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	620033	50.0	48.2	
83 Toluene	91	6.294	6.283	0.011	92	12124	0.5000	0.5072	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.706	6.683	0.023	94	3050	0.5000	0.3957	
86 Ethyl methacrylate	69	6.740	6.717	0.023	62	2675	0.5000	0.4019	
87 1,1,2-Trichloroethane	83	6.923	6.912	0.011	90	1896	0.5000	0.4616	
88 Tetrachloroethene	166	6.957	6.957	0.000	92	2207	0.5000	0.4681	
89 1,3-Dichloropropane	76	7.163	7.140	0.023	91	3324	0.5000	0.4073	
91 2-Hexanone	43	7.266	7.220	0.046	90	4332	2.50	1.60	
92 n-Butyl acetate	43	7.403	7.369	0.034	62	2816	0.5000	0.3611	Ma
90 Chlorodibromomethane	129	7.403	7.403	0.000	92	1679	0.5000	0.4022	
93 Ethylene Dibromide	107	7.575	7.563	0.011	93	2221	0.5000	0.4755	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	88	411093	50.0	50.0	
95 Chlorobenzene	112	8.169	8.158	0.011	91	6140	0.5000	0.4564	a
97 Ethylbenzene	106	8.272	8.260	0.012	98	3533	0.5000	0.4584	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	38	1975	0.5000	0.4848	
98 m-Xylene & p-Xylene	106	8.409	8.398	0.011	98	4209	0.5000	0.4504	
100 o-Xylene	106	8.843	8.843	0.000	93	4153	0.5000	0.4581	
99 n-Butyl acrylate	73	8.855	8.843	0.012	29	1247	0.5000	0.3469	M
101 Styrene	104	8.877	8.878	-0.001	94	5955	0.5000	0.4116	
102 Amyl acetate (mixed isomers)	43	9.095	9.083	0.012	83	1869	0.5000	0.2116	
103 Bromoform	173	9.095	9.083	0.012	48	781	0.5000	0.3424	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	9926	0.5000	0.4375	
$ 105 4-Bromofluorobenzene	174	9.415	9.415	0.000	0	155902	50.0	50.6	
107 Bromobenzene	156	9.540	9.529	0.011	95	2286	0.5000	0.4816	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	61	2785	0.5000	0.4656	
109 N-Propylbenzene	91	9.609	9.609	0.000	98	11983	0.5000	0.4480	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	88	936	0.5000	0.5097	
112 trans-1,4-Dichloro-2-butene	53	9.666	9.655	0.011	61	890	0.5000	0.4953	Ma
114 2-Chlorotoluene	91	9.712	9.701	0.011	96	7760	0.5000	0.4271	
113 4-Ethyltoluene	105	9.723	9.712	0.011	91	9611	0.5000	0.4457	
116 1,3,5-Trimethylbenzene	105	9.780	9.781	-0.001	92	6970	0.5000	0.3925	
110 4-Chlorotoluene	91	9.826	9.815	0.011	97	8105	0.5000	0.4678	
117 Butyl Methacrylate	87	9.895	9.883	0.012	88	2181	0.5000	0.3789	
118 tert-Butylbenzene	119	10.055	10.055	0.000	92	6195	0.5000	0.4224	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	7914	0.5000	0.4260	
120 sec-Butylbenzene	105	10.249	10.249	0.000	98	9298	0.5000	0.4354	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	95	7097	0.5000	0.4165	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	78	4112	0.5000	0.4826	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	98	183393	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.466	10.455	0.011	56	4835	0.5000	0.5235	
123 1,2,3-Trimethylbenzene	105	10.478	10.466	0.012	94	8086	0.5000	0.4323	
125 Benzyl chloride	91	10.592	10.581	0.011	95	4059	0.5000	0.3349	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	90	8430	0.5000	0.4804	
126 p-Diethylbenzene	119	10.695	10.683	0.012	92	4386	0.5000	0.4341	
127 n-Butylbenzene	92	10.718	10.706	0.012	99	4100	0.5000	0.4575	
128 1,2-Dichlorobenzene	146	10.775	10.763	0.012	93	3927	0.5000	0.4683	
130 1,2,4,5-Tetramethylbenzene	119	11.312	11.301	0.011	95	6903	0.5000	0.4741	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	35	573	0.5000	0.5214	
132 1,3,5-Trichlorobenzene	180	11.506	11.506	0.000	90	2687	0.5000	0.5330	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	88	2257	0.5000	0.5050	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	38	856	0.5000	0.5242	
134 Naphthalene	128	12.158	12.146	0.012	98	6248	0.5000	0.4264	
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	92	2194	0.5000	0.5427	
S 136 1,2-Dichloroethene, Total	100				0		1.00	1.13	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1.00	0.9085	
S 138 1,3-Dichloropropene, Total	1				0		1.00	0.8206	
S 139 Total BTEX	1				0		2.50	2.32	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	5.00	Units: uL	
524freon_00067	Amount Added:	5.00	Units: uL	
ACROLEIN W_00151	Amount Added:	2.00	Units: uL	
GASES Li_00524	Amount Added:	5.00	Units: uL	
14DIOXINTER_00155	Amount Added:	15.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Apr-2023 20:34:07 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35396.D

Injection Date: 13-Apr-2023 13:16:30 Instrument ID: CVOAMS7

Lims ID: STD05

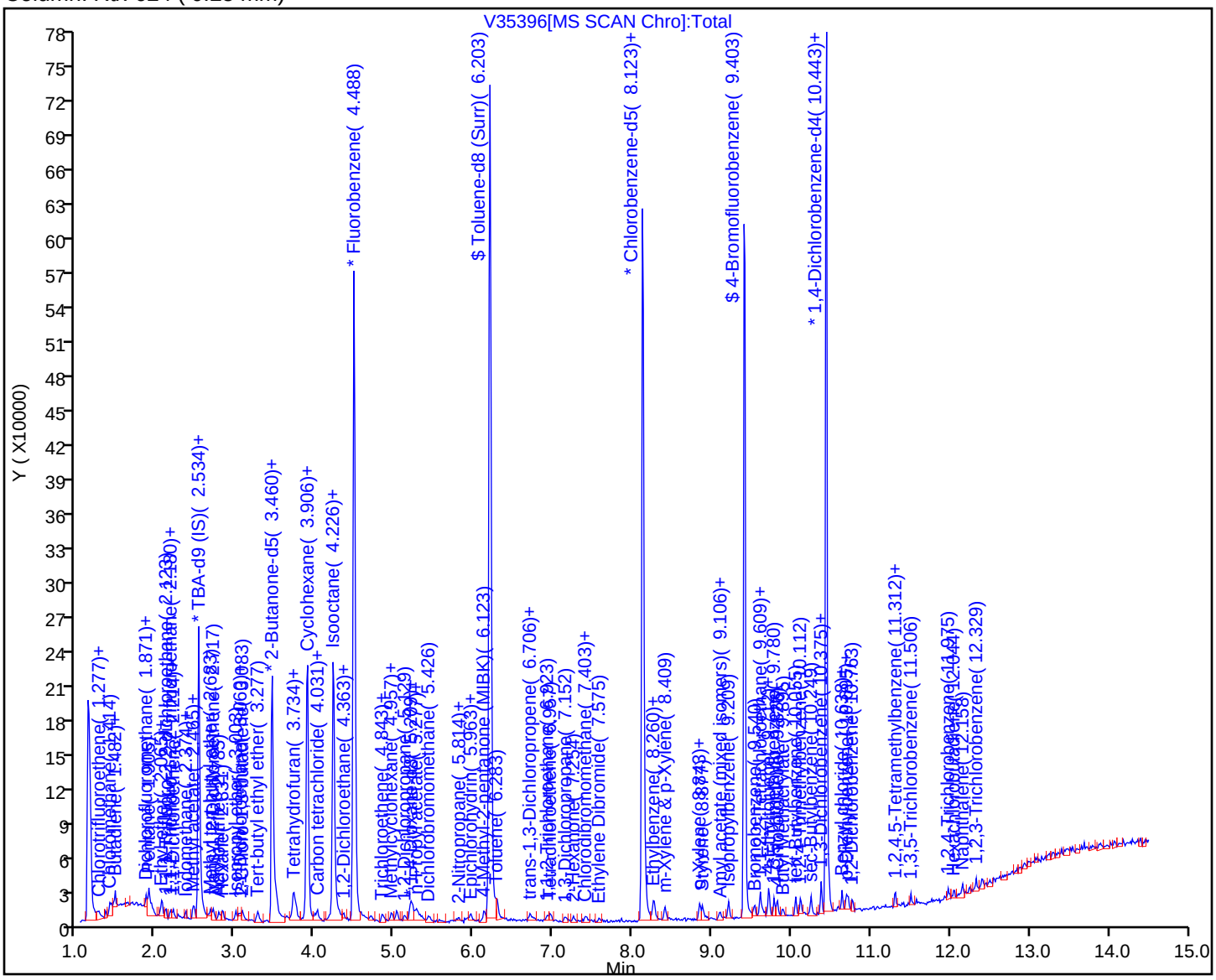
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35397.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 13-Apr-2023 13:37:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0159055-005
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:34:14 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:14:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	74	1417	1.00	0.9598	
4 1,1-Difluoroethane	65	1.254	1.265	-0.011	77	3249	1.00	1.33	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	98	7087	1.00	1.06	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	1324	1.00	1.19	
6 Chloromethane	50	1.403	1.414	-0.011	96	6055	1.00	1.10	
7 Vinyl chloride	62	1.460	1.460	0.000	96	7275	1.00	1.16	
8 Butadiene	54	1.471	1.483	-0.012	97	6668	1.00	1.16	
9 Bromomethane	94	1.677	1.677	0.000	97	2218	1.00	0.9606	M
10 Chloroethane	64	1.734	1.734	0.000	96	3990	1.00	1.06	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	98	9785	1.00	1.08	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	96	8193	1.00	1.09	
13 Pentane	72	1.894	1.905	-0.011	97	3117	2.00	2.62	M
17 Ethanol	46	2.020	2.008	0.012	64	1025	40.0	44.0	Ma
14 Ethyl ether	74	2.043	2.043	0.000	94	3225	1.00	0.9703	
15 2-Methyl-1,3-butadiene	53	2.054	2.065	-0.011	97	5550	1.00	1.06	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.077	-0.011	89	4373	1.00	1.03	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	95	6758	1.00	0.9383	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	97	6092	1.00	1.21	
52 Acrolein	56	2.191	2.180	0.011	87	2691	4.00	3.32	
20 1,1-Dichloroethene	96	2.203	2.203	0.000	96	5043	1.00	1.01	
23 Acetone	43	2.271	2.271	0.000	89	9193	5.00	5.06	M
21 Iodomethane	142	2.328	2.328	0.000	95	1700	1.00	0.4203	
24 Isopropyl alcohol	45	2.340	2.328	0.012	62	3131	10.0	10.7	
22 Carbon disulfide	76	2.363	2.363	0.000	100	15215	1.00	0.9646	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	86	3870	1.00	1.06	
30 Methyl acetate	43	2.466	2.454	0.012	66	7255	2.00	1.68	
25 Cyclopentene	67	2.477	2.477	0.000	92	13062	1.00	1.04	
27 Acetonitrile	41	2.534	2.500	0.034	22	6782	10.0	9.08	a
* 28 TBA-d9 (IS)	66	2.523	2.534	-0.011	100	43422	1000.0	1000.0	
29 Methylene Chloride	84	2.557	2.557	0.000	88	6842	1.00	1.19	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	91	6190	10.0	11.6	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	14683	1.00	0.8923	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	95	5522	1.00	1.01	
35 Acrylonitrile	53	2.774	2.763	0.011	96	18323	10.0	8.81	
36 Hexane	57	2.831	2.831	0.000	91	6971	1.00	0.9746	
37 Isopropyl ether	45	2.991	2.991	0.000	98	14454	1.00	0.9286	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	98	10097	1.00	1.00	
40 Vinyl acetate	86	3.060	3.048	0.012	99	1758	2.00	1.71	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	4859	1.00	0.9616	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	89	14639	1.00	0.9037	
* 42 2-Butanone-d5	46	3.449	3.448	0.001	99	294121	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	76	2640	1.00	1.22	
45 cis-1,2-Dichloroethene	96	3.494	3.494	0.000	97	6663	1.00	1.09	
44 2-Butanone (MEK)	72	3.506	3.506	0.000	79	3568	5.00	5.14	
47 Ethyl acetate	70	3.517	3.506	0.011	92	1164	2.00	1.70	
46 Methyl acrylate	55	3.574	3.563	0.011	69	3964	1.00	0.8818	M
48 Propionitrile	54	3.654	3.620	0.034	92	7023	10.0	8.94	
50 Tetrahydrofuran	72	3.723	3.700	0.023	31	1883	2.00	2.29	
49 Chlorobromomethane	128	3.711	3.700	0.011	51	3098	1.00	1.21	
54 Methacrylonitrile	67	3.723	3.711	0.012	93	21705	10.0	8.77	
51 Chloroform	83	3.757	3.757	0.000	99	9977	1.00	1.02	
53 Cyclohexane	84	3.871	3.871	0.000	88	9524	1.00	1.08	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	78	8186	1.00	1.00	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	96	146954	50.0	52.2	
57 Carbon tetrachloride	117	3.997	3.997	0.000	96	6031	1.00	0.9580	
58 1,1-Dichloropropene	75	4.031	4.020	0.011	93	7403	1.00	0.9525	
61 Isobutyl alcohol	43	4.180	4.146	0.034	41	6564	25.0	22.2	Ma
64 Isooctane	57	4.180	4.169	0.011	99	12591	1.00	0.9326	
59 Benzene	78	4.214	4.214	0.000	97	21952	1.00	0.9499	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	97	178361	50.0	51.7	
66 Isopropyl acetate	87	4.260	4.260	0.000	78	4573	1.00	0.9131	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	88	15947	1.00	0.9644	
63 1,2-Dichloroethane	62	4.306	4.294	0.012	95	8646	1.00	1.10	
65 n-Heptane	57	4.352	4.351	0.001	90	3090	1.00	1.03	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	575852	50.0	50.0	
70 n-Butanol	56	4.843	4.820	0.023	22	1529	25.0	12.1	M
69 Trichloroethene	95	4.843	4.843	0.000	96	5351	1.00	0.9433	
71 Ethyl acrylate	99	4.969	4.957	0.012	78	905	1.00	1.10	
72 Methylcyclohexane	83	4.957	4.957	0.000	93	8958	1.00	1.01	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	81	5932	1.00	1.12	M
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	86	29804	1000.0	1000.0	M
74 Methyl methacrylate	100	5.220	5.209	0.011	89	2572	2.00	1.72	
78 1,4-Dioxane	88	5.277	5.254	0.023	38	3472	50.0	51.7	M
77 n-Propyl acetate	43	5.289	5.266	0.023	95	6871	1.00	0.9301	M
75 Dibromomethane	93	5.266	5.266	0.000	88	3621	1.00	1.08	
76 Dichlorobromomethane	83	5.426	5.426	0.000	98	7061	1.00	1.02	
34 2-Nitropropane	41	5.769	5.757	0.012	85	2932	2.00	1.93	
79 2-Chloroethyl vinyl ether	63	5.803	5.780	0.023	70	2387	1.00	0.7554	
80 Epichlorohydrin	57	5.906	5.883	0.023	96	9509	20.0	15.4	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	95	8589	1.00	0.9427	
84 4-Methyl-2-pentanone (MIBK)	43	6.123	6.112	0.011	94	20098	5.00	4.29	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	630553	50.0	48.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.295	6.283	0.012	93	23102	1.00	0.9481	
85 trans-1,3-Dichloropropene	75	6.695	6.683	0.012	95	6009	1.00	0.7648	
86 Ethyl methacrylate	69	6.729	6.717	0.012	82	5631	1.00	0.8300	
87 1,1,2-Trichloroethane	83	6.923	6.912	0.011	90	4112	1.00	0.9821	
88 Tetrachloroethene	166	6.957	6.957	0.000	91	4788	1.00	1.00	
89 1,3-Dichloropropane	76	7.152	7.140	0.012	94	7765	1.00	0.9334	
91 2-Hexanone	43	7.243	7.220	0.023	96	12364	5.00	4.22	
92 n-Butyl acetate	43	7.392	7.369	0.023	86	3630	1.00	0.4566	
90 Chlorodibromomethane	129	7.415	7.403	0.012	94	3629	1.00	0.8527	
93 Ethylene Dibromide	107	7.575	7.563	0.012	97	3997	1.00	0.8395	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	419051	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	97	13414	1.00	0.9782	
97 Ethylbenzene	106	8.260	8.260	0.000	97	8133	1.00	1.04	
96 1,1,1,2-Tetrachloroethane	131	8.283	8.272	0.011	89	3336	1.00	0.8033	
98 m-Xylene & p-Xylene	106	8.409	8.398	0.011	96	9317	1.00	0.9782	
100 o-Xylene	106	8.843	8.843	0.000	93	9158	1.00	0.99	
99 n-Butyl acrylate	73	8.855	8.843	0.012	63	2739	1.00	0.7474	
101 Styrene	104	8.878	8.878	0.000	96	12950	1.00	0.8780	
102 Amyl acetate (mixed isomers)	43	9.095	9.083	0.012	92	5727	1.00	0.6206	
103 Bromoform	173	9.095	9.083	0.012	61	1921	1.00	0.8262	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	22359	1.00	0.9669	
$ 105 4-Bromofluorobenzene	174	9.415	9.415	0.000	0	159686	50.0	50.8	
107 Bromobenzene	156	9.541	9.529	0.012	92	4712	1.00	0.9502	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	96	5033	1.00	0.8054	
109 N-Propylbenzene	91	9.609	9.609	0.000	99	26274	1.00	0.9402	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	92	1789	1.00	0.9325	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	72	1922	1.00	1.02	
114 2-Chlorotoluene	91	9.712	9.701	0.011	96	18068	1.00	0.9519	
113 4-Ethyltoluene	105	9.723	9.712	0.011	97	20699	1.00	0.9188	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	92	16734	1.00	0.9020	
110 4-Chlorotoluene	91	9.815	9.815	0.000	98	16907	1.00	0.9340	
117 Butyl Methacrylate	87	9.895	9.883	0.012	91	4341	1.00	0.7218	
118 tert-Butylbenzene	119	10.055	10.055	0.000	93	14629	1.00	0.9547	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	97	18781	1.00	0.9677	
120 sec-Butylbenzene	105	10.249	10.249	0.000	98	20226	1.00	0.9065	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	98	15974	1.00	0.8973	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	88	8094	1.00	0.9093	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.443	0.001	98	191598	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	92	9804	1.00	1.02	
123 1,2,3-Trimethylbenzene	105	10.478	10.466	0.012	98	17865	1.00	0.9142	
125 Benzyl chloride	91	10.581	10.581	0.000	97	7806	1.00	0.6164	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	92	16015	1.00	0.8736	
126 p-Diethylbenzene	119	10.695	10.683	0.012	92	9089	1.00	0.8610	
127 n-Butylbenzene	92	10.718	10.706	0.012	96	7812	1.00	0.8344	
128 1,2-Dichlorobenzene	146	10.764	10.763	0.001	93	8023	1.00	0.9159	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	14001	1.00	0.9204	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	52	879	1.00	0.7656	
132 1,3,5-Trichlorobenzene	180	11.507	11.506	0.000	93	4958	1.00	0.9414	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	94	4482	1.00	0.9600	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	88	1885	1.00	1.11	
134 Naphthalene	128	12.158	12.146	0.012	99	14261	1.00	0.9315	
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	93	3870	1.00	0.9163	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.10	
S 137 Xylenes, Total	100				0		2.00	1.97	
S 138 1,3-Dichloropropene, Total	1				0		2.00	1.71	
S 139 Total BTEX	1				0		5.00	4.90	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 10.00	Units: uL		
524freon_00067	Amount Added: 10.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00524	Amount Added: 10.00	Units: uL		
14DIOXINTER_00155	Amount Added: 30.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00236	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 13-Apr-2023 20:34:15 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35397.D

Injection Date: 13-Apr-2023 13:37:30 Instrument ID: CVOAMS7

Lims ID: STD1

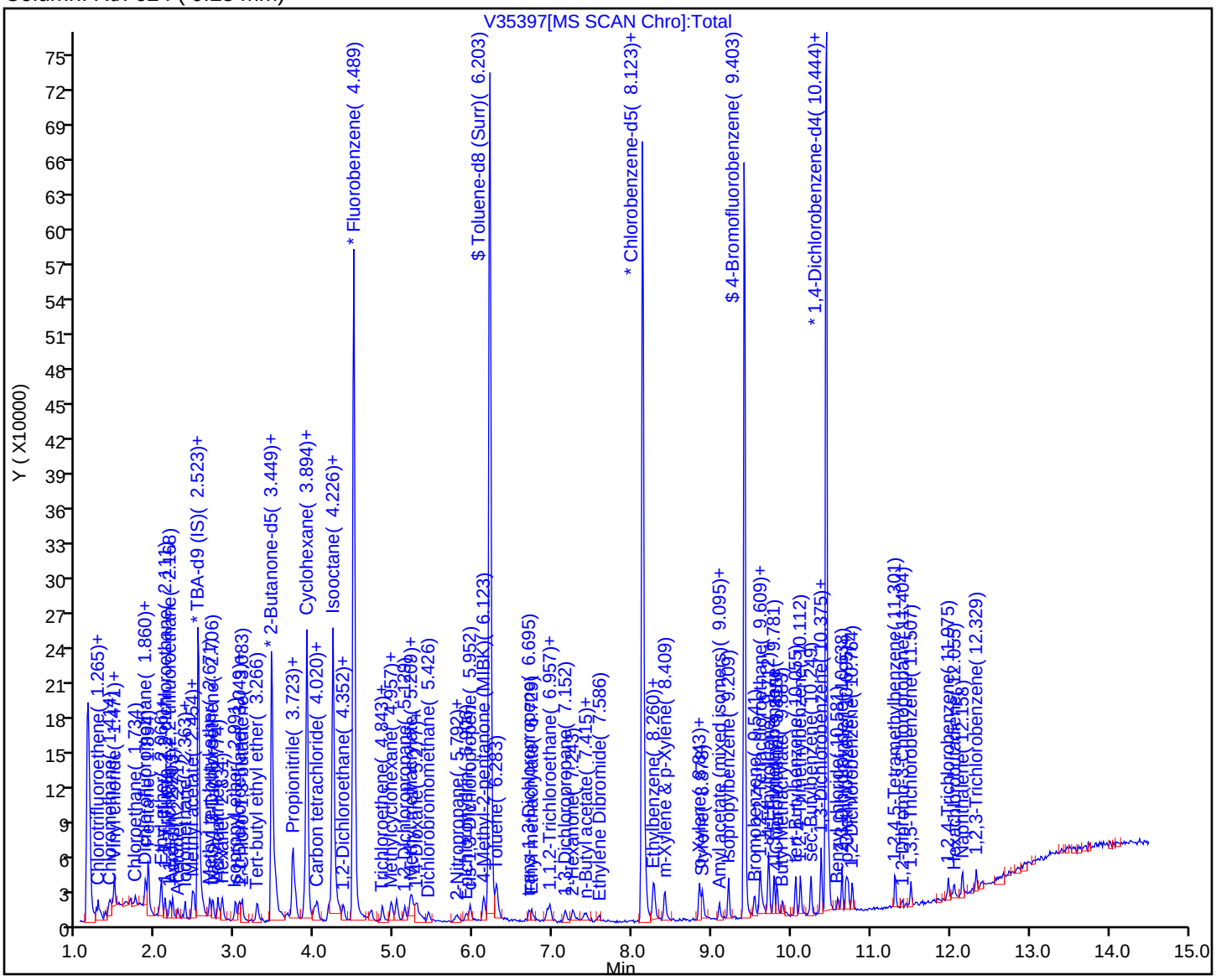
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35398.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 13-Apr-2023 13:58:30 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0159055-006
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:34:21 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:08:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	64	1151	5.00	5.83	Ma
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	93	7273	5.00	4.88	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	72	12657	5.00	5.15	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	98	36300	5.00	5.37	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	100	5554	5.00	4.96	
6 Chloromethane	50	1.414	1.414	0.000	98	27789	5.00	5.01	
7 Vinyl chloride	62	1.460	1.460	0.000	98	32860	5.00	5.19	
8 Butadiene	54	1.471	1.483	-0.012	98	31367	5.00	5.40	
9 Bromomethane	94	1.677	1.677	0.000	97	12604	5.00	5.41	
10 Chloroethane	64	1.734	1.734	0.000	99	19947	5.00	5.24	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	97	48986	5.00	5.38	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	42469	5.00	5.62	
13 Pentane	72	1.894	1.905	-0.011	96	12844	10.0	10.7	
17 Ethanol	46	2.008	2.008	0.000	88	5303	200.0	230.2	
14 Ethyl ether	74	2.043	2.043	0.000	93	18378	5.00	5.48	
15 2-Methyl-1,3-butadiene	53	2.066	2.065	0.001	98	28929	5.00	5.46	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.077	-0.011	93	22041	5.00	5.17	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	39315	5.00	5.41	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	94	27335	5.00	5.39	
52 Acrolein	56	2.180	2.180	0.000	97	14225	20.0	17.4	
20 1,1-Dichloroethene	96	2.203	2.203	0.000	98	27081	5.00	5.38	
23 Acetone	43	2.271	2.271	0.000	87	44592	25.0	26.7	
21 Iodomethane	142	2.328	2.328	0.000	98	9888	5.00	2.42	
24 Isopropyl alcohol	45	2.340	2.328	0.012	92	15453	50.0	53.4	
22 Carbon disulfide	76	2.363	2.363	0.000	100	87188	5.00	5.48	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	93	19297	5.00	5.24	
30 Methyl acetate	43	2.454	2.454	0.000	97	45115	10.0	10.3	
25 Cyclopentene	67	2.477	2.477	0.000	96	66453	5.00	5.25	
27 Acetonitrile	41	2.511	2.500	0.011	94	38706	50.0	56.3	
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	42984	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	89	32949	5.00	5.66	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	96	30688	50.0	57.9	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	96	90117	5.00	5.43	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	95	29090	5.00	5.29	
35 Acrylonitrile	53	2.763	2.763	0.000	96	116871	50.0	55.7	
36 Hexane	57	2.831	2.831	0.000	93	35795	5.00	4.96	
37 Isopropyl ether	45	2.991	2.991	0.000	95	83706	5.00	5.33	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	99	56170	5.00	5.54	
40 Vinyl acetate	86	3.048	3.048	0.000	99	10455	10.0	11.0	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	93	28954	5.00	5.68	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	89	87718	5.00	5.37	
* 42 2-Butanone-d5	46	3.449	3.448	0.001	99	270983	250.0	250.0	
43 2,2-Dichloropropane	97	3.460	3.471	-0.011	92	10996	5.00	5.04	
45 cis-1,2-Dichloroethene	96	3.506	3.494	0.012	97	31854	5.00	5.15	
44 2-Butanone (MEK)	72	3.506	3.506	0.000	96	18614	25.0	29.1	
47 Ethyl acetate	70	3.506	3.506	0.000	93	7031	10.0	11.1	
46 Methyl acrylate	55	3.563	3.563	0.000	99	22350	5.00	4.93	
48 Propionitrile	54	3.631	3.620	0.011	98	43709	50.0	55.2	
50 Tetrahydrofuran	72	3.711	3.700	0.011	71	8238	10.0	9.92	
49 Chlorobromomethane	128	3.711	3.700	0.011	90	13439	5.00	5.18	
54 Methacrylonitrile	67	3.711	3.711	0.000	93	135858	50.0	54.4	
51 Chloroform	83	3.757	3.757	0.000	97	53106	5.00	5.38	
53 Cyclohexane	84	3.871	3.871	0.000	92	49663	5.00	5.57	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	45772	5.00	5.54	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	139891	50.0	49.3	
57 Carbon tetrachloride	117	3.997	3.997	0.000	97	33746	5.00	5.32	
58 1,1-Dichloropropene	75	4.031	4.020	0.011	97	41833	5.00	5.34	
61 Isobutyl alcohol	43	4.157	4.146	0.011	51	39903	125.0	136.3	a
64 Isooctane	57	4.169	4.169	0.000	96	73537	5.00	5.40	
59 Benzene	78	4.214	4.214	0.000	94	120989	5.00	5.30	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	97	164675	50.0	47.3	
66 Isopropyl acetate	87	4.260	4.260	0.000	93	26545	5.00	5.26	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	89	85240	5.00	5.11	
63 1,2-Dichloroethane	62	4.306	4.294	0.012	97	42017	5.00	5.32	
65 n-Heptane	57	4.351	4.351	0.000	91	15783	5.00	5.24	
* 67 Fluorobenzene	96	4.489	4.489	0.000	99	580755	50.0	50.0	
70 n-Butanol	56	4.877	4.820	0.057	86	6949	125.0	55.6	
69 Trichloroethene	95	4.843	4.843	0.000	97	29902	5.00	5.23	
71 Ethyl acrylate	99	4.969	4.957	0.012	95	4501	5.00	5.44	
72 Methylcyclohexane	83	4.957	4.957	0.000	90	48462	5.00	5.41	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	88	26675	5.00	4.99	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	51	29987	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	90	16155	10.0	10.7	
78 1,4-Dioxane	88	5.266	5.254	0.012	38	7979	100.0	118.1	M
77 n-Propyl acetate	43	5.277	5.266	0.011	97	35560	5.00	4.77	
75 Dibromomethane	93	5.266	5.266	0.000	93	18223	5.00	5.38	
76 Dichlorobromomethane	83	5.426	5.426	0.000	99	37615	5.00	5.37	
34 2-Nitropropane	41	5.769	5.757	0.012	96	13062	10.0	8.51	
79 2-Chloroethyl vinyl ether	63	5.792	5.780	0.012	95	16468	5.01	5.17	
80 Epichlorohydrin	57	5.894	5.883	0.011	99	64895	100.0	114.0	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	95	46558	5.00	5.18	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	96	126330	25.0	29.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	640748	50.0	49.5	
83 Toluene	91	6.283	6.283	0.000	93	125642	5.00	5.22	
85 trans-1,3-Dichloropropene	75	6.695	6.683	0.012	98	40406	5.00	5.21	
86 Ethyl methacrylate	69	6.717	6.717	0.000	88	33689	5.00	5.03	
87 1,1,2-Trichloroethane	83	6.923	6.912	0.011	96	22029	5.00	5.33	
88 Tetrachloroethene	166	6.957	6.957	0.000	92	26643	5.00	5.62	
89 1,3-Dichloropropane	76	7.152	7.140	0.012	94	45004	5.00	5.48	
91 2-Hexanone	43	7.220	7.220	0.000	95	79351	25.0	29.4	
92 n-Butyl acetate	43	7.369	7.369	0.000	98	36932	5.00	4.70	
90 Chlorodibromomethane	129	7.415	7.403	0.012	98	21471	5.00	5.11	
93 Ethylene Dibromide	107	7.563	7.563	0.000	100	23405	5.00	4.98	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	88	413707	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	95	74323	5.00	5.49	
97 Ethylbenzene	106	8.260	8.260	0.000	98	41570	5.00	5.36	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	93	21577	5.00	5.26	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	98	50104	5.00	5.33	
100 o-Xylene	106	8.843	8.843	0.000	93	50277	5.00	5.51	
99 n-Butyl acrylate	73	8.843	8.843	0.000	95	18058	5.00	4.99	
101 Styrene	104	8.878	8.878	0.000	95	77505	5.00	5.32	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	92	40503	5.00	4.62	
103 Bromoform	173	9.095	9.083	0.012	60	11327	5.00	4.93	
104 Isopropylbenzene	105	9.209	9.209	0.000	95	126644	5.00	5.55	
$ 105 4-Bromofluorobenzene	174	9.403	9.415	-0.012	0	153180	50.0	49.4	
107 Bromobenzene	156	9.529	9.529	0.000	94	26197	5.00	5.56	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	97	32439	5.00	5.46	
109 N-Propylbenzene	91	9.609	9.609	0.000	99	150195	5.00	5.65	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	96	9777	5.00	5.36	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	86	7823	5.00	4.38	
114 2-Chlorotoluene	91	9.712	9.701	0.011	96	100657	5.00	5.58	
113 4-Ethyltoluene	105	9.712	9.712	0.000	98	123353	5.00	5.76	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	92	98702	5.00	5.60	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	96164	5.00	5.59	
117 Butyl Methacrylate	87	9.883	9.883	0.000	91	27902	5.00	4.88	
118 tert-Butylbenzene	119	10.055	10.055	0.000	93	83764	5.00	5.75	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	101767	5.00	5.51	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	119260	5.00	5.62	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	97155	5.00	5.74	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	72	50477	5.00	5.96	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.443	0.001	98	182175	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	95	51917	5.00	5.66	
123 1,2,3-Trimethylbenzene	105	10.478	10.466	0.012	99	104215	5.00	5.61	
125 Benzyl chloride	91	10.581	10.581	0.000	97	49211	5.00	4.09	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	95	100455	5.00	5.76	
126 p-Diethylbenzene	119	10.695	10.683	0.012	91	55660	5.00	5.55	
127 n-Butylbenzene	92	10.706	10.706	0.000	98	49023	5.00	5.51	
128 1,2-Dichlorobenzene	146	10.764	10.763	0.001	93	48860	5.00	5.87	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	97	79250	5.00	5.48	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	92	5389	5.00	4.94	
132 1,3,5-Trichlorobenzene	180	11.506	11.506	0.000	95	27457	5.00	5.48	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	93	24178	5.00	5.45	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	89	8479	5.00	5.23	
134 Naphthalene	128	12.158	12.146	0.012	99	79947	5.00	5.49	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	94	21574	5.00	5.37	
S 136 1,2-Dichloroethene, Total	100				0		10.0	10.4	
S 137 Xylenes, Total	100				0		10.0	10.8	
S 138 1,3-Dichloropropene, Total	1				0		10.0	10.4	
S 139 Total BTEX	1				0		25.0	26.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

GASES Li_00524	Amount Added: 10.00	Units: uL		
8260MIX1COMB_00168	Amount Added: 10.00	Units: uL		
524freon_00067	Amount Added: 10.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00236	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 13-Apr-2023 20:34:22 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35398.D

Injection Date: 13-Apr-2023 13:58:30 Instrument ID: CVOAMS7

Lims ID: STD5

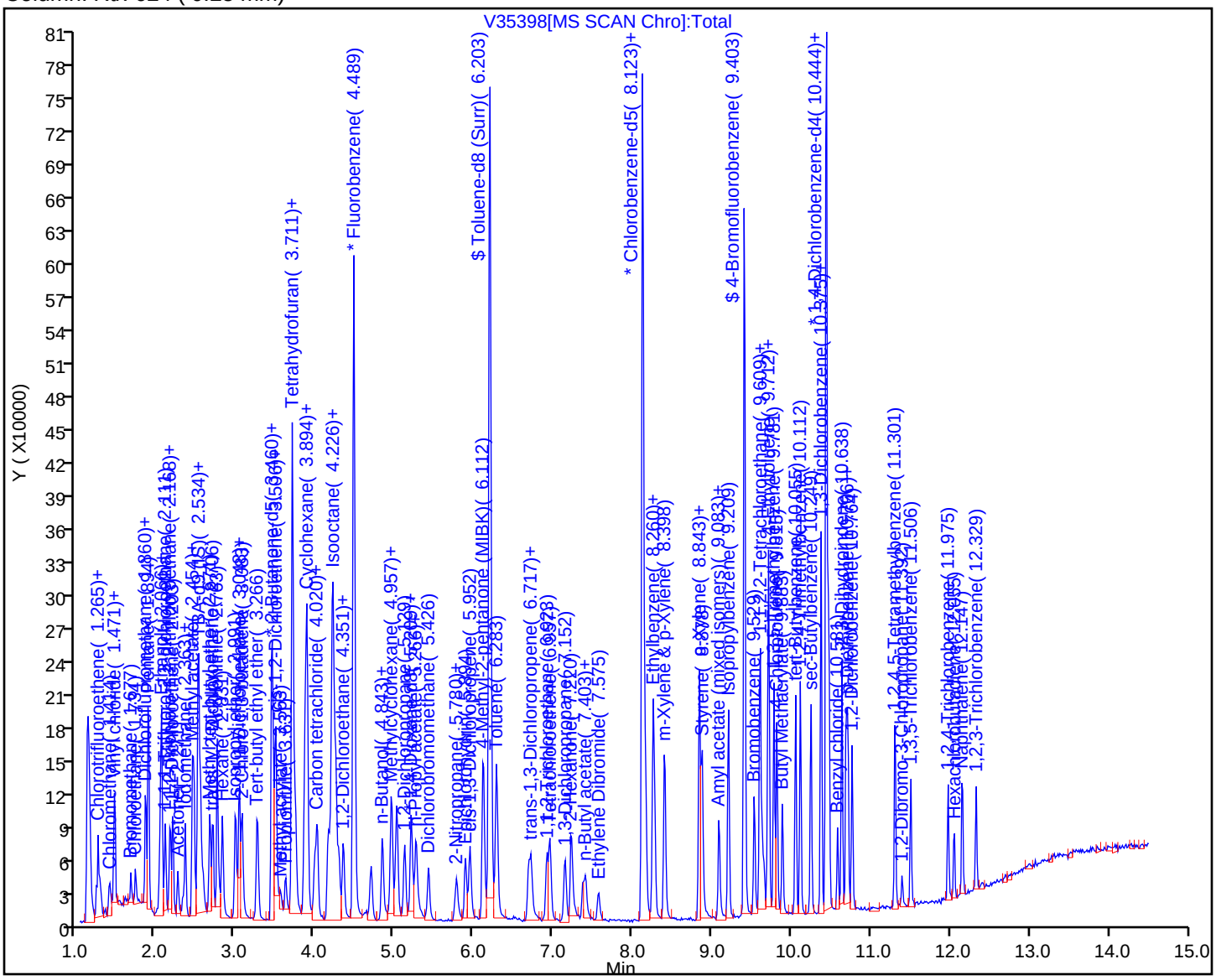
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35399.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 4
Inject. Date: 13-Apr-2023 14:19:30 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0159055-007
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:34:28 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:07:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	70	4153	20.0	20.6	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	92	31945	20.0	21.0	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	71	50573	20.0	20.1	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	150327	20.0	21.8	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	100	22894	20.0	20.0	
6 Chloromethane	50	1.414	1.414	0.000	99	117371	20.0	20.7	
7 Vinyl chloride	62	1.460	1.460	0.000	98	139573	20.0	21.6	
8 Butadiene	54	1.483	1.483	0.000	97	134707	20.0	22.7	
9 Bromomethane	94	1.677	1.677	0.000	98	56174	20.0	23.6	
10 Chloroethane	64	1.734	1.734	0.000	98	87492	20.0	22.5	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	205545	20.0	22.1	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	170416	20.0	22.1	
13 Pentane	72	1.905	1.905	0.000	96	53275	40.0	43.5	
17 Ethanol	46	2.008	2.008	0.000	97	20732	800.0	793.4	
14 Ethyl ether	74	2.043	2.043	0.000	95	74506	20.0	21.8	
15 2-Methyl-1,3-butadiene	53	2.065	2.065	0.000	97	122008	20.0	22.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.077	0.000	93	93026	20.0	21.3	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	163712	20.0	22.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	93	118734	20.0	22.9	
52 Acrolein	56	2.180	2.180	0.000	94	36265	40.0	43.4	
20 1,1-Dichloroethene	96	2.203	2.203	0.000	97	110346	20.0	21.5	
23 Acetone	43	2.271	2.271	0.000	87	179261	100.0	93.2	
21 Iodomethane	142	2.328	2.328	0.000	100	52928	20.0	12.7	
24 Isopropyl alcohol	45	2.328	2.328	0.000	97	78028	200.0	238.0	
22 Carbon disulfide	76	2.363	2.363	0.000	99	350528	20.0	21.6	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	90	79043	20.0	21.0	
30 Methyl acetate	43	2.454	2.454	0.000	97	189527	40.0	42.5	
25 Cyclopentene	67	2.477	2.477	0.000	97	290336	20.0	22.4	
27 Acetonitrile	41	2.500	2.500	0.000	96	158041	200.0	199.8	a
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	48750	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	91	120864	20.0	20.3	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	99	124404	200.0	206.9	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	366231	20.0	21.6	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	95	120768	20.0	21.5	
35 Acrylonitrile	53	2.763	2.763	0.000	95	498114	200.0	232.4	
36 Hexane	57	2.831	2.831	0.000	93	166894	20.0	22.6	
37 Isopropyl ether	45	2.991	2.991	0.000	97	357015	20.0	22.3	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	99	220336	20.0	21.3	
40 Vinyl acetate	86	3.048	3.048	0.000	99	51210	40.0	47.0	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	116106	20.0	22.3	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	89	372396	20.0	22.3	
* 42 2-Butanone-d5	46	3.448	3.448	0.000	98	311560	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	95	42254	20.0	19.0	
45 cis-1,2-Dichloroethene	96	3.494	3.494	0.000	91	132557	20.0	21.0	
44 2-Butanone (MEK)	72	3.506	3.506	0.000	96	81652	100.0	111.0	
47 Ethyl acetate	70	3.506	3.506	0.000	94	29071	40.0	40.1	
46 Methyl acrylate	55	3.563	3.563	0.000	99	98198	20.0	21.2	
48 Propionitrile	54	3.620	3.620	0.000	97	187730	200.0	231.9	
50 Tetrahydrofuran	72	3.700	3.700	0.000	72	38310	40.0	45.1	
49 Chlorobromomethane	128	3.700	3.700	0.000	94	55463	20.0	20.9	
54 Methacrylonitrile	67	3.711	3.711	0.000	93	557518	200.0	218.5	
51 Chloroform	83	3.757	3.757	0.000	99	210225	20.0	20.8	
53 Cyclohexane	84	3.871	3.871	0.000	90	203113	20.0	22.3	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	184576	20.0	21.9	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	96	155565	50.0	53.6	
57 Carbon tetrachloride	117	3.997	3.997	0.000	97	140482	20.0	21.7	
58 1,1-Dichloropropene	75	4.020	4.020	0.000	96	176011	20.0	22.0	
61 Isobutyl alcohol	43	4.146	4.146	0.000	94	192797	500.0	580.6	a
64 Isooctane	57	4.169	4.169	0.000	99	308441	20.0	22.2	
59 Benzene	78	4.214	4.214	0.000	97	501714	20.0	21.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	97	199081	50.0	56.0	
66 Isopropyl acetate	87	4.260	4.260	0.000	95	112247	20.0	21.7	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	91	351366	20.0	20.6	
63 1,2-Dichloroethane	62	4.294	4.294	0.000	97	166703	20.0	20.7	
65 n-Heptane	57	4.351	4.351	0.000	93	68086	20.0	22.1	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	593434	50.0	50.0	
70 n-Butanol	56	4.820	4.820	0.000	89	55896	500.0	395.9	
69 Trichloroethene	95	4.843	4.843	0.000	96	122212	20.0	20.9	
71 Ethyl acrylate	99	4.957	4.957	0.000	94	18523	20.0	21.9	
72 Methylcyclohexane	83	4.957	4.957	0.000	83	207789	20.0	22.7	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	88	114242	20.0	20.9	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	45	32331	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	87	71831	40.0	46.5	
78 1,4-Dioxane	88	5.254	5.254	0.000	28	30162	400.0	414.2	M
77 n-Propyl acetate	43	5.266	5.266	0.000	97	168235	20.0	22.1	
75 Dibromomethane	93	5.266	5.266	0.000	59	71281	20.0	20.6	
76 Dichlorobromomethane	83	5.426	5.426	0.000	99	152111	20.0	21.3	
34 2-Nitropropane	41	5.757	5.757	0.000	99	60146	40.0	38.4	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	96	73432	20.0	22.5	
80 Epichlorohydrin	57	5.883	5.883	0.000	99	283338	400.0	432.7	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	93	197850	20.0	21.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	97	556006	100.0	111.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	716226	50.0	54.1	
83 Toluene	91	6.283	6.283	0.000	93	515605	20.0	21.0	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	97	176652	20.0	22.3	
86 Ethyl methacrylate	69	6.717	6.717	0.000	88	148784	20.0	21.7	
87 1,1,2-Trichloroethane	83	6.912	6.912	0.000	95	89928	20.0	21.3	
88 Tetrachloroethene	166	6.957	6.957	0.000	93	103088	20.0	21.2	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	94	184935	20.0	22.0	
91 2-Hexanone	43	7.220	7.220	0.000	95	357956	100.0	115.4	
92 n-Butyl acetate	43	7.369	7.369	0.000	98	173887	20.0	21.6	
90 Chlorodibromomethane	129	7.403	7.403	0.000	98	90707	20.0	21.1	
93 Ethylene Dibromide	107	7.563	7.563	0.000	96	106096	20.0	22.1	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	88	423061	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	93	299530	20.0	21.6	
97 Ethylbenzene	106	8.260	8.260	0.000	99	169445	20.0	21.4	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	93	89240	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	97	209743	20.0	21.8	
100 o-Xylene	106	8.843	8.843	0.000	94	206916	20.0	22.2	
99 n-Butyl acrylate	73	8.843	8.843	0.000	97	84440	20.0	22.8	
101 Styrene	104	8.878	8.878	0.000	95	341091	20.0	22.9	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	91	183084	20.0	19.7	
103 Bromoform	173	9.083	9.083	0.000	93	49900	20.0	21.3	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	512357	20.0	21.9	
$ 105 4-Bromofluorobenzene	174	9.415	9.415	0.000	0	175474	50.0	55.3	
107 Bromobenzene	156	9.529	9.529	0.000	95	107877	20.0	21.6	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	98	138487	20.0	22.0	
109 N-Propylbenzene	91	9.609	9.609	0.000	98	620430	20.0	22.1	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	97	39963	20.0	20.7	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	89	36203	20.0	19.2	
114 2-Chlorotoluene	91	9.701	9.701	0.000	96	418468	20.0	21.9	
113 4-Ethyltoluene	105	9.712	9.712	0.000	97	497082	20.0	21.9	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	92	417094	20.0	22.4	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	383899	20.0	21.1	
117 Butyl Methacrylate	87	9.883	9.883	0.000	93	129961	20.0	21.5	
118 tert-Butylbenzene	119	10.055	10.055	0.000	93	340115	20.0	22.1	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	422298	20.0	21.6	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	493911	20.0	22.0	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	408198	20.0	22.8	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	73	204037	20.0	22.8	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	97	192672	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	92	207789	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	10.466	10.466	0.000	99	439984	20.0	22.4	
125 Benzyl chloride	91	10.581	10.581	0.000	98	235643	20.0	18.5	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	95	406258	20.0	22.0	
126 p-Diethylbenzene	119	10.683	10.683	0.000	93	241300	20.0	22.7	
127 n-Butylbenzene	92	10.706	10.706	0.000	98	210844	20.0	22.4	
128 1,2-Dichlorobenzene	146	10.763	10.763	0.000	93	190813	20.0	21.7	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	97	324657	20.0	21.2	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	93	23734	20.0	20.6	
132 1,3,5-Trichlorobenzene	180	11.506	11.506	0.000	96	114164	20.0	21.6	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	94	98443	20.0	21.0	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	92	35467	20.0	20.7	
134 Naphthalene	128	12.146	12.146	0.000	99	326728	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	95	89123	20.0	21.0	
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.5	
S 137 Xylenes, Total	100				0		40.0	44.0	
S 138 1,3-Dichloropropene, Total	1				0		40.0	43.8	
S 139 Total BTEX	1				0		100.0	107.8	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00067	Amount Added: 20.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00524	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00236	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 13-Apr-2023 20:34:29 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35399.D

Injection Date: 13-Apr-2023 14:19:30 Instrument ID: CVOAMS7

Lims ID: STD20

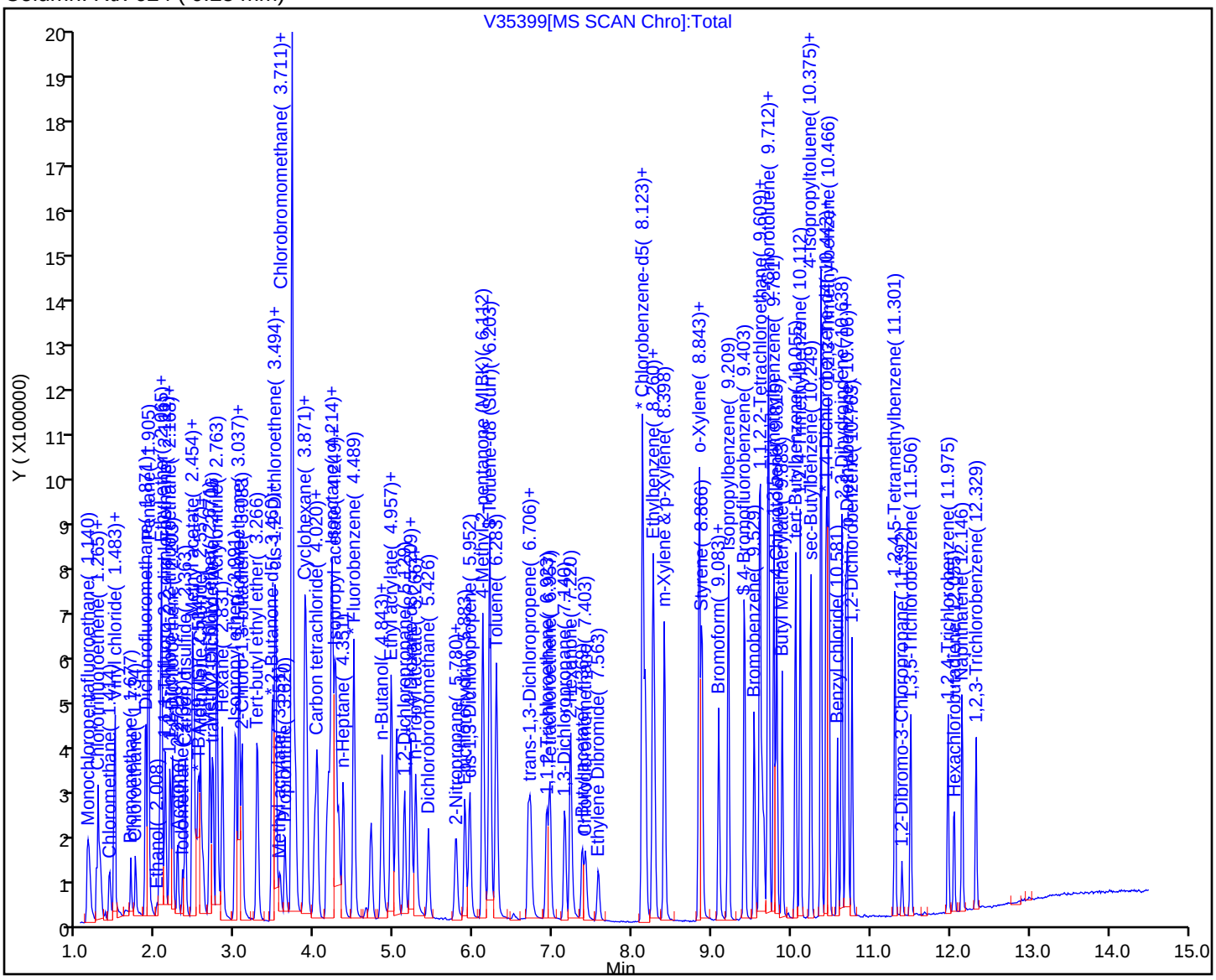
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35400.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 13-Apr-2023 14:40:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0159055-008
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:34:36 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:21:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	79	10526	50.0	46.1	
3 Chlorotrifluoroethene	116	1.254	1.243	0.011	88	74078	50.0	43.0	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	93	119493	50.0	42.0	
5 Dichlorodifluoromethane	85	1.277	1.265	0.012	98	356613	50.0	45.6	
2 Chlorodifluoromethane	67	1.300	1.288	0.012	100	53147	50.0	41.0	
6 Chloromethane	50	1.414	1.414	0.000	99	283728	50.0	44.2	
7 Vinyl chloride	62	1.471	1.460	0.011	98	347360	50.0	47.4	
8 Butadiene	54	1.483	1.483	0.000	96	350784	50.0	51.8	
9 Bromomethane	94	1.677	1.677	0.000	98	111087	50.0	41.2	
10 Chloroethane	64	1.734	1.734	0.000	100	215851	50.0	49.0	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	501481	50.0	47.6	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	416113	50.0	47.6	
13 Pentane	72	1.905	1.905	0.000	96	130558	100.0	94.1	
17 Ethanol	46	2.008	2.008	0.000	98	59729	2000.0	2060.5	
14 Ethyl ether	74	2.043	2.043	0.000	95	185541	50.0	47.8	
15 2-Methyl-1,3-butadiene	53	2.065	2.065	0.000	97	300731	50.0	49.1	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.077	0.000	94	226752	50.0	45.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	403467	50.0	48.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	94	284271	50.0	48.4	
52 Acrolein	56	2.180	2.180	0.000	95	91884	100.0	97.2	
20 1,1-Dichloroethene	96	2.214	2.203	0.011	96	274332	50.0	47.1	
23 Acetone	43	2.271	2.271	0.000	87	459489	250.0	213.9	
21 Iodomethane	142	2.328	2.328	0.000	98	183198	50.0	38.8	
24 Isopropyl alcohol	45	2.340	2.328	0.012	95	179405	500.0	493.2	
22 Carbon disulfide	76	2.363	2.363	0.000	100	894295	50.0	48.6	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	90	196246	50.0	46.1	
30 Methyl acetate	43	2.454	2.454	0.000	97	496091	100.0	98.3	
25 Cyclopentene	67	2.477	2.477	0.000	96	722745	50.0	49.3	
27 Acetonitrile	41	2.500	2.500	0.000	99	419179	500.0	474.3	a
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	54083	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	92	292080	50.0	43.4	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	98	330097	500.0	494.9	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	927990	50.0	48.3	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	96	306308	50.0	48.2	
35 Acrylonitrile	53	2.763	2.763	0.000	95	1270807	500.0	523.5	
36 Hexane	57	2.831	2.831	0.000	92	428380	50.0	51.3	
37 Isopropyl ether	45	3.003	2.991	0.012	97	918418	50.0	50.6	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	68	559060	50.0	47.7	
40 Vinyl acetate	86	3.037	3.048	-0.011	99	126991	100.0	104.2	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	297233	50.0	50.4	
41 Tert-butyl ethyl ether	59	3.277	3.266	0.011	89	951814	50.0	50.3	
* 42 2-Butanone-d5	46	3.448	3.448	0.000	98	348084	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	97	108003	50.0	42.8	
45 cis-1,2-Dichloroethene	96	3.506	3.494	0.012	51	325489	50.0	45.5	
44 2-Butanone (MEK)	72	3.506	3.506	0.000	96	206219	250.0	251.0	
47 Ethyl acetate	70	3.506	3.506	0.000	92	80194	100.0	98.9	
46 Methyl acrylate	55	3.551	3.563	-0.012	100	272414	50.0	51.9	
48 Propionitrile	54	3.620	3.620	0.000	98	492800	500.0	537.7	
50 Tetrahydrofuran	72	3.700	3.700	0.000	87	94161	100.0	98.0	
49 Chlorobromomethane	128	3.711	3.700	0.011	96	132815	50.0	44.3	
54 Methacrylonitrile	67	3.711	3.711	0.000	92	1463882	500.0	506.7	
51 Chloroform	83	3.757	3.757	0.000	98	527396	50.0	46.1	
53 Cyclohexane	84	3.871	3.871	0.000	91	506065	50.0	49.1	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	466763	50.0	48.9	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	154611	50.0	47.1	
57 Carbon tetrachloride	117	3.997	3.997	0.000	96	362133	50.0	49.3	
58 1,1-Dichloropropene	75	4.031	4.020	0.011	96	454837	50.0	50.1	
61 Isobutyl alcohol	43	4.146	4.146	0.000	95	512486	1250.0	1391.1	a
64 Isooctane	57	4.169	4.169	0.000	99	790087	50.0	50.1	
59 Benzene	78	4.214	4.214	0.000	96	1271981	50.0	50.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	97	185489	50.0	46.1	
66 Isopropyl acetate	87	4.260	4.260	0.000	97	289594	50.0	49.5	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	95	960486	50.0	49.8	
63 1,2-Dichloroethane	62	4.294	4.294	0.000	98	422936	50.0	46.3	
65 n-Heptane	57	4.351	4.351	0.000	92	177752	50.0	51.0	
* 67 Fluorobenzene	96	4.489	4.489	0.000	99	672022	50.0	50.0	
70 n-Butanol	56	4.809	4.820	-0.011	88	181269	1250.0	1165.9	
69 Trichloroethene	95	4.843	4.843	0.000	96	319042	50.0	48.2	
71 Ethyl acrylate	99	4.957	4.957	0.000	95	50336	50.0	52.5	
72 Methylcyclohexane	83	4.957	4.957	0.000	80	522973	50.0	50.4	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	88	290868	50.0	47.0	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	44	34937	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	88	184149	100.0	105.3	
78 1,4-Dioxane	88	5.254	5.254	0.000	28	75692	1000.0	961.9	
77 n-Propyl acetate	43	5.266	5.266	0.000	98	444367	50.0	51.5	
75 Dibromomethane	93	5.266	5.266	0.000	54	179330	50.0	45.8	
76 Dichlorobromomethane	83	5.426	5.426	0.000	99	384031	50.0	47.4	
34 2-Nitropropane	41	5.757	5.757	0.000	99	174445	100.0	98.3	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	90	200580	50.1	54.4	
80 Epichlorohydrin	57	5.883	5.883	0.000	99	768987	1000.0	1051.2	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	93	510924	50.0	51.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	96	1454052	250.0	262.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	100	720847	50.0	50.7	
83 Toluene	91	6.283	6.283	0.000	93	1314021	50.0	49.7	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	98	460921	50.0	54.1	
86 Ethyl methacrylate	69	6.717	6.717	0.000	88	397520	50.0	54.0	
87 1,1,2-Trichloroethane	83	6.912	6.912	0.000	94	223872	50.0	49.3	
88 Tetrachloroethene	166	6.957	6.957	0.000	93	258021	50.0	49.5	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	94	462058	50.0	51.2	
91 2-Hexanone	43	7.209	7.220	-0.011	95	949548	250.0	273.9	
92 n-Butyl acetate	43	7.357	7.369	-0.012	99	436062	50.0	50.4	
90 Chlorodibromomethane	129	7.403	7.403	0.000	97	240033	50.0	52.0	
93 Ethylene Dibromide	107	7.563	7.563	0.000	98	269626	50.0	52.2	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	86	454367	50.0	50.0	
95 Chlorobenzene	112	8.157	8.158	-0.001	93	744596	50.0	50.1	
97 Ethylbenzene	106	8.260	8.260	0.000	99	424324	50.0	49.8	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	94	237083	50.0	52.6	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	97	523638	50.0	50.7	
100 o-Xylene	106	8.832	8.843	-0.011	93	509022	50.0	50.8	
99 n-Butyl acrylate	73	8.843	8.843	0.000	97	224536	50.0	56.5	
101 Styrene	104	8.866	8.878	-0.012	95	854368	50.0	53.4	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	91	486077	50.0	49.1	
103 Bromoform	173	9.083	9.083	0.000	94	140480	50.0	55.7	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	1290189	50.0	51.5	
$ 105 4-Bromofluorobenzene	174	9.403	9.415	-0.012	0	167455	50.0	49.1	
107 Bromobenzene	156	9.529	9.529	0.000	95	268237	50.0	50.4	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	98	340490	50.0	50.7	
109 N-Propylbenzene	91	9.609	9.609	0.000	99	1563933	50.0	52.1	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	97	101525	50.0	49.3	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	90	98167	50.0	48.7	
114 2-Chlorotoluene	91	9.701	9.701	-0.001	96	1041475	50.0	51.1	
113 4-Ethyltoluene	105	9.712	9.712	0.000	97	1262987	50.0	52.2	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	-0.001	92	1048430	50.0	52.6	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	972532	50.0	50.0	
117 Butyl Methacrylate	87	9.883	9.883	0.000	92	361098	50.0	55.9	
118 tert-Butylbenzene	119	10.055	10.055	0.000	92	839245	50.0	51.0	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	1080328	50.0	51.8	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	1263709	50.0	52.7	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	1041983	50.0	54.5	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	72	496145	50.0	51.9	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.443	0.000	97	205730	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	91	511892	50.0	49.4	
123 1,2,3-Trimethylbenzene	105	10.466	10.466	0.000	99	1099070	50.0	52.4	
125 Benzyl chloride	91	10.581	10.581	0.000	98	653272	50.0	47.7	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	94	1008513	50.0	51.2	
126 p-Diethylbenzene	119	10.683	10.683	0.000	92	606509	50.0	53.5	
127 n-Butylbenzene	92	10.706	10.706	0.000	97	523100	50.0	52.0	
128 1,2-Dichlorobenzene	146	10.763	10.763	0.000	94	476543	50.0	50.7	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	820518	50.0	50.2	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	95	61935	50.0	50.2	
132 1,3,5-Trichlorobenzene	180	11.506	11.506	0.000	96	282316	50.0	49.9	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	94	251084	50.0	50.1	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	92	90496	50.0	49.4	
134 Naphthalene	128	12.146	12.146	0.000	99	819010	50.0	49.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	94	222992	50.0	49.2	
S 136 1,2-Dichloroethene, Total	100				0		100.0	93.7	
S 137 Xylenes, Total	100				0		100.0	101.5	
S 138 1,3-Dichloropropene, Total	1				0		100.0	105.8	
S 139 Total BTEX	1				0		250.0	251.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

ACROLEIN W_00151	Amount Added:	10.00	Units: uL	
524freon_00067	Amount Added:	50.00	Units: uL	
8260MIX1COMB_00168	Amount Added:	50.00	Units: uL	
GASES Li_00524	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Apr-2023 20:34:37 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35400.D

Injection Date: 13-Apr-2023 14:40:30 Instrument ID: CVOAMS7

Lims ID: STD50

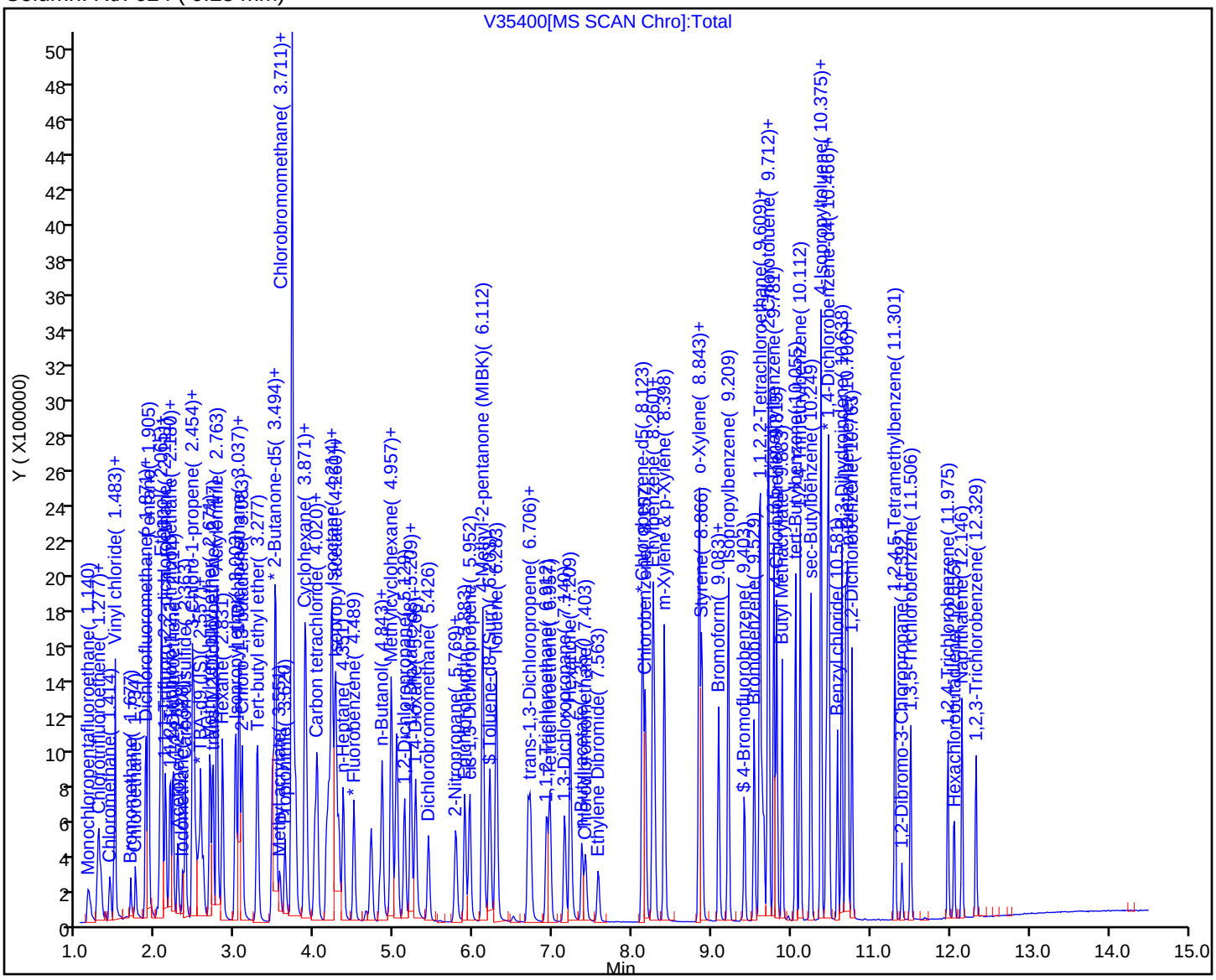
Client ID:

Operator ID: ALS Bottle#: 57 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35401.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 13-Apr-2023 15:01:30 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0159055-009
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:34:46 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:23:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	78	42621	200.0	176.2	
3 Chlorotrifluoroethene	116	1.254	1.243	0.011	89	345106	200.0	189.0	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	92	516822	200.0	171.4	
5 Dichlorodifluoromethane	85	1.277	1.265	0.012	98	1601239	200.0	193.1	
2 Chlorodifluoromethane	67	1.300	1.288	0.012	99	230578	200.0	167.9	
6 Chloromethane	50	1.414	1.414	0.000	99	1223391	200.0	179.7	
7 Vinyl chloride	62	1.460	1.460	0.000	98	1466408	200.0	188.8	
8 Butadiene	54	1.483	1.483	0.000	96	1460905	200.0	198.9	
9 Bromomethane	94	1.677	1.677	0.000	98	541797	200.0	189.7	
10 Chloroethane	64	1.734	1.734	0.000	100	851615	200.0	182.6	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	2050479	200.0	183.6	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	1570324	200.0	169.3	
13 Pentane	72	1.906	1.905	0.001	96	517631	400.0	352.1	
17 Ethanol	46	2.008	2.008	0.000	100	241385	8000.0	6865.1	Ma
14 Ethyl ether	74	2.043	2.043	0.000	95	767805	200.0	186.8	
15 2-Methyl-1,3-butadiene	53	2.066	2.065	0.001	97	1194845	200.0	183.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.077	0.000	93	908184	200.0	173.6	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	1684726	200.0	189.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	94	1092767	200.0	175.7	
52 Acrolein	56	2.180	2.180	0.000	95	213317	200.0	212.9	
20 1,1-Dichloroethene	96	2.214	2.203	0.011	97	1074898	200.0	174.2	
23 Acetone	43	2.271	2.271	0.000	86	2121258	1000.0	869.2	
21 Iodomethane	142	2.328	2.328	0.000	98	1032454	200.0	205.5	
24 Isopropyl alcohol	45	2.328	2.328	0.000	94	764847	2000.0	1733.4	
22 Carbon disulfide	76	2.363	2.363	0.000	99	3599032	200.0	184.5	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	84	769673	200.0	170.5	
30 Methyl acetate	43	2.454	2.454	0.000	98	2289916	400.0	428.3	
25 Cyclopentene	67	2.477	2.477	0.000	96	2881239	200.0	185.5	
27 Acetonitrile	41	2.500	2.500	0.000	95	2055110	2000.0	2046.9	a
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	65601	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	92	1204192	200.0	168.8	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	98	1434184	2000.0	1772.6	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	3963868	200.0	194.8	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	96	1231802	200.0	182.7	
35 Acrylonitrile	53	2.763	2.763	0.000	95	5458880	2000.0	2121.9	
36 Hexane	57	2.831	2.831	0.000	92	1654634	200.0	187.1	
37 Isopropyl ether	45	3.003	2.991	0.012	98	3900955	200.0	202.6	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	66	2273291	200.0	182.9	
40 Vinyl acetate	86	3.037	3.048	-0.011	100	523467	400.0	378.2	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	1184776	200.0	189.6	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	88	4019477	200.0	200.6	
* 42 2-Butanone-d5	46	3.449	3.448	0.001	96	395405	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	97	443699	200.0	165.9	
45 cis-1,2-Dichloroethene	96	3.506	3.494	0.012	97	1319331	200.0	174.0	
44 2-Butanone (MEK)	72	3.494	3.506	-0.012	96	889768	1000.0	953.2	
47 Ethyl acetate	70	3.494	3.506	-0.012	92	351974	400.0	382.3	
46 Methyl acrylate	55	3.551	3.563	-0.012	100	1242483	200.0	223.5	
48 Propionitrile	54	3.620	3.620	0.000	98	2084589	2000.0	2146.1	
50 Tetrahydrofuran	72	3.700	3.700	0.000	93	380547	400.0	373.6	
49 Chlorobromomethane	128	3.711	3.700	0.011	94	479350	200.0	150.8	
54 Methacrylonitrile	67	3.711	3.711	0.000	92	6179075	2000.0	2018.2	
51 Chloroform	83	3.757	3.757	0.000	98	2160464	200.0	178.3	
53 Cyclohexane	84	3.871	3.871	0.000	91	1963653	200.0	179.7	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	1919938	200.0	189.6	
$ 56 Dibromofluoromethane (Surr)	113	3.906	3.894	0.012	96	161971	50.0	46.5	
57 Carbon tetrachloride	117	3.997	3.997	0.000	98	1513526	200.0	194.4	
58 1,1-Dichloropropene	75	4.020	4.020	0.000	96	1849909	200.0	192.4	
61 Isobutyl alcohol	43	4.134	4.146	-0.012	99	2280789	5000.0	5104.1	
64 Isooctane	57	4.169	4.169	0.000	98	3113614	200.0	186.5	a
59 Benzene	78	4.214	4.214	0.000	96	5269169	200.0	193.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	94	198551	50.0	46.5	
66 Isopropyl acetate	87	4.260	4.260	0.000	98	1239776	200.0	200.2	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	97	4013522	200.0	196.3	
63 1,2-Dichloroethane	62	4.294	4.294	0.000	97	1750773	200.0	180.9	
65 n-Heptane	57	4.351	4.351	0.000	92	694293	200.0	187.9	
* 67 Fluorobenzene	96	4.489	4.489	0.000	99	712195	50.0	50.0	
70 n-Butanol	56	4.797	4.820	-0.023	87	917611	5000.0	5055.7	
69 Trichloroethene	95	4.843	4.843	0.000	96	1294597	200.0	184.5	
71 Ethyl acrylate	99	4.957	4.957	0.000	98	211333	200.0	208.1	
72 Methylcyclohexane	83	4.957	4.957	0.000	80	2020571	200.0	183.8	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	87	1223665	200.0	186.5	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	48	38626	1000.0	1000.0	M
74 Methyl methacrylate	100	5.209	5.209	0.000	89	797119	400.0	430.2	
78 1,4-Dioxane	88	5.254	5.254	0.000	85	319596	4000.0	3673.6	
77 n-Propyl acetate	43	5.266	5.266	0.000	98	1956745	200.0	214.2	
75 Dibromomethane	93	5.266	5.266	0.000	91	745447	200.0	179.5	
76 Dichlorobromomethane	83	5.426	5.426	0.000	99	1653039	200.0	192.4	
34 2-Nitropropane	41	5.757	5.757	0.000	99	845027	400.0	449.2	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	88	851588	200.5	217.9	
80 Epichlorohydrin	57	5.883	5.883	0.000	99	3231735	4000.0	3889.1	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	93	2146093	200.0	199.7	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	96	6213617	1000.0	985.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	759801	50.0	49.1	
83 Toluene	91	6.283	6.283	0.000	93	5427466	200.0	188.9	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	98	1976521	200.0	213.3	
86 Ethyl methacrylate	69	6.706	6.717	-0.011	90	1688861	200.0	211.1	
87 1,1,2-Trichloroethane	83	6.912	6.912	0.000	94	951227	200.0	192.7	
88 Tetrachloroethene	166	6.957	6.957	0.000	92	1054629	200.0	186.1	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	94	1942253	200.0	198.0	
91 2-Hexanone	43	7.209	7.220	-0.011	96	4153377	1000.0	1054.7	
92 n-Butyl acetate	43	7.357	7.369	-0.012	99	1893189	200.0	199.6	
90 Chlorodibromomethane	129	7.403	7.403	0.000	98	1071272	200.0	213.5	
93 Ethylene Dibromide	107	7.563	7.563	0.000	99	1125578	200.0	200.5	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	79	494162	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	93	3048238	200.0	188.5	
97 Ethylbenzene	106	8.260	8.260	0.000	99	1733968	200.0	187.2	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	95	989226	200.0	202.0	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	97	2132779	200.0	189.9	
100 o-Xylene	106	8.832	8.843	-0.011	93	2025189	200.0	185.8	
99 n-Butyl acrylate	73	8.843	8.843	0.000	97	969661	200.0	224.4	
101 Styrene	104	8.866	8.878	-0.012	95	3440434	200.0	197.8	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	92	2076801	200.0	200.4	
103 Bromoform	173	9.083	9.083	0.000	93	622524	200.0	227.0	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	5174593	200.0	189.8	
$ 105 4-Bromofluorobenzene	174	9.415	9.415	0.000	0	171643	50.0	46.3	
107 Bromobenzene	156	9.529	9.529	0.000	94	1064355	200.0	190.1	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	99	1432783	200.0	203.1	
109 N-Propylbenzene	91	9.609	9.609	0.000	98	6267520	200.0	198.6	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	98	421027	200.0	194.4	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	91	452633	200.0	213.6	
114 2-Chlorotoluene	91	9.712	9.701	0.011	95	4196336	200.0	195.8	
113 4-Ethyltoluene	105	9.712	9.712	0.000	97	4934446	200.0	194.0	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	91	4243776	200.0	202.6	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	3917312	200.0	191.7	
117 Butyl Methacrylate	87	9.883	9.883	0.000	91	1570236	200.0	231.2	
118 tert-Butylbenzene	119	10.055	10.055	0.000	92	3349359	200.0	193.6	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	4293748	200.0	196.0	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	4950367	200.0	196.5	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	3942219	200.0	196.1	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	72	1876249	200.0	186.7	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.443	0.001	94	216315	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	91	1952347	200.0	179.2	
123 1,2,3-Trimethylbenzene	105	10.466	10.466	0.000	100	4349888	200.0	197.2	
125 Benzyl chloride	91	10.581	10.581	0.000	98	2953184	200.0	201.1	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	94	3996056	200.0	193.1	
126 p-Diethylbenzene	119	10.684	10.683	0.001	90	2359083	200.0	197.9	
127 n-Butylbenzene	92	10.706	10.706	0.000	98	2077127	200.0	196.5	
128 1,2-Dichlorobenzene	146	10.764	10.763	0.001	93	1875972	200.0	189.7	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	3381167	200.0	196.9	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	95	275262	200.0	212.4	
132 1,3,5-Trichlorobenzene	180	11.506	11.506	0.000	96	1109686	200.0	186.6	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	94	1013220	200.0	192.2	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	91	338121	200.0	175.6	
134 Naphthalene	128	12.147	12.146	0.001	99	3502263	200.0	202.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	95	902547	200.0	189.3	
S 136 1,2-Dichloroethene, Total	100				0		400.0	356.8	
S 137 Xylenes, Total	100				0		400.0	375.7	
S 138 1,3-Dichloropropene, Total	1				0		400.0	413.1	
S 139 Total BTEX	1				0		1000.0	945.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00151	Amount Added:	20.00	Units: uL	
MIX 2 Hi_00134	Amount Added:	20.00	Units: uL	
MIX I Hi_00161	Amount Added:	20.00	Units: uL	
Ethanol mix_00075	Amount Added:	20.00	Units: uL	
8FreonHi_00055	Amount Added:	20.00	Units: uL	
GAS Hi_00440	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Apr-2023 20:34:52 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35401.D

Injection Date: 13-Apr-2023 15:01:30 Instrument ID: CVOAMS7

Lims ID: STD200

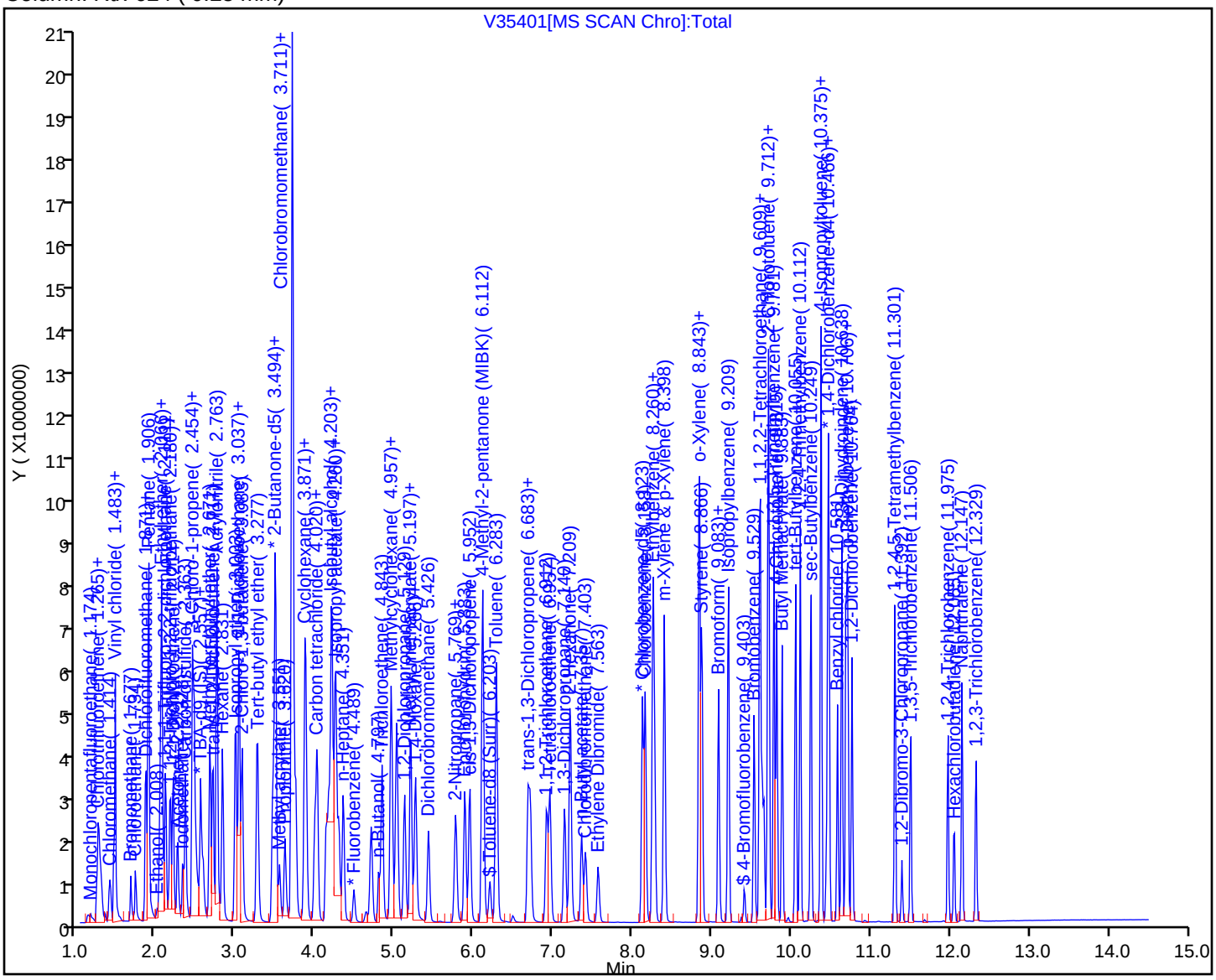
Client ID:

Operator ID: ALS Bottle#: 58 Worklist Smp#: 9

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 13-Apr-2023 15:23:30 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0159055-010
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 13-Apr-2023 20:35:36 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: K0HS Date: 13-Apr-2023 15:41:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	52	116903	500.0	500.0	
3 Chlorotrifluoroethene	116	1.254	1.243	0.011	89	869020	500.0	492.5	
4 1,1-Difluoroethane	65	1.266	1.265	0.001	86	1298679	500.0	445.6	
5 Dichlorodifluoromethane	85	1.277	1.265	0.012	98	3952418	500.0	493.3	
2 Chlorodifluoromethane	67	1.300	1.288	0.012	99	568407	500.0	428.3	
6 Chloromethane	50	1.414	1.414	0.000	99	3172750	500.0	482.3	
7 Vinyl chloride	62	1.471	1.460	0.011	98	3643534	500.0	485.4	
8 Butadiene	54	1.483	1.483	0.000	96	3720217	500.0	500.1	
9 Bromomethane	94	1.677	1.677	0.000	97	818106	500.0	296.5	
10 Chloroethane	64	1.734	1.734	0.000	100	1870670	500.0	415.1	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	4876210	500.0	451.8	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	98	3726599	500.0	415.9	
13 Pentane	72	1.894	1.905	-0.011	97	1136186	1000.0	799.8	
17 Ethanol	46	2.043	2.008	0.035	93	677429	20000	17357	M
14 Ethyl ether	74	2.043	2.043	0.000	96	1940610	500.0	488.6	
15 2-Methyl-1,3-butadiene	53	2.066	2.065	0.001	97	3060320	500.0	487.5	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.077	0.000	86	2290427	500.0	453.1	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	4251962	500.0	494.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	93	2778460	500.0	462.2	
52 Acrolein	56	2.180	2.180	0.000	95	440070	400.0	454.4	
20 1,1-Dichloroethene	96	2.214	2.203	0.011	96	2716987	500.0	455.6	
23 Acetone	43	2.271	2.271	0.000	86	6061260	2500.0	2497.7	
21 Iodomethane	142	2.328	2.328	0.000	99	2440114	500.0	499.3	
24 Isopropyl alcohol	45	2.340	2.328	0.012	94	1989214	5000.0	4061.5	a
22 Carbon disulfide	76	2.363	2.363	0.000	99	9162088	500.0	486.0	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	84	1863551	500.0	427.3	
30 Methyl acetate	43	2.454	2.454	0.000	98	5919319	1000.0	1145.7	
25 Cyclopentene	67	2.477	2.477	0.000	95	7133758	500.0	475.2	
27 Acetonitrile	41	2.500	2.500	0.000	96	5194068	5000.0	5202.6	a
* 28 TBA-d9 (IS)	66	2.546	2.534	0.012	99	72817	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	92	3026392	500.0	439.1	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	98	3688284	5000.0	4106.9	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	10090144	500.0	513.1	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	96	2977085	500.0	457.0	
35 Acrylonitrile	53	2.763	2.763	0.000	95	13945029	5000.0	5609.4	
36 Hexane	57	2.831	2.831	0.000	93	4225998	500.0	494.4	
37 Isopropyl ether	45	3.003	2.991	0.012	97	9666890	500.0	519.7	
38 1,1-Dichloroethane	63	3.049	3.037	0.012	100	5584390	500.0	464.9	
40 Vinyl acetate	86	3.037	3.048	-0.011	100	1270950	1000.0	923.4	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	2913244	500.0	482.4	
41 Tert-butyl ethyl ether	59	3.277	3.266	0.011	88	9989923	500.0	516.0	
* 42 2-Butanone-d5	46	3.460	3.448	0.012	93	393185	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	98	1083604	500.0	419.4	
45 cis-1,2-Dichloroethene	96	3.506	3.494	0.012	86	3161372	500.0	431.6	
44 2-Butanone (MEK)	72	3.506	3.506	0.000	98	2236673	2500.0	2409.8	
47 Ethyl acetate	70	3.506	3.506	0.000	93	855395	1000.0	934.2	
46 Methyl acrylate	55	3.551	3.563	-0.012	100	3128557	500.0	582.4	
48 Propionitrile	54	3.631	3.620	0.011	98	5130967	5000.0	5466.4	
50 Tetrahydrofuran	72	3.700	3.700	0.000	90	967594	1000.0	983.1	
49 Chlorobromomethane	128	3.711	3.700	0.011	89	1020176	500.0	332.1	
54 Methacrylonitrile	67	3.723	3.711	0.012	92	15616975	5000.0	5278.7	e
51 Chloroform	83	3.757	3.757	0.000	98	5341637	500.0	456.3	
53 Cyclohexane	84	3.871	3.871	0.000	91	4885152	500.0	462.6	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	4817740	500.0	492.4	
$ 56 Dibromofluoromethane (Surr)	113	3.906	3.894	0.012	96	152626	50.0	45.4	
57 Carbon tetrachloride	117	3.997	3.997	0.000	97	3908001	500.0	519.4	
58 1,1-Dichloropropene	75	4.031	4.020	0.011	96	4617155	500.0	497.1	
61 Isobutyl alcohol	43	4.146	4.146	0.000	94	5658683	12500	11408	a
64 Isooctane	57	4.180	4.169	0.011	98	8085152	500.0	501.1	
59 Benzene	78	4.214	4.214	0.000	96	13105636	500.0	521.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	87	202595	50.0	49.1	
66 Isopropyl acetate	87	4.260	4.260	0.000	97	3018532	500.0	504.3	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	92	10212457	500.0	516.8	
63 1,2-Dichloroethane	62	4.306	4.294	0.012	97	4329511	500.0	462.9	
65 n-Heptane	57	4.352	4.351	0.001	92	1820793	500.0	510.0	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	688202	50.0	50.0	
70 n-Butanol	56	4.809	4.820	-0.011	87	2328438	12500	12491	
69 Trichloroethene	95	4.843	4.843	0.000	95	3230729	500.0	476.5	
71 Ethyl acrylate	99	4.957	4.957	0.000	99	519726	500.0	529.6	
72 Methylcyclohexane	83	4.957	4.957	0.000	93	5076460	500.0	477.8	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	89	3042254	500.0	480.0	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	43	21959	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	88	1906063	1000.0	1064.6	
78 1,4-Dioxane	88	5.254	5.254	0.000	82	814147	10000	16461	
77 n-Propyl acetate	43	5.266	5.266	0.000	98	4806806	500.0	544.4	
75 Dibromomethane	93	5.266	5.266	0.000	90	1809011	500.0	450.7	
76 Dichlorobromomethane	83	5.426	5.426	0.000	99	4160302	500.0	501.2	
34 2-Nitropropane	41	5.769	5.757	0.012	98	2105599	1000.0	1158.2	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	84	2059226	501.2	545.3	
80 Epichlorohydrin	57	5.895	5.883	0.012	99	8063201	10000	9758.2	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	93	5273556	500.0	531.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	96	15120335	2500.0	2412.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	743104	50.0	52.1	
83 Toluene	91	6.283	6.283	0.000	94	13337444	500.0	503.0	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	98	4870200	500.0	569.7	
86 Ethyl methacrylate	69	6.717	6.717	0.000	88	4200577	500.0	569.0	
87 1,1,2-Trichloroethane	83	6.923	6.912	0.011	95	2313517	500.0	507.8	
88 Tetrachloroethene	166	6.958	6.957	0.001	91	2513167	500.0	480.6	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	94	4708625	500.0	520.2	
91 2-Hexanone	43	7.220	7.220	0.000	96	10145465	2500.0	2590.9	
92 n-Butyl acetate	43	7.358	7.369	-0.011	99	4453284	500.0	500.1	
90 Chlorodibromomethane	129	7.415	7.403	0.012	98	2680806	500.0	578.9	
93 Ethylene Dibromide	107	7.563	7.563	0.000	98	2752844	500.0	531.4	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	41	455992	50.0	50.0	a
95 Chlorobenzene	112	8.158	8.158	0.000	91	7349819	500.0	492.6	
97 Ethylbenzene	106	8.260	8.260	0.000	99	4169083	500.0	487.7	
96 1,1,1,2-Tetrachloroethane	131	8.283	8.272	0.011	94	2367059	500.0	523.8	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	98	5189387	500.0	500.7	
100 o-Xylene	106	8.843	8.843	0.000	92	4711179	500.0	468.5	
99 n-Butyl acrylate	73	8.843	8.843	0.000	74	2327302	500.0	583.6	
101 Styrene	104	8.878	8.878	0.000	94	8278625	500.0	515.8	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	91	4964171	500.0	499.9	
103 Bromoform	173	9.095	9.083	0.012	92	1504927	500.0	594.8	
104 Isopropylbenzene	105	9.209	9.209	0.000	97	12248159	500.0	486.7	
$ 105 4-Bromofluorobenzene	174	9.415	9.415	0.000	0	165916	50.0	48.5	
107 Bromobenzene	156	9.529	9.529	0.000	92	2528956	500.0	467.7	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	99	3540452	500.0	519.6	
109 N-Propylbenzene	91	9.609	9.609	0.000	98	13620813	500.0	447.0	e
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	98	1028391	500.0	491.6	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	91	1133998	500.0	554.0	
114 2-Chlorotoluene	91	9.712	9.701	0.011	95	10154570	500.0	490.6	
113 4-Ethyltoluene	105	9.723	9.712	0.011	97	11381998	500.0	463.3	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	91	10217228	500.0	505.1	
110 4-Chlorotoluene	91	9.815	9.815	0.000	98	9864162	500.0	499.7	
117 Butyl Methacrylate	87	9.884	9.883	0.001	92	3921226	500.0	597.9	
118 tert-Butylbenzene	119	10.055	10.055	0.000	91	8008843	500.0	479.3	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	10359747	500.0	489.5	
120 sec-Butylbenzene	105	10.249	10.249	0.000	98	11679189	500.0	480.1	e
121 4-Isopropyltoluene	119	10.375	10.375	0.000	96	8839165	500.0	455.4	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	69	3987187	500.0	410.8	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.443	0.001	78	208920	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	90	4470291	500.0	424.9	
123 1,2,3-Trimethylbenzene	105	10.478	10.466	0.012	100	10086981	500.0	473.4	
125 Benzyl chloride	91	10.581	10.581	0.000	98	7369617	500.0	499.9	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	94	9203687	500.0	460.4	
126 p-Diethylbenzene	119	10.695	10.683	0.012	91	5557626	500.0	482.8	
127 n-Butylbenzene	92	10.706	10.706	0.000	97	5134552	500.0	503.0	
128 1,2-Dichlorobenzene	146	10.764	10.763	0.001	91	4439789	500.0	464.8	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	8169653	500.0	492.5	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	95	694468	500.0	554.8	
132 1,3,5-Trichlorobenzene	180	11.507	11.506	0.001	95	2545384	500.0	443.2	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	93	2366190	500.0	464.8	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	90	838228	500.0	450.6	
134 Naphthalene	128	12.147	12.146	0.001	99	8738510	500.0	523.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	95	2175979	500.0	472.5	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	888.6	
S 137 Xylenes, Total	100				0		1000.0	969.1	
S 138 1,3-Dichloropropene, Total	1				0		1000.0	1101.6	
S 139 Total BTEX	1				0		2500.0	2481.0	

QC Flag Legend

Processing Flags
e - Potential Peak Saturated
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

ACROLEIN W_00151	Amount Added:	40.00	Units: uL	
MIX 2 Hi_00134	Amount Added:	50.00	Units: uL	
MIX I Hi_00161	Amount Added:	50.00	Units: uL	
Ethanol mix_00075	Amount Added:	50.00	Units: uL	
8FreonHi_00055	Amount Added:	50.00	Units: uL	
GAS Hi_00440	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 13-Apr-2023 20:35:37 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Injection Date: 13-Apr-2023 15:23:30 Instrument ID: CVOAMS7

Lims ID: STD500

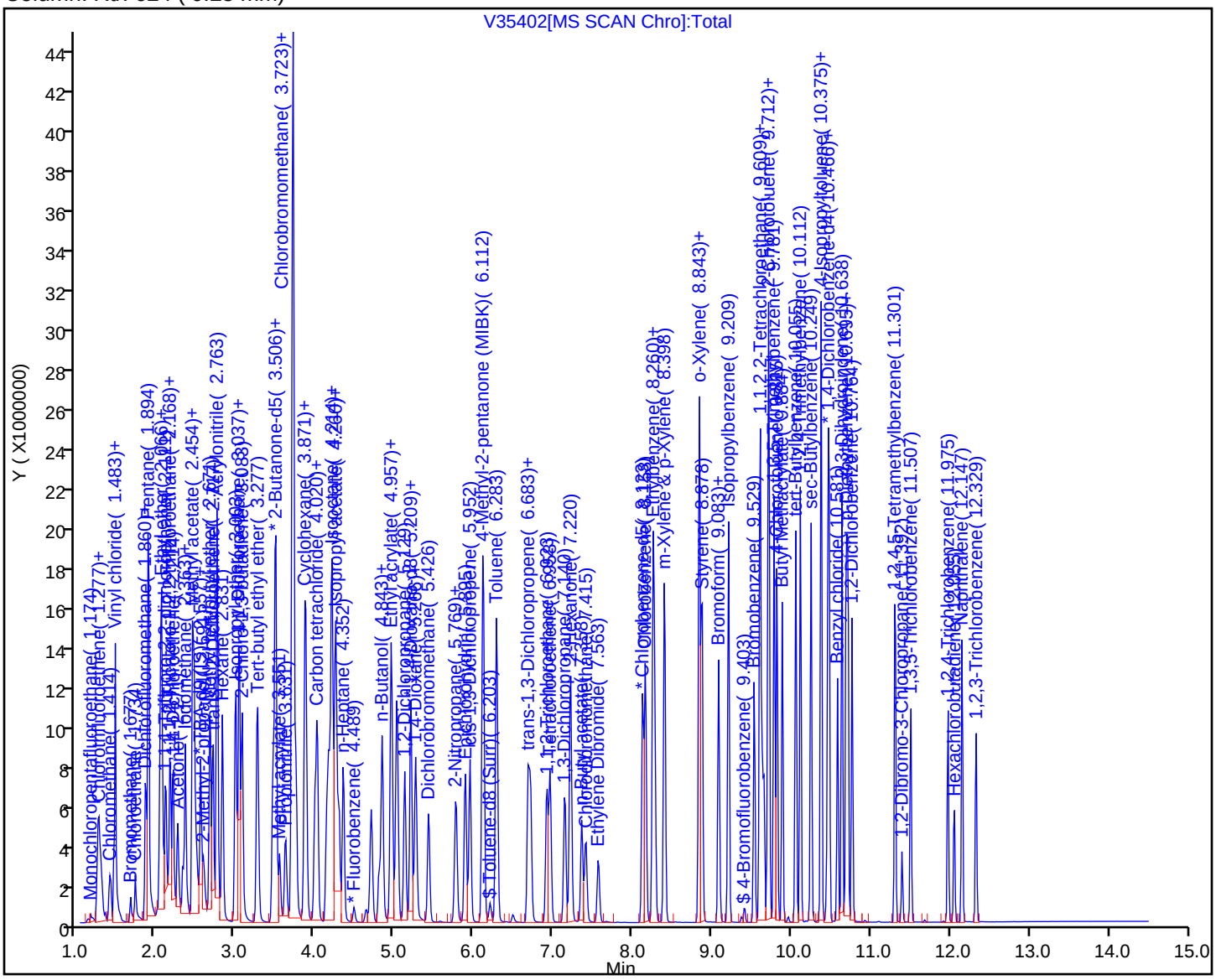
Client ID:

Operator ID: ALS Bottle#: 59 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-903054/3	J88840.D
Level 2	STD1 460-903054/4	J88841.D
Level 3	STD5 460-903054/5	J88842.D
Level 4	STD20 460-903054/6	J88843.D
Level 5	STD50 460-903054/7	J88844.D
Level 6	STD200 460-903054/8	J88845.D
Level 7	STD500 460-903054/9	J88846.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	+++++ 0.0209	0.0218 0.0217	0.0213	0.0193	0.0192	Ave		0.0207				5.6		20.0			
Dichlorodifluoromethane	+++++ 0.2729	0.1735 0.2675	0.2295	0.2281	0.2223	Ave		0.2323			0.1000	15.5		20.0			
Chlorodifluoromethane	+++++ 0.0368	0.0421 0.0382	0.0374	0.0357	0.0358	Ave		0.0377				6.3		20.0			
Chloromethane	+++++ 0.2765	0.2819 0.2934	0.2697	0.2680	0.2571	Ave		0.2744			0.1000	4.6		20.0			
Vinyl chloride	+++++ 0.2705	0.2821 0.2737	0.2591	0.2611	0.2589	Ave		0.2676			0.1000	3.5		20.0			
Butadiene	0.2979 0.2744	0.2895 0.2659	0.2643	0.2657	0.2610	Ave		0.2741				5.2		20.0			
Bromomethane	+++++ 0.1257	0.1092 0.1459	0.1009	0.1050	0.1095	Ave		0.1160			0.1000	14.6		20.0			
Chloroethane	+++++ 0.1331	0.1446 0.1308	0.1345	0.1361	0.1351	Ave		0.1357			0.1000	3.5		20.0			
Dichlorofluoromethane	+++++ 0.3749	0.4163 0.3778	0.3935	0.3865	0.3852	Ave		0.3890				3.8		20.0			
Trichlorofluoromethane	+++++ 0.3090	0.3372 0.2977	0.3270	0.3209	0.3181	Ave		0.3183			0.1000	4.3		20.0			
Pentane	+++++ 0.3710	0.4078 0.3386	0.3768	0.3563	0.3751	Ave		0.3709				6.2		20.0			
Ethanol	+++++ 0.0130	0.0108 0.0177	0.0142	0.0119	0.0157	Ave		0.0139				18.2		20.0			
Ethyl ether	+++++ 0.1891	0.1871 0.1865	0.1967	0.1934	0.1952	Ave		0.1913				2.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Methyl-1,3-butadiene	+++++ 0.2261	0.2462 0.2291	0.2201	0.2173	0.2304	Ave		0.2282				4.5		20.0			
1,2-Dichloro-1,1,2-trifluoroethane	+++++ 0.1603	0.1673 0.1566	0.1673	0.1597	0.1627	Ave		0.1623				2.7		20.0			
1,1,1-Trifluoro-2,2-dichloroethane	+++++ 0.2990	0.3452 0.2931	0.3371	0.3102	0.3202	Ave		0.3175				6.5		20.0			
1,1,2-Trichloro-1,2,2-trifluoroethane	+++++ 0.2143	0.2253 0.1952	0.2085	0.1981	0.2102	Ave		0.2086			0.1000	5.3		20.0			
Acrolein	+++++ 1.6843	1.7618 1.7136	1.4079	1.4419	1.6108	Ave		1.6034				9.2		20.0			
1,1-Dichloroethene	+++++ 0.1928	0.2214 0.1890	0.2151	0.1924	0.2013	Ave		0.2020			0.1000	6.6		20.0			
Acetone	+++++ 0.6718	0.7889 0.6140	0.5260	0.5723	0.4917	Ave		0.6108			0.0500	17.7		20.0			
Iodomethane	+++++ 0.3109	0.2244 0.2997	0.2349	0.2537	0.3047	Ave		0.2714				14.1		20.0			
Isopropyl alcohol	+++++ 0.3587	0.3906 0.4160	0.3635	0.3446	0.4193	Ave		0.3821				8.2		20.0			
Carbon disulfide	+++++ 0.7370	0.8611 0.7191	0.7852	0.7454	0.7724	Ave		0.7700			0.1000	6.6		20.0			
3-Chloro-1-propene	+++++ 0.1277	0.1493 0.1213	0.1389	0.1328	0.1359	Ave		0.1343				7.2		20.0			
Methyl acetate	+++++ 10.933	10.819 10.973	10.929	10.453	10.567	Ave		10.779			0.1000	2.0		20.0			
Cyclopentene	+++++ 0.5190	0.5264 0.4703	0.5091	0.4881	0.5168	Ave		0.5050				4.2		20.0			
Acetonitrile	+++++ 1.4208	0.7334 1.4928	1.2532	1.1904	1.4443	QuaF		1.3764	0.0000233						1.0000		0.9900
Methylene Chloride	+++++ 0.2242	0.2554 0.2235	0.2348	0.2281	0.2330	Ave		0.2332			0.1000	5.1		20.0			
2-Methyl-2-propanol	+++++ 0.6510	0.9137 0.7290	0.6489	0.6502	0.7100	Ave		0.7171				14.3		20.0			
Methyl tert-butyl ether	+++++ 0.6502	0.6828 0.6642	0.6522	0.6608	0.6596	Ave		0.6616			0.1000	1.8		20.0			
trans-1,2-Dichloroethene	+++++ 0.2300	0.2650 0.2220	0.2344	0.2281	0.2369	Ave		0.2361			0.1000	6.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acrylonitrile	5.0770 4.3899	4.2069 4.3614	4.3155	4.3970	4.4650	Ave		4.4590				6.4		20.0			
Hexane	+++++ 0.2313	0.2524 0.2270	0.2551	0.2256	0.2310	Ave		0.2371				5.5		20.0			
Isopropyl ether	+++++ 0.8901	1.0470 0.8832	0.9651	0.9146	0.9309	Ave		0.9385				6.5		20.0			
1,1-Dichloroethane	+++++ 0.4425	0.5049 0.4287	0.4856	0.4802	0.4867	Ave		0.4714			0.2000	6.2		20.0			
Vinyl acetate	+++++ 0.4187	0.4889 0.3828	0.5659	0.5104	0.4735	Ave		0.4734				13.8		20.0			
2-Chloro-1,3-butadiene	+++++ 0.2112	0.2330 0.2160	0.2167	0.2100	0.2161	Ave		0.2172				3.8		20.0			
Tert-butyl ethyl ether	+++++ 0.7625	0.8301 0.7657	0.7970	0.7866	0.7861	Ave		0.7880				3.1		20.0			
2,2-Dichloropropane	+++++ 0.1167	0.1625 0.1136	0.1178	0.1171	0.1181	Ave		0.1243				15.1		20.0			
cis-1,2-Dichloroethene	+++++ 0.2479	0.3071 0.2457	0.2637	0.2597	0.2658	Ave		0.2650			0.1000	8.4		20.0			
Ethyl acetate	+++++ 0.2201	0.3050 0.2134	0.2725	0.2388	0.2336	Ave		0.2472				14.2		20.0			
2-Butanone (MEK)	+++++ 0.1982	0.2198 0.1965	0.1816	0.1923	0.1933	Ave		0.1969			0.0500	6.4		20.0			
Methyl acrylate	+++++ 0.2042	0.2035 0.2058	0.2577	0.2159	0.2096	Ave		0.2161				9.7		20.0			
Propionitrile	+++++ 1.4343	1.5924 1.4630	1.3844	1.4701	1.4873	Ave		1.4719				4.7		20.0			
Chlorobromomethane	+++++ 0.1169	0.1537 0.1168	0.1209	0.1233	0.1235	Ave		0.1259				11.1		20.0			
Tetrahydrofuran	+++++ 0.2076	0.3191 0.2050	0.2322	0.2531	0.2364	Ave		0.2422				17.3		20.0			
Methacrylonitrile	+++++ 0.0880	0.0962 0.0804	0.0881	0.0906	0.0916	Ave		0.0892				5.9		20.0			
Chloroform	+++++ 0.4390	0.4849 0.3914	0.4484	0.4239	0.4405	Ave		0.4380			0.2000	7.0		20.0			
Cyclohexane	+++++ 0.3014	0.3025 0.2905	0.3002	0.2782	0.2790	Ave		0.2920			0.1000	3.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,1,1-Trichloroethane	+++++ 0.3790	0.3843 0.3764	0.3801	0.3657	0.3652	Ave		0.3751			0.1000	2.1		20.0			
Carbon tetrachloride	+++++ 0.3345	0.3620 0.3321	0.3248	0.3109	0.3233	Ave		0.3313			0.1000	5.2		20.0			
1,1-Dichloropropene	+++++ 0.3651	0.3722 0.3673	0.3637	0.3505	0.3622	Ave		0.3635				2.0		20.0			
Isobutyl alcohol	+++++ 0.6061	0.6168 0.6066	0.5003	0.5644	0.6126	Ave		0.5845				7.8		20.0			
Isooctane	+++++ 0.4601	0.5033 0.4710	0.4694	0.4400	0.4642	Ave		0.4680				4.4		20.0			
Benzene	+++++ 1.4609	1.5530 1.5000	1.4823	1.4438	1.4740	Ave		1.4857			0.5000	2.6		20.0			
Isopropyl acetate	+++++ 0.7939	0.8422 0.7856	0.8154	0.8130	0.8126	Ave		0.8105				2.4		20.0			
Tert-amyl methyl ether	+++++ 0.1824	0.1348 0.1833	0.2027	0.1823	0.1868	Ave		0.1787				12.8		20.0			
1,2-Dichloroethane	+++++ 0.3592	0.4042 0.3339	0.3686	0.3517	0.3632	Ave		0.3635			0.1000	6.4		20.0			
n-Heptane	+++++ 0.1024	0.1191 0.1023	0.1006	0.0927	0.0994	Ave		0.1028				8.5		20.0			
n-Butanol	+++++ 0.1617	0.0867 0.1849	0.1440	0.1522	0.1872	QuaF		0.1514	0.0000027						1.0000		0.9900
Trichloroethene	+++++ 0.2698	0.2958 0.2718	0.2715	0.2608	0.2707	Ave		0.2734			0.2000	4.3		20.0			
Methylcyclohexane	+++++ 0.2778	0.2821 0.2630	0.2711	0.2602	0.2753	Ave		0.2716			0.1000	3.2		20.0			
Ethyl acrylate	+++++ 0.5680	0.6128 0.5366	0.5600	0.5567	0.5750	Ave		0.5682				4.5		20.0			
1,2-Dichloropropane	+++++ 0.2967	0.3237 0.2887	0.3016	0.2917	0.2971	Ave		0.2999			0.1000	4.2		20.0			
Methyl methacrylate	+++++ 0.0559	0.0614 0.0544	0.0589	0.0554	0.0573	Ave		0.0572				4.5		20.0			
1,4-Dioxane	+++++ 0.4025	0.3965 0.4139	0.5948	0.4888	0.4982	Ave		0.4658				16.6		20.0			
Dibromomethane	+++++ 0.1669	0.1986 0.1538	0.1668	0.1670	0.1682	Ave		0.1702				8.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Propyl acetate	+++++ 0.3884	0.3966 0.3674	0.4060	0.3989	0.4028	Ave		0.3934				3.6		20.0			
Dichlorobromomethane	+++++ 0.3517	0.3699 0.3440	0.3418	0.3365	0.3510	Ave		0.3492			0.2000	3.3		20.0			
2-Nitropropane	+++++ 3.7258	5.3992 3.5460	3.8272	3.6489	3.6577	Ave		3.9675				17.8		20.0			
2-Chloroethyl vinyl ether	+++++ 0.1606	0.1688 0.1537	0.1631	0.1668	0.1675	Ave		0.1634				3.5		20.0			
Epichlorohydrin	0.2006 0.1743	0.1766 0.1616	0.1807	0.1806	0.1797	Ave		0.1792				6.5		20.0			
cis-1,3-Dichloropropene	+++++ 0.6597	0.6645 0.6634	0.6386	0.6348	0.6472	Ave		0.6514			0.2000	2.0		20.0			
4-Methyl-2-pentanone (MIBK)	+++++ 2.2874	2.5934 1.9729	2.4183	2.5141	2.4544	Ave		2.3734			0.0500	9.3		20.0			
Toluene	+++++ 1.4546	1.5669 1.4337	1.4808	1.4395	1.4539	Ave		1.4716			0.4000	3.4		20.0			
trans-1,3-Dichloropropene	+++++ 0.5785	0.5820 0.5666	0.5578	0.5506	0.5684	Ave		0.5673			0.1000	2.1		20.0			
Ethyl methacrylate	+++++ 0.3017	0.3321 0.2778	0.3105	0.3035	0.3123	Ave		0.3063				5.8		20.0			
1,1,2-Trichloroethane	+++++ 0.2825	0.2999 0.2831	0.2869	0.2793	0.2831	Ave		0.2858			0.1000	2.6		20.0			
Tetrachloroethene	+++++ 0.3498	0.3810 0.3525	0.3513	0.3387	0.3485	Ave		0.3536			0.2000	4.0		20.0			
1,3-Dichloropropane	+++++ 0.5210	0.5731 0.5136	0.5192	0.5191	0.5281	Ave		0.5290				4.2		20.0			
2-Hexanone	+++++ 0.7639	0.7625 0.6821	0.7876	0.7904	0.7770	Ave		0.7606			0.0500	5.3		20.0			
n-Butyl acetate	+++++ 0.5913	0.6002 0.5641	0.5879	0.6170	0.6087	Ave		0.5949				3.1		20.0			
Chlorodibromomethane	+++++ 0.3648	0.3401 0.3666	0.3463	0.3433	0.3540	Ave		0.3525			0.1000	3.2		20.0			
Ethylene Dibromide	+++++ 0.3227	0.3198 0.3221	0.3250	0.3205	0.3246	Ave		0.3224			0.1000	0.7		20.0			
Chlorobenzene	+++++ 0.8677	0.9218 0.8513	0.8677	0.8618	0.8761	Ave		0.8744			0.5000	2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethylbenzene	+++++ 0.4575	0.4859 0.4450	0.4622	0.4509	0.4554	Ave		0.4595			0.1000	3.1		20.0			
1,1,1,2-Tetrachloroethane	+++++ 0.3237	0.3111 0.3149	0.3242	0.3187	0.3240	Ave		0.3194				1.7		20.0			
m-Xylene & p-Xylene	+++++ 0.5369	0.6263 0.5363	0.5718	0.5417	0.5518	Ave		0.5608			0.1000	6.2		20.0			
o-Xylene	+++++ 0.5355	0.5762 0.5300	0.5457	0.5432	0.5519	Ave		0.5471			0.3000	3.0		20.0			
n-Butyl acrylate	+++++ 0.2562	0.2722 0.2616	0.2609	0.2630	0.2649	Ave		0.2631				2.0		20.0			
Styrene	+++++ 0.9017	0.9138 0.8932	0.8904	0.8901	0.9121	Ave		0.9002			0.3000	1.2		20.0			
Bromoform	+++++ 0.2243	0.2202 0.2418	0.2041	0.2041	0.2150	Ave		0.2183			0.1000	6.5		20.0			
Amyl acetate (mixed isomers)	+++++ 1.2858	1.2542 1.1570	1.3338	1.3533	1.3833	Ave		1.2946				6.3		20.0			
Isopropylbenzene	+++++ 1.1626	1.2746 1.1316	1.2126	1.1970	1.2061	Ave		1.1974			0.1000	4.1		20.0			
Bromobenzene	+++++ 0.7492	0.7728 0.6971	0.7589	0.7571	0.7655	Ave		0.7501				3.6		20.0			
1,1,2,2-Tetrachloroethane	+++++ 0.7185	0.7279 0.6756	0.7723	0.7408	0.7263	Ave		0.7269			0.3000	4.3		20.0			
N-Propylbenzene	+++++ 2.7284	2.8999 2.4200	2.8655	2.8196	2.9120	Ave		2.7742				6.7		20.0			
1,2,3-Trichloropropane	+++++ 0.1730	0.1753 0.1622	0.1830	0.1789	0.1772	Ave		0.1749				4.1		20.0			
trans-1,4-Dichloro-2-butene	+++++ 0.2156	0.2711 0.2064	0.2114	0.2213	0.2232	Ave		0.2248				10.4		20.0			
2-Chlorotoluene	+++++ 1.9966	2.1070 1.8159	2.0405	2.0152	2.1159	Ave		2.0152				5.4		20.0			
4-Ethyltoluene	+++++ 2.2252	2.5539 2.0117	2.3259	2.2905	2.3982	Ave		2.3009				7.9		20.0			
1,3,5-Trimethylbenzene	+++++ 1.8971	2.0983 1.7582	1.9396	1.9703	2.0153	Ave		1.9465				5.9		20.0			
4-Chlorotoluene	+++++ 1.9432	1.8736 1.8242	2.0334	2.0366	1.9501	Ave		1.9435				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Butyl Methacrylate	+++++ 0.8125	0.8285 0.7860	0.8175	0.8255	0.8572	Ave		0.8212				2.8		20.0			
tert-Butylbenzene	+++++ 1.3905	1.6028 1.2839	1.5168	1.4666	1.5091	Ave		1.4616				7.6		20.0			
1,2,4-Trimethylbenzene	+++++ 1.9752	2.2043 1.8603	2.1000	2.0351	2.1019	Ave		2.0461				5.8		20.0			
sec-Butylbenzene	+++++ 1.9037	2.1452 1.7850	2.0396	1.9729	2.0409	Ave		1.9812				6.3		20.0			
1,3-Dichlorobenzene	+++++ 1.2072	1.2297 1.1680	1.1575	1.1943	1.2191	Ave		1.1960			0.6000	2.4		20.0			
4-Isopropyltoluene	+++++ 1.6638	1.7826 1.5842	1.6737	1.6835	1.7636	Ave		1.6919				4.3		20.0			
1,4-Dichlorobenzene	+++++ 1.2436	1.3611 1.2191	1.2441	1.2034	1.2457	Ave		1.2528			0.5000	4.4		20.0			
1,2,3-Trimethylbenzene	+++++ 2.0873	2.2592 1.9884	2.1919	2.1279	2.1809	Ave		2.1393				4.4		20.0			
Benzyl chloride	+++++ 1.3224	1.3959 1.2852	1.3151	1.3343	1.3234	Ave		1.3294				2.8		20.0			
Indan	+++++ 2.0971	2.3137 1.9335	2.1336	2.1427	2.1457	Ave		2.1277				5.7		20.0			
p-Diethylbenzene	+++++ 0.9655	1.0639 0.9583	0.9911	0.9686	1.0018	Ave		0.9915				3.9		20.0			
n-Butylbenzene	+++++ 0.7912	0.8606 0.7800	0.8061	0.7962	0.7943	Ave		0.8047				3.6		20.0			
1,2-Dichlorobenzene	+++++ 1.1816	1.1743 1.1432	1.1681	1.1577	1.1765	Ave		1.1669			0.4000	1.2		20.0			
1,2,4,5-Tetramethylbenzene	+++++ 1.6153	1.7567 1.5442	1.6826	1.6363	1.6652	Ave		1.6501				4.3		20.0			
1,2-Dibromo-3-Chloropropane	+++++ 0.1406	0.1517 0.1395	0.1340	0.1385	0.1364	Ave		0.1401			0.0500	4.4		20.0			
1,3,5-Trichlorobenzene	+++++ 0.6989	0.7512 0.6881	0.7317	0.7006	0.7097	Ave		0.7134				3.3		20.0			
1,2,4-Trichlorobenzene	+++++ 0.6734	0.7006 0.6714	0.6731	0.6604	0.6665	Ave		0.6742			0.2000	2.1		20.0			
Hexachlorobutadiene	+++++ 0.2125	0.2397 0.2284	0.2410	0.2332	0.2123	Ave		0.2279				5.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Naphthalene	+++++ 1.8216	2.0654 1.7474	1.8558	1.8529	1.8676	Ave		1.8685				5.7		20.0			
1,2,3-Trichlorobenzene	+++++ 0.6007	0.6642 0.6071	0.6053	0.5844	0.6028	Ave		0.6108				4.5		20.0			
Dibromofluoromethane (Surr)	0.2350 0.1950	0.2331 0.2215	0.2328	0.2353	0.2277	Ave		0.2258				6.4		20.0			
1,2-Dichloroethane-d4 (Surr)	0.2706 0.2349	0.2733 0.2613	0.2777	0.2711	0.2644	Ave		0.2648				5.4		20.0			
Toluene-d8 (Surr)	1.1937 1.0306	1.2000 1.2296	1.2016	1.2050	1.1834	Ave		1.1777				5.6		20.0			
4-Bromofluorobenzene	0.3390 0.2886	0.3423 0.3546	0.3427	0.3447	0.3355	Ave		0.3353				6.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STD7 460-903054/3	J88840.D
Level 2	STD1 460-903054/4	J88841.D
Level 3	STD5 460-903054/5	J88842.D
Level 4	STD20 460-903054/6	J88843.D
Level 5	STD50 460-903054/7	J88844.D
Level 6	STD200 460-903054/8	J88845.D
Level 7	STD500 460-903054/9	J88846.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	+++++ 51713	261 133543	1281	4702	11868	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorodifluoromethane	FB	Ave	+++++ 674028	2075 1643228	13812	55526	137164	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodifluoromethane	FB	Ave	+++++ 90977	503 234662	2253	8691	22076	+++++ 200	1.00 500	5.00	20.0	50.0
Chloromethane	FB	Ave	+++++ 682744	3372 1802176	16229	65249	158602	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl chloride	FB	Ave	+++++ 668028	3374 1681596	15592	63572	159737	+++++ 200	1.00 500	5.00	20.0	50.0
Butadiene	FB	Ave	878 677725	3462 1633556	15907	64692	161024	0.250 200	1.00 500	5.00	20.0	50.0
Bromomethane	FB	Ave	+++++ 310326	1306 896402	6073	25557	67586	+++++ 200	1.00 500	5.00	20.0	50.0
Chloroethane	FB	Ave	+++++ 328779	1729 803289	8097	33143	83352	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorofluoromethane	FB	Ave	+++++ 925955	4979 2321021	23683	94082	237639	+++++ 200	1.00 500	5.00	20.0	50.0
Trichlorofluoromethane	FB	Ave	+++++ 763072	4033 1828544	19679	78131	196259	+++++ 200	1.00 500	5.00	20.0	50.0
Pentane	FB	Ave	+++++ 1832304	9755 4160388	45352	173486	462802	+++++ 400	2.00 1000	10.0	40.0	100
Ethanol	TBAd 9	Ave	+++++ 21924	95 75099	598	2063	6752	+++++ 8000	40.0 20000	200	800	2000
Ethyl ether	FB	Ave	+++++ 466877	2238 1145521	11841	47090	120412	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
2-Methyl-1,3-butadiene	FB	Ave	+++++ 558434	2945 1407605	13245	52893	142163	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloro-1,1,2-trifluoroethane	FB	Ave	+++++ 395930	2001 961703	10071	38872	100368	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trifluoro-2,2-dichloroethane	FB	Ave	+++++ 738366	4129 1800496	20286	75527	197528	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	FB	Ave	+++++ 529238	2695 1199275	12549	48220	129701	+++++ 200	1.00 500	5.00	20.0	50.0
Acrolein	TBAd9	Ave	+++++ 70984	1548 145490	5943	12460	34600	+++++ 200	4.00 400	20.0	40.0	100
1,1-Dichloroethene	FB	Ave	+++++ 476239	2648 1161053	12944	46840	124204	+++++ 200	1.00 500	5.00	20.0	50.0
Acetone	BUT	Ave	+++++ 856868	4895 2022817	16284	70384	155193	+++++ 1000	5.00 2500	25.0	100	250
Iodomethane	FB	Ave	+++++ 767817	2684 1841191	14138	61769	187973	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl alcohol	TBAd9	Ave	+++++ 151158	858 441542	3836	14887	45031	+++++ 2000	10.0 5000	50.0	200	500
Carbon disulfide	FB	Ave	+++++ 1820090	10298 4417580	47257	181460	476530	+++++ 200	1.00 500	5.00	20.0	50.0
3-Chloro-1-propene	FB	Ave	+++++ 315343	1786 745250	8360	32333	83864	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl acetate	TBAd9	Ave	+++++ 921502	4753 2329221	23067	90322	226978	+++++ 400	2.00 1000	10.0	40.0	100
Cyclopentene	FB	Ave	+++++ 1281765	6296 2889244	30643	118825	318857	+++++ 200	1.00 500	5.00	20.0	50.0
Acetonitrile	TBAd9	QuaF	+++++ 598806	1611 1584341	13225	51434	155120	+++++ 2000	10.0 5000	50.0	200	500
Methylene Chloride	FB	Ave	+++++	3055	14134	55534	143744	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			553609	1372896				200	500			
2-Methyl-2-propanol	TBAd9	Ave	+++++ 274381	2007 773683	6848	28091	76248	+++++ 2000	10.0 5000	50.0	200	500
Methyl tert-butyl ether	FB	Ave	+++++ 1605798	8166 4079978	39254	160861	406976	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	+++++ 567996	3169 1363511	14110	55521	146155	+++++ 200	1.00 500	5.00	20.0	50.0
Acrylonitrile	TBAd9	Ave	2147 1850096	9241 4628810	45543	189978	479538	2.00 2000	10.0 5000	50.0	200	500
Hexane	FB	Ave	+++++ 571145	3019 1394417	15354	54931	142508	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl ether	FB	Ave	+++++ 2198116	12522 5425072	58087	222650	574329	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloroethane	FB	Ave	+++++ 1092880	6039 2633687	29223	116900	300293	+++++ 200	1.00 500	5.00	20.0	50.0
Vinyl acetate	FB	Ave	+++++ 2067855	11695 4702367	68120	248494	584241	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloro-1,3-butadiene	FB	Ave	+++++ 521546	2787 1326850	13045	51114	133356	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-butyl ethyl ether	FB	Ave	+++++ 1883016	9928 4703532	47969	191492	484990	+++++ 200	1.00 500	5.00	20.0	50.0
2,2-Dichloropropane	FB	Ave	+++++ 288201	1943 698106	7087	28508	72883	+++++ 200	1.00 500	5.00	20.0	50.0
cis-1,2-Dichloroethene	FB	Ave	+++++ 612127	3673 1509556	15868	63213	163999	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acetate	BUT	Ave	+++++ 112283	757 281187	3375	11750	29492	+++++ 400	2.00 1000	10.0	40.0	100
2-Butanone (MEK)	BUT	Ave	+++++ 252797	1364 647250	5621	23648	61009	+++++ 1000	5.00 2500	25.0	100	250
Methyl acrylate	FB	Ave	+++++ 504387	2434 1264389	15510	52568	129339	+++++ 200	1.00 500	5.00	20.0	50.0
Propionitrile	TBAd9	Ave	+++++ 604495	3498 1552656	14610	63515	159734	+++++ 2000	10.0 5000	50.0	200	500

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Chlorobromomethane	FB	Ave	+++++ 288771	1838 717530	7279	30020	76183	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrahydrofuran	BUT	Ave	+++++ 105898	792 270100	2875	12452	29841	+++++ 400	2.00 1000	10.0	40.0	100
Methacrylonitrile	FB	Ave	+++++ 2172564	11500 4937868	53049	220652	565234	+++++ 2000	10.0 5000	50.0	200	500
Chloroform	FB	Ave	+++++ 1084079	5799 2404118	26987	103200	271791	+++++ 200	1.00 500	5.00	20.0	50.0
Cyclohexane	FB	Ave	+++++ 744265	3618 1784334	18070	67731	172157	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	+++++ 936076	4596 2311981	22878	89039	225321	+++++ 200	1.00 500	5.00	20.0	50.0
Carbon tetrachloride	FB	Ave	+++++ 826094	4330 2039878	19550	75696	199471	+++++ 200	1.00 500	5.00	20.0	50.0
1,1-Dichloropropene	FB	Ave	+++++ 901711	4451 2256334	21892	85317	223444	+++++ 200	1.00 500	5.00	20.0	50.0
Isobutyl alcohol	TBAd9	Ave	+++++ 638632	3387 1609549	13199	60963	164487	+++++ 5000	25.0 12500	125	500	1250
Isooctane	FB	Ave	+++++ 1136123	6019 2893231	28253	107121	286391	+++++ 200	1.00 500	5.00	20.0	50.0
Benzene	CBNZd5	Ave	+++++ 2471731	13020 6012502	62656	245977	637571	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropyl acetate	FB	Ave	+++++ 1960673	10073 4825809	49072	197932	501328	+++++ 200	1.00 500	5.00	20.0	50.0
Tert-amyl methyl ether	FB	Ave	+++++ 450443	1612 1126020	12202	44390	115238	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloroethane	FB	Ave	+++++ 887050	4834 2051051	22183	85630	224095	+++++ 200	1.00 500	5.00	20.0	50.0
n-Heptane	FB	Ave	+++++ 252959	1425 628303	6056	22573	61302	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butanol	TBAd9	QuaF	+++++ 170357	476 490501	3798	16436	50254	+++++ 5000	25.0 12500	125	500	1250
Trichloroethene	FB	Ave	+++++	3538	16340	63484	167008	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			666401	1669344				200	500			
Methylcyclohexane	FB	Ave	+++++ 686149	3374 1615464	16315	63348	169873	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl acrylate	FB	Ave	+++++ 1402721	7329 3296220	33705	135518	354783	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichloropropane	FB	Ave	+++++ 732681	3871 1773437	18154	71021	183324	+++++ 200	1.00 500	5.00	20.0	50.0
Methyl methacrylate	FB	Ave	+++++ 276272	1469 668381	7091	26973	70757	+++++ 400	2.00 1000	10.0	40.0	100
1,4-Dioxane	DXE	Ave	+++++ 44770	547 141916	1537	5336	13642	+++++ 4000	50.0 10000	100	400	1000
Dibromomethane	FB	Ave	+++++ 412239	2375 944959	10038	40665	103752	+++++ 200	1.00 500	5.00	20.0	50.0
n-Propyl acetate	FB	Ave	+++++ 959266	4743 2256995	24435	97112	248517	+++++ 200	1.00 500	5.00	20.0	50.0
Dichlorobromomethane	FB	Ave	+++++ 868560	4424 2113279	20570	81931	216577	+++++ 200	1.00 500	5.00	20.0	50.0
2-Nitropropane	TBAd9	Ave	+++++ 314042	2372 752690	8078	31531	78566	+++++ 400	2.00 1000	10.0	40.0	100
2-Chloroethyl vinyl ether	FB	Ave	+++++ 397597	2024 946206	9839	40706	103578	+++++ 200	1.00 501	5.01	20.0	50.1
Epichlorohydrin	BUT	Ave	1333 889355	4382 2130163	22377	88852	226822	5.00 4000	20.0 10000	100	400	1000
cis-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 1116223	5571 2659058	26995	108148	279916	+++++ 200	1.00 500	5.00	20.0	50.0
4-Methyl-2-pentanone (MIBK)	BUT	Ave	+++++ 2917784	16091 6500085	74866	309205	774660	+++++ 1000	5.00 2500	25.0	100	250
Toluene	CBNZ d5	Ave	+++++ 2461139	13136 5746873	62591	245248	628883	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,3-Dichloropropene	CBNZ d5	Ave	+++++ 978868	4879 2271300	23578	93809	245839	+++++ 200	1.00 500	5.00	20.0	50.0
Ethyl methacrylate	FB	Ave	+++++	3972	18685	73894	192656	+++++	1.00	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			745175	1706401				200	500			
1,1,2-Trichloroethane	CBNZ d5	Ave	+++++ 477970	2514 1134949	12128	47586	122472	+++++ 200	1.00 500	5.00	20.0	50.0
Tetrachloroethene	CBNZ d5	Ave	+++++ 591904	3194 1413073	14848	57698	150732	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichloropropane	CBNZ d5	Ave	+++++ 881503	4805 2058515	21948	88447	228439	+++++ 200	1.00 500	5.00	20.0	50.0
2-Hexanone	BUT	Ave	+++++ 974431	4731 2247304	24382	97206	245219	+++++ 1000	5.00 2500	25.0	100	250
n-Butyl acetate	CBNZ d5	Ave	+++++ 1000513	5032 2261047	24849	105116	263277	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorodibromomethane	CBNZ d5	Ave	+++++ 617260	2851 1469622	14640	58491	153118	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylene Dibromide	CBNZ d5	Ave	+++++ 545957	2681 1291058	13737	54609	140407	+++++ 200	1.00 500	5.00	20.0	50.0
Chlorobenzene	CBNZ d5	Ave	+++++ 1468086	7728 3412362	36678	146822	378960	+++++ 200	1.00 500	5.00	20.0	50.0
Ethylbenzene	CBNZ d5	Ave	+++++ 774011	4074 1783760	19535	76818	196982	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,1,2-Tetrachloroethane	CBNZ d5	Ave	+++++ 547756	2608 1262077	13705	54301	140130	+++++ 200	1.00 500	5.00	20.0	50.0
m-Xylene & p-Xylene	CBNZ d5	Ave	+++++ 908470	5251 2149692	24169	92295	238664	+++++ 200	1.00 500	5.00	20.0	50.0
o-Xylene	CBNZ d5	Ave	+++++ 906045	4831 2124262	23065	92544	238695	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
n-Butyl acrylate	CBNZ d5	Ave	+++++ 433433	2282 1048392	11030	44810	114565	+++++ 200	1.00 500	5.00	20.0	50.0
Styrene	CBNZ d5	Ave	+++++ 1525667	7661 3580348	37637	151643	394529	+++++ 200	1.00 500	5.00	20.0	50.0
Bromoform	CBNZ d5	Ave	+++++ 379552	1846 969331	8629	34781	92974	+++++ 200	1.00 500	5.00	20.0	50.0
Amyl acetate (mixed isomers)	DCBd 4	Ave	+++++ 1060408	5002 2597168	27093	110276	283284	+++++ 200	1.00 500	5.00	20.0	50.0
Isopropylbenzene	CBNZ d5	Ave	+++++ 1967030	10686 4535812	51256	203934	521696	+++++ 200	1.00 500	5.00	20.0	50.0
Bromobenzene	DCBd 4	Ave	+++++ 617827	3082 1564860	15415	61694	156775	+++++ 200	1.00 500	5.00	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd 4	Ave	+++++ 592575	2903 1516511	15688	60368	148738	+++++ 200	1.00 500	5.00	20.0	50.0
N-Propylbenzene	DCBd 4	Ave	+++++ 2250035	11565 5432251	58205	229757	596353	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichloropropane	DCBd 4	Ave	+++++ 142691	699 364075	3718	14574	36288	+++++ 200	1.00 500	5.00	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd 4	Ave	+++++ 177840	1081 463354	4294	18035	45710	+++++ 200	1.00 500	5.00	20.0	50.0
2-Chlorotoluene	DCBd 4	Ave	+++++ 1646587	8403 4076025	41448	164214	433322	+++++ 200	1.00 500	5.00	20.0	50.0
4-Ethyltoluene	DCBd 4	Ave	+++++ 1835127	10185 4515597	47244	186647	491132	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,3,5-Trimethylbenzene	DCBd 4	Ave	+++++ 1564531	8368 3946661	39399	160555	412729	+++++ 200	1.00 500	5.00	20.0	50.0
4-Chlorotoluene	DCBd 4	Ave	+++++ 1602492	7472 4094769	41304	165953	399364	+++++ 200	1.00 500	5.00	20.0	50.0
Butyl Methacrylate	DCBd 4	Ave	+++++ 670081	3304 1764395	16606	67264	175545	+++++ 200	1.00 500	5.00	20.0	50.0
tert-Butylbenzene	DCBd 4	Ave	+++++ 1146712	6392 2882007	30810	119511	309057	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trimethylbenzene	DCBd 4	Ave	+++++ 1628890	8791 4175901	42657	165835	430451	+++++ 200	1.00 500	5.00	20.0	50.0
sec-Butylbenzene	DCBd 4	Ave	+++++ 1569948	8555 4006712	41429	160768	417963	+++++ 200	1.00 500	5.00	20.0	50.0
1,3-Dichlorobenzene	DCBd 4	Ave	+++++ 995534	4904 2621850	23511	97322	249674	+++++ 200	1.00 500	5.00	20.0	50.0
4-Isopropyltoluene	DCBd 4	Ave	+++++ 1372119	7109 3555945	33997	137185	361170	+++++ 200	1.00 500	5.00	20.0	50.0
1,4-Dichlorobenzene	DCBd 4	Ave	+++++ 1025608	5428 2736609	25270	98062	255108	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trimethylbenzene	DCBd 4	Ave	+++++ 1721369	9010 4463301	44523	173397	446635	+++++ 200	1.00 500	5.00	20.0	50.0
Benzyl chloride	DCBd 4	Ave	+++++ 1090595	5567 2884946	26712	108725	271027	+++++ 200	1.00 500	5.00	20.0	50.0
Indan	DCBd 4	Ave	+++++ 1729463	9227 4340032	43339	174597	439422	+++++ 200	1.00 500	5.00	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
p-Diethylbenzene	DCBd 4	Ave	+++++ 796201	4243 2151148	20131	78930	205157	+++++ 200	1.00 500	5.00	20.0	50.0
n-Butylbenzene	DCBd 4	Ave	+++++ 652526	3432 1750926	16374	64880	162673	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dichlorobenzene	DCBd 4	Ave	+++++ 974470	4683 2566170	23728	94338	240932	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4,5-Tetramethylbenzene	DCBd 4	Ave	+++++ 1332082	7006 3466264	34178	133333	341029	+++++ 200	1.00 500	5.00	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd 4	Ave	+++++ 115971	605 313215	2722	11285	27938	+++++ 200	1.00 500	5.00	20.0	50.0
1,3,5-Trichlorobenzene	DCBd 4	Ave	+++++ 576347	2996 1544550	14863	57089	145336	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,4-Trichlorobenzene	DCBd 4	Ave	+++++ 555333	2794 1507052	13673	53810	136497	+++++ 200	1.00 500	5.00	20.0	50.0
Hexachlorobutadiene	DCBd 4	Ave	+++++ 175237	956 512744	4896	19003	43472	+++++ 200	1.00 500	5.00	20.0	50.0
Naphthalene	DCBd 4	Ave	+++++ 1502232	8237 3922411	37696	150989	382483	+++++ 200	1.00 500	5.00	20.0	50.0
1,2,3-Trichlorobenzene	DCBd 4	Ave	+++++ 495385	2649 1362829	12295	47618	123460	+++++ 200	1.00 500	5.00	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	138526 120381	139411 136085	140139	143213	140473	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	159506 145043	163426 160510	167141	165017	163133	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBNZ d5	Ave	490234	503019	507920	513264	511844	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903054

SDG No.:

Instrument ID: CVOAMS8 GC Column: Rtx-624 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/14/2023 00:39 Calibration End Date: 04/14/2023 03:09 Calibration ID: 92672

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			435929	492850				50.0	50.0			
4-Bromofluorobenzene	CBNZ d5	Ave	139204 122072	143505 142121	144872	146801	145127	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend
Ave = Average ISTD
QuaF = Quadratic ISTD forced zero

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D
Lims ID: STD7
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 14-Apr-2023 00:39:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD7
Misc. Info.: 460-0159076-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:33:58 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: W9CM Date: 14-Apr-2023 18:39:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Butadiene	54	1.363	1.363	0.000	95	878	0.2500	0.2717	M
* 30 TBA-d9 (IS)	65	2.397	2.397	0.000	75	211442	1000.0	1000.0	
35 Acrylonitrile	53	2.622	2.622	0.000	93	2147	2.00	2.28	M
* 43 2-Butanone-d5	46	3.303	3.303	0.000	86	332200	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.734	3.734	0.000	96	138526	50.0	52.0	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.063	4.063	0.000	0	159506	50.0	51.1	
* 66 Fluorobenzene	96	4.324	4.324	0.000	98	589469	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.030	5.030	0.000	0	25424	1000.0	1000.0	
80 Epichlorohydrin	57	5.729	5.729	0.000	96	1333	5.00	5.60	M
$ 83 Toluene-d8 (Surr)	98	6.033	6.033	0.000	98	490234	50.0	50.7	
* 94 Chlorobenzene-d5	117	7.985	7.985	0.000	88	410687	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.317	9.317	0.000	93	139204	50.0	50.5	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.369	0.000	96	197155	50.0	50.0	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

8260MIX1COMB_00168	Amount Added:	0.00	Units: uL	
524freon_00066	Amount Added:	0.00	Units: uL	
ACROLEIN W_00151	Amount Added:	0.00	Units: uL	
GASES Li_00524	Amount Added:	2.50	Units: uL	
14DIOXINTER_00155	Amount Added:	0.00	Units: uL	
GAS Hi_00440	Amount Added:	0.00	Units: uL	
ACRY/EPIH MIX_00111	Amount Added:	20.00	Units: uL	
MIX I Hi_00161	Amount Added:	0.00	Units: uL	
Ethanol mix_00075	Amount Added:	0.00	Units: uL	
MIX 2 Hi_00134	Amount Added:	0.00	Units: uL	
8FreonHi_00055	Amount Added:	0.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

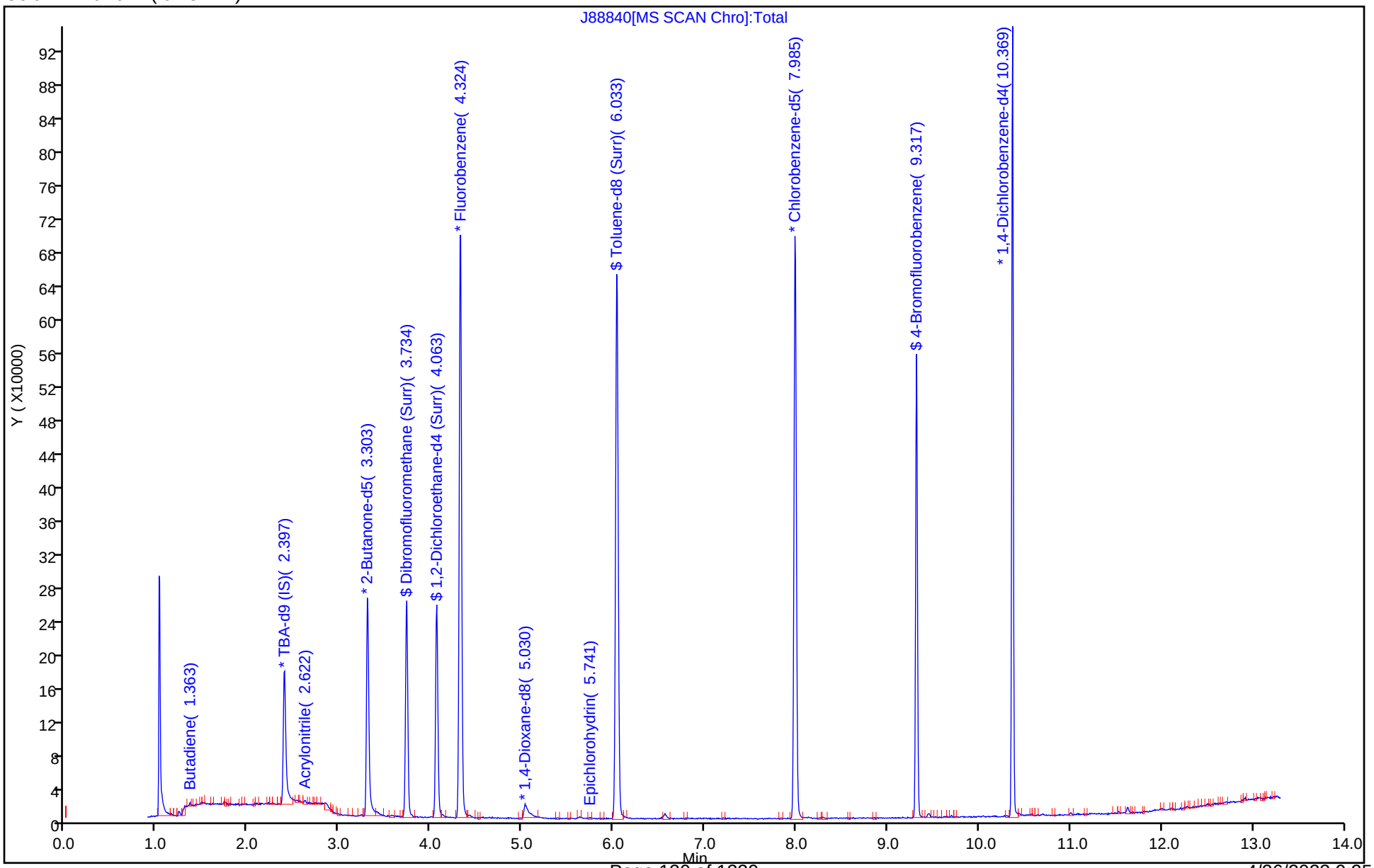
Report Date: 14-Apr-2023 19:34:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88840.D

Injection Date:	14-Apr-2023 00:39:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	STD7			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D
Lims ID: STD1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 14-Apr-2023 01:04:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD1
Misc. Info.: 460-0159076-004
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:08 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: HVW2 Date: 14-Apr-2023 01:40:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.133	0.003	87	261	1.00	1.05	
4 Dichlorodifluoromethane	85	1.161	1.157	0.004	97	2075	1.00	0.7469	
5 Chlorodifluoromethane	67	1.173	1.176	-0.003	96	503	1.00	1.12	
6 Chloromethane	50	1.288	1.285	0.003	98	3372	1.00	1.03	
7 Vinyl chloride	62	1.343	1.346	-0.003	94	3374	1.00	1.05	
8 Butadiene	54	1.361	1.363	-0.002	96	3462	1.00	1.06	
9 Bromomethane	94	1.556	1.559	-0.003	91	1306	1.00	0.9411	
10 Chloroethane	64	1.617	1.613	0.004	97	1729	1.00	1.07	M
12 Dichlorofluoromethane	67	1.732	1.735	-0.003	96	4979	1.00	1.07	
11 Trichlorofluoromethane	101	1.744	1.741	0.003	97	4033	1.00	1.06	
13 Pentane	43	1.775	1.772	0.003	95	9755	2.00	2.20	
14 Ethanol	46	1.872	1.869	0.003	30	95	40.0	31.1	
15 Ethyl ether	59	1.909	1.911	-0.002	94	2238	1.00	0.9780	
16 2-Methyl-1,3-butadiene	53	1.927	1.930	-0.003	92	2945	1.00	1.08	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.939	1.942	-0.003	81	2001	1.00	1.03	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.982	1.978	0.004	95	4129	1.00	1.09	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.033	0.003	96	2695	1.00	1.08	
19 Acrolein	56	2.042	2.039	0.003	59	1548	4.00	4.40	
21 1,1-Dichloroethene	96	2.067	2.070	-0.003	97	2648	1.00	1.10	
22 Acetone	43	2.134	2.130	0.004	84	4895	5.00	6.46	
23 Iodomethane	142	2.188	2.191	-0.003	99	2684	1.00	0.8269	
25 Isopropyl alcohol	45	2.182	2.191	-0.009	33	858	10.0	10.2	a
24 Carbon disulfide	76	2.219	2.215	0.004	99	10298	1.00	1.12	
26 3-Chloro-1-propene	76	2.310	2.313	-0.003	91	1786	1.00	1.11	
28 Methyl acetate	43	2.316	2.319	-0.003	81	4753	2.00	2.01	
27 Cyclopentene	67	2.328	2.331	-0.003	93	6296	1.00	1.04	
29 Acetonitrile	41	2.359	2.361	-0.002	71	1611	10.0	5.33	a
* 30 TBA-d9 (IS)	65	2.395	2.397	-0.002	75	219662	1000.0	1000.0	
31 Methylene Chloride	84	2.413	2.410	0.003	98	3055	1.00	1.10	
32 2-Methyl-2-propanol	59	2.456	2.447	0.009	91	2007	10.0	12.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.535	2.532	0.003	96	8166	1.00	1.03	
34 trans-1,2-Dichloroethene	96	2.559	2.562	-0.003	97	3169	1.00	1.12	
35 Acrylonitrile	53	2.620	2.622	-0.002	89	9241	10.0	9.43	
36 Hexane	57	2.681	2.684	-0.003	88	3019	1.00	1.06	M
37 Isopropyl ether	45	2.857	2.854	0.003	99	12522	1.00	1.12	
38 1,1-Dichloroethane	63	2.888	2.891	-0.003	98	6039	1.00	1.07	
39 Vinyl acetate	43	2.900	2.897	0.003	100	11695	2.00	2.07	M
40 2-Chloro-1,3-butadiene	88	2.924	2.927	-0.003	94	2787	1.00	1.07	
41 Tert-butyl ethyl ether	59	3.125	3.128	-0.003	86	9928	1.00	1.05	
* 43 2-Butanone-d5	46	3.307	3.303	0.004	87	310225	250.0	250.0	
42 2,2-Dichloropropane	79	3.307	3.310	-0.003	56	1943	1.00	1.31	
44 cis-1,2-Dichloroethene	96	3.338	3.341	-0.003	92	3673	1.00	1.16	
45 Ethyl acetate	70	3.356	3.353	0.003	91	757	2.00	2.47	M
46 2-Butanone (MEK)	72	3.356	3.359	-0.003	94	1364	5.00	5.58	
47 Methyl acrylate	55	3.399	3.401	-0.002	96	2434	1.00	0.9416	M
48 Propionitrile	54	3.478	3.474	0.004	94	3498	10.0	10.8	
50 Chlorobromomethane	128	3.545	3.541	0.004	96	1838	1.00	1.22	
49 Tetrahydrofuran	72	3.545	3.547	-0.002	53	792	2.00	2.64	
51 Methacrylonitrile	67	3.569	3.566	0.003	96	11500	10.0	10.8	
52 Chloroform	83	3.587	3.590	-0.003	97	5799	1.00	1.11	
53 Cyclohexane	84	3.703	3.705	-0.002	88	3618	1.00	1.04	
54 1,1,1-Trichloroethane	97	3.715	3.718	-0.003	97	4596	1.00	1.02	
$ 55 Dibromofluoromethane (Surr)	113	3.733	3.734	-0.001	96	139411	50.0	51.6	
56 Carbon tetrachloride	117	3.830	3.827	0.003	98	4330	1.00	1.09	
57 1,1-Dichloropropene	75	3.855	3.857	-0.002	92	4451	1.00	1.02	
58 Isobutyl alcohol	43	3.995	3.991	0.004	34	3387	25.0	26.4	a
59 Isooctane	57	4.007	4.009	-0.002	98	6019	1.00	1.08	
60 Benzene	78	4.043	4.046	-0.003	97	13020	1.00	1.05	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.063	-0.002	0	163426	50.0	51.6	
62 Isopropyl acetate	43	4.110	4.101	0.009	90	10073	1.00	1.04	
63 Tert-amyl methyl ether	55	4.116	4.107	0.009	78	1612	1.00	0.7542	M
64 1,2-Dichloroethane	62	4.134	4.131	0.003	94	4834	1.00	1.11	
65 n-Heptane	57	4.189	4.192	-0.003	95	1425	1.00	1.16	M
* 66 Fluorobenzene	96	4.323	4.324	-0.001	98	597986	50.0	50.0	
67 n-Butanol	56	4.663	4.648	0.015	56	476	25.0	14.3	M
68 Trichloroethene	95	4.670	4.672	-0.002	97	3538	1.00	1.08	
69 Methylcyclohexane	83	4.785	4.788	-0.003	88	3374	1.00	1.04	
70 Ethyl acrylate	55	4.809	4.800	0.009	98	7329	1.00	1.08	
71 1,2-Dichloropropane	63	4.955	4.958	-0.003	88	3871	1.00	1.08	
* 72 1,4-Dioxane-d8	96	5.034	5.030	0.004	0	27589	1000.0	1000.0	
73 Methyl methacrylate	100	5.059	5.049	0.010	95	1469	2.00	2.15	
75 1,4-Dioxane	88	5.095	5.092	0.003	30	547	50.0	42.6	M
74 Dibromomethane	93	5.095	5.092	0.003	93	2375	1.00	1.17	
76 n-Propyl acetate	43	5.114	5.110	0.004	98	4743	1.00	1.01	
77 Dichlorobromomethane	83	5.259	5.250	0.009	98	4424	1.00	1.06	
78 2-Nitropropane	41	5.606	5.609	-0.003	78	2372	2.00	2.72	
79 2-Chloroethyl vinyl ether	63	5.624	5.621	0.003	73	2024	1.00	1.04	
80 Epichlorohydrin	57	5.728	5.729	-0.001	97	4382	20.0	19.7	
81 cis-1,3-Dichloropropene	75	5.782	5.779	0.003	94	5571	1.00	1.02	
82 4-Methyl-2-pentanone (MIBK)	43	5.971	5.962	0.009	97	16091	5.00	5.46	
$ 83 Toluene-d8 (Surr)	98	6.038	6.033	0.005	98	503019	50.0	50.9	
84 Toluene	91	6.117	6.120	-0.003	94	13136	1.00	1.06	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.518	6.515	0.003	97	4879	1.00	1.03	
86 Ethyl methacrylate	69	6.567	6.564	0.003	86	3972	1.00	1.08	
87 1,1,2-Trichloroethane	83	6.755	6.752	0.003	92	2514	1.00	1.05	
88 Tetrachloroethene	166	6.780	6.783	-0.003	95	3194	1.00	1.08	
89 1,3-Dichloropropane	76	6.987	6.983	0.004	96	4805	1.00	1.08	
90 2-Hexanone	58	7.078	7.074	0.004	99	4731	5.00	5.01	
91 n-Butyl acetate	43	7.224	7.214	0.010	95	5032	1.00	1.01	
92 Chlorodibromomethane	129	7.236	7.233	0.003	98	2851	1.00	0.9646	
93 Ethylene Dibromide	107	7.400	7.397	0.003	99	2681	1.00	0.99	
* 94 Chlorobenzene-d5	117	7.990	7.985	0.005	88	419183	50.0	50.0	
95 Chlorobenzene	112	8.020	8.023	-0.003	94	7728	1.00	1.05	
96 Ethylbenzene	106	8.136	8.133	0.003	99	4074	1.00	1.06	
97 1,1,1,2-Tetrachloroethane	131	8.148	8.145	0.003	95	2608	1.00	0.9738	
98 m-Xylene & p-Xylene	106	8.282	8.285	-0.003	0	5251	1.00	1.12	
99 o-Xylene	106	8.738	8.735	0.003	92	4831	1.00	1.05	
100 n-Butyl acrylate	73	8.756	8.753	0.003	96	2282	1.00	1.03	
101 Styrene	104	8.774	8.771	0.003	92	7661	1.00	1.02	
103 Bromoform	173	8.981	8.984	-0.003	96	1846	1.00	1.01	
102 Amyl acetate (mixed isomers)	43	8.999	9.002	-0.003	87	5002	1.00	0.9688	
104 Isopropylbenzene	105	9.121	9.118	0.003	96	10686	1.00	1.06	
$ 105 4-Bromofluorobenzene	174	9.316	9.317	-0.001	93	143505	50.0	51.0	
106 Bromobenzene	156	9.443	9.440	0.003	96	3082	1.00	1.03	
107 1,1,2,2-Tetrachloroethane	83	9.516	9.513	0.003	98	2903	1.00	1.00	
108 N-Propylbenzene	91	9.529	9.525	0.004	98	11565	1.00	1.05	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	94	699	1.00	1.00	
110 trans-1,4-Dichloro-2-butene	53	9.577	9.574	0.003	75	1081	1.00	1.21	
111 2-Chlorotoluene	91	9.626	9.623	0.003	97	8403	1.00	1.05	
112 4-Ethyltoluene	105	9.638	9.641	-0.003	98	10185	1.00	1.11	
113 1,3,5-Trimethylbenzene	105	9.705	9.708	-0.003	91	8368	1.00	1.08	
114 4-Chlorotoluene	91	9.735	9.738	-0.003	98	7472	1.00	0.9640	
115 Butyl Methacrylate	87	9.820	9.823	-0.003	95	3304	1.00	1.01	
116 tert-Butylbenzene	119	9.985	9.987	-0.002	92	6392	1.00	1.10	
117 1,2,4-Trimethylbenzene	105	10.045	10.042	0.003	98	8791	1.00	1.08	
118 sec-Butylbenzene	105	10.179	10.182	-0.003	99	8555	1.00	1.08	
120 1,3-Dichlorobenzene	146	10.301	10.304	-0.003	94	4904	1.00	1.03	
119 4-Isopropyltoluene	119	10.313	10.310	0.003	97	7109	1.00	1.05	
* 121 1,4-Dichlorobenzene-d4	152	10.368	10.369	-0.001	96	199403	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.386	10.389	-0.003	92	5428	1.00	1.09	
123 1,2,3-Trimethylbenzene	105	10.410	10.407	0.003	98	9010	1.00	1.06	
124 Benzyl chloride	91	10.520	10.517	0.004	98	5567	1.00	1.05	
125 2,3-Dihydroindene	117	10.575	10.571	0.004	95	9227	1.00	1.09	
126 p-Diethylbenzene	119	10.635	10.632	0.003	95	4243	1.00	1.07	
127 n-Butylbenzene	92	10.654	10.650	0.004	98	3432	1.00	1.07	
128 1,2-Dichlorobenzene	146	10.696	10.699	-0.003	95	4683	1.00	1.01	
129 1,2,4,5-Tetramethylbenzene	119	11.256	11.258	-0.002	97	7006	1.00	1.06	
130 1,2-Dibromo-3-Chloropropane	157	11.335	11.337	-0.002	84	605	1.00	1.08	
131 1,3,5-Trichlorobenzene	180	11.450	11.447	0.003	95	2996	1.00	1.05	
132 1,2,4-Trichlorobenzene	180	11.925	11.927	-0.002	92	2794	1.00	1.04	a
133 Hexachlorobutadiene	225	12.010	12.006	0.004	91	956	1.00	1.05	
134 Naphthalene	128	12.107	12.110	-0.003	99	8237	1.00	1.11	
135 1,2,3-Trichlorobenzene	180	12.283	12.286	-0.003	96	2649	1.00	1.09	a
S 136 1,2-Dichloroethene, Total	100				0		2.00	2.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		2.00	2.17	
S 138 Total BTEX	1				0		5.00	5.34	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 10.00	Units: uL		
524freon_00066	Amount Added: 10.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00524	Amount Added: 10.00	Units: uL		
14DIOXINTER_00155	Amount Added: 30.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00236	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 14-Apr-2023 19:34:09 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88841.D

Injection Date: 14-Apr-2023 01:04:30 Instrument ID: CVOAMS8 Operator ID:

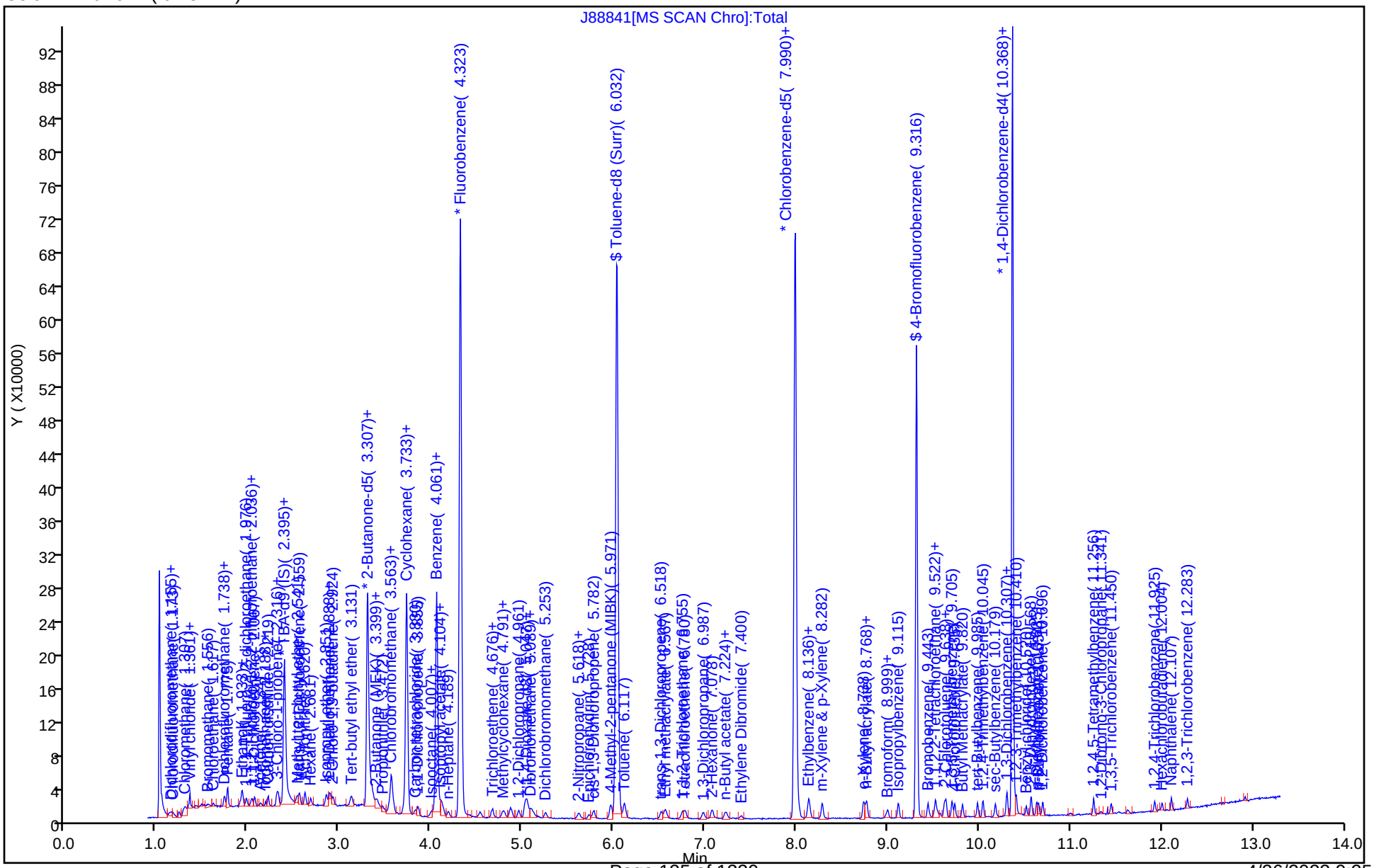
Lims ID: STD1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D
Lims ID: STD5
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 14-Apr-2023 01:29:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD5
Misc. Info.: 460-0159076-005
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:15 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 13:15:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.137	1.133	0.004	85	1281	5.00	5.14	
4 Dichlorodifluoromethane	85	1.161	1.157	0.004	98	13812	5.00	4.94	
5 Chlorodifluoromethane	67	1.180	1.176	0.004	97	2253	5.00	4.97	
6 Chloromethane	50	1.289	1.285	0.004	99	16229	5.00	4.91	
7 Vinyl chloride	62	1.344	1.346	-0.002	98	15592	5.00	4.84	
8 Butadiene	54	1.362	1.363	-0.001	94	15907	5.00	4.82	
9 Bromomethane	94	1.557	1.559	-0.002	96	6073	5.00	4.35	
10 Chloroethane	64	1.611	1.613	-0.002	99	8097	5.00	4.96	
12 Dichlorofluoromethane	67	1.733	1.735	-0.002	99	23683	5.00	5.06	
11 Trichlorofluoromethane	101	1.739	1.741	-0.002	98	19679	5.00	5.14	
13 Pentane	43	1.770	1.772	-0.002	96	45352	10.0	10.2	
14 Ethanol	46	1.873	1.869	0.004	88	598	200.0	204.0	M
15 Ethyl ether	59	1.909	1.911	-0.002	93	11841	5.00	5.14	
16 2-Methyl-1,3-butadiene	53	1.928	1.930	-0.002	98	13245	5.00	4.82	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.940	1.942	-0.002	96	10071	5.00	5.15	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.982	1.978	0.004	95	20286	5.00	5.31	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.037	2.033	0.004	98	12549	5.00	5.00	
19 Acrolein	56	2.043	2.039	0.004	96	5943	20.0	17.6	
21 1,1-Dichloroethene	96	2.068	2.070	-0.002	95	12944	5.00	5.32	
22 Acetone	43	2.134	2.130	0.004	85	16284	25.0	21.5	
23 Iodomethane	142	2.189	2.191	-0.002	97	14138	5.00	4.33	
25 Isopropyl alcohol	45	2.195	2.191	0.004	39	3836	50.0	47.6	
24 Carbon disulfide	76	2.220	2.215	0.005	100	47257	5.00	5.10	
26 3-Chloro-1-propene	76	2.311	2.313	-0.002	96	8360	5.00	5.17	
28 Methyl acetate	43	2.317	2.319	-0.002	98	23067	10.0	10.1	
27 Cyclopentene	67	2.329	2.331	-0.002	95	30643	5.00	5.04	
29 Acetonitrile	41	2.359	2.361	-0.002	96	13225	50.0	45.5	a
* 30 TBA-d9 (IS)	65	2.396	2.397	-0.001	75	211066	1000.0	1000.0	
31 Methylene Chloride	84	2.408	2.410	-0.002	98	14134	5.00	5.04	
32 2-Methyl-2-propanol	59	2.451	2.447	0.004	97	6848	50.0	45.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.536	2.532	0.004	98	39254	5.00	4.93	
34 trans-1,2-Dichloroethene	96	2.560	2.562	-0.002	98	14110	5.00	4.97	
35 Acrylonitrile	53	2.621	2.622	-0.001	94	45543	50.0	48.4	
36 Hexane	57	2.682	2.684	-0.002	94	15354	5.00	5.38	
37 Isopropyl ether	45	2.852	2.854	-0.002	98	58087	5.00	5.14	
38 1,1-Dichloroethane	63	2.889	2.891	-0.002	99	29223	5.00	5.15	
39 Vinyl acetate	43	2.895	2.897	-0.002	100	68120	10.0	12.0	
40 2-Chloro-1,3-butadiene	88	2.925	2.927	-0.002	94	13045	5.00	4.99	
41 Tert-butyl ethyl ether	59	3.126	3.128	-0.002	87	47969	5.00	5.06	
* 43 2-Butanone-d5	46	3.302	3.303	-0.001	89	309580	250.0	250.0	
42 2,2-Dichloropropane	79	3.308	3.310	-0.002	48	7087	5.00	4.74	
44 cis-1,2-Dichloroethene	96	3.339	3.341	-0.002	94	15868	5.00	4.98	
45 Ethyl acetate	70	3.357	3.353	0.004	96	3375	10.0	11.0	
46 2-Butanone (MEK)	72	3.357	3.359	-0.002	94	5621	25.0	23.0	
47 Methyl acrylate	55	3.405	3.401	0.004	99	15510	5.00	5.96	
48 Propionitrile	54	3.472	3.474	-0.002	97	14610	50.0	47.0	
50 Chlorobromomethane	128	3.545	3.541	0.004	96	7279	5.00	4.80	
49 Tetrahydrofuran	72	3.551	3.547	0.004	58	2875	10.0	9.59	
51 Methacrylonitrile	67	3.564	3.566	-0.002	97	53049	50.0	49.4	
52 Chloroform	83	3.588	3.590	-0.002	97	26987	5.00	5.12	
53 Cyclohexane	84	3.703	3.705	-0.002	97	18070	5.00	5.14	
54 1,1,1-Trichloroethane	97	3.716	3.718	-0.002	99	22878	5.00	5.07	
$ 55 Dibromofluoromethane (Surr)	113	3.734	3.734	0.000	96	140139	50.0	51.6	
56 Carbon tetrachloride	117	3.825	3.827	-0.002	97	19550	5.00	4.90	
57 1,1-Dichloropropene	75	3.855	3.857	-0.002	94	21892	5.00	5.00	
58 Isobutyl alcohol	43	3.989	3.991	-0.002	91	13199	125.0	107.0	
59 Isooctane	57	4.014	4.009	0.005	97	28253	5.00	5.02	
60 Benzene	78	4.044	4.046	-0.002	96	62656	5.00	4.99	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.062	4.063	-0.001	0	167141	50.0	52.4	
62 Isopropyl acetate	43	4.105	4.101	0.004	91	49072	5.00	5.03	
63 Tert-amyl methyl ether	55	4.111	4.107	0.004	75	12202	5.00	5.67	
64 1,2-Dichloroethane	62	4.135	4.131	0.004	95	22183	5.00	5.07	
65 n-Heptane	57	4.190	4.192	-0.002	98	6056	5.00	4.90	
* 66 Fluorobenzene	96	4.324	4.324	0.000	98	601847	50.0	50.0	
67 n-Butanol	56	4.652	4.648	0.004	96	3798	125.0	118.6	
68 Trichloroethene	95	4.670	4.672	-0.002	98	16340	5.00	4.97	
69 Methylcyclohexane	83	4.786	4.788	-0.002	89	16315	5.00	4.99	
70 Ethyl acrylate	55	4.798	4.800	-0.002	98	33705	5.00	4.93	
71 1,2-Dichloropropane	63	4.962	4.958	0.004	92	18154	5.00	5.03	
* 72 1,4-Dioxane-d8	96	5.035	5.030	0.005	0	25840	1000.0	1000.0	
73 Methyl methacrylate	100	5.053	5.049	0.004	95	7091	10.0	10.3	
75 1,4-Dioxane	88	5.084	5.092	-0.008	30	1537	100.0	127.7	M
74 Dibromomethane	93	5.090	5.092	-0.002	97	10038	5.00	4.90	
76 n-Propyl acetate	43	5.114	5.110	0.004	98	24435	5.00	5.16	
77 Dichlorobromomethane	83	5.254	5.250	0.004	98	20570	5.00	4.89	
78 2-Nitropropane	41	5.613	5.609	0.004	83	8078	10.0	9.65	
79 2-Chloroethyl vinyl ether	63	5.619	5.621	-0.002	84	9839	5.01	5.00	
80 Epichlorohydrin	57	5.729	5.729	-0.001	98	22377	100.0	100.9	
81 cis-1,3-Dichloropropene	75	5.777	5.779	-0.002	95	26995	5.00	4.90	
82 4-Methyl-2-pentanone (MIBK)	43	5.966	5.962	0.004	99	74866	25.0	25.5	
$ 83 Toluene-d8 (Surr)	98	6.033	6.033	0.000	98	507920	50.0	51.0	
84 Toluene	91	6.118	6.120	-0.002	94	62591	5.00	5.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.519	6.515	0.004	98	23578	5.00	4.92	
86 Ethyl methacrylate	69	6.568	6.564	0.004	94	18685	5.00	5.07	
87 1,1,2-Trichloroethane	83	6.750	6.752	-0.002	96	12128	5.00	5.02	
88 Tetrachloroethene	166	6.781	6.783	-0.002	95	14848	5.00	4.97	
89 1,3-Dichloropropane	76	6.975	6.983	-0.008	96	21948	5.00	4.91	
90 2-Hexanone	58	7.072	7.074	-0.002	99	24382	25.0	25.9	
91 n-Butyl acetate	43	7.218	7.214	0.004	97	24849	5.00	4.94	
92 Chlorodibromomethane	129	7.237	7.233	0.004	98	14640	5.00	4.91	
93 Ethylene Dibromide	107	7.401	7.397	0.004	99	13737	5.00	5.04	
* 94 Chlorobenzene-d5	117	7.991	7.985	0.006	87	422697	50.0	50.0	
95 Chlorobenzene	112	8.027	8.023	0.004	95	36678	5.00	4.96	
96 Ethylbenzene	106	8.137	8.133	0.004	99	19535	5.00	5.03	
97 1,1,1,2-Tetrachloroethane	131	8.149	8.145	0.004	96	13705	5.00	5.08	
98 m-Xylene & p-Xylene	106	8.283	8.285	-0.002	0	24169	5.00	5.10	
99 o-Xylene	106	8.739	8.735	0.004	93	23065	5.00	4.99	
100 n-Butyl acrylate	73	8.757	8.753	0.004	96	11030	5.00	4.96	
101 Styrene	104	8.769	8.771	-0.002	94	37637	5.00	4.95	
103 Bromoform	173	8.982	8.984	-0.002	95	8629	5.00	4.68	
102 Amyl acetate (mixed isomers)	43	9.000	9.002	-0.002	87	27093	5.00	5.15	
104 Isopropylbenzene	105	9.116	9.118	-0.002	97	51256	5.00	5.06	
$ 105 4-Bromofluorobenzene	174	9.316	9.317	-0.001	93	144872	50.0	51.1	
106 Bromobenzene	156	9.444	9.440	0.004	96	15415	5.00	5.06	
107 1,1,2,2-Tetrachloroethane	83	9.511	9.513	-0.002	99	15688	5.00	5.31	
108 N-Propylbenzene	91	9.529	9.525	0.004	99	58205	5.00	5.16	
109 1,2,3-Trichloropropane	110	9.548	9.550	-0.002	95	3718	5.00	5.23	
110 trans-1,4-Dichloro-2-butene	53	9.578	9.574	0.004	88	4294	5.00	4.70	
111 2-Chlorotoluene	91	9.621	9.623	-0.002	98	41448	5.00	5.06	
112 4-Ethyltoluene	105	9.639	9.641	-0.002	98	47244	5.00	5.05	
113 1,3,5-Trimethylbenzene	105	9.706	9.708	-0.002	92	39399	5.00	4.98	
114 4-Chlorotoluene	91	9.736	9.738	-0.002	98	41304	5.00	5.23	
115 Butyl Methacrylate	87	9.821	9.823	-0.002	95	16606	5.00	4.98	
116 tert-Butylbenzene	119	9.985	9.987	-0.002	93	30810	5.00	5.19	
117 1,2,4-Trimethylbenzene	105	10.046	10.042	0.004	98	42657	5.00	5.13	
118 sec-Butylbenzene	105	10.180	10.182	-0.002	99	41429	5.00	5.15	
120 1,3-Dichlorobenzene	146	10.302	10.304	-0.002	95	23511	5.00	4.84	
119 4-Isopropyltoluene	119	10.314	10.310	0.004	97	33997	5.00	4.95	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.369	0.000	96	203125	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.387	10.389	-0.002	95	25270	5.00	4.96	
123 1,2,3-Trimethylbenzene	105	10.411	10.407	0.004	99	44523	5.00	5.12	
124 Benzyl chloride	91	10.521	10.517	0.005	98	26712	5.00	4.95	
125 2,3-Dihydroindene	117	10.569	10.571	-0.002	94	43339	5.00	5.01	
126 p-Diethylbenzene	119	10.630	10.632	-0.002	92	20131	5.00	5.00	
127 n-Butylbenzene	92	10.654	10.650	0.004	98	16374	5.00	5.01	
128 1,2-Dichlorobenzene	146	10.697	10.699	-0.002	95	23728	5.00	5.01	
129 1,2,4,5-Tetramethylbenzene	119	11.256	11.258	-0.002	97	34178	5.00	5.10	
130 1,2-Dibromo-3-Chloropropane	157	11.342	11.337	0.005	94	2722	5.00	4.78	
131 1,3,5-Trichlorobenzene	180	11.451	11.447	0.004	97	14863	5.00	5.13	
132 1,2,4-Trichlorobenzene	180	11.925	11.927	-0.002	95	13673	5.00	4.99	
133 Hexachlorobutadiene	225	12.004	12.006	-0.002	95	4896	5.00	5.29	
134 Naphthalene	128	12.108	12.110	-0.002	99	37696	5.00	4.97	
135 1,2,3-Trichlorobenzene	180	12.284	12.286	-0.002	96	12295	5.00	4.96	
S 136 1,2-Dichloroethene, Total	100				0		10.0	9.94	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		10.0	10.1	
S 138 Total BTEX	1				0		25.0	25.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	10.00	Units: uL	
524freon_00066	Amount Added:	10.00	Units: uL	
ACROLEIN W_00151	Amount Added:	4.00	Units: uL	
GASES Li_00524	Amount Added:	10.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:16 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88842.D

Injection Date: 14-Apr-2023 01:29:30 Instrument ID: CVOAMS8 Operator ID:

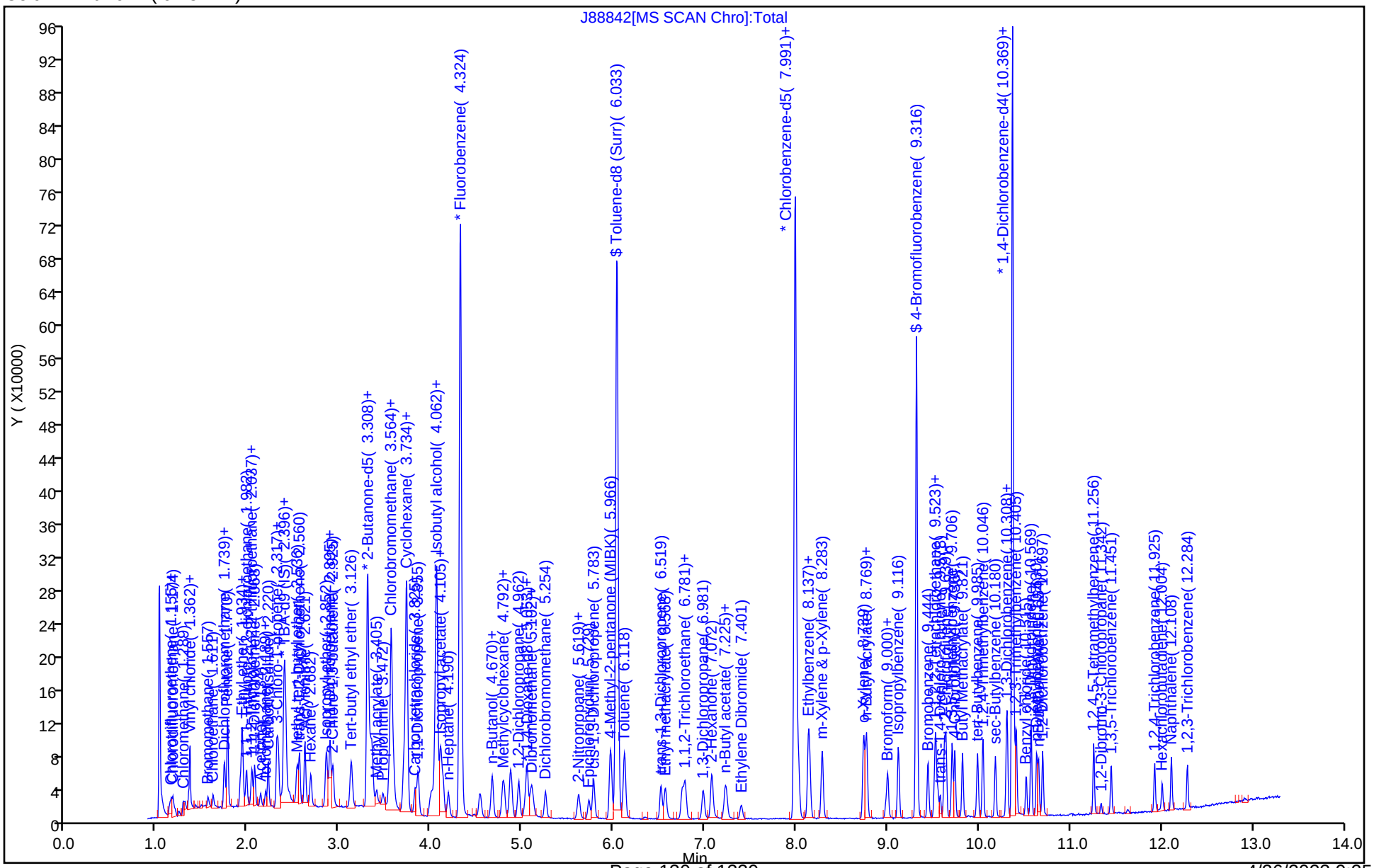
Lims ID: STD5 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88843.D
Lims ID: STD20
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 14-Apr-2023 01:54:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD20
Misc. Info.: 460-0159076-006
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:22 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 12:57:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.133	1.133	0.000	93	4702	20.0	18.6	
4 Dichlorodifluoromethane	85	1.157	1.157	0.000	99	55526	20.0	19.6	
5 Chlorodifluoromethane	67	1.176	1.176	0.000	97	8691	20.0	19.0	
6 Chloromethane	50	1.285	1.285	0.000	99	65249	20.0	19.5	
7 Vinyl chloride	62	1.346	1.346	0.000	98	63572	20.0	19.5	
8 Butadiene	54	1.358	1.358	0.000	95	64692	20.0	19.4	
9 Bromomethane	94	1.559	1.559	0.000	99	25557	20.0	18.1	
10 Chloroethane	64	1.613	1.613	0.000	99	33143	20.0	20.1	
12 Dichlorofluoromethane	67	1.735	1.735	0.000	99	94082	20.0	19.9	
11 Trichlorofluoromethane	101	1.741	1.741	0.000	98	78131	20.0	20.2	
13 Pentane	43	1.772	1.772	0.000	95	173486	40.0	38.4	
14 Ethanol	46	1.869	1.869	0.000	98	2063	800.0	687.6	
15 Ethyl ether	59	1.911	1.911	0.000	92	47090	20.0	20.2	
16 2-Methyl-1,3-butadiene	53	1.930	1.930	0.000	96	52893	20.0	19.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.942	1.942	0.000	96	38872	20.0	19.7	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.978	1.978	0.000	97	75527	20.0	19.5	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.033	2.033	0.000	97	48220	20.0	19.0	
19 Acrolein	56	2.039	2.039	0.000	93	12460	40.0	36.0	
21 1,1-Dichloroethene	96	2.070	2.070	0.000	95	46840	20.0	19.0	
22 Acetone	43	2.130	2.130	0.000	85	70384	100.0	93.7	
23 Iodomethane	142	2.191	2.191	0.000	98	61769	20.0	18.7	
25 Isopropyl alcohol	45	2.191	2.191	0.000	41	14887	200.0	180.3	
24 Carbon disulfide	76	2.215	2.215	0.000	100	181460	20.0	19.4	
26 3-Chloro-1-propene	76	2.313	2.313	0.000	94	32333	20.0	19.8	
28 Methyl acetate	43	2.319	2.319	0.000	99	90322	40.0	38.8	
27 Cyclopentene	67	2.331	2.331	0.000	95	118825	20.0	19.3	
29 Acetonitrile	41	2.361	2.361	0.000	97	51434	200.0	172.5	
* 30 TBA-d9 (IS)	65	2.392	2.392	0.000	75	216029	1000.0	1000.0	
31 Methylene Chloride	84	2.410	2.410	0.000	99	55534	20.0	19.6	
32 2-Methyl-2-propanol	59	2.447	2.447	0.000	97	28091	200.0	181.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.532	2.532	0.000	97	160861	20.0	20.0	
34 trans-1,2-Dichloroethene	96	2.562	2.562	0.000	99	55521	20.0	19.3	
35 Acrylonitrile	53	2.617	2.617	0.000	93	189978	200.0	197.2	
36 Hexane	57	2.684	2.684	0.000	93	54931	20.0	19.0	
37 Isopropyl ether	45	2.854	2.854	0.000	99	222650	20.0	19.5	
38 1,1-Dichloroethane	63	2.891	2.891	0.000	99	116900	20.0	20.4	
39 Vinyl acetate	43	2.897	2.897	0.000	100	248494	40.0	43.1	
40 2-Chloro-1,3-butadiene	88	2.927	2.927	0.000	92	51114	20.0	19.3	
41 Tert-butyl ethyl ether	59	3.128	3.128	0.000	87	191492	20.0	20.0	
* 43 2-Butanone-d5	46	3.304	3.304	0.000	98	307465	250.0	250.0	
42 2,2-Dichloropropane	79	3.310	3.310	0.000	96	28508	20.0	18.8	
44 cis-1,2-Dichloroethene	96	3.341	3.341	0.000	94	63213	20.0	19.6	
45 Ethyl acetate	70	3.353	3.353	0.000	95	11750	40.0	38.6	
46 2-Butanone (MEK)	72	3.359	3.359	0.000	94	23648	100.0	97.6	
47 Methyl acrylate	55	3.401	3.401	0.000	99	52568	20.0	20.0	
48 Propionitrile	54	3.474	3.474	0.000	97	63515	200.0	199.7	
50 Chlorobromomethane	128	3.541	3.541	0.000	97	30020	20.0	19.6	
49 Tetrahydrofuran	72	3.547	3.547	0.000	89	12452	40.0	41.8	
51 Methacrylonitrile	67	3.566	3.566	0.000	96	220652	200.0	203.3	
52 Chloroform	83	3.590	3.590	0.000	98	103200	20.0	19.4	
53 Cyclohexane	84	3.705	3.705	0.000	97	67731	20.0	19.1	
54 1,1,1-Trichloroethane	97	3.718	3.718	0.000	99	89039	20.0	19.5	
$ 55 Dibromofluoromethane (Surr)	113	3.736	3.736	0.000	96	143213	50.0	52.1	
56 Carbon tetrachloride	117	3.827	3.827	0.000	97	75696	20.0	18.8	
57 1,1-Dichloropropene	75	3.857	3.857	0.000	95	85317	20.0	19.3	
58 Isobutyl alcohol	43	3.991	3.991	0.000	93	60963	500.0	482.8	
59 Isooctane	57	4.009	4.009	0.000	98	107121	20.0	18.8	
60 Benzene	78	4.046	4.046	0.000	97	245977	20.0	19.4	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	165017	50.0	51.2	
62 Isopropyl acetate	43	4.101	4.101	0.000	95	197932	20.0	20.1	
63 Tert-amyl methyl ether	55	4.107	4.107	0.000	94	44390	20.0	20.4	
64 1,2-Dichloroethane	62	4.131	4.131	0.000	95	85630	20.0	19.4	
65 n-Heptane	57	4.192	4.192	0.000	98	22573	20.0	18.0	
* 66 Fluorobenzene	96	4.320	4.320	0.000	98	608613	50.0	50.0	
67 n-Butanol	56	4.648	4.648	0.000	96	16436	500.0	498.2	
68 Trichloroethene	95	4.672	4.672	0.000	98	63484	20.0	19.1	
69 Methylcyclohexane	83	4.788	4.788	0.000	88	63348	20.0	19.2	
70 Ethyl acrylate	55	4.800	4.800	0.000	97	135518	20.0	19.6	
71 1,2-Dichloropropane	63	4.958	4.958	0.000	91	71021	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.031	5.031	0.000	0	27293	1000.0	1000.0	
73 Methyl methacrylate	100	5.049	5.049	0.000	96	26973	40.0	38.7	
75 1,4-Dioxane	88	5.092	5.092	0.000	31	5336	400.0	419.7	M
74 Dibromomethane	93	5.092	5.092	0.000	97	40665	20.0	19.6	
76 n-Propyl acetate	43	5.110	5.110	0.000	99	97112	20.0	20.3	
77 Dichlorobromomethane	83	5.250	5.250	0.000	99	81931	20.0	19.3	
78 2-Nitropropane	41	5.609	5.609	0.000	98	31531	40.0	36.8	
79 2-Chloroethyl vinyl ether	63	5.621	5.621	0.000	97	40706	20.0	20.5	
80 Epichlorohydrin	57	5.724	5.724	0.000	99	88852	400.0	403.2	
81 cis-1,3-Dichloropropene	75	5.779	5.779	0.000	95	108148	20.0	19.5	
82 4-Methyl-2-pentanone (MIBK)	43	5.962	5.962	0.000	98	309205	100.0	105.9	
$ 83 Toluene-d8 (Surr)	98	6.035	6.035	0.000	98	513264	50.0	51.2	
84 Toluene	91	6.120	6.120	0.000	93	245248	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.515	6.515	0.000	97	93809	20.0	19.4	
86 Ethyl methacrylate	69	6.564	6.564	0.000	95	73894	20.0	19.8	
87 1,1,2-Trichloroethane	83	6.752	6.752	0.000	96	47586	20.0	19.5	
88 Tetrachloroethene	166	6.783	6.783	0.000	96	57698	20.0	19.2	
89 1,3-Dichloropropane	76	6.983	6.983	0.000	97	88447	20.0	19.6	
90 2-Hexanone	58	7.074	7.074	0.000	99	97206	100.0	103.9	
91 n-Butyl acetate	43	7.214	7.214	0.000	97	105116	20.0	20.7	
92 Chlorodibromomethane	129	7.233	7.233	0.000	98	58491	20.0	19.5	
93 Ethylene Dibromide	107	7.397	7.397	0.000	99	54609	20.0	19.9	
* 94 Chlorobenzene-d5	117	7.987	7.987	0.000	88	425931	50.0	50.0	
95 Chlorobenzene	112	8.023	8.023	0.000	95	146822	20.0	19.7	
96 Ethylbenzene	106	8.133	8.133	0.000	99	76818	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.145	8.145	0.000	96	54301	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.285	8.285	0.000	0	92295	20.0	19.3	
99 o-Xylene	106	8.735	8.735	0.000	93	92544	20.0	19.9	
100 n-Butyl acrylate	73	8.753	8.753	0.000	96	44810	20.0	20.0	
101 Styrene	104	8.771	8.771	0.000	93	151643	20.0	19.8	
103 Bromoform	173	8.984	8.984	0.000	96	34781	20.0	18.7	
102 Amyl acetate (mixed isomers)	43	9.002	9.002	0.000	87	110276	20.0	20.9	
104 Isopropylbenzene	105	9.118	9.118	0.000	96	203934	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.318	9.318	0.000	94	146801	50.0	51.4	
106 Bromobenzene	156	9.440	9.440	0.000	97	61694	20.0	20.2	
107 1,1,2,2-Tetrachloroethane	83	9.513	9.513	0.000	98	60368	20.0	20.4	
108 N-Propylbenzene	91	9.525	9.525	0.000	98	229757	20.0	20.3	
109 1,2,3-Trichloropropane	110	9.550	9.550	0.000	97	14574	20.0	20.4	
110 trans-1,4-Dichloro-2-butene	53	9.574	9.574	0.000	91	18035	20.0	19.7	
111 2-Chlorotoluene	91	9.623	9.623	0.000	97	164214	20.0	20.0	
112 4-Ethyltoluene	105	9.641	9.641	0.000	98	186647	20.0	19.9	
113 1,3,5-Trimethylbenzene	105	9.708	9.708	0.000	93	160555	20.0	20.2	
114 4-Chlorotoluene	91	9.738	9.738	0.000	98	165953	20.0	21.0	
115 Butyl Methacrylate	87	9.823	9.823	0.000	96	67264	20.0	20.1	
116 tert-Butylbenzene	119	9.987	9.987	0.000	92	119511	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	10.042	10.042	0.000	98	165835	20.0	19.9	
118 sec-Butylbenzene	105	10.182	10.182	0.000	99	160768	20.0	19.9	
120 1,3-Dichlorobenzene	146	10.304	10.304	0.000	96	97322	20.0	20.0	
119 4-Isopropyltoluene	119	10.310	10.310	0.000	98	137185	20.0	19.9	
* 121 1,4-Dichlorobenzene-d4	152	10.371	10.371	0.000	95	203716	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.389	10.389	0.000	96	98062	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.407	10.407	0.000	99	173397	20.0	19.9	
124 Benzyl chloride	91	10.517	10.517	0.000	98	108725	20.0	20.1	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	95	174597	20.0	20.1	
126 p-Diethylbenzene	119	10.632	10.632	0.000	92	78930	20.0	19.5	
127 n-Butylbenzene	92	10.650	10.650	0.000	98	64880	20.0	19.8	
128 1,2-Dichlorobenzene	146	10.699	10.699	0.000	96	94338	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.258	11.258	0.000	97	133333	20.0	19.8	
130 1,2-Dibromo-3-Chloropropane	157	11.337	11.337	0.000	96	11285	20.0	19.8	
131 1,3,5-Trichlorobenzene	180	11.447	11.447	0.000	97	57089	20.0	19.6	
132 1,2,4-Trichlorobenzene	180	11.927	11.927	0.000	94	53810	20.0	19.6	
133 Hexachlorobutadiene	225	12.006	12.006	0.000	97	19003	20.0	20.5	
134 Naphthalene	128	12.110	12.110	0.000	99	150989	20.0	19.8	
135 1,2,3-Trichlorobenzene	180	12.286	12.286	0.000	95	47618	20.0	19.1	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	39.2	
S 138 Total BTEX	1				0		100.0	97.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00066	Amount Added: 20.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00524	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00236	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 14-Apr-2023 19:34:23 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88843.D

Injection Date: 14-Apr-2023 01:54:30 Instrument ID: CVOAMS8 Operator ID:

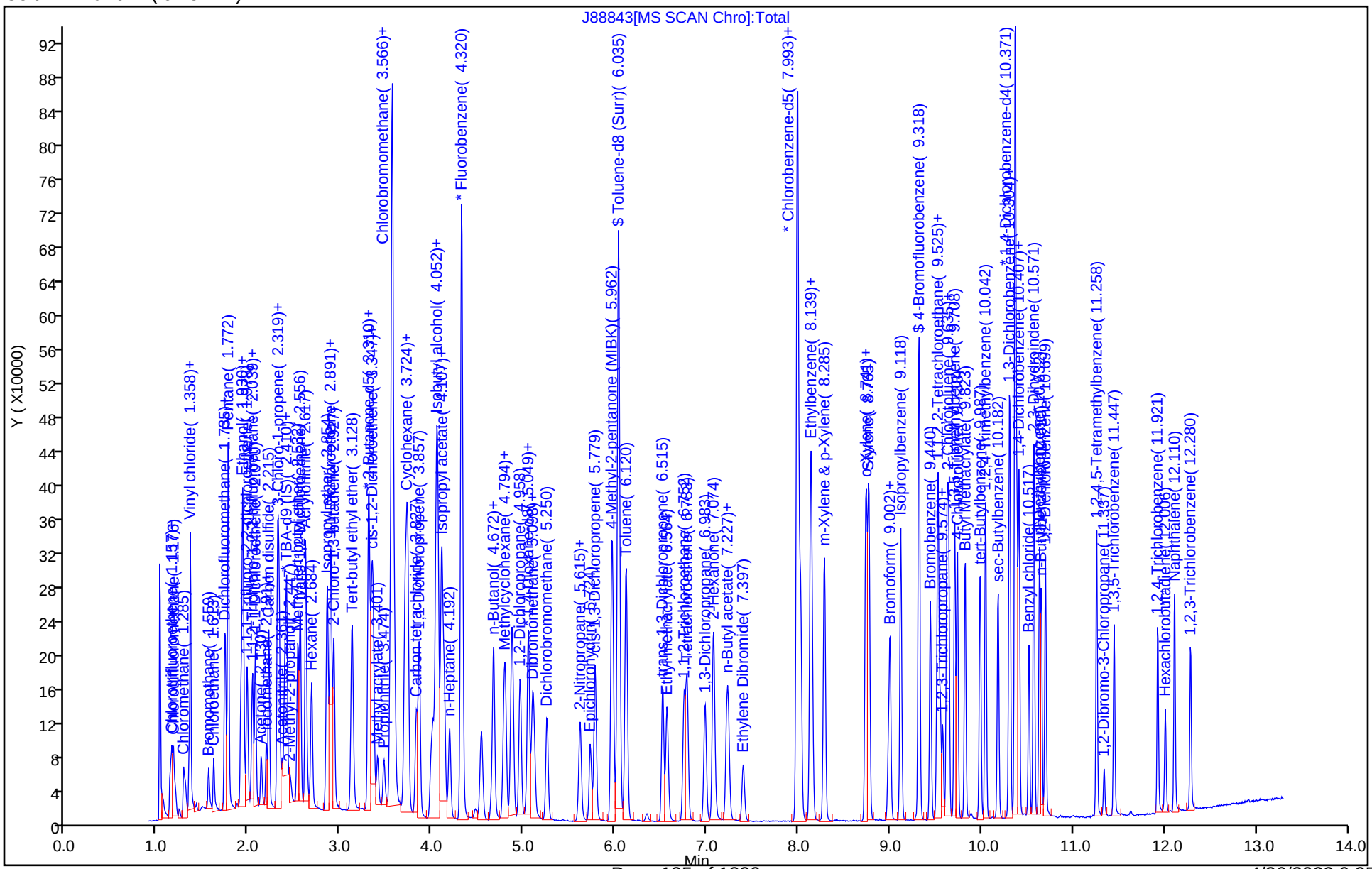
Lims ID: STD20 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 5

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88844.D
Lims ID: STD50
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 14-Apr-2023 02:19:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD50
Misc. Info.: 460-0159076-007
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:30 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 08:36:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.133	1.133	0.000	93	11868	50.0	46.4	
4 Dichlorodifluoromethane	85	1.157	1.157	0.000	99	137164	50.0	47.8	
5 Chlorodifluoromethane	67	1.175	1.176	-0.001	97	22076	50.0	47.5	
6 Chloromethane	50	1.285	1.285	0.000	99	158602	50.0	46.8	
7 Vinyl chloride	62	1.345	1.346	-0.001	97	159737	50.0	48.4	
8 Butadiene	54	1.358	1.358	0.000	95	161024	50.0	47.6	
9 Bromomethane	94	1.558	1.559	-0.001	99	67586	50.0	47.2	
10 Chloroethane	64	1.613	1.613	0.000	98	83352	50.0	49.8	
12 Dichlorofluoromethane	67	1.735	1.735	0.000	98	237639	50.0	49.5	
11 Trichlorofluoromethane	101	1.741	1.741	0.000	98	196259	50.0	50.0	
13 Pentane	43	1.771	1.772	-0.001	96	462802	100.0	101.1	
14 Ethanol	46	1.868	1.869	-0.001	99	6752	2000.0	2263.4	
15 Ethyl ether	59	1.911	1.911	0.000	92	120412	50.0	51.0	
16 2-Methyl-1,3-butadiene	53	1.929	1.930	-0.001	97	142163	50.0	50.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.941	1.942	-0.001	96	100368	50.0	50.1	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.978	1.978	0.000	97	197528	50.0	50.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.039	2.033	0.006	98	129701	50.0	50.4	
19 Acrolein	56	2.039	2.039	0.000	94	34600	100.0	100.5	
21 1,1-Dichloroethene	96	2.069	2.070	-0.001	95	124204	50.0	49.8	
22 Acetone	43	2.130	2.130	0.000	85	155193	250.0	201.3	
23 Iodomethane	142	2.191	2.191	0.000	98	187973	50.0	56.1	
25 Isopropyl alcohol	45	2.191	2.191	0.000	99	45031	500.0	548.7	
24 Carbon disulfide	76	2.215	2.215	0.000	100	476530	50.0	50.2	
26 3-Chloro-1-propene	76	2.312	2.313	-0.001	94	83864	50.0	50.6	
28 Methyl acetate	43	2.318	2.319	-0.001	99	226978	100.0	98.0	
27 Cyclopentene	67	2.331	2.331	0.000	95	318857	50.0	51.2	
29 Acetonitrile	41	2.361	2.361	0.000	98	155120	500.0	520.1	
* 30 TBA-d9 (IS)	65	2.391	2.392	-0.001	77	214798	1000.0	1000.0	
31 Methylene Chloride	84	2.410	2.410	0.000	99	143744	50.0	50.0	
32 2-Methyl-2-propanol	59	2.452	2.447	0.005	98	76248	500.0	495.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.531	2.532	-0.001	97	406976	50.0	49.8	
34 trans-1,2-Dichloroethene	96	2.562	2.562	0.000	98	146155	50.0	50.2	
35 Acrylonitrile	53	2.616	2.617	-0.001	93	479538	500.0	500.7	
36 Hexane	57	2.683	2.684	-0.001	93	142508	50.0	48.7	
37 Isopropyl ether	45	2.854	2.854	0.000	99	574329	50.0	49.6	
38 1,1-Dichloroethane	63	2.890	2.891	-0.001	99	300293	50.0	51.6	
39 Vinyl acetate	43	2.896	2.897	-0.001	100	584241	100.0	100.0	
40 2-Chloro-1,3-butadiene	88	2.927	2.927	0.000	93	133356	50.0	49.8	
41 Tert-butyl ethyl ether	59	3.127	3.128	-0.001	87	484990	50.0	49.9	
* 43 2-Butanone-d5	46	3.304	3.304	0.000	89	315616	250.0	250.0	
42 2,2-Dichloropropane	79	3.316	3.310	0.006	96	72883	50.0	47.5	
44 cis-1,2-Dichloroethene	96	3.340	3.341	-0.001	93	163999	50.0	50.2	
45 Ethyl acetate	70	3.352	3.353	-0.001	95	29492	100.0	94.5	
46 2-Butanone (MEK)	72	3.352	3.359	-0.007	94	61009	250.0	245.4	
47 Methyl acrylate	55	3.401	3.401	0.000	99	129339	50.0	48.5	
48 Propionitrile	54	3.474	3.474	0.000	97	159734	500.0	505.2	
50 Chlorobromomethane	128	3.541	3.541	0.000	96	76183	50.0	49.1	
49 Tetrahydrofuran	72	3.547	3.547	0.000	92	29841	100.0	97.6	
51 Methacrylonitrile	67	3.565	3.566	-0.001	97	565234	500.0	513.8	
52 Chloroform	83	3.589	3.590	-0.001	98	271791	50.0	50.3	
53 Cyclohexane	84	3.705	3.705	0.000	96	172157	50.0	47.8	
54 1,1,1-Trichloroethane	97	3.717	3.718	-0.001	99	225321	50.0	48.7	
$ 55 Dibromofluoromethane (Surr)	113	3.735	3.736	-0.001	96	140473	50.0	50.4	
56 Carbon tetrachloride	117	3.827	3.827	0.000	98	199471	50.0	48.8	
57 1,1-Dichloropropene	75	3.857	3.857	0.000	95	223444	50.0	49.8	
58 Isobutyl alcohol	43	3.991	3.991	0.000	93	164487	1250.0	1310.2	
59 Isooctane	57	4.009	4.009	0.000	96	286391	50.0	49.6	
60 Benzene	78	4.046	4.046	0.000	98	637571	50.0	49.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.064	4.064	0.000	0	163133	50.0	49.9	
62 Isopropyl acetate	43	4.100	4.101	-0.001	95	501328	50.0	50.1	
63 Tert-amyl methyl ether	55	4.106	4.107	-0.001	92	115238	50.0	52.3	
64 1,2-Dichloroethane	62	4.137	4.131	0.006	96	224095	50.0	50.0	
65 n-Heptane	57	4.191	4.192	-0.001	98	61302	50.0	48.3	
* 66 Fluorobenzene	96	4.319	4.320	-0.001	98	616978	50.0	50.0	
67 n-Butanol	56	4.648	4.648	0.000	92	50254	1250.0	1505.6	
68 Trichloroethene	95	4.672	4.672	0.000	98	167008	50.0	49.5	
69 Methylcyclohexane	83	4.787	4.788	-0.001	94	169873	50.0	50.7	
70 Ethyl acrylate	55	4.800	4.800	0.000	98	354783	50.0	50.6	
71 1,2-Dichloropropane	63	4.958	4.958	0.000	90	183324	50.0	49.5	
* 72 1,4-Dioxane-d8	96	5.031	5.031	0.000	0	27380	1000.0	1000.0	
73 Methyl methacrylate	100	5.049	5.049	0.000	95	70757	100.0	100.2	
75 1,4-Dioxane	88	5.092	5.092	0.000	35	13642	1000.0	1069.7	
74 Dibromomethane	93	5.092	5.092	0.000	97	103752	50.0	49.4	
76 n-Propyl acetate	43	5.110	5.110	0.000	99	248517	50.0	51.2	
77 Dichlorobromomethane	83	5.256	5.250	0.006	99	216577	50.0	50.3	
78 2-Nitropropane	41	5.608	5.609	-0.001	98	78566	100.0	92.2	
79 2-Chloroethyl vinyl ether	63	5.615	5.621	-0.007	97	103578	50.1	51.4	
80 Epichlorohydrin	57	5.724	5.724	0.000	99	226822	1000.0	1002.8	
81 cis-1,3-Dichloropropene	75	5.779	5.779	0.000	95	279916	50.0	49.7	
82 4-Methyl-2-pentanone (MIBK)	43	5.961	5.962	-0.001	98	774660	250.0	258.5	
$ 83 Toluene-d8 (Surr)	98	6.034	6.035	-0.001	99	511844	50.0	50.2	
84 Toluene	91	6.119	6.120	-0.001	93	628883	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.515	6.515	0.000	98	245839	50.0	50.1	
86 Ethyl methacrylate	69	6.563	6.564	-0.001	96	192656	50.0	51.0	
87 1,1,2-Trichloroethane	83	6.752	6.752	0.000	96	122472	50.0	49.5	
88 Tetrachloroethene	166	6.782	6.783	-0.001	97	150732	50.0	49.3	
89 1,3-Dichloropropane	76	6.983	6.983	0.000	98	228439	50.0	49.9	
90 2-Hexanone	58	7.074	7.074	0.000	99	245219	250.0	255.4	
91 n-Butyl acetate	43	7.214	7.214	0.000	97	263277	50.0	51.2	
92 Chlorodibromomethane	129	7.238	7.233	0.005	98	153118	50.0	50.2	
93 Ethylene Dibromide	107	7.396	7.397	-0.001	98	140407	50.0	50.3	
* 94 Chlorobenzene-d5	117	7.986	7.987	-0.001	88	432536	50.0	50.0	
95 Chlorobenzene	112	8.023	8.023	0.000	94	378960	50.0	50.1	
96 Ethylbenzene	106	8.132	8.133	-0.001	99	196982	50.0	49.6	
97 1,1,1,2-Tetrachloroethane	131	8.150	8.145	0.005	96	140130	50.0	50.7	
98 m-Xylene & p-Xylene	106	8.284	8.285	-0.001	0	238664	50.0	49.2	
99 o-Xylene	106	8.734	8.735	-0.001	94	238695	50.0	50.4	
100 n-Butyl acrylate	73	8.752	8.753	-0.001	96	114565	50.0	50.3	
101 Styrene	104	8.771	8.771	0.000	93	394529	50.0	50.7	
103 Bromoform	173	8.984	8.984	0.000	96	92974	50.0	49.2	
102 Amyl acetate (mixed isomers)	43	9.002	9.002	0.000	87	283284	50.0	53.4	
104 Isopropylbenzene	105	9.117	9.118	-0.001	96	521696	50.0	50.4	
$ 105 4-Bromofluorobenzene	174	9.318	9.318	0.000	93	145127	50.0	50.0	
106 Bromobenzene	156	9.440	9.440	0.000	95	156775	50.0	51.0	
107 1,1,2,2-Tetrachloroethane	83	9.513	9.513	0.000	98	148738	50.0	50.0	
108 N-Propylbenzene	91	9.525	9.525	0.000	99	596353	50.0	52.5	
109 1,2,3-Trichloropropane	110	9.549	9.550	-0.001	96	36288	50.0	50.6	
110 trans-1,4-Dichloro-2-butene	53	9.573	9.574	-0.001	90	45710	50.0	49.6	
111 2-Chlorotoluene	91	9.622	9.623	-0.001	98	433322	50.0	52.5	
112 4-Ethyltoluene	105	9.640	9.641	-0.001	98	491132	50.0	52.1	
113 1,3,5-Trimethylbenzene	105	9.707	9.708	-0.001	92	412729	50.0	51.8	
114 4-Chlorotoluene	91	9.738	9.738	0.000	98	399364	50.0	50.2	
115 Butyl Methacrylate	87	9.823	9.823	0.000	96	175545	50.0	52.2	
116 tert-Butylbenzene	119	9.987	9.987	0.000	93	309057	50.0	51.6	
117 1,2,4-Trimethylbenzene	105	10.042	10.042	0.000	98	430451	50.0	51.4	
118 sec-Butylbenzene	105	10.182	10.182	0.000	99	417963	50.0	51.5	
120 1,3-Dichlorobenzene	146	10.303	10.304	-0.001	95	249674	50.0	51.0	
119 4-Isopropyltoluene	119	10.309	10.310	-0.001	98	361170	50.0	52.1	
* 121 1,4-Dichlorobenzene-d4	152	10.370	10.371	-0.001	95	204794	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.388	10.389	-0.001	95	255108	50.0	49.7	
123 1,2,3-Trimethylbenzene	105	10.407	10.407	0.000	99	446635	50.0	51.0	
124 Benzyl chloride	91	10.516	10.517	0.000	98	271027	50.0	49.8	
125 2,3-Dihydroindene	117	10.571	10.571	0.000	95	439422	50.0	50.4	
126 p-Diethylbenzene	119	10.632	10.632	0.000	92	205157	50.0	50.5	
127 n-Butylbenzene	92	10.656	10.650	0.006	98	162673	50.0	49.4	
128 1,2-Dichlorobenzene	146	10.699	10.699	-0.001	96	240932	50.0	50.4	
129 1,2,4,5-Tetramethylbenzene	119	11.258	11.258	0.000	97	341029	50.0	50.5	
130 1,2-Dibromo-3-Chloropropane	157	11.337	11.337	0.000	96	27938	50.0	48.7	
131 1,3,5-Trichlorobenzene	180	11.447	11.447	-0.001	98	145336	50.0	49.7	
132 1,2,4-Trichlorobenzene	180	11.927	11.927	0.000	94	136497	50.0	49.4	
133 Hexachlorobutadiene	225	12.006	12.006	0.000	97	43472	50.0	46.6	
134 Naphthalene	128	12.109	12.110	-0.001	99	382483	50.0	50.0	
135 1,2,3-Trichlorobenzene	180	12.286	12.286	0.000	95	123460	50.0	49.4	
S 136 1,2-Dichloroethene, Total	100				0		100.0	100.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		100.0	99.6	
S 138 Total BTEX	1				0		250.0	248.2	

QC Flag Legend

Processing Flags

Reagents:

8260MIX1COMB_00168	Amount Added:	50.00	Units: uL	
524freon_00066	Amount Added:	50.00	Units: uL	
ACROLEIN W_00151	Amount Added:	10.00	Units: uL	
GASES Li_00524	Amount Added:	50.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:31 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88844.D

Injection Date: 14-Apr-2023 02:19:30 Instrument ID: CVOAMS8 Operator ID:

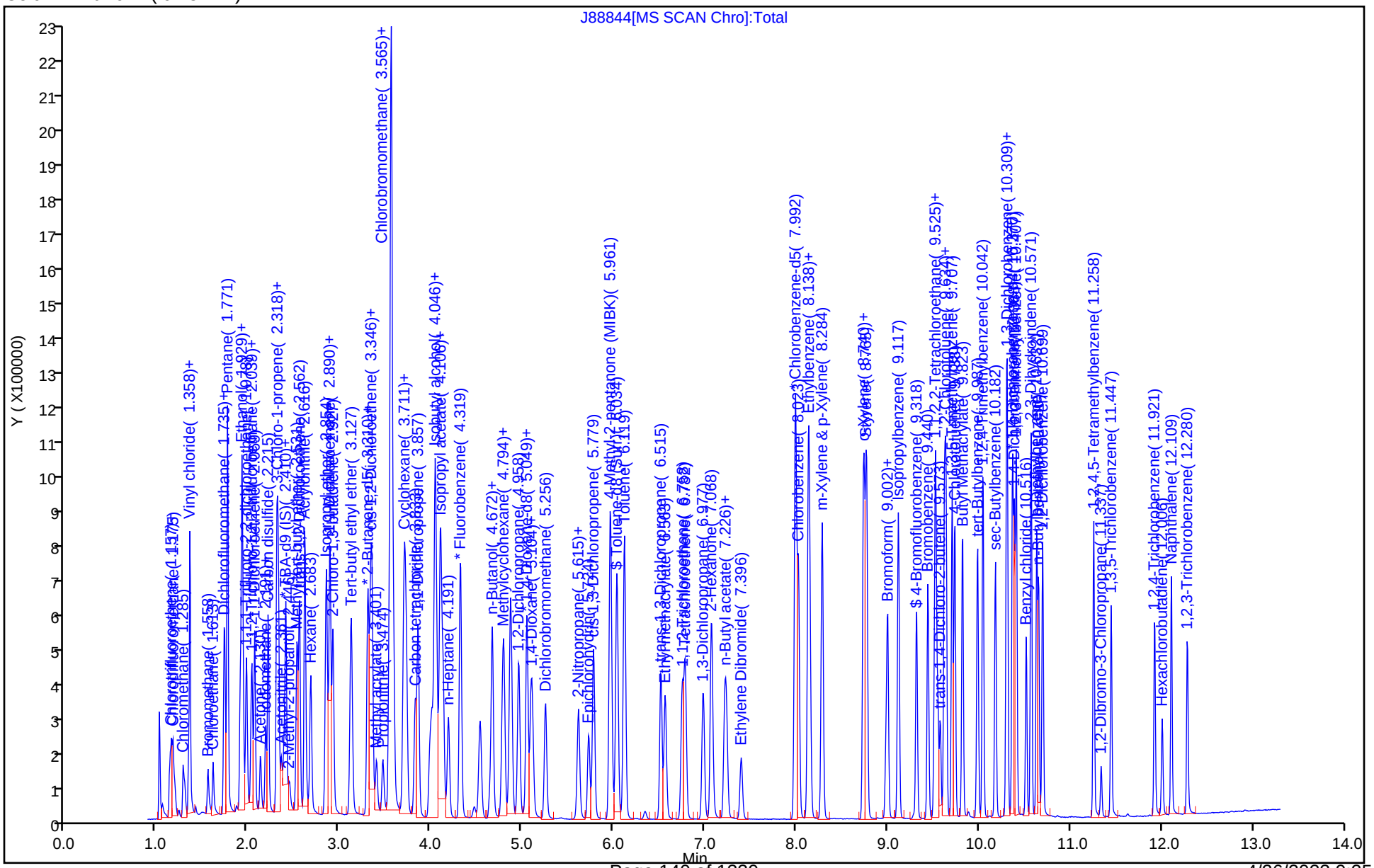
Lims ID: STD50 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 6

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88845.D
Lims ID: STD200
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 14-Apr-2023 02:44:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD200
Misc. Info.: 460-0159076-008
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:38 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 13:09:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.133	0.003	92	51713	200.0	202.1	
4 Dichlorodifluoromethane	85	1.160	1.157	0.003	99	674028	200.0	235.0	
5 Chlorodifluoromethane	67	1.179	1.176	0.003	97	90977	200.0	195.6	
6 Chloromethane	50	1.288	1.285	0.003	99	682744	200.0	201.5	
7 Vinyl chloride	62	1.349	1.346	0.003	98	668028	200.0	202.2	
8 Butadiene	54	1.361	1.358	0.003	95	677725	200.0	200.2	
9 Bromomethane	94	1.556	1.559	-0.003	99	310326	200.0	216.6	
10 Chloroethane	64	1.610	1.613	-0.003	98	328779	200.0	196.2	
12 Dichlorofluoromethane	67	1.732	1.735	-0.003	99	925955	200.0	192.8	
11 Trichlorofluoromethane	101	1.744	1.741	0.003	98	763072	200.0	194.1	
13 Pentane	43	1.768	1.772	-0.004	95	1832304	400.0	400.1	
14 Ethanol	46	1.872	1.869	0.003	97	21924	8000.0	7491.5	
15 Ethyl ether	59	1.908	1.911	-0.003	92	466877	200.0	197.6	
16 2-Methyl-1,3-butadiene	53	1.927	1.930	-0.003	99	558434	200.0	198.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.945	1.942	0.003	96	395930	200.0	197.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.981	1.978	0.003	97	738366	200.0	188.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.033	0.003	98	529238	200.0	205.5	
19 Acrolein	56	2.042	2.039	0.003	94	70984	200.0	210.1	
21 1,1-Dichloroethene	96	2.073	2.070	0.003	95	476239	200.0	190.9	
22 Acetone	43	2.133	2.130	0.003	85	856868	1000.0	1099.8	
23 Iodomethane	142	2.188	2.191	-0.003	99	767817	200.0	229.1	
25 Isopropyl alcohol	45	2.194	2.191	0.003	99	151158	2000.0	1877.3	
24 Carbon disulfide	76	2.219	2.215	0.003	100	1820090	200.0	191.4	
26 3-Chloro-1-propene	76	2.310	2.313	-0.003	95	315343	200.0	190.1	
28 Methyl acetate	43	2.316	2.319	-0.003	99	921502	400.0	405.7	
27 Cyclopentene	67	2.328	2.331	-0.003	96	1281765	200.0	205.6	
29 Acetonitrile	41	2.358	2.361	-0.003	98	598806	2000.0	1997.2	a
* 30 TBA-d9 (IS)	65	2.395	2.392	0.003	84	210723	1000.0	1000.0	
31 Methylene Chloride	84	2.413	2.410	0.003	99	553609	200.0	192.3	
32 2-Methyl-2-propanol	59	2.450	2.447	0.003	98	274381	2000.0	1815.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.535	2.532	0.003	98	1605798	200.0	196.6	
34 trans-1,2-Dichloroethene	96	2.559	2.562	-0.003	98	567996	200.0	194.9	
35 Acrylonitrile	53	2.620	2.617	0.003	92	1850096	2000.0	1969.0	
36 Hexane	57	2.681	2.684	-0.003	94	571145	200.0	195.1	
37 Isopropyl ether	45	2.851	2.854	-0.003	99	2198116	200.0	189.7	
38 1,1-Dichloroethane	63	2.887	2.891	-0.004	99	1092880	200.0	187.7	
39 Vinyl acetate	43	2.894	2.897	-0.003	100	2067855	400.0	353.8	
40 2-Chloro-1,3-butadiene	88	2.924	2.927	-0.003	93	521546	200.0	194.5	
41 Tert-butyl ethyl ether	59	3.125	3.128	-0.003	87	1883016	200.0	193.5	
* 43 2-Butanone-d5	46	3.307	3.304	0.003	81	318891	250.0	250.0	
42 2,2-Dichloropropane	79	3.313	3.310	0.003	97	288201	200.0	187.8	
44 cis-1,2-Dichloroethene	96	3.337	3.341	-0.004	94	612127	200.0	187.1	
45 Ethyl acetate	70	3.356	3.353	0.003	96	112283	400.0	356.0	
46 2-Butanone (MEK)	72	3.356	3.359	-0.003	95	252797	1000.0	1006.3	
47 Methyl acrylate	55	3.404	3.401	0.003	99	504387	200.0	189.0	
48 Propionitrile	54	3.477	3.474	0.003	97	604495	2000.0	1948.9	
50 Chlorobromomethane	128	3.544	3.541	0.003	94	288771	200.0	185.8	
49 Tetrahydrofuran	72	3.544	3.547	-0.003	84	105898	400.0	342.8	
51 Methacrylonitrile	67	3.569	3.566	0.003	96	2172564	2000.0	1973.6	
52 Chloroform	83	3.593	3.590	0.003	98	1084079	200.0	200.4	
53 Cyclohexane	84	3.702	3.705	-0.003	97	744265	200.0	206.4	
54 1,1,1-Trichloroethane	97	3.721	3.718	0.003	98	936076	200.0	202.1	
$ 55 Dibromofluoromethane (Surr)	113	3.733	3.736	-0.003	96	120381	50.0	43.2	
56 Carbon tetrachloride	117	3.830	3.827	0.003	98	826094	200.0	201.9	
57 1,1-Dichloropropene	75	3.860	3.857	0.003	95	901711	200.0	200.9	
58 Isobutyl alcohol	43	3.988	3.991	-0.003	93	638632	5000.0	5185.3	
59 Isooctane	57	4.012	4.009	0.003	95	1136123	200.0	196.6	
60 Benzene	78	4.043	4.046	-0.003	98	2471731	200.0	196.7	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.064	-0.003	0	145043	50.0	44.4	
62 Isopropyl acetate	43	4.104	4.101	0.003	95	1960673	200.0	195.9	
63 Tert-amyl methyl ether	55	4.110	4.107	0.003	93	450443	200.0	204.1	
64 1,2-Dichloroethane	62	4.134	4.131	0.003	96	887050	200.0	197.6	
65 n-Heptane	57	4.189	4.192	-0.003	98	252959	200.0	199.4	
* 66 Fluorobenzene	96	4.323	4.320	0.003	98	617388	50.0	50.0	
67 n-Butanol	56	4.645	4.648	-0.003	94	170357	5000.0	4915.0	
68 Trichloroethene	95	4.669	4.672	-0.003	98	666401	200.0	197.4	
69 Methylcyclohexane	83	4.791	4.788	0.003	83	686149	200.0	204.6	
70 Ethyl acrylate	55	4.797	4.800	-0.003	98	1402721	200.0	199.9	
71 1,2-Dichloropropane	63	4.961	4.958	0.003	90	732681	200.0	197.8	
* 72 1,4-Dioxane-d8	96	5.034	5.031	0.003	0	27809	1000.0	1000.0	
73 Methyl methacrylate	100	5.052	5.049	0.003	95	276272	400.0	390.9	
75 1,4-Dioxane	88	5.089	5.092	-0.003	37	44770	4000.0	3456.3	
74 Dibromomethane	93	5.095	5.092	0.003	97	412239	200.0	196.1	
76 n-Propyl acetate	43	5.113	5.110	0.003	99	959266	200.0	197.5	
77 Dichlorobromomethane	83	5.253	5.250	0.003	99	868560	200.0	201.5	
78 2-Nitropropane	41	5.606	5.609	-0.003	99	314042	400.0	375.6	
79 2-Chloroethyl vinyl ether	63	5.618	5.621	-0.003	84	397597	200.5	197.0	
80 Epichlorohydrin	57	5.727	5.724	0.003	99	889355	4000.0	3891.6	
81 cis-1,3-Dichloropropene	75	5.782	5.779	0.003	95	1116223	200.0	202.6	
82 4-Methyl-2-pentanone (MIBK)	43	5.965	5.962	0.003	98	2917784	1000.0	963.8	
$ 83 Toluene-d8 (Surr)	98	6.038	6.035	0.003	98	435929	50.0	43.8	
84 Toluene	91	6.117	6.120	-0.003	93	2461139	200.0	197.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.518	6.515	0.003	97	978868	200.0	204.0	
86 Ethyl methacrylate	69	6.567	6.564	0.003	96	745175	200.0	197.0	
87 1,1,2-Trichloroethane	83	6.749	6.752	-0.003	96	477970	200.0	197.7	
88 Tetrachloroethene	166	6.786	6.783	0.003	96	591904	200.0	197.9	
89 1,3-Dichloropropane	76	6.980	6.983	-0.003	98	881503	200.0	197.0	
90 2-Hexanone	58	7.071	7.074	-0.003	99	974431	1000.0	1004.4	
91 n-Butyl acetate	43	7.217	7.214	0.003	97	1000513	200.0	198.8	
92 Chlorodibromomethane	129	7.236	7.233	0.003	98	617260	200.0	207.0	
93 Ethylene Dibromide	107	7.400	7.397	0.003	99	545957	200.0	200.1	
* 94 Chlorobenzene-d5	117	7.990	7.987	0.003	87	422984	50.0	50.0	
95 Chlorobenzene	112	8.026	8.023	0.003	93	1468086	200.0	198.5	
96 Ethylbenzene	106	8.136	8.133	0.003	99	774011	200.0	199.1	
97 1,1,1,2-Tetrachloroethane	131	8.148	8.145	0.003	96	547756	200.0	202.7	
98 m-Xylene & p-Xylene	106	8.288	8.285	0.003	0	908470	200.0	191.5	
99 o-Xylene	106	8.738	8.735	0.003	93	906045	200.0	195.8	
100 n-Butyl acrylate	73	8.756	8.753	0.003	97	433433	200.0	194.7	
101 Styrene	104	8.774	8.771	0.003	93	1525667	200.0	200.3	
103 Bromoform	173	8.987	8.984	0.003	97	379552	200.0	205.6	
102 Amyl acetate (mixed isomers)	43	8.999	9.002	-0.003	87	1060408	200.0	198.6	
104 Isopropylbenzene	105	9.121	9.118	0.003	97	1967030	200.0	194.2	
$ 105 4-Bromofluorobenzene	174	9.321	9.318	0.003	95	122072	50.0	43.0	
106 Bromobenzene	156	9.443	9.440	0.003	95	617827	200.0	199.7	
107 1,1,2,2-Tetrachloroethane	83	9.516	9.513	0.003	99	592575	200.0	197.7	
108 N-Propylbenzene	91	9.528	9.525	0.003	99	2250035	200.0	196.7	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	97	142691	200.0	197.8	
110 trans-1,4-Dichloro-2-butene	53	9.577	9.574	0.003	92	177840	200.0	191.8	
111 2-Chlorotoluene	91	9.626	9.623	0.003	98	1646587	200.0	198.2	
112 4-Ethyltoluene	105	9.644	9.641	0.003	98	1835127	200.0	193.4	
113 1,3,5-Trimethylbenzene	105	9.711	9.708	0.003	92	1564531	200.0	194.9	
114 4-Chlorotoluene	91	9.735	9.738	-0.003	98	1602492	200.0	200.0	
115 Butyl Methacrylate	87	9.820	9.823	-0.003	96	670081	200.0	197.9	
116 tert-Butylbenzene	119	9.984	9.987	-0.003	93	1146712	200.0	190.3	
117 1,2,4-Trimethylbenzene	105	10.045	10.042	0.003	98	1628890	200.0	193.1	
118 sec-Butylbenzene	105	10.179	10.182	-0.003	99	1569948	200.0	192.2	
120 1,3-Dichlorobenzene	146	10.307	10.304	0.003	95	995534	200.0	201.9	
119 4-Isopropyltoluene	119	10.313	10.310	0.003	97	1372119	200.0	196.7	
* 121 1,4-Dichlorobenzene-d4	152	10.367	10.371	-0.004	96	206171	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.392	10.389	0.003	94	1025608	200.0	198.5	
123 1,2,3-Trimethylbenzene	105	10.410	10.407	0.003	99	1721369	200.0	195.1	
124 Benzyl chloride	91	10.520	10.517	0.004	98	1090595	200.0	199.0	
125 2,3-Dihydroindene	117	10.574	10.571	0.003	95	1729463	200.0	197.1	
126 p-Diethylbenzene	119	10.635	10.632	0.003	93	796201	200.0	194.7	
127 n-Butylbenzene	92	10.653	10.650	0.003	98	652526	200.0	196.6	
128 1,2-Dichlorobenzene	146	10.702	10.699	0.003	96	974470	200.0	202.5	
129 1,2,4,5-Tetramethylbenzene	119	11.255	11.258	-0.003	97	1332082	200.0	195.8	
130 1,2-Dibromo-3-Chloropropane	157	11.341	11.337	0.003	97	115971	200.0	200.7	
131 1,3,5-Trichlorobenzene	180	11.450	11.447	0.003	98	576347	200.0	195.9	
132 1,2,4-Trichlorobenzene	180	11.924	11.927	-0.003	94	555333	200.0	199.8	
133 Hexachlorobutadiene	225	12.009	12.006	0.003	97	175237	200.0	186.5	
134 Naphthalene	128	12.107	12.110	-0.003	99	1502232	200.0	195.0	
135 1,2,3-Trichlorobenzene	180	12.283	12.286	-0.003	95	495385	200.0	196.7	
S 136 1,2-Dichloroethene, Total	100				0		400.0	382.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		400.0	387.3	
S 138 Total BTEX	1				0		1000.0	980.7	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00134	Amount Added:	20.00	Units: uL	
MIX I Hi_00161	Amount Added:	20.00	Units: uL	
8FreonHi_00055	Amount Added:	20.00	Units: uL	
GAS Hi_00440	Amount Added:	20.00	Units: uL	
Ethanol mix_00075	Amount Added:	20.00	Units: uL	
ACROLEIN W_00151	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:38 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88845.D

Injection Date: 14-Apr-2023 02:44:30 Instrument ID: CVOAMS8 Operator ID:

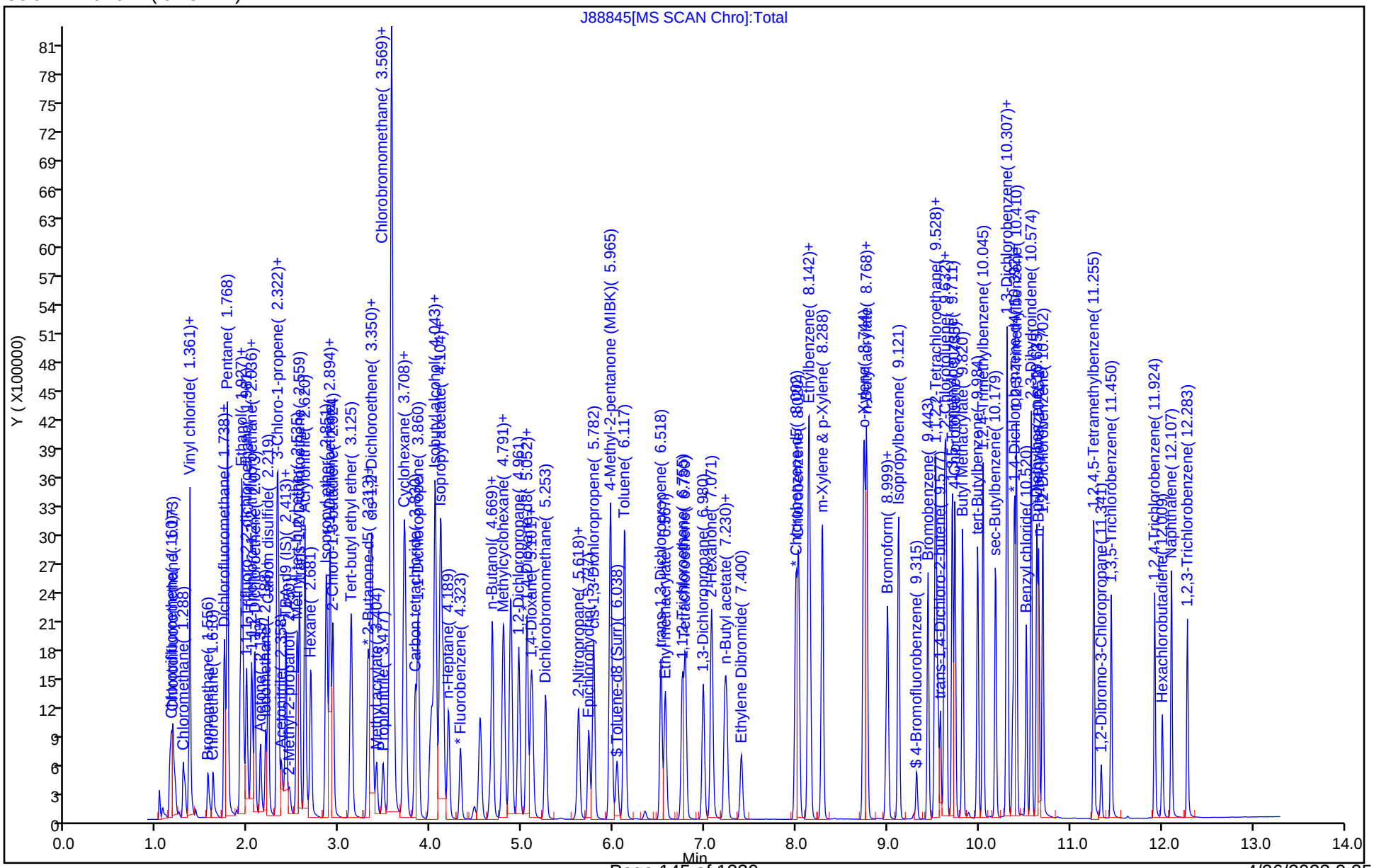
Lims ID: STD200 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D
Lims ID: STD500
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 14-Apr-2023 03:09:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: STD500
Misc. Info.: 460-0159076-009
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:34:46 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 13:12:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.137	1.133	0.004	91	133543	500.0	524.5	
4 Dichlorodifluoromethane	85	1.161	1.157	0.004	99	1643228	500.0	575.8	
5 Chlorodifluoromethane	67	1.174	1.176	-0.002	97	234662	500.0	507.1	
6 Chloromethane	50	1.283	1.285	-0.002	99	1802176	500.0	534.5	
7 Vinyl chloride	62	1.350	1.346	0.004	98	1681596	500.0	511.5	
8 Butadiene	54	1.362	1.358	0.004	95	1633556	500.0	485.1	
9 Bromomethane	94	1.557	1.559	-0.002	99	896402	500.0	628.8	
10 Chloroethane	64	1.611	1.613	-0.002	98	803289	500.0	481.8	
12 Dichlorofluoromethane	67	1.733	1.735	-0.002	98	2321021	500.0	485.6	
11 Trichlorofluoromethane	101	1.745	1.741	0.004	98	1828544	500.0	467.6	
13 Pentane	43	1.770	1.772	-0.002	95	4160388	1000.0	912.9	
14 Ethanol	46	1.873	1.869	0.004	97	75099	20000	25475	
15 Ethyl ether	59	1.909	1.911	-0.002	93	1145521	500.0	487.3	
16 2-Methyl-1,3-butadiene	53	1.928	1.930	-0.002	98	1407605	500.0	502.0	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.946	1.942	0.004	95	961703	500.0	482.3	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.982	1.978	0.004	96	1800496	500.0	461.6	a
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.037	2.033	0.004	98	1199275	500.0	467.9	
19 Acrolein	56	2.043	2.039	0.004	94	145490	400.0	427.5	
21 1,1-Dichloroethene	96	2.074	2.070	0.004	96	1161053	500.0	467.8	
22 Acetone	43	2.134	2.130	0.004	85	2022817	2500.0	2513.0	
23 Iodomethane	142	2.189	2.191	-0.002	99	1841191	500.0	552.2	
25 Isopropyl alcohol	45	2.195	2.191	0.004	99	441542	5000.0	5444.0	
24 Carbon disulfide	76	2.220	2.215	0.005	100	4417580	500.0	467.0	
26 3-Chloro-1-propene	76	2.311	2.313	-0.002	95	745250	500.0	451.6	
28 Methyl acetate	43	2.317	2.319	-0.002	100	2329221	1000.0	1018.0	
27 Cyclopentene	67	2.329	2.331	-0.002	96	2889244	500.0	465.7	
29 Acetonitrile	41	2.359	2.361	-0.002	97	1584341	5000.0	5000.3	a
* 30 TBA-d9 (IS)	65	2.396	2.392	0.004	77	212263	1000.0	1000.0	
31 Methylene Chloride	84	2.414	2.410	0.004	99	1372896	500.0	479.2	
32 2-Methyl-2-propanol	59	2.451	2.447	0.004	98	773683	5000.0	5082.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.536	2.532	0.004	98	4079978	500.0	501.9	
34 trans-1,2-Dichloroethene	96	2.560	2.562	-0.002	98	1363511	500.0	470.2	
35 Acrylonitrile	53	2.621	2.617	0.004	92	4628810	5000.0	4890.6	
36 Hexane	57	2.682	2.684	-0.002	93	1394417	500.0	478.8	
37 Isopropyl ether	45	2.852	2.854	-0.002	99	5425072	500.0	470.5	
38 1,1-Dichloroethane	63	2.895	2.891	0.004	99	2633687	500.0	454.7	
39 Vinyl acetate	43	2.895	2.897	-0.002	100	4702367	1000.0	808.6	
40 2-Chloro-1,3-butadiene	88	2.925	2.927	-0.002	92	1326850	500.0	497.3	
41 Tert-butyl ethyl ether	59	3.126	3.128	-0.002	88	4703532	500.0	485.8	
* 43 2-Butanone-d5	46	3.308	3.304	0.004	84	329468	250.0	250.0	
42 2,2-Dichloropropane	79	3.314	3.310	0.004	97	698106	500.0	457.1	
44 cis-1,2-Dichloroethene	96	3.339	3.341	-0.002	95	1509556	500.0	463.7	
45 Ethyl acetate	70	3.357	3.353	0.004	96	281187	1000.0	863.0	
46 2-Butanone (MEK)	72	3.357	3.359	-0.002	95	647250	2500.0	2493.8	
47 Methyl acrylate	55	3.405	3.401	0.004	99	1264389	500.0	476.1	
48 Propionitrile	54	3.478	3.474	0.004	97	1552656	5000.0	4969.6	
50 Chlorobromomethane	128	3.545	3.541	0.004	95	717530	500.0	464.0	
49 Tetrahydrofuran	72	3.545	3.547	-0.002	64	270100	1000.0	846.2	
51 Methacrylonitrile	67	3.576	3.566	0.010	94	4937868	5000.0	4508.3	
52 Chloroform	83	3.594	3.590	0.004	98	2404118	500.0	446.8	
53 Cyclohexane	84	3.703	3.705	-0.002	97	1784334	500.0	497.4	
54 1,1,1-Trichloroethane	97	3.722	3.718	0.004	98	2311981	500.0	501.7	
$ 55 Dibromofluoromethane (Surr)	113	3.740	3.736	0.004	97	136085	50.0	49.1	
56 Carbon tetrachloride	117	3.831	3.827	0.004	98	2039878	500.0	501.2	
57 1,1-Dichloropropene	75	3.862	3.857	0.005	95	2256334	500.0	505.2	
58 Isobutyl alcohol	43	3.989	3.991	-0.002	94	1609549	12500	12974	
59 Isooctane	57	4.014	4.009	0.005	94	2893231	500.0	503.2	a
60 Benzene	78	4.044	4.046	-0.002	98	6012502	500.0	504.8	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.068	4.064	0.004	0	160510	50.0	49.3	
62 Isopropyl acetate	43	4.105	4.101	0.004	96	4825809	500.0	484.7	
63 Tert-amyl methyl ether	55	4.111	4.107	0.004	93	1126020	500.0	512.8	
64 1,2-Dichloroethane	62	4.141	4.131	0.010	96	2051051	500.0	459.3	
65 n-Heptane	57	4.190	4.192	-0.002	98	628303	500.0	497.7	
* 66 Fluorobenzene	96	4.324	4.320	0.004	98	614284	50.0	50.0	
67 n-Butanol	56	4.646	4.648	-0.002	94	490501	12500	12509	
68 Trichloroethene	95	4.670	4.672	-0.002	97	1669344	500.0	497.0	
69 Methylcyclohexane	83	4.792	4.788	0.004	85	1615464	500.0	484.1	
70 Ethyl acrylate	55	4.798	4.800	-0.002	98	3296220	500.0	472.2	
71 1,2-Dichloropropane	63	4.962	4.958	0.004	90	1773437	500.0	481.3	
* 72 1,4-Dioxane-d8	96	5.035	5.031	0.004	0	34286	1000.0	1000.0	
73 Methyl methacrylate	100	5.053	5.049	0.004	95	668381	1000.0	950.5	
75 1,4-Dioxane	88	5.090	5.092	-0.002	81	141916	10000	8886.3	
74 Dibromomethane	93	5.096	5.092	0.004	97	944959	500.0	451.9	
76 n-Propyl acetate	43	5.114	5.110	0.004	99	2256995	500.0	467.0	
77 Dichlorobromomethane	83	5.254	5.250	0.004	99	2113279	500.0	492.6	
78 2-Nitropropane	41	5.613	5.609	0.004	99	752690	1000.0	893.8	
79 2-Chloroethyl vinyl ether	63	5.619	5.621	-0.002	97	946206	501.2	471.3	
80 Epichlorohydrin	57	5.729	5.724	0.004	98	2130163	10000	9021.9	
81 cis-1,3-Dichloropropene	75	5.783	5.779	0.004	95	2659058	500.0	509.2	
82 4-Methyl-2-pentanone (MIBK)	43	5.972	5.962	0.010	98	6500085	2500.0	2078.1	
$ 83 Toluene-d8 (Surr)	98	6.039	6.035	0.004	98	492850	50.0	52.2	
84 Toluene	91	6.124	6.120	0.004	94	5746873	500.0	487.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.519	6.515	0.004	98	2271300	500.0	499.4	
86 Ethyl methacrylate	69	6.568	6.564	0.004	95	1706401	500.0	453.4	
87 1,1,2-Trichloroethane	83	6.756	6.752	0.004	96	1134949	500.0	495.3	
88 Tetrachloroethene	166	6.787	6.783	0.004	96	1413073	500.0	498.5	
89 1,3-Dichloropropane	76	6.981	6.983	-0.002	98	2058515	500.0	485.4	
90 2-Hexanone	58	7.079	7.074	0.005	99	2247304	2500.0	2242.1	
91 n-Butyl acetate	43	7.218	7.214	0.004	97	2261047	500.0	474.1	
92 Chlorodibromomethane	129	7.237	7.233	0.004	98	1469622	500.0	520.0	
93 Ethylene Dibromide	107	7.401	7.397	0.004	98	1291058	500.0	499.5	
* 94 Chlorobenzene-d5	117	7.991	7.987	0.004	89	400832	50.0	50.0	
95 Chlorobenzene	112	8.027	8.023	0.004	93	3412362	500.0	486.8	
96 Ethylbenzene	106	8.137	8.133	0.004	99	1783760	500.0	484.3	
97 1,1,1,2-Tetrachloroethane	131	8.155	8.145	0.010	96	1262077	500.0	492.8	
98 m-Xylene & p-Xylene	106	8.289	8.285	0.004	0	2149692	500.0	478.2	
99 o-Xylene	106	8.739	8.735	0.004	93	2124262	500.0	484.4	
100 n-Butyl acrylate	73	8.757	8.753	0.004	97	1048392	500.0	497.0	
101 Styrene	104	8.775	8.771	0.004	92	3580348	500.0	496.1	
103 Bromoform	173	8.988	8.984	0.004	96	969331	500.0	554.0	
102 Amyl acetate (mixed isomers)	43	9.000	9.002	-0.002	88	2597168	500.0	446.9	
104 Isopropylbenzene	105	9.122	9.118	0.004	97	4535812	500.0	472.5	
$ 105 4-Bromofluorobenzene	174	9.316	9.318	-0.002	93	142121	50.0	52.9	
106 Bromobenzene	156	9.444	9.440	0.004	95	1564860	500.0	464.7	
107 1,1,2,2-Tetrachloroethane	83	9.517	9.513	0.004	99	1516511	500.0	464.7	
108 N-Propylbenzene	91	9.529	9.525	0.004	99	5432251	500.0	436.2	
109 1,2,3-Trichloropropane	110	9.554	9.550	0.004	98	364075	500.0	463.6	
110 trans-1,4-Dichloro-2-butene	53	9.578	9.574	0.004	91	463354	500.0	459.0	
111 2-Chlorotoluene	91	9.627	9.623	0.004	98	4076025	500.0	450.5	
112 4-Ethyltoluene	105	9.645	9.641	0.004	97	4515597	500.0	437.2	
113 1,3,5-Trimethylbenzene	105	9.712	9.708	0.004	93	3946661	500.0	451.6	
114 4-Chlorotoluene	91	9.742	9.738	0.004	97	4094769	500.0	469.3	
115 Butyl Methacrylate	87	9.821	9.823	-0.002	96	1764395	500.0	478.6	
116 tert-Butylbenzene	119	9.985	9.987	-0.002	92	2882007	500.0	439.2	
117 1,2,4-Trimethylbenzene	105	10.046	10.042	0.004	98	4175901	500.0	454.6	
118 sec-Butylbenzene	105	10.186	10.182	0.004	98	4006712	500.0	450.5	
120 1,3-Dichlorobenzene	146	10.302	10.304	-0.002	98	2621850	500.0	488.3	
119 4-Isopropyltoluene	119	10.314	10.310	0.004	97	3555945	500.0	468.2	
* 121 1,4-Dichlorobenzene-d4	152	10.369	10.371	-0.002	96	224469	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.393	10.389	0.004	94	2736609	500.0	486.6	
123 1,2,3-Trimethylbenzene	105	10.411	10.407	0.004	99	4463301	500.0	464.7	
124 Benzyl chloride	91	10.521	10.517	0.005	98	2884946	500.0	483.4	
125 2,3-Dihydroindene	117	10.575	10.571	0.004	95	4340032	500.0	454.4	
126 p-Diethylbenzene	119	10.636	10.632	0.004	92	2151148	500.0	483.3	
127 n-Butylbenzene	92	10.654	10.650	0.004	98	1750926	500.0	484.6	
128 1,2-Dichlorobenzene	146	10.703	10.699	0.004	95	2566170	500.0	489.9	
129 1,2,4,5-Tetramethylbenzene	119	11.263	11.258	0.004	97	3466264	500.0	467.9	
130 1,2-Dibromo-3-Chloropropane	157	11.342	11.337	0.005	96	313215	500.0	497.9	
131 1,3,5-Trichlorobenzene	180	11.451	11.447	0.004	98	1544550	500.0	482.3	
132 1,2,4-Trichlorobenzene	180	11.925	11.927	-0.002	94	1507052	500.0	497.9	
133 Hexachlorobutadiene	225	12.011	12.006	0.005	97	512744	500.0	501.2	
134 Naphthalene	128	12.108	12.110	-0.002	98	3922411	500.0	467.6	
135 1,2,3-Trichlorobenzene	180	12.284	12.286	-0.002	96	1362829	500.0	497.0	
S 136 1,2-Dichloroethene, Total	100				0		1000.0	933.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		1000.0	962.5	
S 138 Total BTEX	1				0		2500.0	2438.8	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

MIX 2 Hi_00134	Amount Added:	50.00	Units: uL	
MIX I Hi_00161	Amount Added:	50.00	Units: uL	
8FreonHi_00055	Amount Added:	50.00	Units: uL	
GAS Hi_00440	Amount Added:	50.00	Units: uL	
Ethanol mix_00075	Amount Added:	50.00	Units: uL	
ACROLEIN W_00151	Amount Added:	40.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:34:46 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Injection Date: 14-Apr-2023 03:09:30 Instrument ID: CVOAMS8 Operator ID:

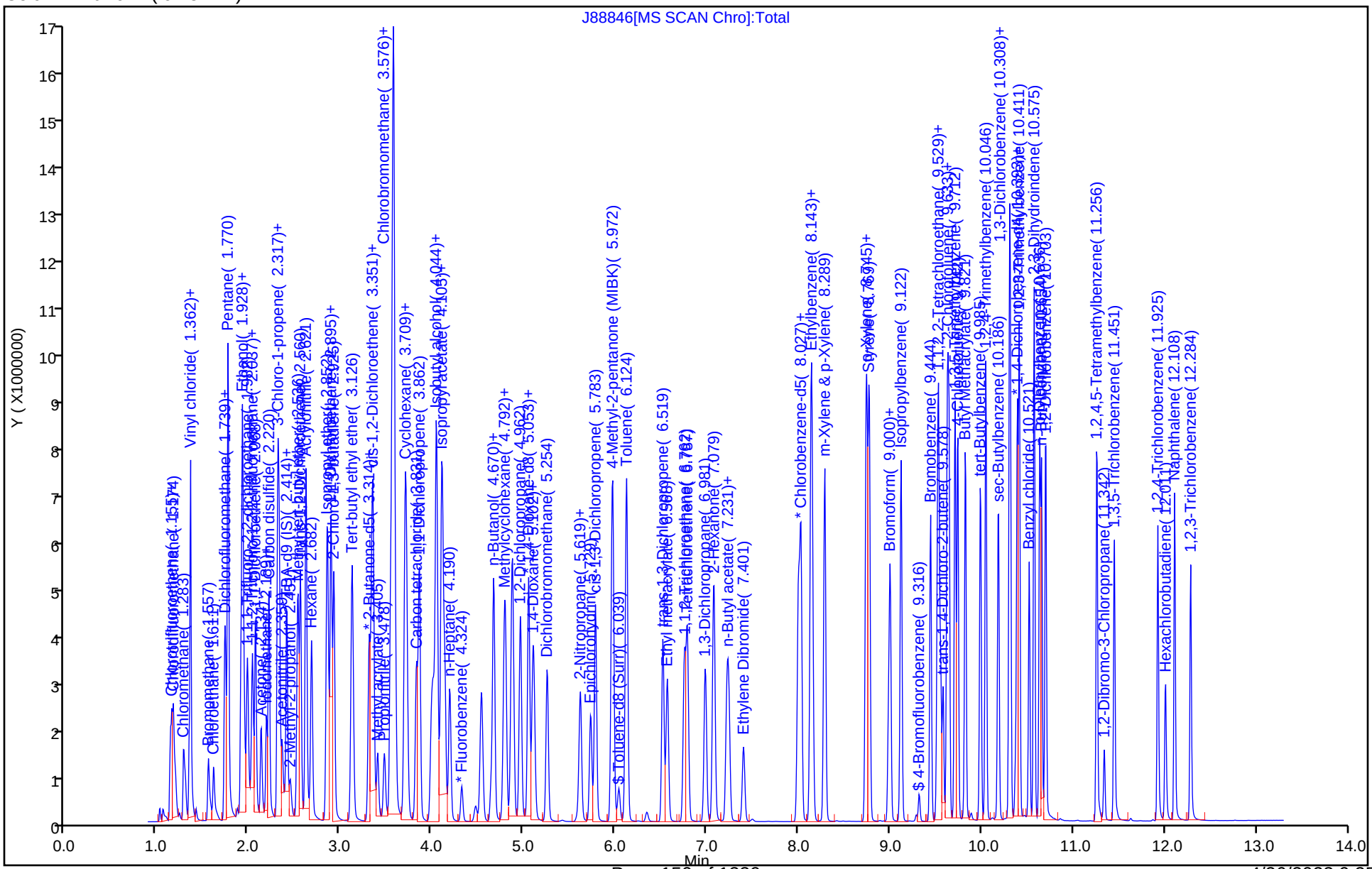
Lims ID: STD500 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-902924/16 Calibration Date: 04/13/2023 17:30

Instrument ID: CVOAMS7 Calib Start Date: 04/13/2023 12:55

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/13/2023 15:23

Lab File ID: V35408.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1282	0.1835		28.6	20.0	43.2*	30.0
Dichlorodifluoromethane	Ave	0.5821	0.4875	0.1000	16.8	20.0	-16.2	30.0
Chloromethane	Ave	0.4779	0.5033	0.1000	21.1	20.0	5.3	30.0
Vinyl chloride	Ave	0.5453	0.5008	0.1000	18.4	20.0	-8.2	30.0
Butadiene	QuaF		0.5237		20.9	20.0	4.6	30.0
Bromomethane	Ave	0.2005	0.1967	0.1000	19.6	20.0	-1.9	30.0
Chloroethane	Ave	0.3275	0.3649	0.1000	22.3	20.0	11.4	30.0
Dichlorofluoromethane	Ave	0.7841	0.8092		20.6	20.0	3.2	30.0
Trichlorofluoromethane	Ave	0.6510	0.6765	0.1000	20.8	20.0	3.9	30.0
Pentane	Ave	0.1032	0.0880		34.1	40.0	-14.8	30.0
Ethanol	Ave	0.5360	0.6166		920	800	15.0	30.0
Ethyl ether	Ave	0.2886	0.2877		19.9	20.0	-0.3	30.0
2-Methyl-1,3-butadiene	Ave	0.4561	0.4028		17.7	20.0	-11.7	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3673	0.4022		21.9	20.0	9.5	30.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4367	0.4337	0.1000	19.9	20.0	-0.7	30.0
Acrolein	Ave	0.0704	0.0357		20.3	40.1	-49.2*	30.0
1,1-Dichloroethene	Ave	0.4333	0.4285	0.1000	19.8	20.0	-1.1	30.0
Acetone	Ave	1.543	1.381	0.0500	89.5	100	-10.5	30.0
Iodomethane	QuaF		0.2021		11.5	20.0	-42.5*	30.0
Isopropyl alcohol	Ave	6.726	7.298		217	200	8.5	30.0
Carbon disulfide	Ave	1.370	1.360	0.1000	19.9	20.0	-0.7	30.0
3-Chloro-1-propene	Ave	0.3168	0.2977		18.8	20.0	-6.0	30.0
Methyl acetate	Ave	0.3754	0.3783	0.1000	40.3	40.0	0.8	30.0
Cyclopentene	Ave	1.091	1.097		20.1	20.0	0.6	30.0
Acetonitrile	Ave	0.6348	0.6156		194	200	-3.0	30.0
Methylene Chloride	Ave	0.5008	0.4713	0.1000	18.8	20.0	-5.9	30.0
2-Methyl-2-propanol	Ave	12.33	12.97		210	200	5.2	30.0
Methyl tert-butyl ether	Ave	1.429	1.441	0.1000	20.2	20.0	0.9	30.0
trans-1,2-Dichloroethene	Ave	0.4733	0.4571	0.1000	19.3	20.0	-3.4	30.0
Acrylonitrile	Ave	0.1806	0.1962		217	200	8.6	30.0
Hexane	Ave	0.6210	0.6054		19.5	20.0	-2.5	30.0
Isopropyl ether	Ave	1.352	1.412		20.9	20.0	4.5	30.0
1,1-Dichloroethane	Ave	0.8727	0.8688	0.2000	19.9	20.0	-0.4	30.0
Vinyl acetate	Ave	0.8752	0.7297		33.3	40.0	-16.6	30.0
2-Chloro-1,3-butadiene	Ave	0.4387	0.4524		20.6	20.0	3.1	30.0
Tert-butyl ethyl ether	Ave	1.407	1.479		21.0	20.0	5.1	30.0
2,2-Dichloropropane	Ave	0.1877	0.1615		17.2	20.0	-14.0	30.0
2-Butanone (MEK)	Ave	0.5902	0.6209	0.0500	105	100	5.2	30.0
cis-1,2-Dichloroethene	Ave	0.5322	0.5159	0.1000	19.4	20.0	-3.1	30.0
Ethyl acetate	Ave	0.5822	0.5711		39.2	40.0	-1.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-902924/16 Calibration Date: 04/13/2023 17:30

Instrument ID: CVOAMS7 Calib Start Date: 04/13/2023 12:55

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/13/2023 15:23

Lab File ID: V35408.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.0682	0.0774		227	200	13.5	30.0
Chlorobromomethane	Ave	0.2232	0.2203		19.7	20.0	-1.3	30.0
Methacrylonitrile	Ave	0.2149	0.2279		212	200	6.0	30.0
Tetrahydrofuran	Ave	0.0715	0.0763		42.7	40.0	6.7	30.0
Chloroform	Ave	0.8506	0.8181	0.2000	19.2	20.0	-3.8	30.0
Cyclohexane	Ave	0.7672	0.7716	0.1000	20.1	20.0	0.6	30.0
1,1,1-Trichloroethane	Ave	0.7108	0.7367	0.1000	20.7	20.0	3.7	30.0
Carbon tetrachloride	Ave	0.5466	0.5459	0.1000	20.0	20.0	-0.1	30.0
1,1-Dichloropropene	Ave	0.6748	0.6897		20.4	20.0	2.2	30.0
Isobutyl alcohol	Ave	6.812	7.028		516	500	3.2	30.0
Benzene	Ave	2.757	2.794	0.5000	20.3	20.0	1.3	30.0
Isopropyl acetate	Ave	0.4348	0.4594		21.1	20.0	5.6	30.0
Tert-amyl methyl ether	Ave	1.436	1.504		21.0	20.0	4.8	30.0
1,2-Dichloroethane	Ave	0.6795	0.6557	0.1000	19.3	20.0	-3.5	30.0
n-Heptane	Ave	0.2594	0.2646		20.4	20.0	2.0	30.0
n-Butanol	QuaF		2.335		403	500	-19.4	30.0
Trichloroethene	Ave	0.4926	0.4968	0.2000	20.2	20.0	0.9	30.0
Ethyl acrylate	Ave	0.0713	0.0747		21.0	20.0	4.8	30.0
Methylcyclohexane	Ave	0.7719	0.7816	0.1000	20.3	20.0	1.3	30.0
1,2-Dichloropropane	Ave	0.4605	0.4433	0.1000	19.3	20.0	-3.7	30.0
Methyl methacrylate	Ave	0.1301	0.1435		44.1	40.0	10.4	30.0
1,4-Dioxane	Ave	2.252	2.775		493	400	23.2	30.0
Dibromomethane	Ave	0.2916	0.2913		20.0	20.0	-0.1	30.0
n-Propyl acetate	Ave	0.6415	0.6404		20.0	20.0	-0.2	30.0
Dichlorobromomethane	Ave	0.6031	0.5896	0.2000	19.6	20.0	-2.2	30.0
2-Nitropropane	Ave	0.1321	0.1224		37.1	40.0	-7.3	30.0
2-Chloroethyl vinyl ether	Ave	0.2744	0.2853		20.8	20.0	4.0	30.0
Epichlorohydrin	Ave	0.5254	0.5238		19.9	20.0	-0.3	30.0
cis-1,3-Dichloropropene	Ave	1.087	1.048	0.2000	19.3	20.0	-3.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	3.986	4.297	0.0500	108	100	7.8	30.0
Toluene	Ave	2.907	2.819	0.4000	19.4	20.0	-3.0	30.0
trans-1,3-Dichloropropene	Ave	0.9374	0.9904	0.1000	21.1	20.0	5.7	30.0
Ethyl methacrylate	Ave	0.8095	0.8456		20.9	20.0	4.5	30.0
1,1,2-Trichloroethane	Ave	0.4996	0.5146	0.1000	20.6	20.0	3.0	30.0
Tetrachloroethene	Ave	0.5734	0.5912	0.2000	20.6	20.0	3.1	30.0
1,3-Dichloropropane	Ave	0.9926	1.031		20.8	20.0	3.8	30.0
2-Hexanone	Ave	2.490	2.783	0.0500	112	100	11.8	30.0
n-Butyl acetate	QuaF		0.9689		20.4	20.0	2.0	30.0
Chlorodibromomethane	Ave	0.5078	0.5038	0.1000	19.8	20.0	-0.8	30.0
Ethylene Dibromide	Ave	0.5681	0.5960	0.1000	21.0	20.0	4.9	30.0
Chlorobenzene	Ave	1.636	1.691	0.5000	20.7	20.0	3.4	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-902924/16 Calibration Date: 04/13/2023 17:30

Instrument ID: CVOAMS7 Calib Start Date: 04/13/2023 12:55

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/13/2023 15:23

Lab File ID: V35408.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.9373	0.9455	0.1000	20.2	20.0	0.9	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4955	0.5128		20.7	20.0	3.5	30.0
m-Xylene & p-Xylene	Ave	1.137	1.172	0.1000	20.6	20.0	3.1	30.0
n-Butyl acrylate	Ave	0.4372	0.4791		21.9	20.0	9.6	30.0
o-Xylene	Ave	1.103	1.116	0.3000	20.2	20.0	1.2	30.0
Styrene	Ave	1.760	1.861	0.3000	21.1	20.0	5.7	30.0
Amyl acetate (mixed isomers)	QuaF		2.222		18.5	20.0	-7.7	30.0
Bromoform	Ave	0.2774	0.2867	0.1000	20.7	20.0	3.4	30.0
Isopropylbenzene	Ave	2.759	2.893	0.1000	21.0	20.0	4.9	30.0
Bromobenzene	Ave	1.294	1.348		20.8	20.0	4.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.631	1.639	0.3000	20.1	20.0	0.5	30.0
N-Propylbenzene	Ave	7.293	7.394		20.3	20.0	1.4	30.0
1,2,3-Trichloropropane	Ave	0.5007	0.4998		20.0	20.0	-0.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.4899	0.4531		18.5	20.0	-7.5	30.0
2-Chlorotoluene	Ave	4.953	4.947		20.0	20.0	-0.1	30.0
4-Ethyltoluene	Ave	5.879	5.904		20.1	20.0	0.4	30.0
1,3,5-Trimethylbenzene	Ave	4.841	4.953		20.5	20.0	2.3	30.0
4-Chlorotoluene	Ave	4.724	4.711		19.9	20.0	-0.3	30.0
Butyl Methacrylate	Ave	1.570	1.627		20.7	20.0	3.6	30.0
tert-Butylbenzene	Ave	3.999	4.108		20.5	20.0	2.7	30.0
1,2,4-Trimethylbenzene	Ave	5.065	5.145		20.3	20.0	1.6	30.0
sec-Butylbenzene	Ave	5.822	6.036		20.7	20.0	3.7	30.0
1,3-Dichlorobenzene	Ave	2.323	2.457	0.6000	21.2	20.0	5.8	30.0
4-Isopropyltoluene	Ave	4.646	4.967		21.4	20.0	6.9	30.0
1,4-Dichlorobenzene	Ave	2.518	2.607	0.5000	20.7	20.0	3.5	30.0
Benzyl chloride	QuaF		2.893		17.5	20.0	-12.7	30.0
Indan	Ave	4.784	4.944		20.7	20.0	3.4	30.0
p-Diethylbenzene	Ave	2.755	2.910		21.1	20.0	5.6	30.0
n-Butylbenzene	Ave	2.443	2.534		20.7	20.0	3.7	30.0
1,2-Dichlorobenzene	Ave	2.286	2.385	0.4000	20.9	20.0	4.3	30.0
1,2,4,5-Tetramethylbenzene	Ave	3.970	3.936		19.8	20.0	-0.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2996	0.2756	0.0500	18.4	20.0	-8.0	30.0
1,3,5-Trichlorobenzene	Ave	1.374	1.413		20.6	20.0	2.8	30.0
1,2,4-Trichlorobenzene	Ave	1.218	1.251	0.2000	20.5	20.0	2.7	30.0
Hexachlorobutadiene	Ave	0.4452	0.4516		20.3	20.0	1.4	30.0
Naphthalene	Ave	3.995	4.015		20.1	20.0	0.5	30.0
1,2,3-Trichlorobenzene	Ave	1.102	1.081		19.6	20.0	-2.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2444	0.2454		50.2	50.0	0.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2995	0.3102		51.8	50.0	3.6	30.0
Toluene-d8 (Surr)	Ave	1.565	1.638		52.3	50.0	4.6	30.0
4-Bromofluorobenzene	Ave	0.3750	0.3963		52.8	50.0	5.7	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35408.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 13-Apr-2023 17:30:30 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0159055-016
Operator ID: Instrument ID: CVOAMS7
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 04:16:36 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1603

First Level Reviewer: N1JZ Date: 14-Apr-2023 05:00:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.174	0.000	74	4852	20.0	24.2	
3 Chlorotrifluoroethene	116	1.254	1.243	0.011	88	43346	20.0	28.6	
4 1,1-Difluoroethane	65	1.266	1.265	0.001	91	57229	20.0	22.9	
5 Dichlorodifluoromethane	85	1.277	1.265	0.012	98	115138	20.0	16.8	
2 Chlorodifluoromethane	67	1.300	1.288	0.012	99	19850	20.0	17.4	
6 Chloromethane	50	1.414	1.414	0.000	99	118873	20.0	21.1	
7 Vinyl chloride	62	1.471	1.460	0.011	98	118276	20.0	18.4	
8 Butadiene	54	1.483	1.483	0.000	97	123689	20.0	20.9	
9 Bromomethane	94	1.688	1.677	0.011	99	46457	20.0	19.6	
10 Chloroethane	64	1.746	1.734	0.012	99	86172	20.0	22.3	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	191111	20.0	20.6	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	159774	20.0	20.8	
13 Pentane	72	1.906	1.905	0.001	97	41547	40.0	34.1	
17 Ethanol	46	2.009	2.008	0.001	99	23622	800.0	920.3	
14 Ethyl ether	74	2.043	2.043	0.000	94	67954	20.0	19.9	
15 2-Methyl-1,3-butadiene	53	2.066	2.065	0.001	97	95125	20.0	17.7	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.077	0.000	94	94980	20.0	21.9	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.123	2.111	0.012	98	158541	20.0	21.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.180	2.168	0.012	95	102420	20.0	19.9	
52 Acrolein	56	2.180	2.180	0.000	97	16902	40.1	20.3	
20 1,1-Dichloroethene	96	2.214	2.203	0.011	97	101201	20.0	19.8	
23 Acetone	43	2.271	2.271	0.000	86	169970	100.0	89.5	
21 Iodomethane	142	2.340	2.328	0.012	97	47722	20.0	11.5	
24 Isopropyl alcohol	45	2.340	2.328	0.012	97	69897	200.0	217.0	
22 Carbon disulfide	76	2.374	2.363	0.011	99	321301	20.0	19.9	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	92	70310	20.0	18.8	
30 Methyl acetate	43	2.454	2.454	0.000	98	178681	40.0	40.3	
25 Cyclopentene	67	2.477	2.477	0.000	95	259134	20.0	20.1	
27 Acetonitrile	41	2.511	2.500	0.011	99	151577	200.0	194.0	a
* 28 TBA-d9 (IS)	66	2.534	2.534	0.000	100	47890	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	92	111311	20.0	18.8	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	98	124262	200.0	210.4	
32 Methyl tert-butyl ether	73	2.683	2.671	0.012	96	340371	20.0	20.2	
33 trans-1,2-Dichloroethene	96	2.717	2.717	0.000	95	107946	20.0	19.3	
35 Acrylonitrile	53	2.763	2.763	0.000	93	463241	200.0	217.2	
36 Hexane	57	2.831	2.831	0.000	92	142981	20.0	19.5	
37 Isopropyl ether	45	3.003	2.991	0.012	95	333540	20.0	20.9	
38 1,1-Dichloroethane	63	3.049	3.037	0.012	79	205179	20.0	19.9	
40 Vinyl acetate	86	3.049	3.048	0.001	99	35931	40.0	33.3	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	106830	20.0	20.6	
41 Tert-butyl ethyl ether	59	3.277	3.266	0.011	90	349181	20.0	21.0	
* 42 2-Butanone-d5	46	3.460	3.448	0.012	100	307771	250.0	250.0	
43 2,2-Dichloropropane	97	3.472	3.471	0.001	97	38139	20.0	17.2	
45 cis-1,2-Dichloroethene	96	3.506	3.494	0.012	52	121841	20.0	19.4	
44 2-Butanone (MEK)	72	3.506	3.506	0.000	96	76442	100.0	105.2	
47 Ethyl acetate	70	3.506	3.506	0.000	92	28121	40.0	39.2	
46 Methyl acrylate	55	3.563	3.563	0.000	99	91673	20.0	19.9	
48 Propionitrile	54	3.620	3.620	0.000	97	182865	200.0	227.1	
50 Tetrahydrofuran	72	3.712	3.700	0.012	76	36031	40.0	42.7	
49 Chlorobromomethane	128	3.712	3.700	0.012	92	52018	20.0	19.7	
54 Methacrylonitrile	67	3.712	3.711	0.001	92	538298	200.0	212.1	
51 Chloroform	83	3.757	3.757	0.000	98	193215	20.0	19.2	
53 Cyclohexane	84	3.872	3.871	0.001	91	182220	20.0	20.1	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	173991	20.0	20.7	
$ 56 Dibromofluoromethane (Surr)	113	3.906	3.894	0.012	96	144878	50.0	50.2	
57 Carbon tetrachloride	117	3.997	3.997	0.000	96	128925	20.0	20.0	
58 1,1-Dichloropropene	75	4.032	4.020	0.012	96	162883	20.0	20.4	
61 Isobutyl alcohol	43	4.146	4.146	0.000	95	168275	500.0	515.8	a
64 Isooctane	57	4.180	4.169	0.011	100	273446	20.0	19.8	
59 Benzene	78	4.214	4.214	0.000	97	467053	20.0	20.3	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	97	183155	50.0	51.8	
66 Isopropyl acetate	87	4.260	4.260	0.000	94	108495	20.0	21.1	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	95	355298	20.0	21.0	
63 1,2-Dichloroethane	62	4.306	4.294	0.012	97	154843	20.0	19.3	
65 n-Heptane	57	4.352	4.351	0.001	93	62494	20.0	20.4	
* 67 Fluorobenzene	96	4.489	4.489	0.000	99	590416	50.0	50.0	
70 n-Butanol	56	4.832	4.820	0.012	88	55902	500.0	403.1	
69 Trichloroethene	95	4.843	4.843	0.000	98	117331	20.0	20.2	
71 Ethyl acrylate	99	4.957	4.957	0.000	94	17646	20.0	21.0	a
72 Methylcyclohexane	83	4.957	4.957	0.000	81	184597	20.0	20.3	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	88	104692	20.0	19.3	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	44	27335	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	88	67802	40.0	44.1	
78 1,4-Dioxane	88	5.255	5.254	0.001	28	30344	400.0	492.9	Ma
77 n-Propyl acetate	43	5.266	5.266	0.000	98	151233	20.0	20.0	
75 Dibromomethane	93	5.266	5.266	0.000	58	68790	20.0	20.0	
76 Dichlorobromomethane	83	5.426	5.426	0.000	98	139250	20.0	19.6	
34 2-Nitropropane	41	5.769	5.757	0.012	99	57827	40.0	37.1	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	96	67381	20.0	20.8	
80 Epichlorohydrin	57	5.895	5.883	0.012	92	12897	20.0	19.9	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	94	175144	20.0	19.3	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	96	528939	100.0	107.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	684653	50.0	52.3	
83 Toluene	91	6.283	6.283	0.000	94	471336	20.0	19.4	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	97	165571	20.0	21.1	
86 Ethyl methacrylate	69	6.718	6.717	0.001	87	141358	20.0	20.9	
87 1,1,2-Trichloroethane	83	6.923	6.912	0.011	94	86026	20.0	20.6	
88 Tetrachloroethene	166	6.958	6.957	0.001	93	98828	20.0	20.6	
89 1,3-Dichloropropane	76	7.152	7.140	0.012	94	172288	20.0	20.8	
91 2-Hexanone	43	7.220	7.220	0.000	96	342611	100.0	111.8	
92 n-Butyl acetate	43	7.369	7.369	0.000	98	161971	20.0	20.4	
90 Chlorodibromomethane	129	7.415	7.403	0.012	97	84222	20.0	19.8	
93 Ethylene Dibromide	107	7.563	7.563	0.000	98	99628	20.0	21.0	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	88	417936	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	93	282770	20.0	20.7	
97 Ethylbenzene	106	8.261	8.260	0.001	98	158060	20.0	20.2	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	94	85722	20.0	20.7	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	97	195869	20.0	20.6	
100 o-Xylene	106	8.843	8.843	0.000	93	186604	20.0	20.2	
99 n-Butyl acrylate	73	8.843	8.843	0.000	97	80091	20.0	21.9	
101 Styrene	104	8.878	8.878	0.000	96	311036	20.0	21.1	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	91	171769	20.0	18.5	
103 Bromoform	173	9.083	9.083	0.000	94	47933	20.0	20.7	
104 Isopropylbenzene	105	9.209	9.209	0.000	95	483705	20.0	21.0	
$ 105 4-Bromofluorobenzene	174	9.404	9.415	-0.011	0	165622	50.0	52.8	
107 Bromobenzene	156	9.529	9.529	0.000	95	104212	20.0	20.8	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	98	126734	20.0	20.1	
109 N-Propylbenzene	91	9.609	9.609	0.000	99	571654	20.0	20.3	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	97	38643	20.0	20.0	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	89	35034	20.0	18.5	
114 2-Chlorotoluene	91	9.712	9.701	0.011	96	382509	20.0	20.0	
113 4-Ethyltoluene	105	9.712	9.712	0.000	97	456456	20.0	20.1	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	92	382946	20.0	20.5	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	364275	20.0	19.9	
117 Butyl Methacrylate	87	9.884	9.883	0.001	91	125760	20.0	20.7	
118 tert-Butylbenzene	119	10.055	10.055	0.000	93	317634	20.0	20.5	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	397832	20.0	20.3	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	466696	20.0	20.7	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	384009	20.0	21.4	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	72	189956	20.0	21.2	
* 106 1,4-Dichlorobenzene-d4	152	10.444	10.443	0.001	96	193294	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	93	201551	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	10.478	10.466	0.012	99	405792	20.0	20.6	
125 Benzyl chloride	91	10.581	10.581	0.000	98	223667	20.0	17.5	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	95	382275	20.0	20.7	
126 p-Diethylbenzene	119	10.684	10.683	0.001	93	225008	20.0	21.1	
127 n-Butylbenzene	92	10.707	10.706	0.000	98	195905	20.0	20.7	
128 1,2-Dichlorobenzene	146	10.764	10.763	0.001	94	184368	20.0	20.9	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	97	304354	20.0	19.8	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	93	21308	20.0	18.4	
132 1,3,5-Trichlorobenzene	180	11.507	11.506	0.001	96	109248	20.0	20.6	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	93	96750	20.0	20.5	
133 Hexachlorobutadiene	225	12.055	12.055	0.000	91	34913	20.0	20.3	
134 Naphthalene	128	12.147	12.146	0.001	99	310414	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.330	12.329	0.001	93	83544	20.0	19.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.7	
S 137 Xylenes, Total	100				0		40.0	40.9	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.4	
S 139 Total BTEX	1				0		100.0	100.7	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260 SP_00165	Amount Added:	20.00	Units: uL	
GAS C SP_00510	Amount Added:	20.00	Units: uL	
ACROLEIN SP_00149	Amount Added:	4.00	Units: uL	
8FreonsSS_00056	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 05:00:56 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35408.D

Injection Date: 13-Apr-2023 17:30:30 Instrument ID: CVOAMS7

Lims ID: ICV

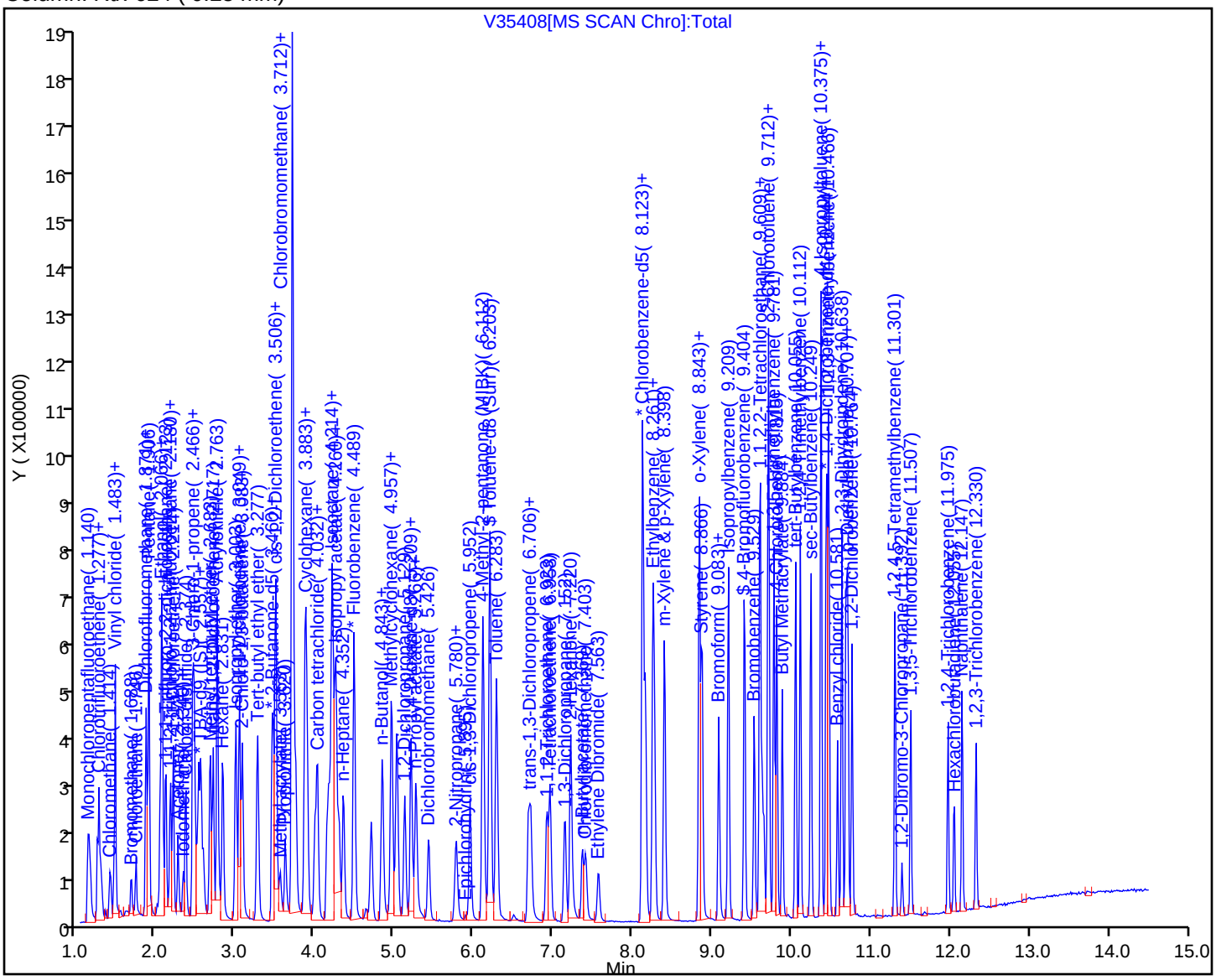
Client ID:

Operator ID: ALS Bottle#: 65 Worklist Smp#: 16

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904152/3 Calibration Date: 04/20/2023 08:24

Instrument ID: CVOAMS7 Calib Start Date: 04/13/2023 12:55

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/13/2023 15:23

Lab File ID: V35745.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.1282	0.1603		25.0	20.0	25.1*	20.0
Dichlorodifluoromethane	Ave	0.5821	0.4768	0.1000	16.4	20.0	-18.1	20.0
Chloromethane	Ave	0.4779	0.5068	0.1000	21.2	20.0	6.0	20.0
Vinyl chloride	Ave	0.5453	0.5673	0.1000	20.8	20.0	4.0	20.0
Butadiene	QuaF		0.5329		21.3	20.0	6.4	20.0
Bromomethane	Ave	0.2005	0.2154	0.1000	21.5	20.0	7.5	50.0
Chloroethane	Ave	0.3275	0.3695	0.1000	22.6	20.0	12.8	50.0
Dichlorofluoromethane	Ave	0.7841	0.8102		20.7	20.0	3.3	20.0
Trichlorofluoromethane	Ave	0.6510	0.6171	0.1000	19.0	20.0	-5.2	20.0
Pentane	Ave	0.1032	0.1134		44.0	40.0	9.9	20.0
Ethanol	Ave	0.5360	0.6861		1020	800	28.0	50.0
Ethyl ether	Ave	0.2886	0.2798		19.4	20.0	-3.0	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.3673	0.3390		18.5	20.0	-7.7	20.0
2-Methyl-1,3-butadiene	Ave	0.4561	0.4686		20.6	20.0	2.8	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.4367	0.4227	0.1000	19.4	20.0	-3.2	20.0
Acrolein	Ave	0.0704	0.0676		38.4	40.0	-3.9	50.0
1,1-Dichloroethene	Ave	0.4333	0.4241	0.1000	19.6	20.0	-2.1	20.0
Acetone	Ave	1.543	1.298	0.0500	84.1	100	-15.9	50.0
Iodomethane	QuaF		0.3257		18.5	20.0	-7.3	20.0
Isopropyl alcohol	Ave	6.726	7.226		215	200	7.4	50.0
Carbon disulfide	Ave	1.370	1.474	0.1000	21.5	20.0	7.6	50.0
3-Chloro-1-propene	Ave	0.3168	0.3273		20.7	20.0	3.3	20.0
Methyl acetate	Ave	0.3754	0.3481	0.1000	37.1	40.0	-7.3	20.0
Cyclopentene	Ave	1.091	1.148		21.0	20.0	5.2	20.0
Acetonitrile	Ave	0.6348	0.7415		234	200	16.8	20.0
Methylene Chloride	Ave	0.5008	0.4666	0.1000	18.6	20.0	-6.8	20.0
2-Methyl-2-propanol	Ave	12.33	11.05		179	200	-10.4	50.0
Methyl tert-butyl ether	Ave	1.429	1.262	0.1000	17.7	20.0	-11.6	20.0
trans-1,2-Dichloroethene	Ave	0.4733	0.4785	0.1000	20.2	20.0	1.1	20.0
Acrylonitrile	Ave	0.1806	0.1892		209	200	4.7	20.0
Hexane	Ave	0.6210	0.6851		22.1	20.0	10.3	20.0
Isopropyl ether	Ave	1.352	1.448		21.4	20.0	7.1	20.0
1,1-Dichloroethane	Ave	0.8727	0.9002	0.2000	20.6	20.0	3.2	20.0
Vinyl acetate	Ave	0.8752	0.8924		40.8	40.0	2.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4387	0.4406		20.1	20.0	0.4	20.0
Tert-butyl ethyl ether	Ave	1.407	1.336		19.0	20.0	-5.0	20.0
2,2-Dichloropropane	Ave	0.1877	0.1585		16.9	20.0	-15.6	20.0
2-Butanone (MEK)	Ave	0.5902	0.5277	0.0500	89.4	100	-10.6	50.0
cis-1,2-Dichloroethene	Ave	0.5322	0.5106	0.1000	19.2	20.0	-4.1	20.0
Ethyl acetate	Ave	0.5822	0.5486		37.7	40.0	-5.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904152/3 Calibration Date: 04/20/2023 08:24

Instrument ID: CVOAMS7 Calib Start Date: 04/13/2023 12:55

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/13/2023 15:23

Lab File ID: V35745.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	0.0682	0.0691		203	200	1.4	20.0
Chlorobromomethane	Ave	0.2232	0.2054		18.4	20.0	-8.0	20.0
Tetrahydrofuran	Ave	0.0715	0.0582		32.6	40.0	-18.6	20.0
Methacrylonitrile	Ave	0.2149	0.1991		185	200	-7.4	20.0
Chloroform	Ave	0.8506	0.8065	0.2000	19.0	20.0	-5.2	20.0
Cyclohexane	Ave	0.7672	0.7856	0.1000	20.5	20.0	2.4	50.0
1,1,1-Trichloroethane	Ave	0.7108	0.6696	0.1000	18.8	20.0	-5.8	20.0
Carbon tetrachloride	Ave	0.5466	0.5049	0.1000	18.5	20.0	-7.6	20.0
1,1-Dichloropropene	Ave	0.6748	0.6881		20.4	20.0	2.0	20.0
Isobutyl alcohol	Ave	6.812	8.107		595	500	19.0	50.0
Benzene	Ave	2.757	2.900	0.5000	21.0	20.0	5.2	20.0
Isopropyl acetate	Ave	0.4348	0.3614		16.6	20.0	-16.9	20.0
Tert-amyl methyl ether	Ave	1.436	1.291		18.0	20.0	-10.1	20.0
1,2-Dichloroethane	Ave	0.6795	0.6078	0.1000	17.9	20.0	-10.6	20.0
n-Heptane	Ave	0.2594	0.2854		22.0	20.0	10.0	20.0
n-Butanol	QuaF		1.857		320	500	-35.9	50.0
Trichloroethene	Ave	0.4926	0.4584	0.2000	18.6	20.0	-6.9	20.0
Ethyl acrylate	Ave	0.0713	0.0634		17.8	20.0	-11.1	20.0
Methylcyclohexane	Ave	0.7719	0.8038	0.1000	20.8	20.0	4.1	50.0
1,2-Dichloropropane	Ave	0.4605	0.4578	0.1000	19.9	20.0	-0.6	20.0
Methyl methacrylate	Ave	0.1301	0.1027		31.6	40.0	-21.1*	20.0
1,4-Dioxane	Ave	2.252	2.077		369	400	-7.8	50.0
Dibromomethane	Ave	0.2916	0.2542		17.4	20.0	-12.8	20.0
n-Propyl acetate	Ave	0.6415	0.5679		17.7	20.0	-11.5	20.0
Dichlorobromomethane	Ave	0.6031	0.5681	0.2000	18.8	20.0	-5.8	20.0
2-Nitropropane	Ave	0.1321	0.1089		33.0	40.0	-17.6	20.0
2-Chloroethyl vinyl ether	Ave	0.2744	0.2544		18.6	20.0	-7.3	20.0
Epichlorohydrin	Ave	0.5254	0.5304		404	400	0.9	20.0
cis-1,3-Dichloropropene	Ave	1.087	1.090	0.2000	20.0	20.0	0.2	50.0
4-Methyl-2-pentanone (MIBK)	Ave	3.986	3.959	0.0500	99.3	100	-0.7	50.0
Toluene	Ave	2.907	2.886	0.4000	19.9	20.0	-0.7	20.0
trans-1,3-Dichloropropene	Ave	0.9374	0.9371	0.1000	20.0	20.0	-0.0	50.0
Ethyl methacrylate	Ave	0.8095	0.7206		17.8	20.0	-11.0	20.0
1,1,2-Trichloroethane	Ave	0.4996	0.4850	0.1000	19.4	20.0	-2.9	20.0
Tetrachloroethene	Ave	0.5734	0.5397	0.2000	18.8	20.0	-5.9	20.0
1,3-Dichloropropane	Ave	0.9926	1.039		20.9	20.0	4.6	20.0
2-Hexanone	Ave	2.490	2.407	0.0500	96.7	100	-3.3	50.0
n-Butyl acetate	QuaF		0.8361		17.6	20.0	-12.0	20.0
Chlorodibromomethane	Ave	0.5078	0.4927	0.1000	19.4	20.0	-3.0	50.0
Ethylene Dibromide	Ave	0.5681	0.5280	0.1000	18.6	20.0	-7.1	20.0
Chlorobenzene	Ave	1.636	1.619	0.5000	19.8	20.0	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904152/3 Calibration Date: 04/20/2023 08:24

Instrument ID: CVOAMS7 Calib Start Date: 04/13/2023 12:55

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/13/2023 15:23

Lab File ID: V35745.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.9373	0.9114	0.1000	19.4	20.0	-2.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4955	0.4516		18.2	20.0	-8.9	20.0
m-Xylene & p-Xylene	Ave	1.137	1.148	0.1000	20.2	20.0	1.0	20.0
o-Xylene	Ave	1.103	1.132	0.3000	20.5	20.0	2.6	20.0
n-Butyl acrylate	Ave	0.4372	0.3838		17.6	20.0	-12.2	20.0
Styrene	Ave	1.760	1.713	0.3000	19.5	20.0	-2.7	20.0
Amyl acetate (mixed isomers)	QuaF		2.023		16.8	20.0	-16.0	20.0
Bromoform	Ave	0.2774	0.2518	0.1000	18.2	20.0	-9.2	20.0
Isopropylbenzene	Ave	2.759	2.738	0.1000	19.8	20.0	-0.8	20.0
Bromobenzene	Ave	1.294	1.273		19.7	20.0	-1.6	20.0
1,1,2,2-Tetrachloroethane	Ave	1.631	1.595	0.3000	19.6	20.0	-2.2	20.0
N-Propylbenzene	Ave	7.293	7.732		21.2	20.0	6.0	20.0
1,2,3-Trichloropropane	Ave	0.5007	0.4409		17.6	20.0	-11.9	20.0
trans-1,4-Dichloro-2-butene	Ave	0.4899	0.3942		16.1	20.0	-19.5	20.0
2-Chlorotoluene	Ave	4.953	5.111		20.6	20.0	3.2	20.0
4-Ethyltoluene	Ave	5.879	6.010		20.4	20.0	2.2	20.0
1,3,5-Trimethylbenzene	Ave	4.841	4.953		20.5	20.0	2.3	20.0
4-Chlorotoluene	Ave	4.724	4.806		20.3	20.0	1.7	20.0
Butyl Methacrylate	Ave	1.570	1.332		17.0	20.0	-15.1	20.0
tert-Butylbenzene	Ave	3.999	3.983		19.9	20.0	-0.4	20.0
1,2,4-Trimethylbenzene	Ave	5.065	5.107		20.2	20.0	0.8	20.0
sec-Butylbenzene	Ave	5.822	6.092		20.9	20.0	4.6	20.0
1,3-Dichlorobenzene	Ave	2.323	2.427	0.6000	20.9	20.0	4.5	20.0
4-Isopropyltoluene	Ave	4.646	4.846		20.9	20.0	4.3	20.0
1,4-Dichlorobenzene	Ave	2.518	2.462	0.5000	19.6	20.0	-2.2	20.0
Benzyl chloride	QuaF		2.613		15.8	20.0	-21.1	50.0
Indan	Ave	4.784	4.870		20.4	20.0	1.8	20.0
p-Diethylbenzene	Ave	2.755	2.842		20.6	20.0	3.1	20.0
n-Butylbenzene	Ave	2.443	2.609		21.4	20.0	6.8	20.0
1,2-Dichlorobenzene	Ave	2.286	2.304	0.4000	20.2	20.0	0.8	20.0
1,2,4,5-Tetramethylbenzene	Ave	3.970	3.704		18.7	20.0	-6.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2996	0.2216	0.0500	14.8	20.0	-26.0	50.0
1,3,5-Trichlorobenzene	Ave	1.374	1.310		19.1	20.0	-4.7	20.0
1,2,4-Trichlorobenzene	Ave	1.218	1.132	0.2000	18.6	20.0	-7.1	20.0
Hexachlorobutadiene	Ave	0.4452	0.4387		19.7	20.0	-1.5	20.0
Naphthalene	Ave	3.995	3.316		16.6	20.0	-17.0	50.0
1,2,3-Trichlorobenzene	Ave	1.102	0.9564		17.4	20.0	-13.2	20.0
Dibromofluoromethane (Surr)	Ave	0.2444	0.2342		47.9	50.0	-4.2	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2995	0.2855		47.7	50.0	-4.7	20.0
Toluene-d8 (Surr)	Ave	1.565	1.579		50.4	50.0	0.9	20.0
4-Bromofluorobenzene	Ave	0.3750	0.3611		48.1	50.0	-3.7	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35745.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Apr-2023 08:24:30 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0159342-003
Operator ID: Instrument ID: CVOAMS7
Sublist: chrom-8260W_7*sub1

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 11:51:58 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1673

First Level Reviewer: XE5L Date: 20-Apr-2023 11:51:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.197	1.197	0.000	85	5818	20.0	26.0	
3 Chlorotrifluoroethene	116	1.243	1.243	0.000	93	42315	20.0	25.0	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	93	60948	20.0	21.8	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	125847	20.0	16.4	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	23441	20.0	18.4	
6 Chloromethane	50	1.403	1.403	0.000	99	133759	20.0	21.2	
7 Vinyl chloride	62	1.460	1.460	0.000	98	149718	20.0	20.8	
8 Butadiene	54	1.483	1.483	0.000	97	140651	20.0	21.3	
9 Bromomethane	94	1.677	1.677	0.000	97	56860	20.0	21.5	
10 Chloroethane	64	1.734	1.734	0.000	100	97524	20.0	22.6	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	213849	20.0	20.7	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	162884	20.0	19.0	
13 Pentane	72	1.906	1.906	0.000	96	59859	40.0	44.0	
17 Ethanol	46	2.008	2.008	0.000	99	23183	800.0	1024.0	
14 Ethyl ether	74	2.043	2.043	0.000	94	73847	20.0	19.4	
15 2-Methyl-1,3-butadiene	53	2.066	2.066	0.000	96	123685	20.0	20.6	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.066	2.066	0.000	95	89477	20.0	18.5	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	99	178984	20.0	21.7	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	93	111570	20.0	19.4	
52 Acrolein	56	2.180	2.180	0.000	94	35692	40.0	38.4	
20 1,1-Dichloroethene	96	2.203	2.203	0.000	96	111944	20.0	19.6	
23 Acetone	43	2.271	2.271	0.000	87	160875	100.0	84.1	
21 Iodomethane	142	2.328	2.328	0.000	97	85975	20.0	18.5	
24 Isopropyl alcohol	45	2.328	2.328	0.000	96	61046	200.0	214.9	
22 Carbon disulfide	76	2.363	2.363	0.000	99	389122	20.0	21.5	
30 Methyl acetate	43	2.454	2.454	0.000	97	183733	40.0	37.1	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	93	86377	20.0	20.7	
25 Cyclopentene	67	2.477	2.477	0.000	96	302896	20.0	21.0	
27 Acetonitrile	41	2.500	2.500	0.000	96	183840	200.0	233.6	M
* 28 TBA-d9 (IS)	66	2.523	2.523	0.000	99	42239	1000.0	1000.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
29 Methylene Chloride	84	2.557	2.557	0.000	94	123152	20.0	18.6	
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	98	93387	200.0	179.3	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	98	333203	20.0	17.7	
33 trans-1,2-Dichloroethene	96	2.706	2.706	0.000	96	126300	20.0	20.2	
35 Acrylonitrile	53	2.763	2.763	0.000	95	499328	200.0	209.5	
36 Hexane	57	2.831	2.831	0.000	94	180830	20.0	22.1	
37 Isopropyl ether	45	2.991	2.991	0.000	98	382172	20.0	21.4	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	99	237595	20.0	20.6	
40 Vinyl acetate	86	3.037	3.037	0.000	100	44254	40.0	40.8	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	92	116293	20.0	20.1	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	89	352694	20.0	19.0	
* 42 2-Butanone-d5	46	3.449	3.449	0.000	100	309924	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	96	41824	20.0	16.9	
45 cis-1,2-Dichloroethene	96	3.494	3.494	0.000	96	134763	20.0	19.2	
44 2-Butanone (MEK)	72	3.494	3.494	0.000	97	65419	100.0	89.4	
47 Ethyl acetate	70	3.506	3.506	0.000	94	27205	40.0	37.7	
46 Methyl acrylate	55	3.563	3.563	0.000	100	83357	20.0	16.2	
48 Propionitrile	54	3.620	3.620	0.000	98	182468	200.0	202.8	
50 Tetrahydrofuran	72	3.700	3.700	0.000	75	30717	40.0	32.6	
49 Chlorobromomethane	128	3.700	3.700	0.000	96	54205	20.0	18.4	
54 Methacrylonitrile	67	3.711	3.711	0.000	93	525561	200.0	185.3	
51 Chloroform	83	3.746	3.746	0.000	98	212868	20.0	19.0	
53 Cyclohexane	84	3.871	3.871	0.000	92	207360	20.0	20.5	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	97	176728	20.0	18.8	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	154529	50.0	47.9	
57 Carbon tetrachloride	117	3.997	3.997	0.000	96	133252	20.0	18.5	
58 1,1-Dichloropropene	75	4.020	4.020	0.000	96	181617	20.0	20.4	
61 Isobutyl alcohol	43	4.146	4.146	0.000	93	171224	500.0	595.1	a
64 Isooctane	57	4.169	4.169	0.000	99	347231	20.0	22.4	
59 Benzene	78	4.203	4.203	0.000	97	529210	20.0	21.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	188355	50.0	47.7	
66 Isopropyl acetate	87	4.260	4.260	0.000	95	95382	20.0	16.6	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	91	340731	20.0	18.0	
63 1,2-Dichloroethane	62	4.294	4.294	0.000	97	160411	20.0	17.9	
65 n-Heptane	57	4.352	4.352	0.000	93	75335	20.0	22.0	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	659838	50.0	50.0	
70 n-Butanol	56	4.832	4.832	0.000	30	39218	500.0	320.3	a
69 Trichloroethene	95	4.843	4.843	0.000	95	120990	20.0	18.6	
71 Ethyl acrylate	99	4.957	4.957	0.000	94	16729	20.0	17.8	
72 Methylcyclohexane	83	4.957	4.957	0.000	84	212141	20.0	20.8	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	90	120829	20.0	19.9	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	88	32838	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	90	54186	40.0	31.6	
78 1,4-Dioxane	88	5.254	5.254	0.000	90	27284	400.0	368.9	M
77 n-Propyl acetate	43	5.266	5.266	0.000	99	149883	20.0	17.7	
75 Dibromomethane	93	5.266	5.266	0.000	62	67097	20.0	17.4	
76 Dichlorobromomethane	83	5.426	5.426	0.000	98	149953	20.0	18.8	
34 2-Nitropropane	41	5.757	5.757	0.000	96	57461	40.0	33.0	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	92	67303	20.0	18.6	
80 Epichlorohydrin	57	5.883	5.883	0.000	99	263000	400.0	403.8	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	93	198852	20.0	20.0	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	97	490754	100.0	99.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	720477	50.0	50.4	
83 Toluene	91	6.283	6.283	0.000	93	526709	20.0	19.9	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	98	170999	20.0	20.0	
86 Ethyl methacrylate	69	6.717	6.717	0.000	90	131490	20.0	17.8	
87 1,1,2-Trichloroethane	83	6.912	6.912	0.000	94	88510	20.0	19.4	
88 Tetrachloroethene	166	6.957	6.957	0.000	92	98490	20.0	18.8	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	94	189544	20.0	20.9	
91 2-Hexanone	43	7.220	7.220	0.000	96	298400	100.0	96.7	
92 n-Butyl acetate	43	7.369	7.369	0.000	99	152566	20.0	17.6	
90 Chlorodibromomethane	129	7.403	7.403	0.000	98	89918	20.0	19.4	
93 Ethylene Dibromide	107	7.563	7.563	0.000	99	96346	20.0	18.6	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	456209	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	92	295474	20.0	19.8	
97 Ethylbenzene	106	8.249	8.249	0.000	99	166322	20.0	19.4	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	95	82416	20.0	18.2	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	97	209526	20.0	20.2	
100 o-Xylene	106	8.832	8.832	0.000	94	206558	20.0	20.5	
99 n-Butyl acrylate	73	8.843	8.843	0.000	97	70046	20.0	17.6	
101 Styrene	104	8.866	8.866	0.000	95	312529	20.0	19.5	
103 Bromoform	173	9.083	9.083	0.000	57	45958	20.0	18.2	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	92	163214	20.0	16.8	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	499702	20.0	19.8	
$ 105 4-Bromofluorobenzene	174	9.403	9.403	0.000	0	164727	50.0	48.1	
107 Bromobenzene	156	9.529	9.529	0.000	93	102730	20.0	19.7	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	99	128690	20.0	19.6	
109 N-Propylbenzene	91	9.609	9.609	0.000	98	623965	20.0	21.2	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	98	35576	20.0	17.6	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	81	31812	20.0	16.1	M
114 2-Chlorotoluene	91	9.701	9.701	0.000	96	412416	20.0	20.6	
113 4-Ethyltoluene	105	9.712	9.712	0.000	97	484937	20.0	20.4	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	92	399661	20.0	20.5	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	387840	20.0	20.3	
117 Butyl Methacrylate	87	9.883	9.883	0.000	92	107477	20.0	17.0	
118 tert-Butylbenzene	119	10.055	10.055	0.000	92	321396	20.0	19.9	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	412069	20.0	20.2	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	491561	20.0	20.9	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	391044	20.0	20.9	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	75	195815	20.0	20.9	
* 106 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	98	201735	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	92	198690	20.0	19.6	
123 1,2,3-Trimethylbenzene	105	10.466	10.466	0.000	99	410223	20.0	19.9	
125 Benzyl chloride	91	10.581	10.581	0.000	98	210880	20.0	15.8	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	94	392998	20.0	20.4	
126 p-Diethylbenzene	119	10.684	10.684	0.000	92	229308	20.0	20.6	
127 n-Butylbenzene	92	10.706	10.706	0.000	98	210554	20.0	21.4	
128 1,2-Dichlorobenzene	146	10.764	10.764	0.000	93	185949	20.0	20.2	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	298920	20.0	18.7	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	92	17882	20.0	14.8	
132 1,3,5-Trichlorobenzene	180	11.507	11.507	0.000	94	105722	20.0	19.1	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	93	91345	20.0	18.6	
133 Hexachlorobutadiene	225	12.044	12.044	0.000	87	35397	20.0	19.7	
134 Naphthalene	128	12.147	12.147	0.000	99	267555	20.0	16.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	94	77174	20.0	17.4	
S 136 1,2-Dichloroethene, Total	100				0		40.0	39.4	
S 137 Xylenes, Total	100				0		40.0	40.7	
S 138 1,3-Dichloropropene, Total	1				0		40.0	40.0	
S 139 Total BTEX	1				0		100.0	101.1	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00067	Amount Added: 20.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00525	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00237	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 20-Apr-2023 11:52:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35745.D

Injection Date: 20-Apr-2023 08:24:30 Instrument ID: CVOAMS7

Lims ID: CCVIS

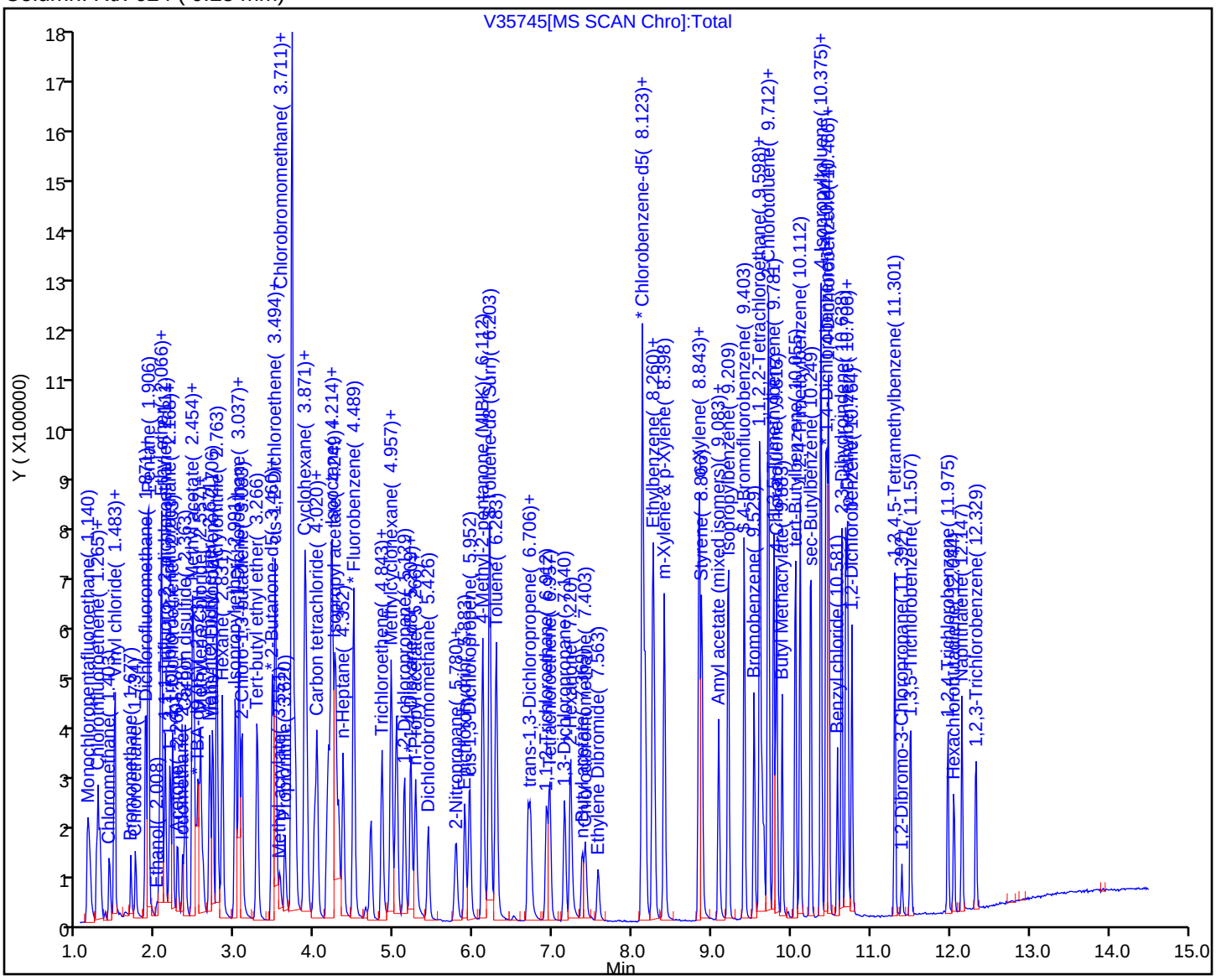
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0207	0.0241		23.3	20.0	16.4	30.0
Dichlorodifluoromethane	Ave	0.2323	0.2266	0.1000	19.5	20.0	-2.5	30.0
Chloromethane	Ave	0.2744	0.2836	0.1000	20.7	20.0	3.3	30.0
Vinyl chloride	Ave	0.2676	0.2604	0.1000	19.5	20.0	-2.7	30.0
Butadiene	Ave	0.2741	0.2429		17.7	20.0	-11.4	30.0
Bromomethane	Ave	0.1160	0.1095	0.1000	18.9	20.0	-5.6	30.0
Chloroethane	Ave	0.1357	0.1385	0.1000	20.4	20.0	2.1	30.0
Dichlorofluoromethane	Ave	0.3890	0.3826		19.7	20.0	-1.7	30.0
Trichlorofluoromethane	Ave	0.3183	0.3149	0.1000	19.8	20.0	-1.1	30.0
Pentane	Ave	0.3709	0.3125		33.7	40.0	-15.7	30.0
Ethanol	Ave	0.0139	0.0119		688	800	-14.0	30.0
Ethyl ether	Ave	0.1913	0.1877		19.6	20.0	-1.9	30.0
2-Methyl-1,3-butadiene	Ave	0.2282	0.1990		17.4	20.0	-12.8	30.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1623	0.1699		20.9	20.0	4.7	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	Ave	0.2086	0.2009	0.1000	19.3	20.0	-3.7	30.0
Acrolein	Ave	1.603	1.154		28.8	40.1	-28.0	30.0
1,1-Dichloroethene	Ave	0.2020	0.1992	0.1000	19.7	20.0	-1.4	30.0
Acetone	Ave	0.6108	0.4861	0.0500	79.6	100	-20.4	30.0
Iodomethane	Ave	0.2714	0.2372		17.5	20.0	-12.6	30.0
Isopropyl alcohol	Ave	0.3821	0.3041		159	200	-20.4	30.0
Carbon disulfide	Ave	0.7700	0.7373	0.1000	19.2	20.0	-4.2	30.0
3-Chloro-1-propene	Ave	0.1343	0.1270		18.9	20.0	-5.4	30.0
Methyl acetate	Ave	10.78	10.39	0.1000	38.5	40.0	-3.7	30.0
Cyclopentene	Ave	0.5050	0.4919		19.5	20.0	-2.6	30.0
Acetonitrile	QuaF		1.405		203	200	1.7	30.0
Methylene Chloride	Ave	0.2332	0.2234	0.1000	19.2	20.0	-4.2	30.0
2-Methyl-2-propanol	Ave	0.7171	0.5683		158	200	-20.8	30.0
Methyl tert-butyl ether	Ave	0.6616	0.6358	0.1000	19.2	20.0	-3.9	30.0
trans-1,2-Dichloroethene	Ave	0.2361	0.2289	0.1000	19.4	20.0	-3.0	30.0
Acrylonitrile	Ave	4.459	4.344		195	200	-2.6	30.0
Hexane	Ave	0.2371	0.2193		18.5	20.0	-7.5	30.0
Isopropyl ether	Ave	0.9385	0.9447		20.1	20.0	0.7	30.0
1,1-Dichloroethane	Ave	0.4714	0.4697	0.2000	19.9	20.0	-0.4	30.0
Vinyl acetate	Ave	0.4734	0.3564		30.1	40.0	-24.7	30.0
2-Chloro-1,3-butadiene	Ave	0.2172	0.2123		19.6	20.0	-2.2	30.0
Tert-butyl ethyl ether	Ave	0.7880	0.7733		19.6	20.0	-1.9	30.0
2,2-Dichloropropane	Ave	0.1243	0.1102		17.7	20.0	-11.4	30.0
cis-1,2-Dichloroethene	Ave	0.2650	0.2527	0.1000	19.1	20.0	-4.7	30.0
2-Butanone (MEK)	Ave	0.1969	0.1875	0.0500	95.2	100	-4.8	30.0
Ethyl acetate	Ave	0.2472	0.2238		36.2	40.0	-9.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.472	1.444		196	200	-1.9	30.0
Chlorobromomethane	Ave	0.1259	0.1179		18.7	20.0	-6.3	30.0
Tetrahydrofuran	Ave	0.2422	0.2100		34.7	40.0	-13.3	30.0
Methacrylonitrile	Ave	0.0892	0.0894		201	200	0.3	30.0
Chloroform	Ave	0.4380	0.4271	0.2000	19.5	20.0	-2.5	30.0
Cyclohexane	Ave	0.2920	0.2725	0.1000	18.7	20.0	-6.7	30.0
1,1,1-Trichloroethane	Ave	0.3751	0.3454	0.1000	18.4	20.0	-7.9	30.0
Carbon tetrachloride	Ave	0.3313	0.2908	0.1000	17.6	20.0	-12.2	30.0
1,1-Dichloropropene	Ave	0.3635	0.3332		18.3	20.0	-8.3	30.0
Isobutyl alcohol	Ave	0.5845	0.5555		475	500	-5.0	30.0
Benzene	Ave	1.486	1.436	0.5000	19.3	20.0	-3.4	30.0
Isopropyl acetate	Ave	0.8105	0.7955		19.6	20.0	-1.8	30.0
Tert-amyl methyl ether	Ave	0.1787	0.1878		21.0	20.0	5.1	30.0
1,2-Dichloroethane	Ave	0.3635	0.3504	0.1000	19.3	20.0	-3.6	30.0
n-Heptane	Ave	0.1028	0.0933		18.2	20.0	-9.2	30.0
n-Butanol	QuaF		0.1310		430	500	-14.1	30.0
Trichloroethene	Ave	0.2734	0.2688	0.2000	19.7	20.0	-1.7	30.0
Methylcyclohexane	Ave	0.2716	0.2584	0.1000	19.0	20.0	-4.9	30.0
Ethyl acrylate	Ave	0.5682	0.5458		19.2	20.0	-3.9	30.0
1,2-Dichloropropane	Ave	0.2999	0.2902	0.1000	19.4	20.0	-3.2	30.0
Methyl methacrylate	Ave	0.0572	0.0522		36.5	40.0	-8.7	30.0
1,4-Dioxane	Ave	0.4658	0.4415		379	400	-5.2	30.0
Dibromomethane	Ave	0.1702	0.1621		19.0	20.0	-4.8	30.0
n-Propyl acetate	Ave	0.3934	0.3771		19.2	20.0	-4.1	30.0
Dichlorobromomethane	Ave	0.3492	0.3230	0.2000	18.5	20.0	-7.5	30.0
2-Nitropropane	Ave	3.967	3.245		32.7	40.0	-18.2	30.0
2-Chloroethyl vinyl ether	Ave	0.1634	0.1635		20.0	20.0	0.0	30.0
Epichlorohydrin	Ave	0.1792	0.2045		22.8	20.0	14.2	30.0
cis-1,3-Dichloropropene	Ave	0.6514	0.6000	0.2000	18.4	20.0	-7.9	30.0
4-Methyl-2-pentanone (MIBK)	Ave	2.373	2.395	0.0500	101	100	0.9	30.0
Toluene	Ave	1.472	1.419	0.4000	19.3	20.0	-3.6	30.0
trans-1,3-Dichloropropene	Ave	0.5673	0.5367	0.1000	18.9	20.0	-5.4	30.0
Ethyl methacrylate	Ave	0.3063	0.2877		18.8	20.0	-6.1	30.0
1,1,2-Trichloroethane	Ave	0.2858	0.2832	0.1000	19.8	20.0	-0.9	30.0
Tetrachloroethene	Ave	0.3536	0.3362	0.2000	19.0	20.0	-4.9	30.0
1,3-Dichloropropane	Ave	0.5290	0.5148		19.5	20.0	-2.7	30.0
2-Hexanone	Ave	0.7606	0.7322	0.0500	96.3	100	-3.7	30.0
n-Butyl acetate	Ave	0.5949	0.6006		20.2	20.0	1.0	30.0
Chlorodibromomethane	Ave	0.3525	0.3237	0.1000	18.4	20.0	-8.2	30.0
Ethylene Dibromide	Ave	0.3224	0.3160	0.1000	19.6	20.0	-2.0	30.0
Chlorobenzene	Ave	0.8744	0.8644	0.5000	19.8	20.0	-1.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903054/17 Calibration Date: 04/14/2023 06:30

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J88854.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.4595	0.4480	0.1000	19.5	20.0	-2.5	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3194	0.3139		19.7	20.0	-1.7	30.0
m-Xylene & p-Xylene	Ave	0.5608	0.5294	0.1000	18.9	20.0	-5.6	30.0
o-Xylene	Ave	0.5471	0.5298	0.3000	19.4	20.0	-3.2	30.0
n-Butyl acrylate	Ave	0.2631	0.2507		19.1	20.0	-4.7	30.0
Styrene	Ave	0.9002	0.8760	0.3000	19.5	20.0	-2.7	30.0
Bromoform	Ave	0.2183	0.1878	0.1000	17.2	20.0	-14.0	30.0
Amyl acetate (mixed isomers)	Ave	1.295	1.367		21.1	20.0	5.6	30.0
Isopropylbenzene	Ave	1.197	1.192	0.1000	19.9	20.0	-0.5	30.0
Bromobenzene	Ave	0.7501	0.7408		19.8	20.0	-1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	0.7269	0.7017	0.3000	19.3	20.0	-3.5	30.0
N-Propylbenzene	Ave	2.774	2.816		20.3	20.0	1.5	30.0
1,2,3-Trichloropropane	Ave	0.1749	0.1788		20.4	20.0	2.2	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2248	0.2088		18.6	20.0	-7.1	30.0
2-Chlorotoluene	Ave	2.015	2.050		20.3	20.0	1.7	30.0
4-Ethyltoluene	Ave	2.301	2.333		20.3	20.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	1.946	1.969		20.2	20.0	1.2	30.0
4-Chlorotoluene	Ave	1.944	1.917		19.7	20.0	-1.4	30.0
Butyl Methacrylate	Ave	0.8212	0.8217		20.0	20.0	0.0	30.0
tert-Butylbenzene	Ave	1.462	1.502		20.5	20.0	2.7	30.0
1,2,4-Trimethylbenzene	Ave	2.046	2.048		20.0	20.0	0.0	30.0
sec-Butylbenzene	Ave	1.981	2.018		20.4	20.0	1.9	30.0
1,3-Dichlorobenzene	Ave	1.196	1.166	0.6000	19.5	20.0	-2.5	30.0
4-Isopropyltoluene	Ave	1.692	1.697		20.1	20.0	0.3	30.0
1,4-Dichlorobenzene	Ave	1.253	1.211	0.5000	19.3	20.0	-3.4	30.0
Benzyl chloride	Ave	1.329	1.144		17.2	20.0	-13.9	30.0
Indan	Ave	2.128	2.105		19.8	20.0	-1.1	30.0
p-Diethylbenzene	Ave	0.9915	0.9866		19.9	20.0	-0.5	30.0
n-Butylbenzene	Ave	0.8047	0.8002		19.9	20.0	-0.6	30.0
1,2-Dichlorobenzene	Ave	1.167	1.136	0.4000	19.5	20.0	-2.7	30.0
1,2,4,5-Tetramethylbenzene	Ave	1.650	1.663		20.2	20.0	0.8	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.1401	0.1213	0.0500	17.3	20.0	-13.4	30.0
1,3,5-Trichlorobenzene	Ave	0.7134	0.7059		19.8	20.0	-1.1	30.0
1,2,4-Trichlorobenzene	Ave	0.6742	0.6452	0.2000	19.1	20.0	-4.3	30.0
Hexachlorobutadiene	Ave	0.2279	0.2307		20.2	20.0	1.2	30.0
Naphthalene	Ave	1.868	1.737		18.6	20.0	-7.1	30.0
1,2,3-Trichlorobenzene	Ave	0.6108	0.5679		18.6	20.0	-7.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2258	0.2204		48.8	50.0	-2.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2648	0.2694		50.9	50.0	1.7	30.0
Toluene-d8 (Surr)	Ave	1.178	1.196		50.8	50.0	1.6	30.0
4-Bromofluorobenzene	Ave	0.3353	0.3344		49.9	50.0	-0.3	30.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88854.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 14-Apr-2023 06:30:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 460-0159076-017
Operator ID: Instrument ID: CVOAMS8
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 14-Apr-2023 19:42:18 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1624

First Level Reviewer: K0HS Date: 14-Apr-2023 08:37:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.136	1.133	0.003	92	5850	20.0	23.3	
4 Dichlorodifluoromethane	85	1.160	1.157	0.003	99	54941	20.0	19.5	
5 Chlorodifluoromethane	67	1.173	1.176	-0.003	96	8135	20.0	17.8	
6 Chloromethane	50	1.288	1.285	0.003	99	68777	20.0	20.7	
7 Vinyl chloride	62	1.343	1.346	-0.003	98	63157	20.0	19.5	
8 Butadiene	54	1.361	1.358	0.003	95	58917	20.0	17.7	
9 Bromomethane	94	1.556	1.559	-0.003	99	26563	20.0	18.9	
10 Chloroethane	64	1.610	1.613	-0.003	98	33590	20.0	20.4	
12 Dichlorofluoromethane	67	1.732	1.735	-0.003	98	92774	20.0	19.7	
11 Trichlorofluoromethane	101	1.744	1.741	0.003	98	76368	20.0	19.8	
13 Pentane	43	1.775	1.772	0.003	96	151574	40.0	33.7	
14 Ethanol	46	1.866	1.869	-0.003	98	1969	800.0	688.1	
15 Ethyl ether	59	1.908	1.911	-0.003	92	45529	20.0	19.6	
16 2-Methyl-1,3-butadiene	53	1.927	1.930	-0.003	95	48254	20.0	17.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.939	1.942	-0.003	97	41213	20.0	20.9	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.981	1.978	0.003	96	80101	20.0	20.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.036	2.033	0.003	97	48710	20.0	19.3	
19 Acrolein	56	2.042	2.039	0.003	94	9524	40.1	28.8	
21 1,1-Dichloroethene	96	2.067	2.070	-0.004	95	48298	20.0	19.7	
22 Acetone	43	2.133	2.130	0.003	85	60221	100.0	79.6	
23 Iodomethane	142	2.188	2.191	-0.003	98	57526	20.0	17.5	
25 Isopropyl alcohol	45	2.188	2.191	-0.003	38	12531	200.0	159.2	
24 Carbon disulfide	76	2.219	2.215	0.004	100	178807	20.0	19.2	
26 3-Chloro-1-propene	76	2.310	2.313	-0.003	95	30805	20.0	18.9	
28 Methyl acetate	43	2.316	2.319	-0.003	99	85588	40.0	38.5	
27 Cyclopentene	67	2.328	2.331	-0.003	94	119294	20.0	19.5	
29 Acetonitrile	41	2.358	2.361	-0.003	99	57902	200.0	203.5	a
* 30 TBA-d9 (IS)	65	2.395	2.392	0.003	78	206034	1000.0	1000.0	
31 Methylene Chloride	84	2.413	2.410	0.003	99	54166	20.0	19.2	
32 2-Methyl-2-propanol	59	2.450	2.447	0.003	97	23416	200.0	158.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.535	2.532	0.003	98	154191	20.0	19.2	
34 trans-1,2-Dichloroethene	96	2.559	2.562	-0.003	98	55515	20.0	19.4	
35 Acrylonitrile	53	2.620	2.617	0.003	93	178984	200.0	194.8	
36 Hexane	57	2.681	2.684	-0.003	94	53187	20.0	18.5	
37 Isopropyl ether	45	2.851	2.854	-0.003	98	229094	20.0	20.1	
38 1,1-Dichloroethane	63	2.887	2.891	-0.004	99	113902	20.0	19.9	
39 Vinyl acetate	43	2.894	2.897	-0.003	100	172846	40.0	30.1	
40 2-Chloro-1,3-butadiene	88	2.924	2.927	-0.003	92	51488	20.0	19.6	
41 Tert-butyl ethyl ether	59	3.125	3.128	-0.003	87	187534	20.0	19.6	
* 43 2-Butanone-d5	46	3.301	3.304	-0.003	98	309711	250.0	250.0	
42 2,2-Dichloropropane	79	3.313	3.310	0.003	96	26713	20.0	17.7	
44 cis-1,2-Dichloroethene	96	3.338	3.341	-0.003	92	61270	20.0	19.1	
45 Ethyl acetate	70	3.356	3.353	0.003	96	11092	40.0	36.2	
46 2-Butanone (MEK)	72	3.356	3.359	-0.003	94	23233	100.0	95.2	
47 Methyl acrylate	55	3.404	3.401	0.003	99	49666	20.0	19.0	
48 Propionitrile	54	3.471	3.474	-0.003	97	59485	200.0	196.1	
50 Chlorobromomethane	128	3.544	3.541	0.003	96	28598	20.0	18.7	
49 Tetrahydrofuran	72	3.544	3.547	-0.003	56	10406	40.0	34.7	
51 Methacrylonitrile	67	3.563	3.566	-0.004	96	216875	200.0	200.6	
52 Chloroform	83	3.587	3.590	-0.003	98	103579	20.0	19.5	
53 Cyclohexane	84	3.702	3.705	-0.003	97	66077	20.0	18.7	
54 1,1,1-Trichloroethane	97	3.715	3.718	-0.003	99	83763	20.0	18.4	
$ 55 Dibromofluoromethane (Surr)	113	3.733	3.736	-0.003	96	133605	50.0	48.8	
56 Carbon tetrachloride	117	3.830	3.827	0.003	98	70518	20.0	17.6	
57 1,1-Dichloropropene	75	3.860	3.857	0.003	95	80809	20.0	18.3	
58 Isobutyl alcohol	43	3.988	3.991	-0.003	91	57228	500.0	475.2	
59 Isooctane	57	4.013	4.009	0.004	98	104709	20.0	18.5	
60 Benzene	78	4.043	4.046	-0.003	97	236198	20.0	19.3	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.061	4.064	-0.003	0	163320	50.0	50.9	
62 Isopropyl acetate	43	4.104	4.101	0.003	95	192913	20.0	19.6	
63 Tert-amyl methyl ether	55	4.104	4.107	-0.003	93	45549	20.0	21.0	
64 1,2-Dichloroethane	62	4.134	4.131	0.003	96	84968	20.0	19.3	
65 n-Heptane	57	4.189	4.192	-0.003	97	22630	20.0	18.2	
* 66 Fluorobenzene	96	4.323	4.320	0.003	98	606269	50.0	50.0	
67 n-Butanol	56	4.645	4.648	-0.003	94	13499	500.0	429.6	
68 Trichloroethene	95	4.669	4.672	-0.003	98	65174	20.0	19.7	
69 Methylcyclohexane	83	4.791	4.788	0.003	86	62655	20.0	19.0	
70 Ethyl acrylate	55	4.797	4.800	-0.003	97	132371	20.0	19.2	
71 1,2-Dichloropropane	63	4.961	4.958	0.003	90	70382	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.028	5.031	-0.003	0	23967	1000.0	1000.0	
73 Methyl methacrylate	100	5.052	5.049	0.003	95	25338	40.0	36.5	
75 1,4-Dioxane	88	5.083	5.092	-0.009	28	4233	400.0	379.2	M
74 Dibromomethane	93	5.095	5.092	0.003	98	39300	20.0	19.0	
76 n-Propyl acetate	43	5.113	5.110	0.003	99	91454	20.0	19.2	
77 Dichlorobromomethane	83	5.253	5.250	0.003	98	78322	20.0	18.5	
78 2-Nitropropane	41	5.606	5.609	-0.003	97	26747	40.0	32.7	
79 2-Chloroethyl vinyl ether	63	5.618	5.621	-0.003	96	39661	20.0	20.0	
80 Epichlorohydrin	57	5.734	5.724	0.010	92	5068	20.0	22.8	
81 cis-1,3-Dichloropropene	75	5.782	5.779	0.003	96	98699	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.965	5.962	0.003	98	296712	100.0	100.9	
$ 83 Toluene-d8 (Surr)	98	6.032	6.035	-0.003	99	492048	50.0	50.8	
84 Toluene	91	6.117	6.120	-0.003	93	233396	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.518	6.515	0.003	98	88288	20.0	18.9	
86 Ethyl methacrylate	69	6.567	6.564	0.003	95	69761	20.0	18.8	
87 1,1,2-Trichloroethane	83	6.749	6.752	-0.003	96	46583	20.0	19.8	
88 Tetrachloroethene	166	6.780	6.783	-0.003	96	55299	20.0	19.0	
89 1,3-Dichloropropane	76	6.980	6.983	-0.003	98	84687	20.0	19.5	
90 2-Hexanone	58	7.071	7.074	-0.003	99	90714	100.0	96.3	
91 n-Butyl acetate	43	7.217	7.214	0.003	96	98797	20.0	20.2	
92 Chlorodibromomethane	129	7.236	7.233	0.003	98	53247	20.0	18.4	
93 Ethylene Dibromide	107	7.394	7.397	-0.003	98	51983	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.990	7.987	0.003	89	411256	50.0	50.0	
95 Chlorobenzene	112	8.020	8.023	-0.003	94	142199	20.0	19.8	
96 Ethylbenzene	106	8.130	8.133	-0.003	99	73697	20.0	19.5	
97 1,1,1,2-Tetrachloroethane	131	8.148	8.145	0.003	95	51630	20.0	19.7	
98 m-Xylene & p-Xylene	106	8.282	8.285	-0.003	0	87094	20.0	18.9	
99 o-Xylene	106	8.732	8.735	-0.003	93	87150	20.0	19.4	
100 n-Butyl acrylate	73	8.756	8.753	0.003	95	41244	20.0	19.1	
101 Styrene	104	8.768	8.771	-0.003	94	144111	20.0	19.5	
103 Bromoform	173	8.981	8.984	-0.003	96	30890	20.0	17.2	
102 Amyl acetate (mixed isomers)	43	8.999	9.002	-0.003	87	105197	20.0	21.1	
104 Isopropylbenzene	105	9.121	9.118	0.003	96	196036	20.0	19.9	
$ 105 4-Bromofluorobenzene	174	9.315	9.318	-0.003	91	137540	50.0	49.9	
106 Bromobenzene	156	9.443	9.440	0.003	95	57019	20.0	19.8	
107 1,1,2,2-Tetrachloroethane	83	9.510	9.513	-0.003	98	54014	20.0	19.3	
108 N-Propylbenzene	91	9.528	9.525	0.003	99	216785	20.0	20.3	
109 1,2,3-Trichloropropane	110	9.553	9.550	0.003	97	13762	20.0	20.4	
110 trans-1,4-Dichloro-2-butene	53	9.577	9.574	0.003	90	16072	20.0	18.6	
111 2-Chlorotoluene	91	9.620	9.623	-0.003	98	157761	20.0	20.3	
112 4-Ethyltoluene	105	9.638	9.641	-0.003	98	179594	20.0	20.3	
113 1,3,5-Trimethylbenzene	105	9.705	9.708	-0.003	92	151592	20.0	20.2	
114 4-Chlorotoluene	91	9.735	9.738	-0.003	98	147558	20.0	19.7	
115 Butyl Methacrylate	87	9.820	9.823	-0.003	96	63247	20.0	20.0	
116 tert-Butylbenzene	119	9.984	9.987	-0.003	92	115581	20.0	20.5	
117 1,2,4-Trimethylbenzene	105	10.045	10.042	0.003	98	157643	20.0	20.0	
118 sec-Butylbenzene	105	10.179	10.182	-0.003	99	155366	20.0	20.4	
120 1,3-Dichlorobenzene	146	10.301	10.304	-0.003	95	89717	20.0	19.5	
119 4-Isopropyltoluene	119	10.313	10.310	0.003	98	130662	20.0	20.1	
* 121 1,4-Dichlorobenzene-d4	152	10.368	10.371	-0.003	96	192435	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.386	10.389	-0.003	96	93184	20.0	19.3	
123 1,2,3-Trimethylbenzene	105	10.410	10.407	0.003	99	164917	20.0	20.0	
124 Benzyl chloride	91	10.520	10.517	0.004	98	88065	20.0	17.2	
125 2,3-Dihydroindene	117	10.568	10.571	-0.003	95	162021	20.0	19.8	
126 p-Diethylbenzene	119	10.635	10.632	0.003	93	75946	20.0	19.9	
127 n-Butylbenzene	92	10.653	10.650	0.003	98	61592	20.0	19.9	
128 1,2-Dichlorobenzene	146	10.696	10.699	-0.003	96	87425	20.0	19.5	
129 1,2,4,5-Tetramethylbenzene	119	11.255	11.258	-0.003	97	128019	20.0	20.2	
130 1,2-Dibromo-3-Chloropropane	157	11.341	11.337	0.004	95	9337	20.0	17.3	
131 1,3,5-Trichlorobenzene	180	11.450	11.447	0.003	97	54333	20.0	19.8	
132 1,2,4-Trichlorobenzene	180	11.924	11.927	-0.003	94	49667	20.0	19.1	
133 Hexachlorobutadiene	225	12.009	12.006	0.003	97	17756	20.0	20.2	
134 Naphthalene	128	12.107	12.110	-0.003	99	133681	20.0	18.6	
135 1,2,3-Trichlorobenzene	180	12.283	12.286	-0.003	95	43713	20.0	18.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.2	
S 138 Total BTEX	1				0		100.0	96.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

ACROLEIN SP_00149	Amount Added:	4.00	Units: uL	
GAS C SP_00510	Amount Added:	20.00	Units: uL	
8260 SP_00165	Amount Added:	20.00	Units: uL	
8FreonsSS_00056	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00236	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 14-Apr-2023 19:42:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88854.D

Injection Date: 14-Apr-2023 06:30:30 Instrument ID: CVOAMS8 Operator ID:

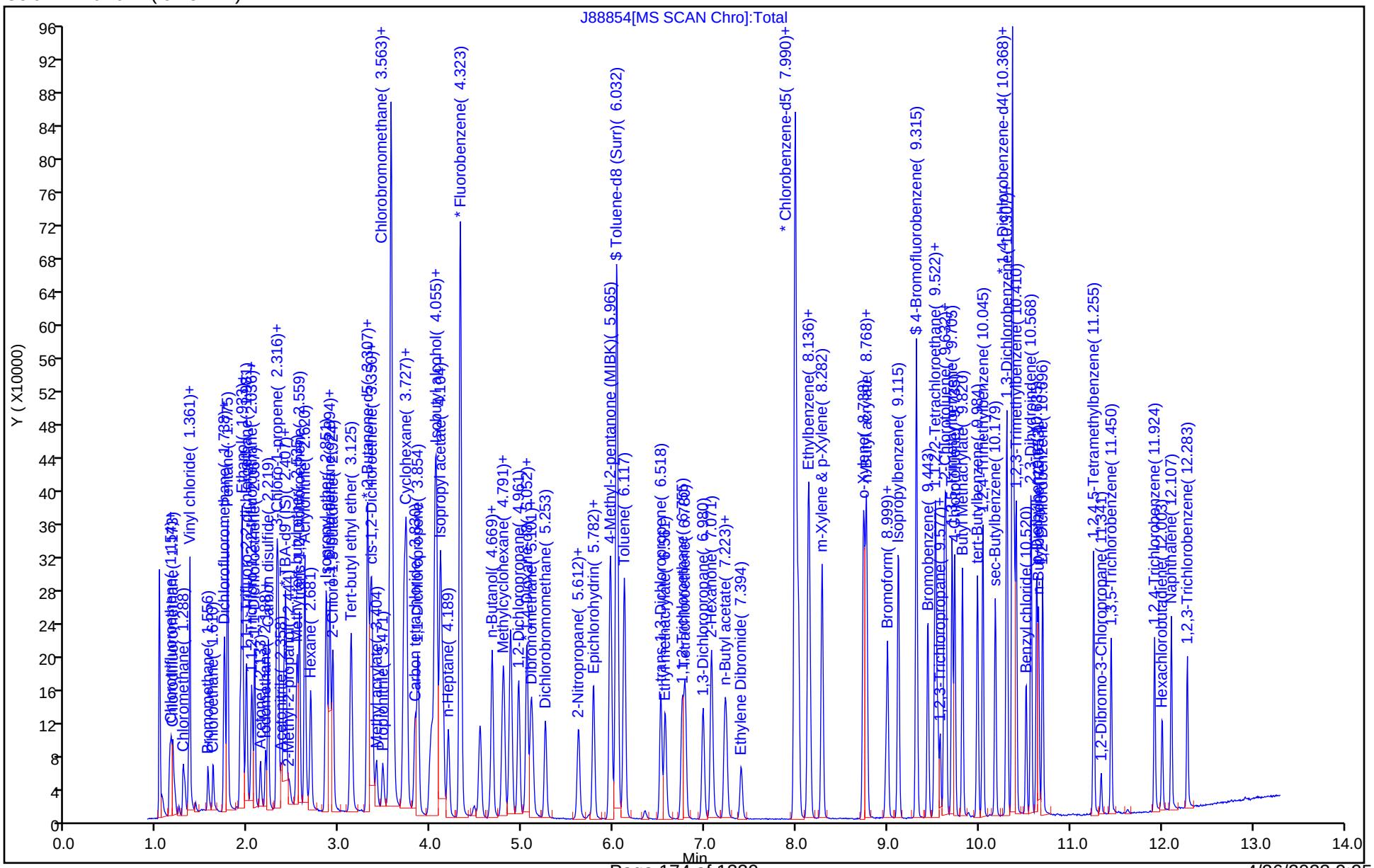
Lims ID: ICV Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904131/3 Calibration Date: 04/20/2023 06:50

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89086.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlorotrifluoroethene	Ave	0.0207	0.0215		20.8	20.0	3.8	20.0
Dichlorodifluoromethane	Ave	0.2323	0.2601	0.1000	22.4	20.0	12.0	20.0
Chloromethane	Ave	0.2744	0.2525	0.1000	18.4	20.0	-8.0	20.0
Vinyl chloride	Ave	0.2676	0.2733	0.1000	20.4	20.0	2.1	20.0
Butadiene	Ave	0.2741	0.2734		20.0	20.0	-0.2	20.0
Bromomethane	Ave	0.1160	0.1324	0.1000	22.8	20.0	14.1	50.0
Chloroethane	Ave	0.1357	0.1384	0.1000	20.4	20.0	2.0	50.0
Dichlorofluoromethane	Ave	0.3890	0.4074		20.9	20.0	4.7	20.0
Trichlorofluoromethane	Ave	0.3183	0.3811	0.1000	23.9	20.0	19.7	20.0
Pentane	Ave	0.3709	0.3959		42.7	40.0	6.7	20.0
Ethanol	Ave	0.0139	0.0288		1660	800	107.7*	50.0
Ethyl ether	Ave	0.1913	0.1728		18.1	20.0	-9.7	20.0
2-Methyl-1,3-butadiene	Ave	0.2282	0.2332		20.4	20.0	2.2	20.0
1,2-Dichloro-1,1,2-trifluoro ethane	Ave	0.1623	0.1815		22.4	20.0	11.8	20.0
1,1,2-Trichloro-1,2,2-triflu oroethane	Ave	0.2086	0.2372	0.1000	22.7	20.0	13.7	20.0
Acrolein	Ave	1.603	1.801		44.9	40.0	12.3	50.0
1,1-Dichloroethene	Ave	0.2020	0.2193	0.1000	21.7	20.0	8.6	20.0
Acetone	Ave	0.6108	0.4924	0.0500	80.6	100	-19.4	50.0
Iodomethane	Ave	0.2714	0.2324		17.1	20.0	-14.4	20.0
Isopropyl alcohol	Ave	0.3821	0.5757		301	200	50.7*	50.0
Carbon disulfide	Ave	0.7700	0.7487	0.1000	19.4	20.0	-2.8	50.0
3-Chloro-1-propene	Ave	0.1343	0.1354		20.2	20.0	0.8	20.0
Methyl acetate	Ave	10.78	10.22	0.1000	37.9	40.0	-5.2	20.0
Cyclopentene	Ave	0.5050	0.5123		20.3	20.0	1.5	20.0
Acetonitrile	QuaF		1.644		238	200	19.0	20.0
Methylene Chloride	Ave	0.2332	0.2324	0.1000	19.9	20.0	-0.3	20.0
2-Methyl-2-propanol	Ave	0.7171	0.8952		250	200	24.8	50.0
Methyl tert-butyl ether	Ave	0.6616	0.6018	0.1000	18.2	20.0	-9.0	20.0
trans-1,2-Dichloroethene	Ave	0.2361	0.2422	0.1000	20.5	20.0	2.6	20.0
Acrylonitrile	Ave	4.459	4.347		195	200	-2.5	20.0
Hexane	Ave	0.2371	0.2438		20.6	20.0	2.8	20.0
Isopropyl ether	Ave	0.9385	0.8297		17.7	20.0	-11.6	20.0
1,1-Dichloroethane	Ave	0.4714	0.4635	0.2000	19.7	20.0	-1.7	20.0
Vinyl acetate	Ave	0.4734	0.5057		42.7	40.0	6.8	20.0
2-Chloro-1,3-butadiene	Ave	0.2172	0.2141		19.7	20.0	-1.4	20.0
Tert-butyl ethyl ether	Ave	0.7880	0.7570		19.2	20.0	-3.9	20.0
2,2-Dichloropropane	Ave	0.1243	0.1327		21.4	20.0	6.8	20.0
cis-1,2-Dichloroethene	Ave	0.2650	0.2760	0.1000	20.8	20.0	4.1	20.0
2-Butanone (MEK)	Ave	0.1969	0.2026	0.0500	103	100	2.9	50.0
Ethyl acetate	Ave	0.2472	0.2133		34.5	40.0	-13.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904131/3 Calibration Date: 04/20/2023 06:50

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89086.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propionitrile	Ave	1.472	1.756		239	200	19.3	20.0
Chlorobromomethane	Ave	0.1259	0.1408		22.4	20.0	11.8	20.0
Tetrahydrofuran	Ave	0.2422	0.2323		38.4	40.0	-4.1	20.0
Methacrylonitrile	Ave	0.0892	0.0933		209	200	4.6	20.0
Chloroform	Ave	0.4380	0.4718	0.2000	21.5	20.0	7.7	20.0
Cyclohexane	Ave	0.2920	0.3143	0.1000	21.5	20.0	7.7	50.0
1,1,1-Trichloroethane	Ave	0.3751	0.3906	0.1000	20.8	20.0	4.1	20.0
Carbon tetrachloride	Ave	0.3313	0.3271	0.1000	19.7	20.0	-1.3	20.0
1,1-Dichloropropene	Ave	0.3635	0.3636		20.0	20.0	0.0	20.0
Isobutyl alcohol	Ave	0.5845	0.8068		690	500	38.0	50.0
Benzene	Ave	1.486	1.403	0.5000	18.9	20.0	-5.6	20.0
Isopropyl acetate	Ave	0.8105	0.7535		18.6	20.0	-7.0	20.0
Tert-amyl methyl ether	Ave	0.1787	0.1846		20.7	20.0	3.3	20.0
1,2-Dichloroethane	Ave	0.3635	0.3673	0.1000	20.2	20.0	1.1	20.0
n-Heptane	Ave	0.1028	0.1090		21.2	20.0	6.1	20.0
n-Butanol	QuaF		0.2192		715	500	43.0	50.0
Trichloroethene	Ave	0.2734	0.2639	0.2000	19.3	20.0	-3.5	20.0
Methylcyclohexane	Ave	0.2716	0.2918	0.1000	21.5	20.0	7.4	50.0
Ethyl acrylate	Ave	0.5682	0.5512		19.4	20.0	-3.0	20.0
1,2-Dichloropropane	Ave	0.2999	0.2914	0.1000	19.4	20.0	-2.8	20.0
Methyl methacrylate	Ave	0.0572	0.0530		37.0	40.0	-7.4	20.0
1,4-Dioxane	Ave	0.4658	0.7889		677	400	69.4*	50.0
Dibromomethane	Ave	0.1702	0.1710		20.1	20.0	0.5	20.0
n-Propyl acetate	Ave	0.3934	0.3731		19.0	20.0	-5.1	20.0
Dichlorobromomethane	Ave	0.3492	0.3332	0.2000	19.1	20.0	-4.6	20.0
2-Nitropropane	Ave	3.967	2.673		27.0	40.0	-32.6*	20.0
2-Chloroethyl vinyl ether	Ave	0.1634	0.1406		17.3	20.0	-13.9	20.0
Epichlorohydrin	Ave	0.1792	0.1680		375	400	-6.2	20.0
cis-1,3-Dichloropropene	Ave	0.6514	0.5951	0.2000	18.3	20.0	-8.6	50.0
4-Methyl-2-pentanone (MIBK)	Ave	2.373	2.211	0.0500	93.1	100	-6.9	50.0
Toluene	Ave	1.472	1.383	0.4000	18.8	20.0	-6.0	20.0
trans-1,3-Dichloropropene	Ave	0.5673	0.5090	0.1000	17.9	20.0	-10.3	50.0
Ethyl methacrylate	Ave	0.3063	0.2796		18.3	20.0	-8.7	20.0
1,1,2-Trichloroethane	Ave	0.2858	0.2711	0.1000	19.0	20.0	-5.1	20.0
Tetrachloroethene	Ave	0.3536	0.3627	0.2000	20.5	20.0	2.6	20.0
1,3-Dichloropropane	Ave	0.5290	0.4921		18.6	20.0	-7.0	20.0
2-Hexanone	Ave	0.7606	0.6824	0.0500	89.7	100	-10.3	50.0
n-Butyl acetate	Ave	0.5949	0.5489		18.5	20.0	-7.7	20.0
Chlorodibromomethane	Ave	0.3525	0.3126	0.1000	17.7	20.0	-11.3	50.0
Ethylene Dibromide	Ave	0.3224	0.3131	0.1000	19.4	20.0	-2.9	20.0
Chlorobenzene	Ave	0.8744	0.8627	0.5000	19.7	20.0	-1.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904131/3 Calibration Date: 04/20/2023 06:50

Instrument ID: CVOAMS8 Calib Start Date: 04/14/2023 00:39

GC Column: Rtx-624 ID: 0.25(mm) Calib End Date: 04/14/2023 03:09

Lab File ID: J89086.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethylbenzene	Ave	0.4595	0.4357	0.1000	19.0	20.0	-5.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3194	0.3034		19.0	20.0	-5.0	20.0
m-Xylene & p-Xylene	Ave	0.5608	0.5343	0.1000	19.1	20.0	-4.7	20.0
o-Xylene	Ave	0.5471	0.5271	0.3000	19.3	20.0	-3.6	20.0
n-Butyl acrylate	Ave	0.2631	0.2284		17.4	20.0	-13.2	20.0
Styrene	Ave	0.9002	0.8675	0.3000	19.3	20.0	-3.6	20.0
Bromoform	Ave	0.2183	0.1796	0.1000	16.5	20.0	-17.7	20.0
Amyl acetate (mixed isomers)	Ave	1.295	1.160		17.9	20.0	-10.4	20.0
Isopropylbenzene	Ave	1.197	1.173	0.1000	19.6	20.0	-2.1	20.0
Bromobenzene	Ave	0.7501	0.7227		19.3	20.0	-3.6	20.0
1,1,2,2-Tetrachloroethane	Ave	0.7269	0.6878	0.3000	18.9	20.0	-5.4	20.0
N-Propylbenzene	Ave	2.774	2.705		19.5	20.0	-2.5	20.0
1,2,3-Trichloropropane	Ave	0.1749	0.1677		19.2	20.0	-4.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2248	0.1921		17.1	20.0	-14.6	20.0
2-Chlorotoluene	Ave	2.015	1.926		19.1	20.0	-4.4	20.0
4-Ethyltoluene	Ave	2.301	2.197		19.1	20.0	-4.5	20.0
1,3,5-Trimethylbenzene	Ave	1.946	1.856		19.1	20.0	-4.7	20.0
4-Chlorotoluene	Ave	1.944	1.912		19.7	20.0	-1.6	20.0
Butyl Methacrylate	Ave	0.8212	0.7122		17.3	20.0	-13.3	20.0
tert-Butylbenzene	Ave	1.462	1.418		19.4	20.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	2.046	1.913		18.7	20.0	-6.5	20.0
sec-Butylbenzene	Ave	1.981	1.973		19.9	20.0	-0.4	20.0
1,3-Dichlorobenzene	Ave	1.196	1.149	0.6000	19.2	20.0	-3.9	20.0
4-Isopropyltoluene	Ave	1.692	1.653		19.5	20.0	-2.3	20.0
1,4-Dichlorobenzene	Ave	1.253	1.200	0.5000	19.2	20.0	-4.2	20.0
Benzyl chloride	Ave	1.329	1.107		16.7	20.0	-16.7	50.0
Indan	Ave	2.128	1.992		18.7	20.0	-6.4	20.0
p-Diethylbenzene	Ave	0.9915	0.996		20.1	20.0	0.5	20.0
n-Butylbenzene	Ave	0.8047	0.8221		20.4	20.0	2.2	20.0
1,2-Dichlorobenzene	Ave	1.167	1.145	0.4000	19.6	20.0	-1.9	20.0
1,2,4,5-Tetramethylbenzene	Ave	1.650	1.568		19.0	20.0	-5.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.1401	0.1225	0.0500	17.5	20.0	-12.5	50.0
1,3,5-Trichlorobenzene	Ave	0.7134	0.7540		21.1	20.0	5.7	20.0
1,2,4-Trichlorobenzene	Ave	0.6742	0.6962	0.2000	20.7	20.0	3.3	20.0
Hexachlorobutadiene	Ave	0.2279	0.2696		23.7	20.0	18.3	20.0
Naphthalene	Ave	1.868	1.725		18.5	20.0	-7.7	50.0
1,2,3-Trichlorobenzene	Ave	0.6108	0.6254		20.5	20.0	2.4	20.0
Dibromofluoromethane (Surr)	Ave	0.2258	0.2494		55.2	50.0	10.4	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.2648	0.2845		53.7	50.0	7.4	20.0
Toluene-d8 (Surr)	Ave	1.178	1.176		49.9	50.0	-0.2	20.0
4-Bromofluorobenzene	Ave	0.3353	0.3551		53.0	50.0	5.9	20.0

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89086.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Apr-2023 06:50:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 460-0159333-003
Operator ID: Instrument ID: CVOAMS8
Sublist: chrom-8260_W8*sub61

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 07:39:33 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: KG2Q Date: 20-Apr-2023 07:39:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.125	1.125	0.000	93	3396	20.0	20.8	
4 Dichlorodifluoromethane	85	1.150	1.150	0.000	98	41062	20.0	22.4	
5 Chlorodifluoromethane	67	1.168	1.168	0.000	98	6641	20.0	22.3	
6 Chloromethane	50	1.278	1.278	0.000	99	39854	20.0	18.4	
7 Vinyl chloride	62	1.338	1.338	0.000	98	43139	20.0	20.4	
8 Butadiene	54	1.350	1.350	0.000	95	43163	20.0	20.0	
9 Bromomethane	94	1.545	1.545	0.000	98	20903	20.0	22.8	
10 Chloroethane	64	1.606	1.606	0.000	99	21848	20.0	20.4	
12 Dichlorofluoromethane	67	1.721	1.721	0.000	99	64314	20.0	20.9	
11 Trichlorofluoromethane	101	1.734	1.734	0.000	98	60155	20.0	23.9	
13 Pentane	43	1.764	1.764	0.000	97	124980	40.0	42.7	
14 Ethanol	46	1.861	1.861	0.000	99	3046	800.0	1661.8	
15 Ethyl ether	59	1.898	1.898	0.000	92	27276	20.0	18.1	
16 2-Methyl-1,3-butadiene	53	1.916	1.916	0.000	97	36816	20.0	20.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.928	1.928	0.000	95	28651	20.0	22.4	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.971	1.971	0.000	96	54874	20.0	21.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.026	2.026	0.000	98	37439	20.0	22.7	
19 Acrolein	56	2.032	2.032	0.000	95	9507	40.0	44.9	
21 1,1-Dichloroethene	96	2.056	2.056	0.000	96	34620	20.0	21.7	
22 Acetone	43	2.123	2.123	0.000	84	41970	100.0	80.6	
23 Iodomethane	142	2.178	2.178	0.000	98	36679	20.0	17.1	
25 Isopropyl alcohol	45	2.184	2.184	0.000	58	15197	200.0	301.4	
24 Carbon disulfide	76	2.208	2.208	0.000	100	118180	20.0	19.4	
26 3-Chloro-1-propene	76	2.299	2.299	0.000	95	21380	20.0	20.2	
29 Acetonitrile	41	2.348	2.348	0.000	98	43394	200.0	237.9	a
28 Methyl acetate	43	2.305	2.305	0.000	98	53967	40.0	37.9	
27 Cyclopentene	67	2.317	2.317	0.000	95	80872	20.0	20.3	
* 30 TBA-d9 (IS)	65	2.384	2.384	0.000	79	131978	1000.0	1000.0	
31 Methylene Chloride	84	2.396	2.396	0.000	98	36681	20.0	19.9	
32 2-Methyl-2-propanol	59	2.439	2.439	0.000	98	23630	200.0	249.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Methyl tert-butyl ether	73	2.524	2.524	0.000	97	94993	20.0	18.2	
34 trans-1,2-Dichloroethene	96	2.549	2.549	0.000	97	38227	20.0	20.5	
35 Acrylonitrile	53	2.603	2.603	0.000	93	114751	200.0	195.0	
36 Hexane	57	2.670	2.670	0.000	93	38480	20.0	20.6	
37 Isopropyl ether	45	2.840	2.840	0.000	98	130965	20.0	17.7	
38 1,1-Dichloroethane	63	2.877	2.877	0.000	99	73161	20.0	19.7	
39 Vinyl acetate	43	2.883	2.883	0.000	100	159637	40.0	42.7	
40 2-Chloro-1,3-butadiene	88	2.913	2.913	0.000	92	33801	20.0	19.7	
41 Tert-butyl ethyl ether	59	3.114	3.114	0.000	88	119490	20.0	19.2	
* 43 2-Butanone-d5	46	3.290	3.290	0.000	98	213105	250.0	250.0	
42 2,2-Dichloropropane	79	3.303	3.303	0.000	97	20948	20.0	21.4	
44 cis-1,2-Dichloroethene	96	3.321	3.321	0.000	93	43559	20.0	20.8	
46 2-Butanone (MEK)	72	3.339	3.339	0.000	94	17268	100.0	102.9	
45 Ethyl acetate	70	3.345	3.345	0.000	95	7273	40.0	34.5	
47 Methyl acrylate	55	3.388	3.388	0.000	99	32916	20.0	19.3	
48 Propionitrile	54	3.455	3.455	0.000	97	46338	200.0	238.5	
50 Chlorobromomethane	128	3.528	3.528	0.000	94	22219	20.0	22.4	
49 Tetrahydrofuran	72	3.528	3.528	0.000	55	7921	40.0	38.4	
51 Methacrylonitrile	67	3.552	3.552	0.000	96	147247	200.0	209.3	
52 Chloroform	83	3.570	3.570	0.000	98	74469	20.0	21.5	
53 Cyclohexane	84	3.686	3.686	0.000	97	49616	20.0	21.5	
54 1,1,1-Trichloroethane	97	3.704	3.704	0.000	98	61650	20.0	20.8	
$ 55 Dibromofluoromethane (Surr)	113	3.716	3.716	0.000	96	98402	50.0	55.2	
56 Carbon tetrachloride	117	3.813	3.813	0.000	97	51628	20.0	19.7	
57 1,1-Dichloropropene	75	3.844	3.844	0.000	95	57399	20.0	20.0	
58 Isobutyl alcohol	43	3.972	3.972	0.000	95	53242	500.0	690.2	
59 Isooctane	57	3.996	3.996	0.000	94	85096	20.0	23.0	
60 Benzene	78	4.026	4.026	0.000	97	160224	20.0	18.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.045	4.045	0.000	0	112258	50.0	53.7	
62 Isopropyl acetate	43	4.087	4.087	0.000	95	118940	20.0	18.6	
63 Tert-amyl methyl ether	55	4.093	4.093	0.000	92	29141	20.0	20.7	
64 1,2-Dichloroethane	62	4.118	4.118	0.000	95	57983	20.0	20.2	
65 n-Heptane	57	4.178	4.178	0.000	98	17212	20.0	21.2	
* 66 Fluorobenzene	96	4.306	4.306	0.000	98	394623	50.0	50.0	
68 Trichloroethene	95	4.653	4.653	0.000	97	41662	20.0	19.3	
69 Methylcyclohexane	83	4.768	4.768	0.000	88	46053	20.0	21.5	
67 n-Butanol	56	4.634	4.634	0.000	96	14468	500.0	715.1	
70 Ethyl acrylate	55	4.780	4.780	0.000	97	87009	20.0	19.4	
71 1,2-Dichloropropane	63	4.945	4.945	0.000	89	46001	20.0	19.4	
* 72 1,4-Dioxane-d8	96	5.018	5.018	0.000	0	16821	1000.0	1000.0	
73 Methyl methacrylate	100	5.036	5.036	0.000	95	16723	40.0	37.0	
75 1,4-Dioxane	88	5.072	5.072	0.000	41	5308	400.0	677.5	
74 Dibromomethane	93	5.078	5.078	0.000	97	26993	20.0	20.1	
76 n-Propyl acetate	43	5.097	5.097	0.000	99	58898	20.0	19.0	
77 Dichlorobromomethane	83	5.236	5.236	0.000	99	52590	20.0	19.1	
78 2-Nitropropane	41	5.595	5.595	0.000	79	14113	40.0	27.0	
79 2-Chloroethyl vinyl ether	63	5.601	5.601	0.000	89	22253	20.0	17.3	
80 Epichlorohydrin	57	5.711	5.711	0.000	99	57284	400.0	375.1	
81 cis-1,3-Dichloropropene	75	5.759	5.759	0.000	95	67979	20.0	18.3	
82 4-Methyl-2-pentanone (MIBK)	43	5.948	5.948	0.000	98	188447	100.0	93.1	
$ 83 Toluene-d8 (Surr)	98	6.015	6.015	0.000	99	335778	50.0	49.9	
84 Toluene	91	6.100	6.100	0.000	93	157944	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 trans-1,3-Dichloropropene	75	6.501	6.501	0.000	97	58146	20.0	17.9	
86 Ethyl methacrylate	69	6.544	6.544	0.000	95	44132	20.0	18.3	
87 1,1,2-Trichloroethane	83	6.732	6.732	0.000	96	30974	20.0	19.0	
88 Tetrachloroethene	166	6.763	6.763	0.000	97	41435	20.0	20.5	
89 1,3-Dichloropropane	76	6.964	6.964	0.000	98	56211	20.0	18.6	
90 2-Hexanone	58	7.055	7.055	0.000	99	58167	100.0	89.7	
91 n-Butyl acetate	43	7.195	7.195	0.000	97	62702	20.0	18.5	
92 Chlorodibromomethane	129	7.213	7.213	0.000	98	35707	20.0	17.7	
93 Ethylene Dibromide	107	7.377	7.377	0.000	98	35768	20.0	19.4	
* 94 Chlorobenzene-d5	117	7.973	7.973	0.000	87	285585	50.0	50.0	
95 Chlorobenzene	112	8.010	8.010	0.000	95	98549	20.0	19.7	
96 Ethylbenzene	106	8.113	8.113	0.000	99	49771	20.0	19.0	
97 1,1,1,2-Tetrachloroethane	131	8.131	8.131	0.000	95	34653	20.0	19.0	
98 m-Xylene & p-Xylene	106	8.271	8.271	0.000	0	61031	20.0	19.1	
99 o-Xylene	106	8.721	8.721	0.000	94	60215	20.0	19.3	
100 n-Butyl acrylate	73	8.739	8.739	0.000	96	26095	20.0	17.4	
101 Styrene	104	8.758	8.758	0.000	94	99103	20.0	19.3	
103 Bromoform	173	8.970	8.970	0.000	96	20511	20.0	16.5	
102 Amyl acetate (mixed isomers)	43	8.989	8.989	0.000	87	66399	20.0	17.9	
104 Isopropylbenzene	105	9.104	9.104	0.000	96	133980	20.0	19.6	
$ 105 4-Bromofluorobenzene	174	9.305	9.305	0.000	95	101421	50.0	53.0	
106 Bromobenzene	156	9.427	9.427	0.000	94	41366	20.0	19.3	
107 1,1,2,2-Tetrachloroethane	83	9.499	9.499	0.000	98	39363	20.0	18.9	
108 N-Propylbenzene	91	9.512	9.512	0.000	99	154841	20.0	19.5	
109 1,2,3-Trichloropropane	110	9.536	9.536	0.000	96	9599	20.0	19.2	
110 trans-1,4-Dichloro-2-butene	53	9.560	9.560	0.000	89	10994	20.0	17.1	
111 2-Chlorotoluene	91	9.609	9.609	0.000	98	110222	20.0	19.1	
112 4-Ethyltoluene	105	9.627	9.627	0.000	98	125717	20.0	19.1	
113 1,3,5-Trimethylbenzene	105	9.694	9.694	0.000	93	106201	20.0	19.1	
114 4-Chlorotoluene	91	9.724	9.724	0.000	97	109457	20.0	19.7	
115 Butyl Methacrylate	87	9.810	9.810	0.000	97	40763	20.0	17.3	
116 tert-Butylbenzene	119	9.974	9.974	0.000	93	81186	20.0	19.4	
117 1,2,4-Trimethylbenzene	105	10.029	10.029	0.000	99	109499	20.0	18.7	
118 sec-Butylbenzene	105	10.168	10.168	0.000	99	112935	20.0	19.9	
120 1,3-Dichlorobenzene	146	10.290	10.290	0.000	96	65748	20.0	19.2	
119 4-Isopropyltoluene	119	10.302	10.302	0.000	98	94602	20.0	19.5	
* 121 1,4-Dichlorobenzene-d4	152	10.357	10.357	0.000	95	143086	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.375	10.375	0.000	96	68687	20.0	19.2	
123 1,2,3-Trimethylbenzene	105	10.400	10.400	0.000	99	114699	20.0	18.7	
124 Benzyl chloride	91	10.509	10.509	0.000	98	63374	20.0	16.7	
125 2,3-Dihydroindene	117	10.558	10.558	0.000	95	114006	20.0	18.7	
126 p-Diethylbenzene	119	10.618	10.618	0.000	93	57010	20.0	20.1	
127 n-Butylbenzene	92	10.643	10.643	0.000	98	47055	20.0	20.4	
128 1,2-Dichlorobenzene	146	10.685	10.685	0.000	97	65526	20.0	19.6	
129 1,2,4,5-Tetramethylbenzene	119	11.245	11.245	0.000	98	89726	20.0	19.0	
130 1,2-Dibromo-3-Chloropropane	157	11.330	11.330	0.000	94	7014	20.0	17.5	
131 1,3,5-Trichlorobenzene	180	11.439	11.439	0.000	97	43154	20.0	21.1	
132 1,2,4-Trichlorobenzene	180	11.914	11.914	0.000	94	39845	20.0	20.7	
133 Hexachlorobutadiene	225	11.999	11.999	0.000	96	15433	20.0	23.7	
134 Naphthalene	128	12.096	12.096	0.000	99	98718	20.0	18.5	
135 1,2,3-Trichlorobenzene	180	12.273	12.273	0.000	95	35796	20.0	20.5	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 137 Xylenes, Total	100				0		40.0	38.3	
S 138 Total BTEX	1				0		100.0	95.0	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00067	Amount Added: 20.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00525	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00238	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 20-Apr-2023 07:39:34 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89086.D

Injection Date: 20-Apr-2023 06:50:30 Instrument ID: CVOAMS8 Operator ID:

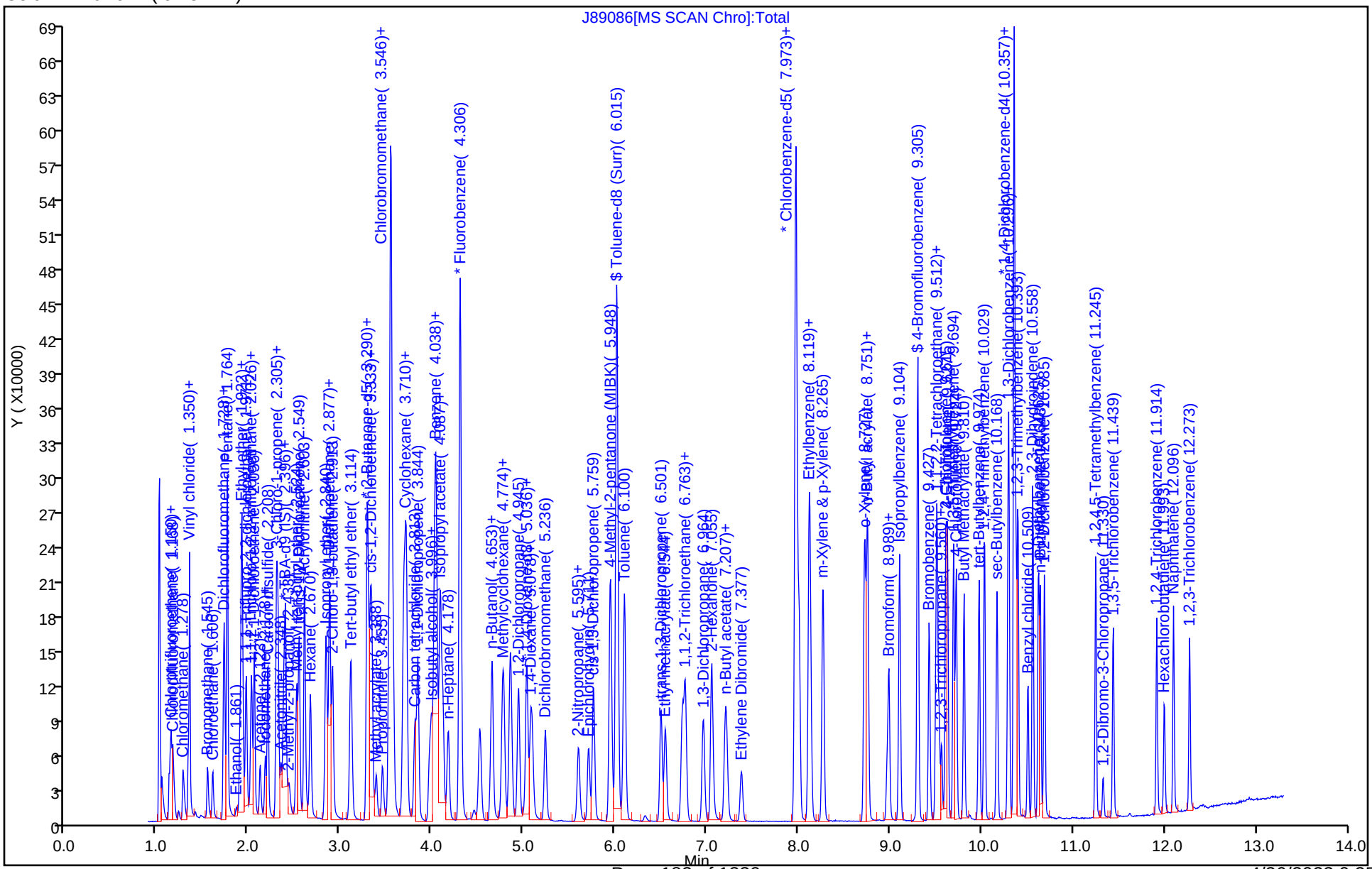
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35393.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	13-Apr-2023 11:48:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0159055-001				
Operator ID:		Instrument ID:	CVOAMS7		
Method:	\\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\8260W_7.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Apr-2023 04:16:36	Calib Date:	13-Apr-2023 15:23:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS Quad		
Process Host:	CTX1603				
First Level Reviewer: K0HS		Date:	13-Apr-2023 11:54:52		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 140 BFB

QC Flag Legend

Processing Flags

Reagents:

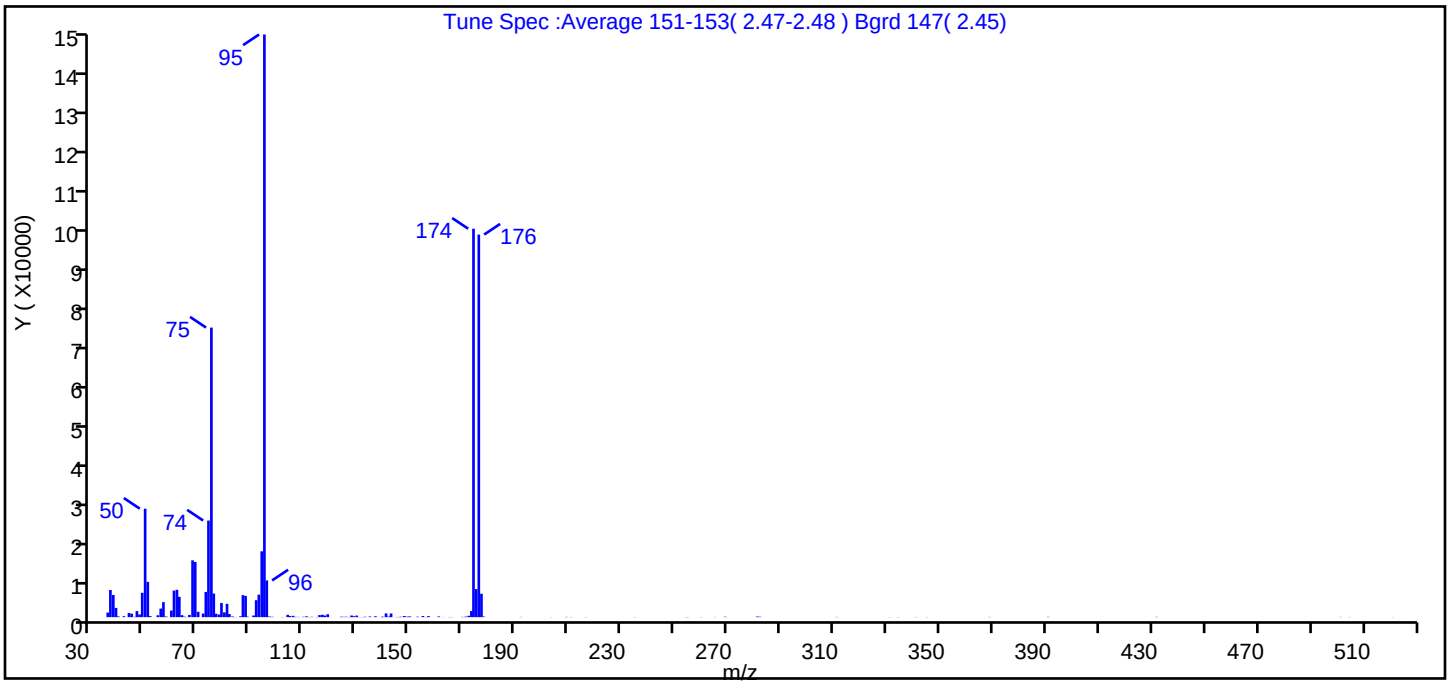
BFB_00033 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35393.D
Injection Date: 13-Apr-2023 11:48:30 Instrument ID: CVOAMS7
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 140 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (150.0)
96	5 to 9% of m/z 95	6.3
173	<2% of m/z 174	1.0 (1.6)
174	50 to 200% of m/z 95	66.7
175	5 to 9% of m/z 174	4.8 (7.2)
176	95 to 105% of m/z 174	65.7 (98.5)
177	5 to 10% of m/z 176	4.0 (6.1)

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35393.D\8260W_7.rslt\spectra.d
Injection Date: 13-Apr-2023 11:48:30
Spectrum: Tune Spec :Average 151-153(2.47-2.48) Bgrd 147(2.45)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1139	76.00	5879	118.00	395	171.00	143
37.00	6763	77.00	835	119.00	726	172.00	328
38.00	5526	78.00	645	124.00	107	173.00	1512
39.00	2297	79.00	3537	125.00	80	174.00	96680
40.00	173	80.00	1187	126.00	99	175.00	6979
42.00	237	81.00	3312	127.00	45	176.00	95216
44.00	1022	82.00	761	128.00	402	177.00	5820
45.00	852	83.00	156	129.00	220	178.00	143
46.00	80	84.00	41	130.00	387	192.00	55
47.00	1500	86.00	217	131.00	48	203.00	37
48.00	674	87.00	5480	132.00	36	209.00	59
49.00	6054	88.00	5286	133.00	99	211.00	38
50.00	26992	89.00	133	135.00	165	216.00	40
51.00	8784	91.00	405	137.00	220	235.00	35
52.00	265	92.00	4218	140.00	101	254.00	34
55.00	465	93.00	5590	140.00	76	255.00	34
56.00	2134	94.00	16384	141.00	928	260.00	34
57.00	3740	95.00	145024	142.00	157	265.00	43
58.00	166	96.00	9140	143.00	915	269.00	103
60.00	1654	97.00	166	145.00	38	281.00	155
61.00	6599	98.00	85	146.00	53	282.00	99
62.00	6806	102.00	41	147.00	99	311.00	51
63.00	5054	104.00	579	148.00	279	331.00	36
64.00	484	105.00	284	149.00	139	334.00	36
65.00	134	106.00	332	150.00	181	341.00	41
66.00	41	107.00	78	153.00	110	345.00	37
67.00	548	108.00	55	155.00	275	369.00	53
68.00	14144	110.00	92	156.00	46	391.00	70
69.00	13736	111.00	207	157.00	260	432.00	63
70.00	1333	112.00	39	161.00	174	501.00	52
72.00	888	113.00	84	163.00	33	505.00	40
73.00	6279	115.00	50	165.00	42	521.00	34
74.00	24048	116.00	514	166.00	38		

Report Date: 14-Apr-2023 04:16:36 Chrom Revision: 2.3 29-Mar-2023 18:39:10
Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35393.D\8260W_7.rslt\spectra.d
Injection Date: 13-Apr-2023 11:48:30
Spectrum: Tune Spec :Average 151-153(2.47-2.48) Bgrd 147(2.45)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 134

m/z	Y	m/z	Y	m/z	Y	m/z	Y
75.00	72072	117.00	592	170.00	70		

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	13-Apr-2023 23:30:30	ALS Bottle#:	99	Worklist Smp#:	1
Injection Vol:	5.0 mL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	460-0159076-001				
Operator ID:		Instrument ID:	CVOAMS8		
Method:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\8260_W8.m				
Limit Group:	VOA - 8260D Water and Solid				
Last Update:	14-Apr-2023 19:42:18	Calib Date:	14-Apr-2023 03:09:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D				
Column 1 :	Rtx-624 (0.25 mm)		Det: MS SCAN		
Process Host:	CTX1624				
First Level Reviewer: HVW2		Date:	14-Apr-2023 00:07:37		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags

$ 139 BFB

QC Flag Legend

Review Flags

a - User Assigned ID

Reagents:

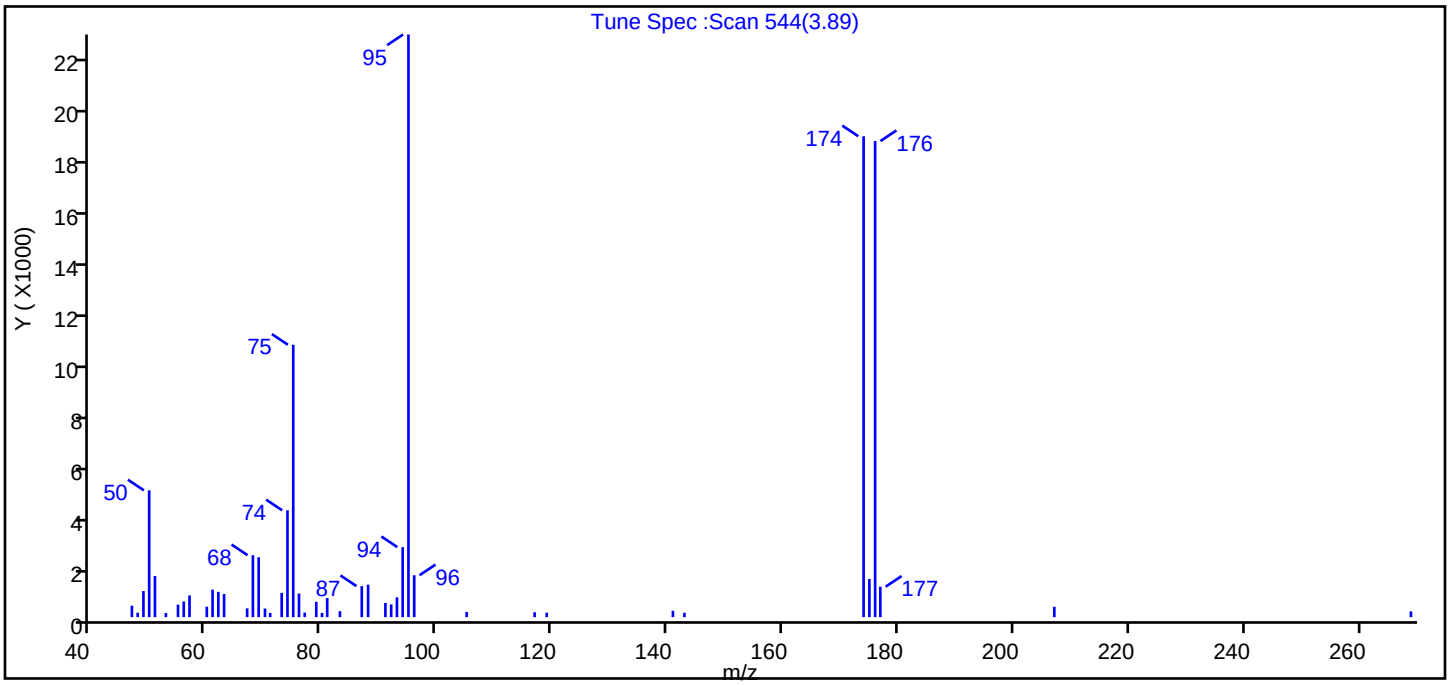
BFB_00033 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D
Injection Date: 13-Apr-2023 23:30:30 Instrument ID: CVOAMS8
Lims ID: BFB
Client ID:
Operator ID: ALS Bottle#: 99 Worklist Smp#: 1
Injection Vol: 5.0 mL Dil. Factor: 1.0000
Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid
Tune Method: BFB Method 8260D

$ 139 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	50 to 200% of m/z 174	100.0 (121.2)
96	5 to 9% of m/z 95	7.2
173	<2% of m/z 174	0.0 (0.0)
174	50 to 200% of m/z 95	82.5
175	5 to 9% of m/z 174	6.6 (7.9)
176	95 to 105% of m/z 174	81.7 (99.0)
177	5 to 10% of m/z 176	5.2 (6.4)

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88838.D\8260_W8.rslt\spectra.d
Injection Date: 13-Apr-2023 23:30:30
Spectrum: Tune Spec :Scan 544(3.89)
Base Peak: 94.95
Minimum % Base Peak: 0
Number of Points: 46

m/z	Y	m/z	Y	m/z	Y	m/z	Y
47.00	438	63.00	891	80.00	162	117.00	190
48.00	169	67.00	337	81.00	735	119.00	172
49.00	1003	68.00	2380	83.00	229	141.00	244
50.00	4873	69.00	2302	87.00	1193	143.00	169
51.00	1581	70.00	333	88.00	1248	174.00	18480
53.00	157	71.00	162	91.00	545	175.00	1467
55.00	480	73.00	933	92.00	488	176.00	18296
56.00	603	74.00	4106	93.00	761	177.00	1170
57.00	835	75.00	10468	94.00	2691	207.00	397
60.00	402	76.00	907	95.00	22392	269.00	221
61.00	1057	77.00	176	96.00	1611		
62.00	973	79.00	589	105.00	201		

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-904131/9

Matrix: Solid | Lab File ID: J89092.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 09:21

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904131 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00026	U	0.0010	0.00026
107-06-2	1,2-Dichloroethane	0.00043	U	0.0010	0.00043
78-93-3	2-Butanone (MEK)	0.0019	U	0.0050	0.0019
71-43-2	Benzene	0.00020	U	0.0010	0.00020
56-23-5	Carbon tetrachloride	0.00021	U	0.0010	0.00021
108-90-7	Chlorobenzene	0.00038	U	0.0010	0.00038
67-66-3	Chloroform	0.00033	U	0.0010	0.00033
127-18-4	Tetrachloroethene	0.00025	U	0.0010	0.00025
79-01-6	Trichloroethene	0.00031	U	0.0010	0.00031
75-01-4	Vinyl chloride	0.00017	U	0.0010	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89092.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 09:21:30 ALS Bottle#: 8 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0159333-009
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 09:36:45 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: KG2Q Date: 20-Apr-2023 09:36:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 30 TBA-d9 (IS)	65	2.380	2.384	-0.004	76	130816	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.293	3.290	0.003	86	191526	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.718	3.716	0.002	96	99906	50.0	56.2	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.047	4.045	0.002	0	113988	50.0	54.6	
* 66 Fluorobenzene	96	4.308	4.306	0.002	98	393937	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.014	5.018	-0.004	0	15727	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.017	6.015	0.002	99	331120	50.0	50.3	
* 94 Chlorobenzene-d5	117	7.969	7.973	-0.004	87	279266	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.307	9.305	0.002	96	97133	50.0	51.9	
* 121 1,4-Dichlorobenzene-d4	152	10.359	10.357	0.002	95	138528	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 09:36:46 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89092.D

Injection Date: 20-Apr-2023 09:21:30 Instrument ID: CVOAMS8 Operator ID:

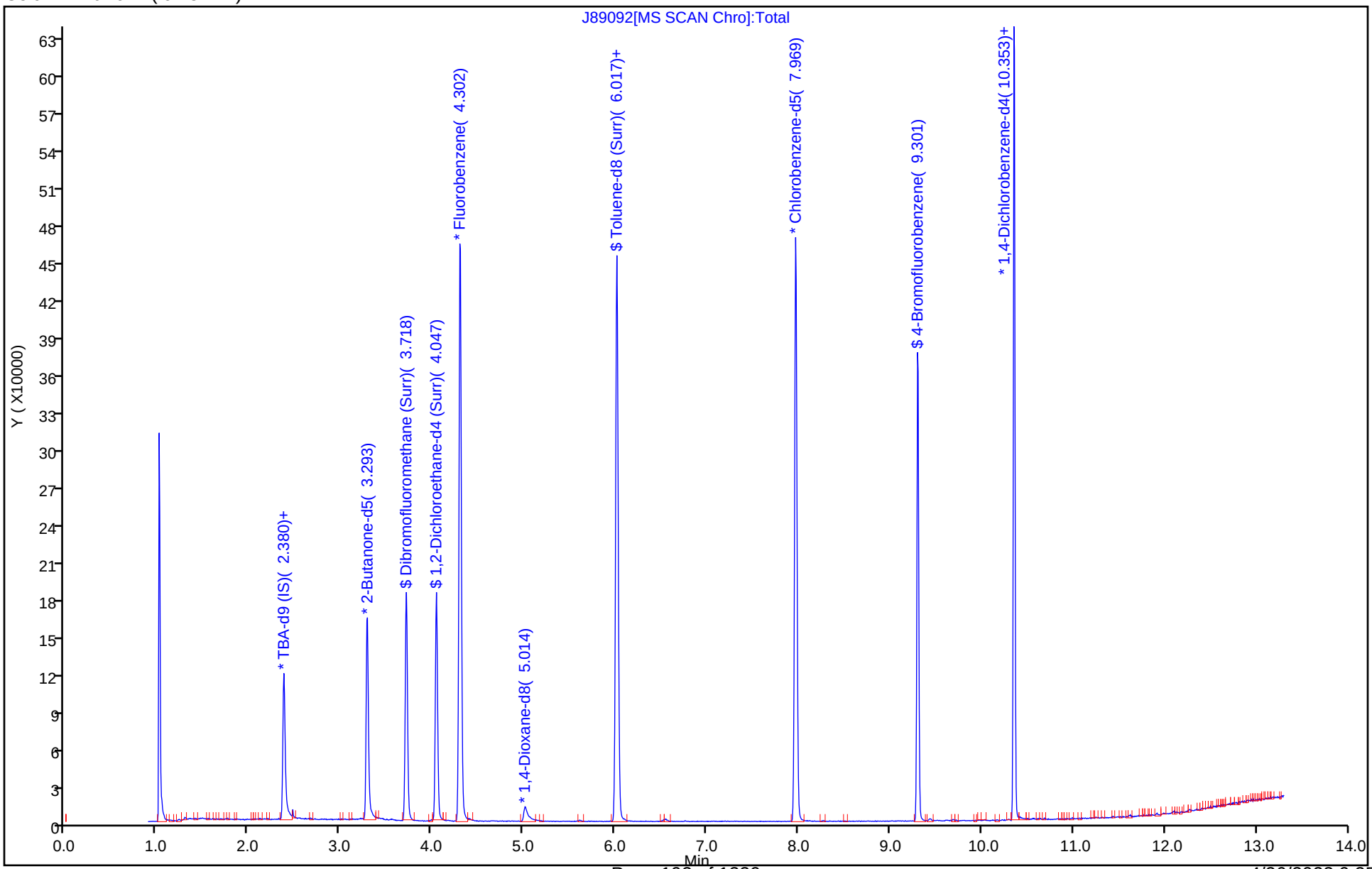
Lims ID: MB Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-904152/8

Matrix: Solid | Lab File ID: V35750.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 10:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.00026	U	0.0010	0.00026
107-06-2	1,2-Dichloroethane	0.00043	U	0.0010	0.00043
78-93-3	2-Butanone (MEK)	0.0019	U	0.0050	0.0019
71-43-2	Benzene	0.00020	U	0.0010	0.00020
56-23-5	Carbon tetrachloride	0.00021	U	0.0010	0.00021
108-90-7	Chlorobenzene	0.00038	U	0.0010	0.00038
67-66-3	Chloroform	0.00033	U	0.0010	0.00033
127-18-4	Tetrachloroethene	0.00025	U	0.0010	0.00025
79-01-6	Trichloroethene	0.00031	U	0.0010	0.00031
75-01-4	Vinyl chloride	0.00017	U	0.0010	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	96		70-128
460-00-4	4-Bromofluorobenzene	92		76-120
1868-53-7	Dibromofluoromethane (Surr)	105		77-124
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35750.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 10:08:30 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: MB
Misc. Info.: 460-0159342-008
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 11:51:58 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1673

First Level Reviewer: XE5L Date: 20-Apr-2023 11:53:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 28 TBA-d9 (IS)	66	2.523	2.523	0.000	99	34471	1000.0	1000.0	
* 42 2-Butanone-d5	46	3.448	3.449	-0.001	100	240424	250.0	250.0	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	145139	50.0	52.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	162174	50.0	48.0	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	563950	50.0	50.0	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	89	26695	1000.0	1000.0	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	618645	50.0	47.6	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	415024	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.403	9.403	0.000	0	143039	50.0	46.0	
* 106 1,4-Dichlorobenzene-d4	152	10.443	10.432	0.011	98	184347	50.0	50.0	

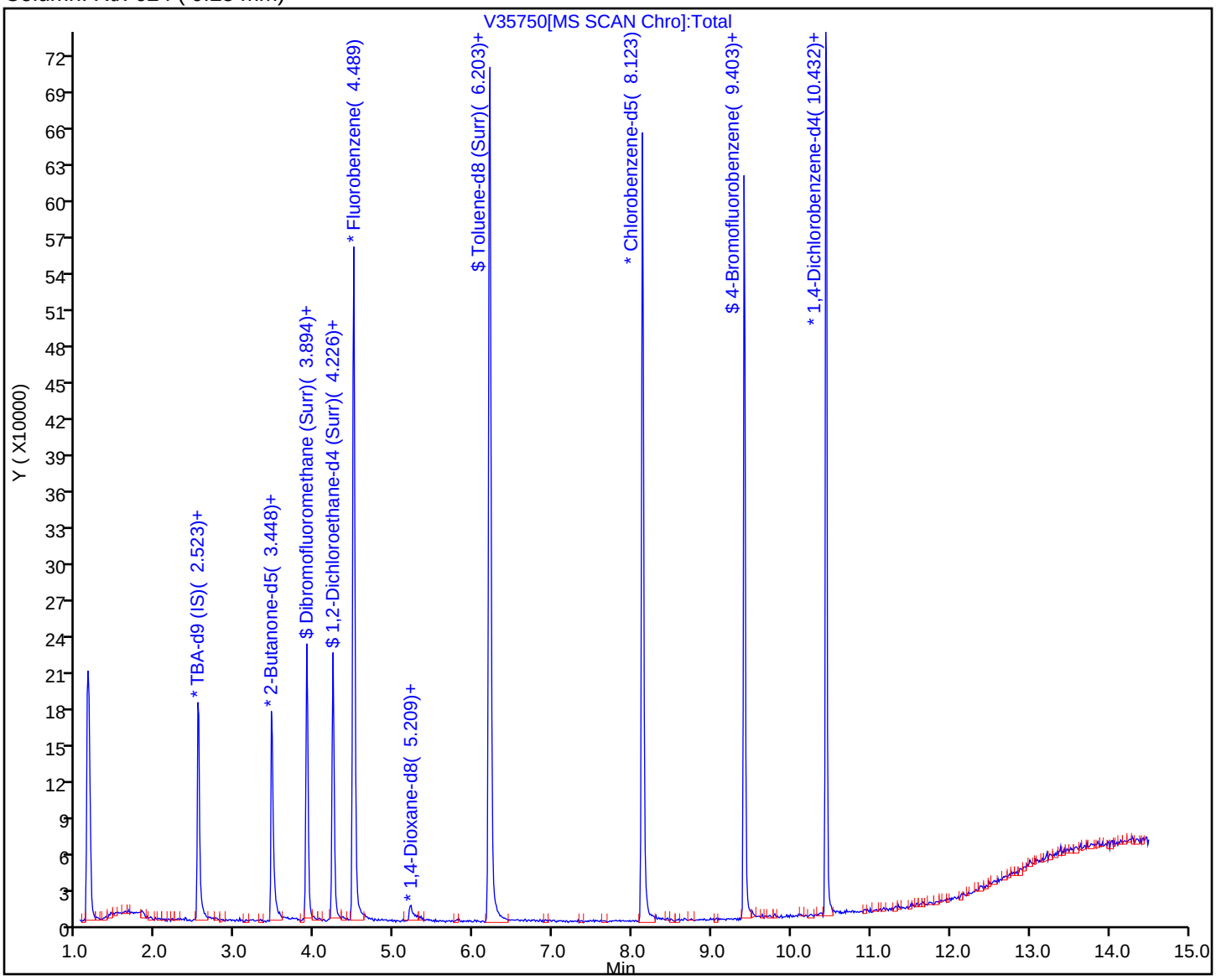
QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00237 Amount Added: 1.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 11:53:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35750.D
Injection Date: 20-Apr-2023 10:08:30 Instrument ID: CVOAMS7
Lims ID: MB
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid
Column: Rtx-624 (0.25 mm)



4/26/2023 9:25 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB 460-903903/1-A

Matrix: Solid (TCLP) | Lab File ID: J89093.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 09:46

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904131 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0026	U	0.010	0.0026
107-06-2	1,2-Dichloroethane	0.0043	U	0.010	0.0043
78-93-3	2-Butanone (MEK)	0.019	U	0.050	0.019
71-43-2	Benzene	0.0020	U	0.010	0.0020
56-23-5	Carbon tetrachloride	0.0021	U	0.010	0.0021
108-90-7	Chlorobenzene	0.0038	U	0.010	0.0038
67-66-3	Chloroform	0.0033	U	0.010	0.0033
127-18-4	Tetrachloroethene	0.0025	U	0.010	0.0025
79-01-6	Trichloroethene	0.0031	U	0.010	0.0031
75-01-4	Vinyl chloride	0.0017	U	0.010	0.0017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	104		76-120
1868-53-7	Dibromofluoromethane (Surr)	111		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89093.D
Lims ID: LB 460-903903/1-A
Client ID:
Sample Type: LB
Inject. Date: 20-Apr-2023 09:46:30 ALS Bottle#: 9 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 10.0000
Sample Info: LB 460-903903/1-A
Misc. Info.: 460-0159333-010
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 10:02:48 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: KG2Q Date: 20-Apr-2023 10:02:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
28 Methyl acetate	43	2.304	2.305	-0.001	99	7347		4.80	
* 30 TBA-d9 (IS)	65	2.383	2.384	-0.001	76	141950	1000.0	1000.0	
* 43 2-Butanone-d5	46	3.289	3.290	-0.001	86	216894	250.0	250.0	
$ 55 Dibromofluoromethane (Surr)	113	3.715	3.716	-0.001	96	99174	50.0	55.6	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.043	4.045	-0.002	0	114772	50.0	54.9	
* 66 Fluorobenzene	96	4.305	4.306	-0.001	98	395018	50.0	50.0	
* 72 1,4-Dioxane-d8	96	5.016	5.018	-0.002	0	17142	1000.0	1000.0	
$ 83 Toluene-d8 (Surr)	98	6.013	6.015	-0.002	99	333639	50.0	50.4	
* 94 Chlorobenzene-d5	117	7.972	7.973	-0.001	88	281298	50.0	50.0	
$ 105 4-Bromofluorobenzene	174	9.303	9.305	-0.002	95	97687	50.0	51.8	
* 121 1,4-Dichlorobenzene-d4	152	10.356	10.357	-0.001	96	138554	50.0	50.0	

QC Flag Legend
Processing Flags

Reagents:
8260ISNEW_00171 Amount Added: 1.00 Units: uL Run Reagent
8260SURR250_00238 Amount Added: 1.00 Units: uL Run Reagent

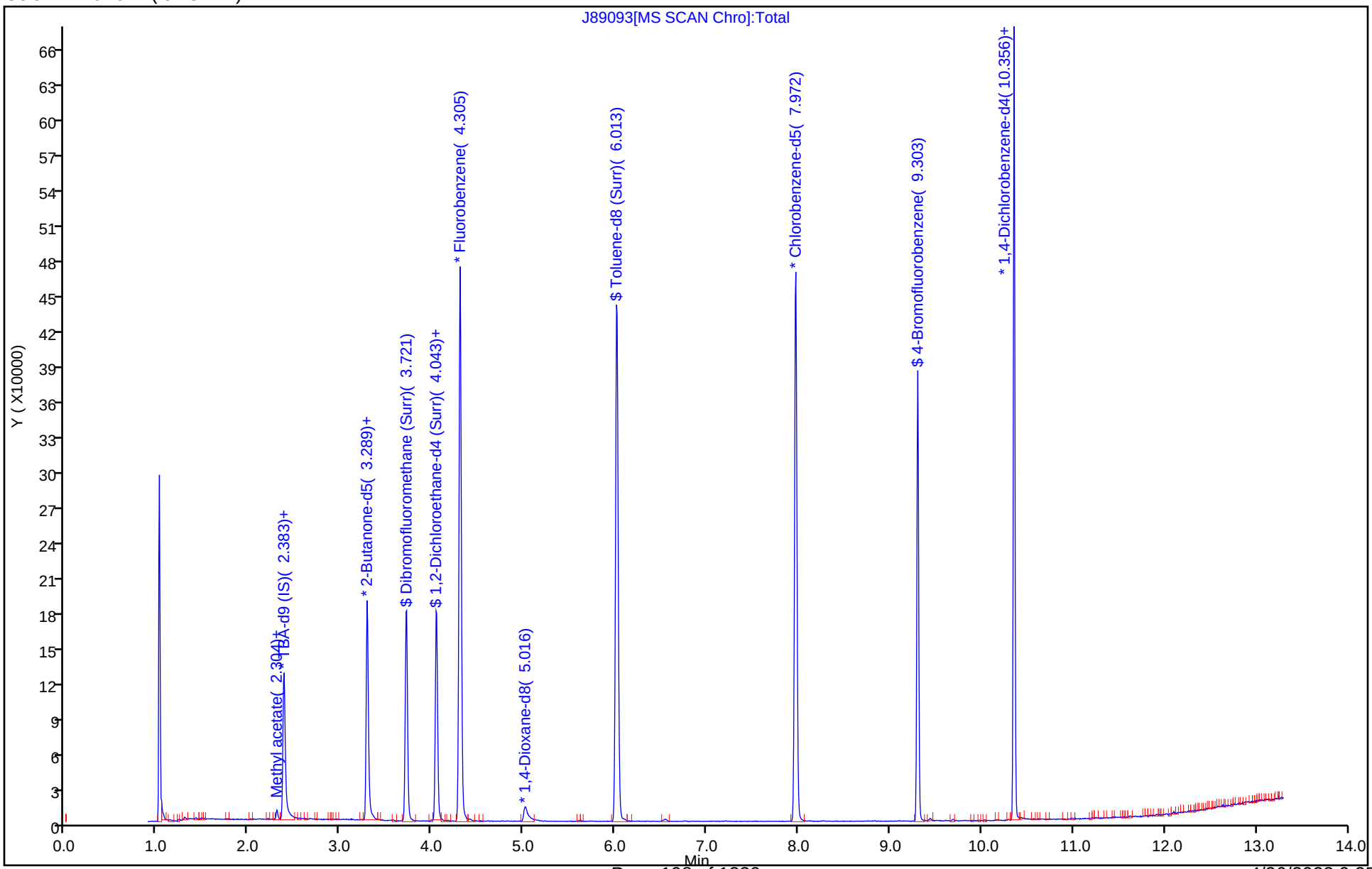
Report Date: 20-Apr-2023 10:02:48 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89093.D

Injection Date:	20-Apr-2023 09:46:30	Instrument ID:	CVOAMS8	Operator ID:	
Lims ID:	LB 460-903903/1-A			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	10.0000	ALS Bottle#:	9
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		

Column: Rtx-624 (0.25 mm)



4/26/2023 9:25 PM

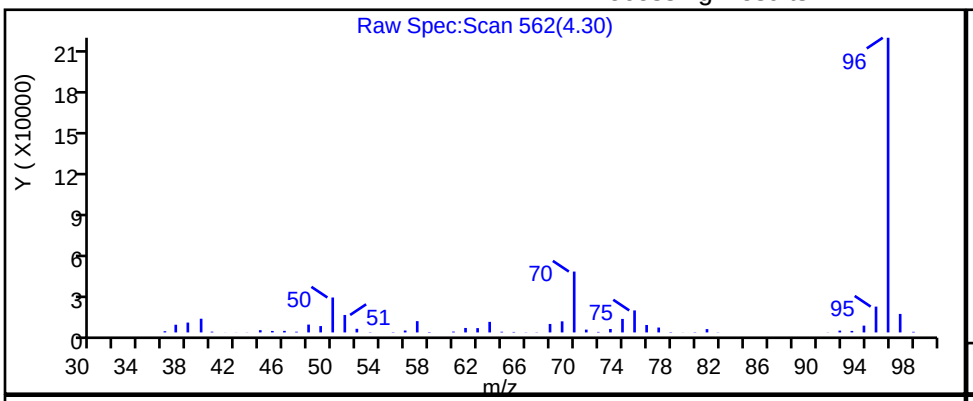
User Disabled Compound Report

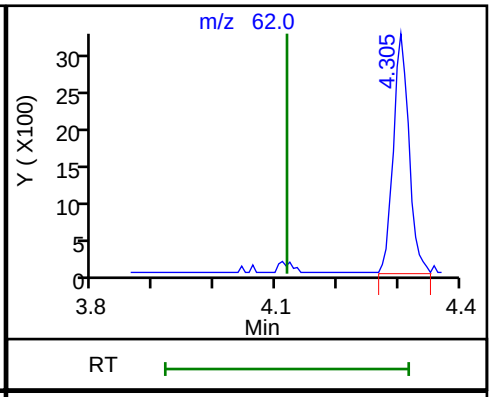
Eurofins Edison

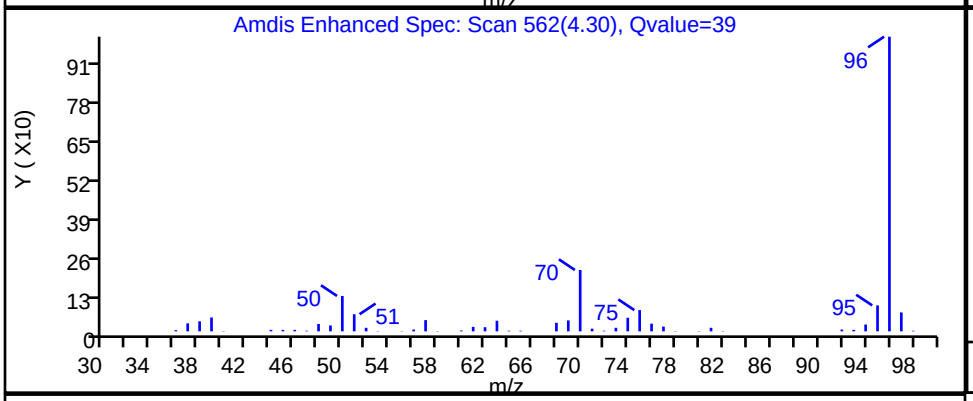
Data File:	\\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89093.D				
Injection Date:	20-Apr-2023 09:46:30	Instrument ID:	CVOAMS8		
Lims ID:	LB 460-903903/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	9	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	10.0000		
Method:	8260_W8	Limit Group:	VOA - 8260D Water and Solid		
Column:	Rtx-624 (0.25 mm)	Detector	MS SCAN		

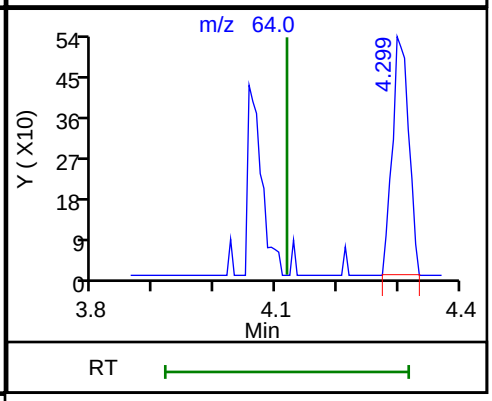
64 1,2-Dichloroethane, CAS: 107-06-2

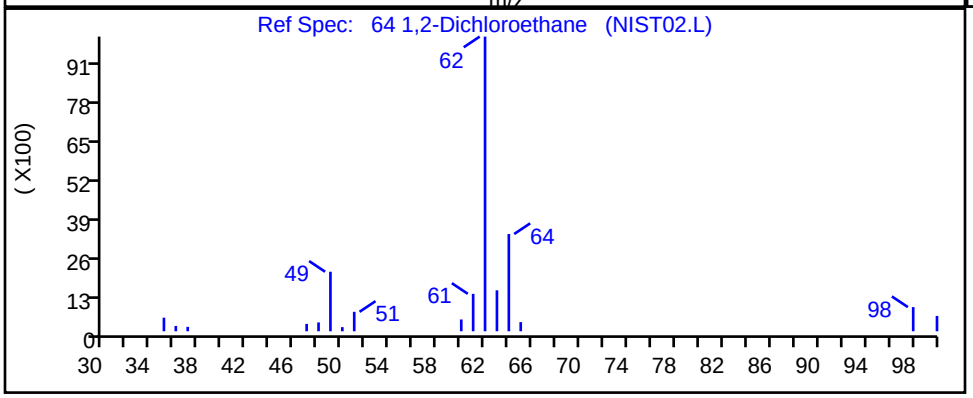
Processing Results











RT	Mass	Response	Amount
4.30	62.00	5678	1.977337
4.30	64.00	1005	

Reviewer: KG2Q, 20-Apr-2023 10:02:29

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-904131/4

Matrix: Solid | Lab File ID: J89087.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 07:15

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904131 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0222		0.0010	0.00026
107-06-2	1,2-Dichloroethane	0.0206		0.0010	0.00043
78-93-3	2-Butanone (MEK)	0.107		0.0050	0.0019
71-43-2	Benzene	0.0191		0.0010	0.00020
56-23-5	Carbon tetrachloride	0.0201		0.0010	0.00021
108-90-7	Chlorobenzene	0.0202		0.0010	0.00038
67-66-3	Chloroform	0.0214		0.0010	0.00033
127-18-4	Tetrachloroethene	0.0212		0.0010	0.00025
79-01-6	Trichloroethene	0.0200		0.0010	0.00031
75-01-4	Vinyl chloride	0.0206		0.0010	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		70-128
460-00-4	4-Bromofluorobenzene	106		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89087.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 07:15:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0159333-004
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 07:41:24 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: KG2Q Date: 20-Apr-2023 07:41:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.125	1.125	0.000	92	3703	20.0	22.5	
4 Dichlorodifluoromethane	85	1.150	1.150	0.000	99	41793	20.0	22.6	
5 Chlorodifluoromethane	67	1.168	1.168	0.000	97	6575	20.0	22.0	
6 Chloromethane	50	1.277	1.278	-0.001	99	40770	20.0	18.7	
7 Vinyl chloride	62	1.338	1.338	0.000	98	43787	20.0	20.6	
8 Butadiene	54	1.350	1.350	0.000	96	43460	20.0	19.9	
9 Bromomethane	94	1.545	1.545	0.000	99	21212	20.0	23.0	
10 Chloroethane	64	1.606	1.606	0.000	98	22256	20.0	20.6	
12 Dichlorofluoromethane	67	1.721	1.721	0.000	98	64742	20.0	20.9	
11 Trichlorofluoromethane	101	1.733	1.734	-0.001	98	59665	20.0	23.6	
13 Pentane	43	1.764	1.764	0.000	96	129434	40.0	43.9	
14 Ethanol	46	1.861	1.861	0.000	96	3240	800.0	1806.5	
15 Ethyl ether	59	1.898	1.898	0.000	94	28842	20.0	19.0	
16 2-Methyl-1,3-butadiene	53	1.916	1.916	0.000	96	37723	20.0	20.8	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.928	1.928	0.000	95	30297	20.0	23.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.971	1.971	0.000	97	56511	20.0	22.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.025	2.026	-0.001	98	38067	20.0	23.0	
19 Acrolein	56	2.031	2.032	-0.001	94	9625	40.0	46.5	
21 1,1-Dichloroethene	96	2.056	2.056	0.000	96	35720	20.0	22.2	
22 Acetone	43	2.123	2.123	0.000	85	43608	100.0	93.9	
23 Iodomethane	142	2.177	2.178	-0.001	99	41937	20.0	19.4	
25 Isopropyl alcohol	45	2.177	2.184	-0.007	51	16568	200.0	335.7	
24 Carbon disulfide	76	2.208	2.208	0.000	100	122987	20.0	20.1	
26 3-Chloro-1-propene	76	2.299	2.299	0.000	94	22398	20.0	21.0	
28 Methyl acetate	43	2.305	2.305	0.000	99	55129	40.0	39.6	
27 Cyclopentene	67	2.317	2.317	0.000	94	84759	20.0	21.1	
29 Acetonitrile	41	2.348	2.348	0.000	95	45538	200.0	255.1	a
* 30 TBA-d9 (IS)	65	2.378	2.384	-0.006	75	129143	1000.0	1000.0	
31 Methylene Chloride	84	2.396	2.396	0.000	97	38045	20.0	20.5	
32 2-Methyl-2-propanol	59	2.433	2.439	-0.006	98	24696	200.0	266.7	
33 Methyl tert-butyl ether	73	2.524	2.524	0.000	97	97199	20.0	18.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.548	2.549	-0.001	98	39578	20.0	21.1	
35 Acrylonitrile	53	2.603	2.603	0.000	93	116865	200.0	202.9	
36 Hexane	57	2.670	2.670	0.000	93	39009	20.0	20.7	
37 Isopropyl ether	45	2.840	2.840	0.000	99	137110	20.0	18.4	
38 1,1-Dichloroethane	63	2.877	2.877	0.000	99	77522	20.0	20.7	
39 Vinyl acetate	43	2.883	2.883	0.000	100	160418	40.0	42.6	
40 2-Chloro-1,3-butadiene	88	2.913	2.913	0.000	92	35383	20.0	20.5	
41 Tert-butyl ethyl ether	59	3.114	3.114	0.000	88	115449	20.0	18.4	
* 43 2-Butanone-d5	46	3.290	3.290	0.000	98	190031	250.0	250.0	
42 2,2-Dichloropropane	79	3.296	3.303	-0.007	96	20684	20.0	20.9	
44 cis-1,2-Dichloroethene	96	3.321	3.321	0.000	94	43384	20.0	20.6	
46 2-Butanone (MEK)	72	3.339	3.339	0.000	95	16050	100.0	107.2	
45 Ethyl acetate	70	3.339	3.345	-0.006	96	6976	40.0	37.1	
47 Methyl acrylate	55	3.388	3.388	0.000	100	30104	20.0	17.5	
48 Propionitrile	54	3.454	3.455	-0.001	97	42458	200.0	223.4	
50 Chlorobromomethane	128	3.527	3.528	-0.001	97	21182	20.0	21.2	
49 Tetrahydrofuran	72	3.527	3.528	-0.001	93	7811	40.0	42.4	
51 Methacrylonitrile	67	3.546	3.552	-0.006	96	146776	200.0	207.1	
52 Chloroform	83	3.570	3.570	0.000	98	74660	20.0	21.4	
53 Cyclohexane	84	3.686	3.686	0.000	97	49663	20.0	21.4	
54 1,1,1-Trichloroethane	97	3.704	3.704	0.000	98	62088	20.0	20.8	
$ 55 Dibromofluoromethane (Surr)	113	3.716	3.716	0.000	96	100072	50.0	55.8	
56 Carbon tetrachloride	117	3.813	3.813	0.000	97	52861	20.0	20.1	
57 1,1-Dichloropropene	75	3.844	3.844	0.000	95	59030	20.0	20.4	
58 Isobutyl alcohol	43	3.971	3.972	-0.001	94	52246	500.0	692.2	
59 Isooctane	57	3.996	3.996	0.000	96	87643	20.0	23.6	a
60 Benzene	78	4.026	4.026	0.000	97	161756	20.0	19.1	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.044	4.045	-0.001	0	112499	50.0	53.5	
62 Isopropyl acetate	43	4.087	4.087	0.000	95	121547	20.0	18.9	
63 Tert-amyl methyl ether	55	4.093	4.093	0.000	90	29885	20.0	21.0	
64 1,2-Dichloroethane	62	4.117	4.118	-0.001	96	59479	20.0	20.6	
65 n-Heptane	57	4.172	4.178	-0.006	97	18269	20.0	22.4	
* 66 Fluorobenzene	96	4.306	4.306	0.000	98	397441	50.0	50.0	
67 n-Butanol	56	4.634	4.634	0.000	97	15738	500.0	793.9	a
68 Trichloroethene	95	4.653	4.653	-0.001	97	43402	20.0	20.0	
69 Methylcyclohexane	83	4.768	4.768	0.000	87	47042	20.0	21.8	
70 Ethyl acrylate	55	4.780	4.780	0.000	97	90225	20.0	20.0	
71 1,2-Dichloropropane	63	4.944	4.945	-0.001	89	46427	20.0	19.5	
* 72 1,4-Dioxane-d8	96	5.011	5.018	-0.007	0	16244	1000.0	1000.0	
73 Methyl methacrylate	100	5.036	5.036	0.000	95	16640	40.0	36.6	
75 1,4-Dioxane	88	5.066	5.072	-0.006	41	5864	400.0	775.0	
74 Dibromomethane	93	5.078	5.078	0.000	96	27480	20.0	20.3	
76 n-Propyl acetate	43	5.096	5.097	-0.001	99	59277	20.0	19.0	
77 Dichlorobromomethane	83	5.236	5.236	0.000	98	54025	20.0	19.5	
78 2-Nitropropane	41	5.589	5.595	-0.006	81	13746	40.0	26.8	
79 2-Chloroethyl vinyl ether	63	5.601	5.601	0.000	90	22705	20.0	17.5	
80 Epichlorohydrin	57	5.711	5.711	0.000	99	59373	400.0	436.0	
81 cis-1,3-Dichloropropene	75	5.759	5.759	0.000	95	68255	20.0	18.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.948	5.948	0.000	99	188022	100.0	104.2	
$ 83 Toluene-d8 (Surr)	98	6.015	6.015	0.000	98	338265	50.0	50.4	
84 Toluene	91	6.100	6.100	0.000	93	161835	20.0	19.3	
85 trans-1,3-Dichloropropene	75	6.501	6.501	0.000	97	59585	20.0	18.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.544	6.544	0.000	95	44064	20.0	18.1	
87 1,1,2-Trichloroethane	83	6.732	6.732	0.000	96	31813	20.0	19.5	
88 Tetrachloroethene	166	6.763	6.763	0.000	97	42639	20.0	21.2	
89 1,3-Dichloropropane	76	6.957	6.964	-0.007	98	58840	20.0	19.5	
90 2-Hexanone	58	7.055	7.055	0.000	99	59492	100.0	102.9	
91 n-Butyl acetate	43	7.201	7.195	0.006	97	62838	20.0	18.5	
92 Chlorodibromomethane	129	7.213	7.213	0.000	98	37228	20.0	18.5	
93 Ethylene Dibromide	107	7.377	7.377	0.000	99	36022	20.0	19.6	
* 94 Chlorobenzene-d5	117	7.973	7.973	0.000	87	284835	50.0	50.0	
95 Chlorobenzene	112	8.009	8.010	-0.001	95	100417	20.0	20.2	
96 Ethylbenzene	106	8.119	8.113	0.006	99	51231	20.0	19.6	
97 1,1,1,2-Tetrachloroethane	131	8.131	8.131	0.000	94	35676	20.0	19.6	
98 m-Xylene & p-Xylene	106	8.265	8.271	-0.006	0	60827	20.0	19.0	
99 o-Xylene	106	8.721	8.721	0.000	93	60786	20.0	19.5	
100 n-Butyl acrylate	73	8.739	8.739	0.000	95	26522	20.0	17.7	
101 Styrene	104	8.757	8.758	-0.001	94	99685	20.0	19.4	
103 Bromoform	173	8.970	8.970	0.000	97	21222	20.0	17.1	
102 Amyl acetate (mixed isomers)	43	8.988	8.989	-0.001	87	68851	20.0	18.6	
104 Isopropylbenzene	105	9.104	9.104	0.000	96	136601	20.0	20.0	
$ 105 4-Bromofluorobenzene	174	9.305	9.305	0.000	96	101638	50.0	53.2	
106 Bromobenzene	156	9.426	9.427	0.000	95	42850	20.0	19.9	
107 1,1,2,2-Tetrachloroethane	83	9.499	9.499	0.000	98	39072	20.0	18.8	
108 N-Propylbenzene	91	9.511	9.512	-0.001	99	154549	20.0	19.4	
109 1,2,3-Trichloropropane	110	9.536	9.536	0.000	97	9354	20.0	18.7	
110 trans-1,4-Dichloro-2-butene	53	9.566	9.560	0.006	88	10517	20.0	16.3	
111 2-Chlorotoluene	91	9.609	9.609	0.000	98	113924	20.0	19.7	
112 4-Ethyltoluene	105	9.627	9.627	0.000	98	129742	20.0	19.7	
113 1,3,5-Trimethylbenzene	105	9.694	9.694	0.000	92	107621	20.0	19.3	
114 4-Chlorotoluene	91	9.724	9.724	0.000	98	112374	20.0	20.2	
115 Butyl Methacrylate	87	9.809	9.810	-0.001	97	41656	20.0	17.7	
116 tert-Butylbenzene	119	9.974	9.974	0.000	93	83985	20.0	20.1	
117 1,2,4-Trimethylbenzene	105	10.034	10.029	0.005	98	110390	20.0	18.8	
118 sec-Butylbenzene	105	10.168	10.168	0.000	99	116671	20.0	20.6	
120 1,3-Dichlorobenzene	146	10.290	10.290	0.000	96	68168	20.0	19.9	
119 4-Isopropyltoluene	119	10.302	10.302	0.000	97	95832	20.0	19.8	
* 121 1,4-Dichlorobenzene-d4	152	10.357	10.357	0.000	95	143256	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.375	10.375	0.000	97	71496	20.0	19.9	
123 1,2,3-Trimethylbenzene	105	10.399	10.400	-0.001	99	119174	20.0	19.4	
124 Benzyl chloride	91	10.509	10.509	0.000	98	63068	20.0	16.6	
125 2,3-Dihydroindene	117	10.557	10.558	-0.001	94	115435	20.0	18.9	
126 p-Diethylbenzene	119	10.618	10.618	0.000	93	58163	20.0	20.5	
127 n-Butylbenzene	92	10.643	10.643	0.000	98	48670	20.0	21.1	
128 1,2-Dichlorobenzene	146	10.685	10.685	0.000	96	66036	20.0	19.8	
129 1,2,4,5-Tetramethylbenzene	119	11.245	11.245	0.000	97	93040	20.0	19.7	
130 1,2-Dibromo-3-Chloropropane	157	11.330	11.330	0.000	96	7124	20.0	17.7	
131 1,3,5-Trichlorobenzene	180	11.439	11.439	0.000	98	43539	20.0	21.3	
132 1,2,4-Trichlorobenzene	180	11.914	11.914	0.000	93	40413	20.0	20.9	
133 Hexachlorobutadiene	225	11.999	11.999	0.000	96	15653	20.0	24.0	
134 Naphthalene	128	12.096	12.096	0.000	99	102783	20.0	19.2	
135 1,2,3-Trichlorobenzene	180	12.272	12.273	-0.001	95	37217	20.0	21.3	
S 136 1,2-Dichloroethene, Total	100				0		40.0	41.7	
S 137 Xylenes, Total	100				0		40.0	38.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	96.5	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00151	Amount Added:	4.00	Units: uL	
GASES Li_00525	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 07:41:24 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89087.D

Injection Date: 20-Apr-2023 07:15:30 Instrument ID: CVOAMS8 Operator ID:

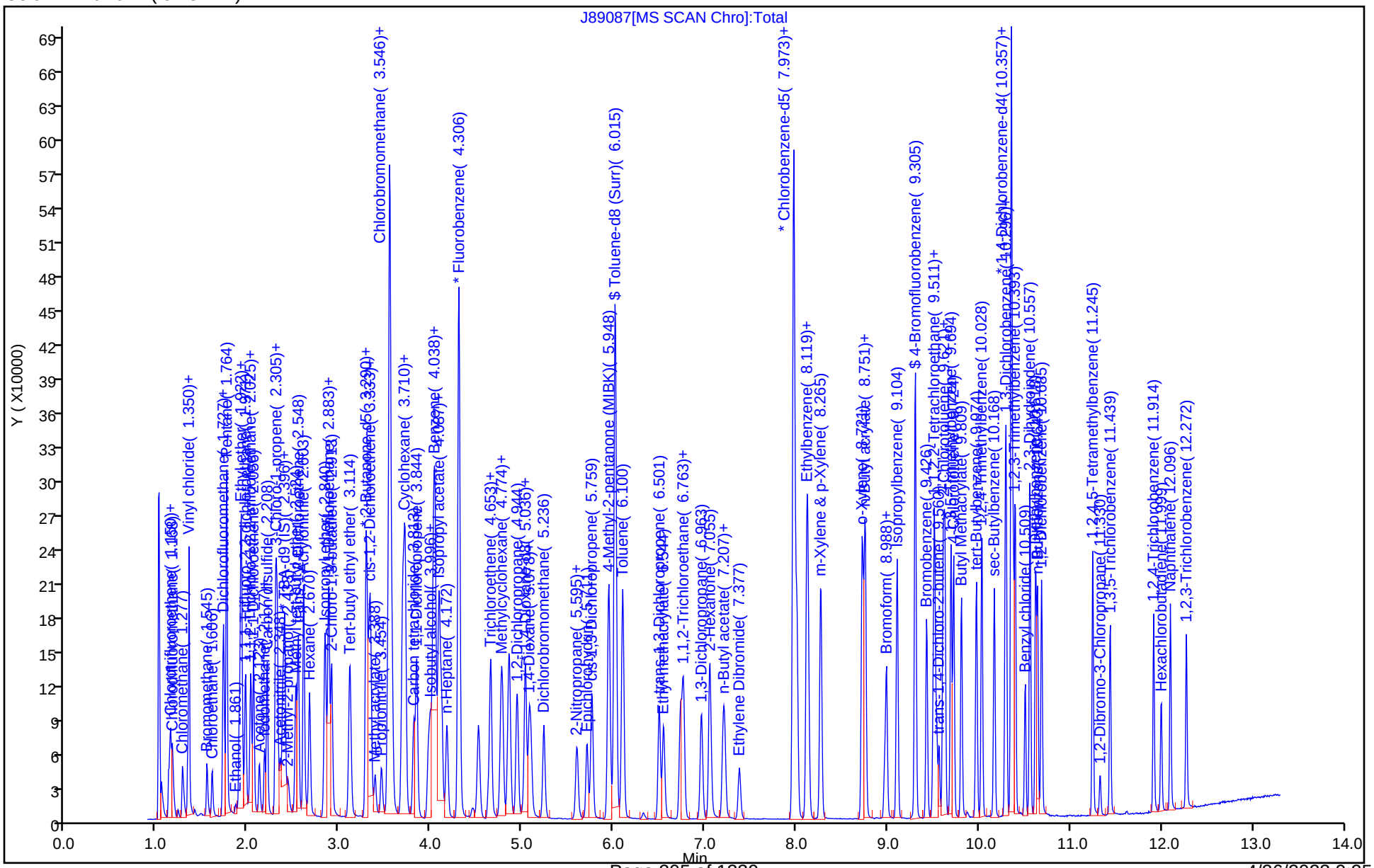
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-904152/4

Matrix: Solid | Lab File ID: V35746.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 08:44

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0216		0.0010	0.00026
107-06-2	1,2-Dichloroethane	0.0204		0.0010	0.00043
78-93-3	2-Butanone (MEK)	0.0958		0.0050	0.0019
71-43-2	Benzene	0.0229		0.0010	0.00020
56-23-5	Carbon tetrachloride	0.0201		0.0010	0.00021
108-90-7	Chlorobenzene	0.0217		0.0010	0.00038
67-66-3	Chloroform	0.0206		0.0010	0.00033
127-18-4	Tetrachloroethene	0.0193		0.0010	0.00025
79-01-6	Trichloroethene	0.0209		0.0010	0.00031
75-01-4	Vinyl chloride	0.0222		0.0010	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	96		76-120
1868-53-7	Dibromofluoromethane (Surr)	100		77-124
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35746.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 08:44:30 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCS
Misc. Info.: 460-0159342-004
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 11:51:58 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1673

First Level Reviewer: XE5L Date: 20-Apr-2023 11:52:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.174	1.197	-0.023	72	6153	20.0	29.8	
3 Chlorotrifluoroethene	116	1.254	1.243	0.011	86	42666	20.0	27.3	
4 1,1-Difluoroethane	65	1.265	1.265	0.000	93	61750	20.0	24.0	
5 Dichlorodifluoromethane	85	1.277	1.265	0.012	98	135564	20.0	19.1	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	23739	20.0	20.2	
6 Chloromethane	50	1.414	1.403	0.011	99	131055	20.0	22.5	
7 Vinyl chloride	62	1.460	1.460	0.000	97	147225	20.0	22.2	
8 Butadiene	54	1.483	1.483	0.000	97	149035	20.0	24.4	
9 Bromomethane	94	1.677	1.677	0.000	99	60594	20.0	24.8	
10 Chloroethane	64	1.745	1.734	0.011	99	97161	20.0	24.4	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	216708	20.0	22.7	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	97	164605	20.0	20.8	
13 Pentane	72	1.905	1.906	-0.001	95	58219	40.0	46.3	
17 Ethanol	46	2.008	2.008	0.000	97	20612	800.0	955.8	
14 Ethyl ether	74	2.043	2.043	0.000	95	75996	20.0	21.6	
15 2-Methyl-1,3-butadiene	53	2.066	2.066	0.000	96	124516	20.0	22.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.077	2.066	0.011	87	92375	20.0	20.7	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	179185	20.0	23.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	93	115643	20.0	21.7	
52 Acrolein	56	2.180	2.180	0.000	94	39218	40.0	45.8	
20 1,1-Dichloroethene	96	2.214	2.203	0.011	96	114077	20.0	21.6	
23 Acetone	43	2.271	2.271	0.000	86	166910	100.0	91.0	
21 Iodomethane	142	2.340	2.328	0.012	98	89696	20.0	21.0	
24 Isopropyl alcohol	45	2.328	2.328	0.000	76	66673	200.0	246.4	
22 Carbon disulfide	76	2.363	2.363	0.000	99	395854	20.0	23.7	
30 Methyl acetate	43	2.454	2.454	0.000	96	192034	40.0	42.0	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	92	85156	20.0	22.1	
25 Cyclopentene	67	2.477	2.477	0.000	97	311001	20.0	23.4	
27 Acetonitrile	41	2.500	2.500	0.000	95	181404	200.0	240.3	Ma
* 28 TBA-d9 (IS)	66	2.534	2.523	0.011	99	40235	1000.0	1000.0	
29 Methylene Chloride	84	2.557	2.557	0.000	94	125307	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.591	2.591	0.000	99	102439	200.0	206.4	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	340137	20.0	19.6	
33 trans-1,2-Dichloroethene	96	2.717	2.706	0.011	97	122682	20.0	21.3	
35 Acrylonitrile	53	2.763	2.763	0.000	95	508815	200.0	231.4	
36 Hexane	57	2.831	2.831	0.000	93	185844	20.0	24.6	
37 Isopropyl ether	45	2.991	2.991	0.000	97	385910	20.0	23.5	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	100	247072	20.0	23.3	
40 Vinyl acetate	86	3.048	3.037	0.011	100	44561	40.0	42.8	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	91	118682	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	89	372931	20.0	21.8	
* 42 2-Butanone-d5	46	3.448	3.449	-0.001	97	297278	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	96	44979	20.0	19.7	
45 cis-1,2-Dichloroethene	96	3.494	3.494	0.000	93	136025	20.0	21.0	
44 2-Butanone (MEK)	72	3.506	3.494	0.012	96	67239	100.0	95.8	
47 Ethyl acetate	70	3.506	3.506	0.000	94	28056	40.0	40.5	
46 Methyl acrylate	55	3.563	3.563	0.000	99	90846	20.0	19.1	
48 Propionitrile	54	3.620	3.620	0.000	98	187439	200.0	225.7	
50 Tetrahydrofuran	72	3.711	3.700	0.011	78	31453	40.0	36.1	
49 Chlorobromomethane	128	3.700	3.700	0.000	97	54003	20.0	19.9	
54 Methacrylonitrile	67	3.711	3.711	0.000	93	548550	200.0	209.6	
51 Chloroform	83	3.757	3.746	0.011	98	213291	20.0	20.6	
53 Cyclohexane	84	3.871	3.871	0.000	92	213994	20.0	22.9	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	179437	20.0	20.7	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	148995	50.0	50.1	
57 Carbon tetrachloride	117	3.997	3.997	0.000	97	133449	20.0	20.1	
58 1,1-Dichloropropene	75	4.020	4.020	0.000	96	186861	20.0	22.7	
61 Isobutyl alcohol	43	4.146	4.146	0.000	93	181820	500.0	663.4	a
64 Isooctane	57	4.169	4.169	0.000	99	360385	20.0	25.2	
59 Benzene	78	4.203	4.203	0.000	97	537321	20.0	22.9	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	185193	50.0	50.8	
66 Isopropyl acetate	87	4.260	4.260	0.000	95	101849	20.0	19.2	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	90	344924	20.0	19.7	
63 1,2-Dichloroethane	62	4.294	4.294	0.000	97	169069	20.0	20.4	
65 n-Heptane	57	4.351	4.352	-0.001	93	80264	20.0	25.4	
* 67 Fluorobenzene	96	4.489	4.489	0.000	98	608780	50.0	50.0	
70 n-Butanol	56	4.831	4.832	-0.001	86	42213	500.0	362.1	
69 Trichloroethene	95	4.843	4.843	0.000	95	125210	20.0	20.9	
71 Ethyl acrylate	99	4.957	4.957	0.000	94	16520	20.0	19.0	
72 Methylcyclohexane	83	4.957	4.957	0.000	85	214055	20.0	22.8	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	91	125454	20.0	22.4	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	45	32390	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	90	59918	40.0	37.8	
78 1,4-Dioxane	88	5.254	5.254	0.000	28	30703	400.0	420.9	M
77 n-Propyl acetate	43	5.266	5.266	0.000	99	159190	20.0	20.4	
75 Dibromomethane	93	5.266	5.266	0.000	58	66064	20.0	18.6	
76 Dichlorobromomethane	83	5.426	5.426	0.000	98	152016	20.0	20.7	
34 2-Nitropropane	41	5.757	5.757	0.000	95	59844	40.0	37.2	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	97	69229	20.0	20.7	
80 Epichlorohydrin	57	5.883	5.883	0.000	99	269807	400.0	431.9	
81 cis-1,3-Dichloropropene	75	5.952	5.952	0.000	93	207376	20.0	22.5	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	97	517048	100.0	109.1	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	711514	50.0	53.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.283	6.283	0.000	93	535073	20.0	21.7	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	97	178602	20.0	22.4	
86 Ethyl methacrylate	69	6.717	6.717	0.000	90	132097	20.0	19.2	
87 1,1,2-Trichloroethane	83	6.912	6.912	0.000	93	90205	20.0	21.3	
88 Tetrachloroethene	166	6.957	6.957	0.000	91	94064	20.0	19.3	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	94	192593	20.0	22.8	
91 2-Hexanone	43	7.220	7.220	0.000	96	311764	100.0	105.3	
92 n-Butyl acetate	43	7.369	7.369	0.000	99	155139	20.0	19.2	
90 Chlorodibromomethane	129	7.403	7.403	0.000	98	90225	20.0	20.9	
93 Ethylene Dibromide	107	7.563	7.563	0.000	99	99790	20.0	20.7	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	88	424812	50.0	50.0	
95 Chlorobenzene	112	8.158	8.158	0.000	92	301273	20.0	21.7	
97 Ethylbenzene	106	8.260	8.249	0.011	99	169156	20.0	21.2	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	93	89780	20.0	21.3	
98 m-Xylene & p-Xylene	106	8.398	8.398	0.000	97	214376	20.0	22.2	
100 o-Xylene	106	8.832	8.832	0.000	93	207455	20.0	22.1	
99 n-Butyl acrylate	73	8.843	8.843	0.000	98	71294	20.0	19.2	
101 Styrene	104	8.866	8.866	0.000	95	322404	20.0	21.6	
103 Bromoform	173	9.083	9.083	0.000	57	47222	20.0	20.0	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	91	169901	20.0	19.1	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	508906	20.0	21.7	
$ 105 4-Bromofluorobenzene	174	9.403	9.403	0.000	0	153381	50.0	48.1	
107 Bromobenzene	156	9.529	9.529	0.000	93	101935	20.0	21.3	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	99	130364	20.0	21.6	
109 N-Propylbenzene	91	9.609	9.609	0.000	98	639263	20.0	23.7	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	97	34266	20.0	18.5	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	88	32616	20.0	18.0	
114 2-Chlorotoluene	91	9.701	9.701	0.000	96	428695	20.0	23.4	
113 4-Ethyltoluene	105	9.712	9.712	0.000	98	504333	20.0	23.2	
116 1,3,5-Trimethylbenzene	105	9.781	9.781	0.000	92	405231	20.0	22.6	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	391483	20.0	22.4	
117 Butyl Methacrylate	87	9.883	9.883	0.000	93	112681	20.0	19.4	
118 tert-Butylbenzene	119	10.055	10.055	0.000	93	329176	20.0	22.3	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	423038	20.0	22.6	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	503986	20.0	23.4	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	391000	20.0	22.8	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	75	193979	20.0	22.6	
* 106 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	97	184944	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	92	199199	20.0	21.4	
123 1,2,3-Trimethylbenzene	105	10.466	10.466	0.000	99	427749	20.0	22.7	
125 Benzyl chloride	91	10.581	10.581	0.000	98	214829	20.0	17.5	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	94	398690	20.0	22.5	
126 p-Diethylbenzene	119	10.684	10.684	0.000	91	230281	20.0	22.6	
127 n-Butylbenzene	92	10.706	10.706	0.000	98	214031	20.0	23.7	
128 1,2-Dichlorobenzene	146	10.764	10.764	0.000	93	181169	20.0	21.4	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	304982	20.0	20.8	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	92	18826	20.0	17.0	
132 1,3,5-Trichlorobenzene	180	11.506	11.507	0.000	95	106517	20.0	21.0	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	94	89595	20.0	19.9	
133 Hexachlorobutadiene	225	12.044	12.044	0.000	88	33724	20.0	20.5	
134 Naphthalene	128	12.147	12.147	-0.001	99	286407	20.0	19.4	
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	94	80930	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	42.3	
S 137 Xylenes, Total	100				0		40.0	44.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	44.9	
S 139 Total BTEX	1				0		100.0	110.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added: 20.00	Units: uL		
524freon_00067	Amount Added: 20.00	Units: uL		
ACROLEIN W_00151	Amount Added: 4.00	Units: uL		
GASES Li_00525	Amount Added: 20.00	Units: uL		
8260ISNEW_00171	Amount Added: 1.00	Units: uL	Run Reagent	
8260SURR250_00237	Amount Added: 1.00	Units: uL	Run Reagent	

Report Date: 20-Apr-2023 11:52:14 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35746.D

Injection Date: 20-Apr-2023 08:44:30 Instrument ID: CVOAMS7

Lims ID: LCS

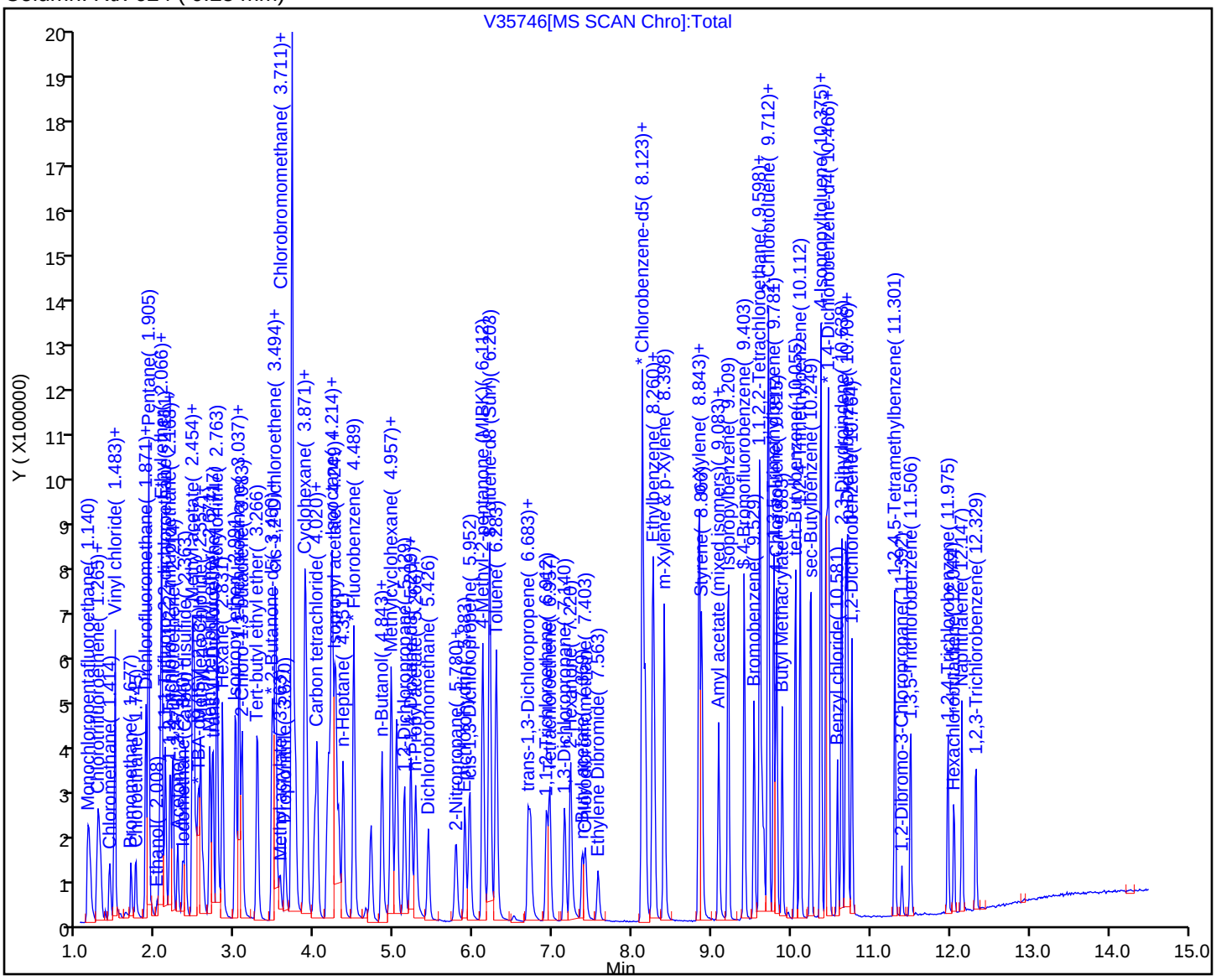
Client ID:

Operator ID: ALS Bottle#: 53 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-904131/5

Matrix: Solid | Lab File ID: J89088.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 07:40

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904131 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0227		0.0010	0.00026
107-06-2	1,2-Dichloroethane	0.0217		0.0010	0.00043
78-93-3	2-Butanone (MEK)	0.110		0.0050	0.0019
71-43-2	Benzene	0.0199		0.0010	0.00020
56-23-5	Carbon tetrachloride	0.0210		0.0010	0.00021
108-90-7	Chlorobenzene	0.0203		0.0010	0.00038
67-66-3	Chloroform	0.0233		0.0010	0.00033
127-18-4	Tetrachloroethene	0.0214		0.0010	0.00025
79-01-6	Trichloroethene	0.0210		0.0010	0.00031
75-01-4	Vinyl chloride	0.0216		0.0010	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		70-128
460-00-4	4-Bromofluorobenzene	105		76-120
1868-53-7	Dibromofluoromethane (Surr)	112		77-124
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89088.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 07:40:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0159333-005
Operator ID: Instrument ID: CVOAMS8

Method: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\8260_W8.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 08:05:55 Calib Date: 14-Apr-2023 03:09:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS8\20230413-159076.b\J88846.D

Column 1 : Rtx-624 (0.25 mm) Det: MS SCAN
Process Host: CTX1646

First Level Reviewer: KG2Q Date: 20-Apr-2023 08:05:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Chlorotrifluoroethene	118	1.125	1.125	0.000	94	3690	20.0	22.5	
4 Dichlorodifluoromethane	85	1.149	1.150	-0.001	99	42069	20.0	22.9	
5 Chlorodifluoromethane	67	1.167	1.168	-0.001	97	6627	20.0	22.2	
6 Chloromethane	50	1.277	1.278	-0.001	99	42961	20.0	19.8	
7 Vinyl chloride	62	1.338	1.338	0.000	98	45651	20.0	21.6	
8 Butadiene	54	1.350	1.350	0.000	95	45816	20.0	21.1	
9 Bromomethane	94	1.544	1.545	-0.001	99	22107	20.0	24.1	
10 Chloroethane	64	1.605	1.606	-0.001	97	23358	20.0	21.8	
12 Dichlorofluoromethane	67	1.721	1.721	0.000	99	67332	20.0	21.9	
11 Trichlorofluoromethane	101	1.733	1.734	-0.001	98	60740	20.0	24.1	
13 Pentane	43	1.763	1.764	-0.001	96	131888	40.0	44.9	
14 Ethanol	46	1.861	1.861	0.000	98	3497	800.0	1903.8	
15 Ethyl ether	59	1.903	1.898	0.005	94	30938	20.0	20.4	
16 2-Methyl-1,3-butadiene	53	1.915	1.916	-0.001	97	38389	20.0	21.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	117	1.928	1.928	0.000	95	30227	20.0	23.5	
18 1,1,1-Trifluoro-2,2-dichloroetha	83	1.970	1.971	-0.001	97	57480	20.0	22.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.025	2.026	-0.001	98	38752	20.0	23.5	
19 Acrolein	56	2.031	2.032	-0.001	94	9272	40.0	43.7	
21 1,1-Dichloroethene	96	2.055	2.056	-0.001	97	36352	20.0	22.7	
22 Acetone	43	2.122	2.123	-0.001	84	46395	100.0	90.0	
23 Iodomethane	142	2.177	2.178	-0.001	98	43475	20.0	20.2	
25 Isopropyl alcohol	45	2.177	2.184	-0.007	99	17453	200.0	345.4	
24 Carbon disulfide	76	2.207	2.208	-0.001	100	125367	20.0	20.6	
26 3-Chloro-1-propene	76	2.299	2.299	0.000	94	23501	20.0	22.1	
28 Methyl acetate	43	2.305	2.305	0.000	99	58929	40.0	41.3	
27 Cyclopentene	67	2.317	2.317	0.000	94	86389	20.0	21.6	
29 Acetonitrile	41	2.347	2.348	-0.001	98	48020	200.0	262.6	a
* 30 TBA-d9 (IS)	65	2.384	2.384	0.000	79	132259	1000.0	1000.0	
31 Methylene Chloride	84	2.396	2.396	0.000	97	40414	20.0	21.9	
32 2-Methyl-2-propanol	59	2.438	2.439	-0.001	99	26859	200.0	283.2	
33 Methyl tert-butyl ether	73	2.524	2.524	0.000	97	104888	20.0	20.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
34 trans-1,2-Dichloroethene	96	2.548	2.549	-0.001	97	41012	20.0	22.0	
35 Acrylonitrile	53	2.609	2.603	0.006	93	124216	200.0	210.6	
36 Hexane	57	2.669	2.670	-0.001	92	41552	20.0	22.2	
37 Isopropyl ether	45	2.840	2.840	0.000	97	144631	20.0	19.5	
38 1,1-Dichloroethane	63	2.876	2.877	-0.001	99	80310	20.0	21.5	
39 Vinyl acetate	43	2.882	2.883	-0.001	100	160263	40.0	42.8	
40 2-Chloro-1,3-butadiene	88	2.913	2.913	0.000	92	36288	20.0	21.1	
41 Tert-butyl ethyl ether	59	3.113	3.114	-0.001	88	123604	20.0	19.8	
* 43 2-Butanone-d5	46	3.290	3.290	0.000	98	211084	250.0	250.0	
42 2,2-Dichloropropane	79	3.296	3.303	-0.007	96	20672	20.0	21.0	
44 cis-1,2-Dichloroethene	96	3.326	3.321	0.005	93	45728	20.0	21.8	
46 2-Butanone (MEK)	72	3.338	3.339	-0.001	95	18339	100.0	110.3	
45 Ethyl acetate	70	3.338	3.345	-0.007	96	7779	40.0	37.3	
47 Methyl acrylate	55	3.387	3.388	-0.001	99	35622	20.0	20.8	
48 Propionitrile	54	3.460	3.455	0.005	97	50439	200.0	259.1	
50 Chlorobromomethane	128	3.527	3.528	-0.001	94	23255	20.0	23.4	
49 Tetrahydrofuran	72	3.533	3.528	0.005	57	8210	40.0	40.1	
51 Methacrylonitrile	67	3.551	3.552	-0.001	96	163575	200.0	231.9	
52 Chloroform	83	3.576	3.570	0.006	98	80706	20.0	23.3	
53 Cyclohexane	84	3.685	3.686	-0.001	97	52377	20.0	22.7	
54 1,1,1-Trichloroethane	97	3.703	3.704	-0.001	98	65739	20.0	22.1	
$ 55 Dibromofluoromethane (Surr)	113	3.715	3.716	-0.001	96	100469	50.0	56.2	
56 Carbon tetrachloride	117	3.813	3.813	0.000	98	55015	20.0	21.0	
57 1,1-Dichloropropene	75	3.843	3.844	-0.001	96	62670	20.0	21.8	
58 Isobutyl alcohol	43	3.971	3.972	-0.001	94	60500	500.0	782.7	
59 Isooctane	57	3.995	3.996	-0.001	98	92319	20.0	24.9	
60 Benzene	78	4.026	4.026	0.000	98	171559	20.0	19.9	
$ 61 1,2-Dichloroethane-d4 (Surr)	65	4.044	4.045	-0.001	0	115667	50.0	55.2	
62 Isopropyl acetate	43	4.086	4.087	-0.001	95	132133	20.0	20.6	
63 Tert-amyl methyl ether	55	4.086	4.093	-0.007	91	33142	20.0	23.4	
64 1,2-Dichloroethane	62	4.117	4.118	-0.001	97	62387	20.0	21.7	
65 n-Heptane	57	4.172	4.178	-0.006	98	19254	20.0	23.7	
* 66 Fluorobenzene	96	4.305	4.306	-0.001	98	395592	50.0	50.0	
67 n-Butanol	56	4.634	4.634	0.000	96	17820	500.0	876.5	
68 Trichloroethene	95	4.652	4.653	-0.001	97	45424	20.0	21.0	
69 Methylcyclohexane	83	4.774	4.768	0.006	87	48611	20.0	22.6	
70 Ethyl acrylate	55	4.780	4.780	0.000	97	95009	20.0	21.1	
71 1,2-Dichloropropane	63	4.944	4.945	-0.001	89	50175	20.0	21.1	
* 72 1,4-Dioxane-d8	96	5.011	5.018	-0.007	0	16813	1000.0	1000.0	
73 Methyl methacrylate	100	5.035	5.036	-0.001	95	18245	40.0	40.3	
75 1,4-Dioxane	88	5.078	5.072	0.006	34	6827	400.0	871.7	
74 Dibromomethane	93	5.078	5.078	0.000	97	29048	20.0	21.6	
76 n-Propyl acetate	43	5.096	5.097	-0.001	98	66205	20.0	21.3	
77 Dichlorobromomethane	83	5.236	5.236	0.000	99	56656	20.0	20.5	
78 2-Nitropropane	41	5.595	5.595	0.000	77	14706	40.0	28.0	
79 2-Chloroethyl vinyl ether	63	5.601	5.601	0.000	88	24533	20.0	19.0	
80 Epichlorohydrin	57	5.710	5.711	-0.001	99	63004	400.0	416.5	
81 cis-1,3-Dichloropropene	75	5.759	5.759	0.000	95	73139	20.0	19.4	
82 4-Methyl-2-pentanone (MIBK)	43	5.947	5.948	-0.001	98	206866	100.0	103.2	
$ 83 Toluene-d8 (Surr)	98	6.014	6.015	-0.001	98	337650	50.0	49.5	
84 Toluene	91	6.099	6.100	-0.001	93	171455	20.0	20.1	
85 trans-1,3-Dichloropropene	75	6.501	6.501	0.000	97	63411	20.0	19.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
86 Ethyl methacrylate	69	6.549	6.544	0.005	96	47422	20.0	19.6	
87 1,1,2-Trichloroethane	83	6.732	6.732	0.000	95	33155	20.0	20.0	
88 Tetrachloroethene	166	6.762	6.763	-0.001	97	43835	20.0	21.4	
89 1,3-Dichloropropane	76	6.963	6.964	-0.001	97	61841	20.0	20.2	
90 2-Hexanone	58	7.054	7.055	-0.001	99	65409	100.0	101.9	
91 n-Butyl acetate	43	7.200	7.195	0.005	96	68342	20.0	19.8	
92 Chlorodibromomethane	129	7.218	7.213	0.005	98	39355	20.0	19.3	
93 Ethylene Dibromide	107	7.376	7.377	-0.001	100	38617	20.0	20.7	
* 94 Chlorobenzene-d5	117	7.972	7.973	-0.001	88	289550	50.0	50.0	
95 Chlorobenzene	112	8.009	8.010	-0.001	95	103003	20.0	20.3	
96 Ethylbenzene	106	8.118	8.113	0.005	99	53849	20.0	20.2	
97 1,1,1,2-Tetrachloroethane	131	8.131	8.131	0.000	95	37033	20.0	20.0	
98 m-Xylene & p-Xylene	106	8.270	8.271	-0.001	0	64383	20.0	19.8	
99 o-Xylene	106	8.720	8.721	-0.001	93	63729	20.0	20.1	
100 n-Butyl acrylate	73	8.739	8.739	0.000	95	28894	20.0	19.0	
101 Styrene	104	8.757	8.758	-0.001	94	105437	20.0	20.2	
103 Bromoform	173	8.970	8.970	0.000	97	22663	20.0	17.9	
102 Amyl acetate (mixed isomers)	43	8.988	8.989	-0.001	88	72760	20.0	19.6	
104 Isopropylbenzene	105	9.104	9.104	0.000	96	143908	20.0	20.8	
$ 105 4-Bromofluorobenzene	174	9.304	9.305	-0.001	95	102377	50.0	52.7	
106 Bromobenzene	156	9.426	9.427	0.000	94	44826	20.0	20.9	
107 1,1,2,2-Tetrachloroethane	83	9.499	9.499	0.000	98	42485	20.0	20.4	
108 N-Propylbenzene	91	9.511	9.512	-0.001	99	165244	20.0	20.8	
109 1,2,3-Trichloropropane	110	9.535	9.536	-0.001	96	10325	20.0	20.6	
110 trans-1,4-Dichloro-2-butene	53	9.566	9.560	0.006	88	11826	20.0	18.4	
111 2-Chlorotoluene	91	9.608	9.609	-0.001	98	117712	20.0	20.4	
112 4-Ethyltoluene	105	9.627	9.627	0.000	98	136505	20.0	20.7	
113 1,3,5-Trimethylbenzene	105	9.693	9.694	-0.001	92	115023	20.0	20.6	
114 4-Chlorotoluene	91	9.724	9.724	0.000	98	120132	20.0	21.6	
115 Butyl Methacrylate	87	9.809	9.810	-0.001	98	43829	20.0	18.6	
116 tert-Butylbenzene	119	9.973	9.974	-0.001	93	87901	20.0	21.0	
117 1,2,4-Trimethylbenzene	105	10.034	10.029	0.005	98	117499	20.0	20.1	
118 sec-Butylbenzene	105	10.168	10.168	0.000	99	120723	20.0	21.3	
120 1,3-Dichlorobenzene	146	10.289	10.290	-0.001	96	71979	20.0	21.0	
119 4-Isopropyltoluene	119	10.302	10.302	0.000	98	103329	20.0	21.3	
* 121 1,4-Dichlorobenzene-d4	152	10.356	10.357	-0.001	95	143175	50.0	50.0	
122 1,4-Dichlorobenzene	146	10.375	10.375	0.000	96	74161	20.0	20.7	
123 1,2,3-Trimethylbenzene	105	10.399	10.400	-0.001	98	126073	20.0	20.6	
124 Benzyl chloride	91	10.508	10.509	-0.001	98	65933	20.0	17.3	
125 2,3-Dihydroindene	117	10.557	10.558	-0.001	95	123372	20.0	20.2	
126 p-Diethylbenzene	119	10.624	10.618	0.006	93	60631	20.0	21.4	
127 n-Butylbenzene	92	10.642	10.643	-0.001	98	50715	20.0	22.0	
128 1,2-Dichlorobenzene	146	10.685	10.685	0.000	97	70928	20.0	21.2	
129 1,2,4,5-Tetramethylbenzene	119	11.244	11.245	-0.001	97	96943	20.0	20.5	
130 1,2-Dibromo-3-Chloropropane	157	11.329	11.330	-0.001	95	7583	20.0	18.9	
131 1,3,5-Trichlorobenzene	180	11.439	11.439	0.000	97	45969	20.0	22.5	
132 1,2,4-Trichlorobenzene	180	11.913	11.914	-0.001	94	42751	20.0	22.1	
133 Hexachlorobutadiene	225	11.998	11.999	-0.001	97	16287	20.0	25.0	
134 Naphthalene	128	12.096	12.096	0.000	99	110347	20.0	20.6	
135 1,2,3-Trichlorobenzene	180	12.272	12.273	-0.001	96	39460	20.0	22.6	
S 136 1,2-Dichloroethene, Total	100				0		40.0	43.8	
S 137 Xylenes, Total	100				0		40.0	39.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 138 Total BTEX	1				0		100.0	100.2	

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00151	Amount Added:	4.00	Units: uL	
GASES Li_00525	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00238	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 08:05:56 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS8\20230420-159333.b\J89088.D

Injection Date: 20-Apr-2023 07:40:30 Instrument ID: CVOAMS8 Operator ID:

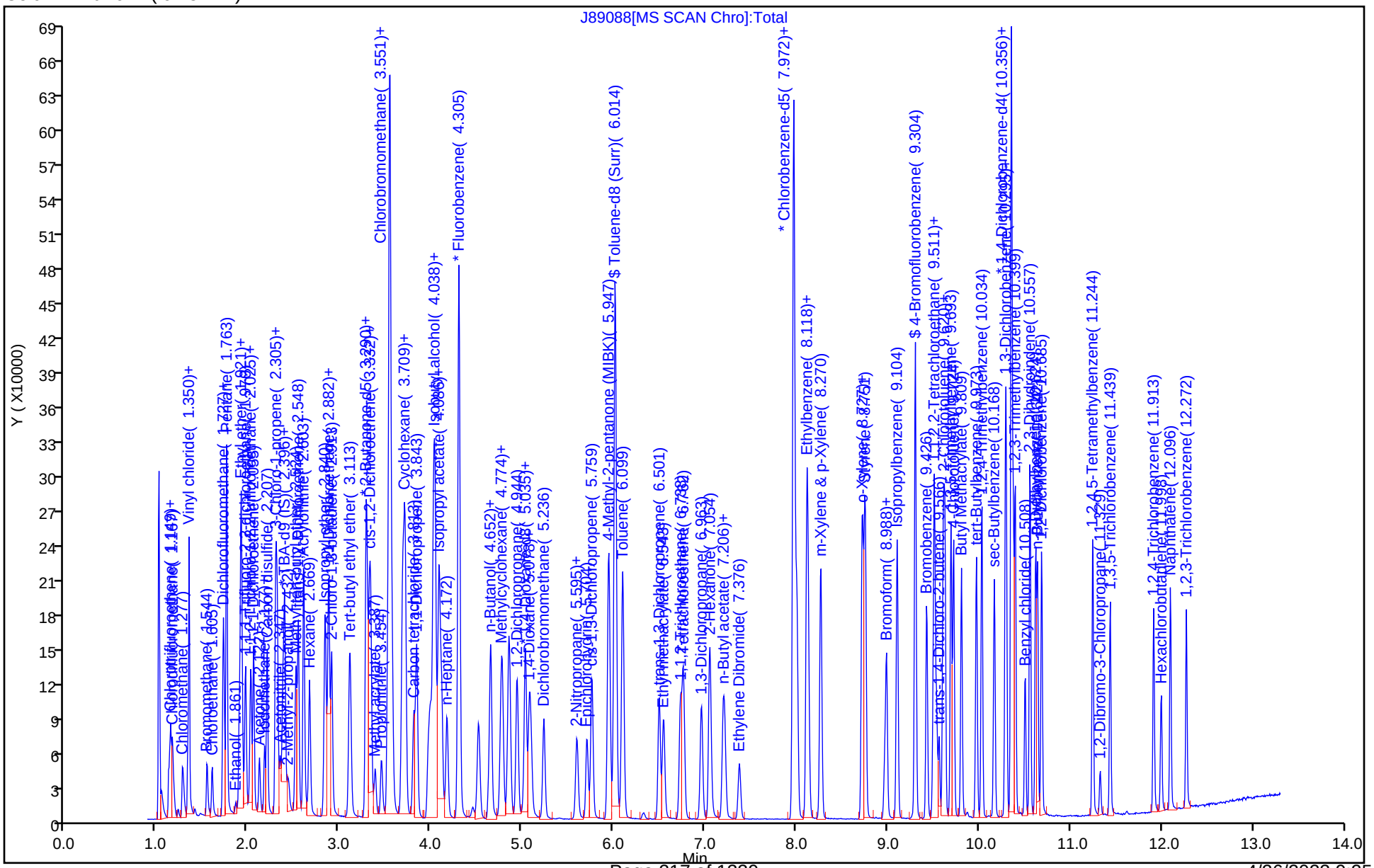
Lims ID: LCSD Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 4

Method: 8260_W8 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



4/26/2023 9:25 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-904152/5

Matrix: Solid | Lab File ID: V35747.D

Analysis Method: 8260D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/20/2023 09:05

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: Rtx-624 ID: 0.25(mm)

Purge Volume: 5.0(mL) | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Low

Analysis Batch No.: 904152 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-35-4	1,1-Dichloroethene	0.0216		0.0010	0.00026
107-06-2	1,2-Dichloroethane	0.0207		0.0010	0.00043
78-93-3	2-Butanone (MEK)	0.102		0.0050	0.0019
71-43-2	Benzene	0.0242		0.0010	0.00020
56-23-5	Carbon tetrachloride	0.0203		0.0010	0.00021
108-90-7	Chlorobenzene	0.0228		0.0010	0.00038
67-66-3	Chloroform	0.0211		0.0010	0.00033
127-18-4	Tetrachloroethene	0.0206		0.0010	0.00025
79-01-6	Trichloroethene	0.0214		0.0010	0.00031
75-01-4	Vinyl chloride	0.0248		0.0010	0.00017

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		70-128
460-00-4	4-Bromofluorobenzene	101		76-120
1868-53-7	Dibromofluoromethane (Surr)	104		77-124
2037-26-5	Toluene-d8 (Surr)	112		80-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35747.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 09:05:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: LCSD
Misc. Info.: 460-0159342-005
Operator ID: Instrument ID: CVOAMS7

Method: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\8260W_7.m
Limit Group: VOA - 8260D Water and Solid
Last Update: 20-Apr-2023 11:51:58 Calib Date: 13-Apr-2023 15:23:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAMS7\20230413-159055.b\V35402.D

Column 1 : Rtx-624 (0.25 mm) Det: MS Quad
Process Host: CTX1673

First Level Reviewer: XE5L Date: 20-Apr-2023 11:52:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Monochloropentafluoroethane	119	1.185	1.197	-0.012	82	5429	20.0	26.3	
3 Chlorotrifluoroethene	116	1.242	1.243	-0.001	91	49027	20.0	31.5	
4 1,1-Difluoroethane	65	1.254	1.265	-0.011	96	65652	20.0	25.5	
5 Dichlorodifluoromethane	85	1.265	1.265	0.000	99	133750	20.0	18.9	
2 Chlorodifluoromethane	67	1.288	1.288	0.000	99	25440	20.0	21.7	
6 Chloromethane	50	1.402	1.403	-0.001	99	140017	20.0	24.1	
7 Vinyl chloride	62	1.460	1.460	0.000	97	164536	20.0	24.8	
8 Butadiene	54	1.471	1.483	-0.012	98	147874	20.0	24.3	
9 Bromomethane	94	1.677	1.677	0.000	99	60921	20.0	25.0	
10 Chloroethane	64	1.734	1.734	0.000	100	97358	20.0	24.5	
11 Dichlorofluoromethane	67	1.860	1.860	0.000	99	228887	20.0	24.0	
12 Trichlorofluoromethane	101	1.871	1.871	0.000	98	165802	20.0	21.0	
13 Pentane	72	1.894	1.906	-0.012	97	54889	40.0	43.8	
17 Ethanol	46	2.008	2.008	0.000	98	24546	800.0	1231.5	
14 Ethyl ether	74	2.043	2.043	0.000	96	76384	20.0	21.8	
15 2-Methyl-1,3-butadiene	53	2.054	2.066	-0.012	97	132062	20.0	23.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	117	2.065	2.066	-0.001	93	97377	20.0	21.8	
19 1,1,1-Trifluoro-2,2-dichloroetha	83	2.111	2.111	0.000	98	186678	20.0	24.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.168	2.168	0.000	92	114923	20.0	21.6	
52 Acrolein	56	2.180	2.180	0.000	96	36938	40.0	43.2	
20 1,1-Dichloroethene	96	2.203	2.203	0.000	97	113536	20.0	21.6	
23 Acetone	43	2.260	2.271	-0.011	86	167080	100.0	96.6	
21 Iodomethane	142	2.328	2.328	0.000	97	95618	20.0	22.4	
24 Isopropyl alcohol	45	2.328	2.328	0.000	67	65468	200.0	261.7	
22 Carbon disulfide	76	2.363	2.363	0.000	99	404686	20.0	24.3	
30 Methyl acetate	43	2.454	2.454	0.000	94	191974	40.0	42.1	
26 3-Chloro-1-propene	76	2.454	2.454	0.000	91	84849	20.0	22.0	
25 Cyclopentene	67	2.465	2.477	-0.012	93	312953	20.0	23.6	
27 Acetonitrile	41	2.500	2.500	0.000	98	135406	200.0	190.4	
* 28 TBA-d9 (IS)	66	2.523	2.523	0.000	99	37186	1000.0	1000.0	
29 Methylene Chloride	84	2.557	2.557	0.000	93	128330	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Methyl-2-propanol	59	2.580	2.591	-0.011	99	101662	200.0	221.7	
32 Methyl tert-butyl ether	73	2.671	2.671	0.000	97	345084	20.0	19.9	
33 trans-1,2-Dichloroethene	96	2.705	2.706	-0.001	96	132001	20.0	22.9	
35 Acrylonitrile	53	2.763	2.763	0.000	94	506999	200.0	230.9	
36 Hexane	57	2.831	2.831	0.000	94	176618	20.0	23.4	
37 Isopropyl ether	45	2.991	2.991	0.000	98	389279	20.0	23.7	
38 1,1-Dichloroethane	63	3.037	3.037	0.000	99	251474	20.0	23.7	
40 Vinyl acetate	86	3.037	3.037	0.000	100	42431	40.0	43.3	
39 2-Chloro-1,3-butadiene	88	3.083	3.083	0.000	91	118449	20.0	22.2	
41 Tert-butyl ethyl ether	59	3.266	3.266	0.000	88	366079	20.0	21.4	
* 42 2-Butanone-d5	46	3.448	3.449	-0.001	100	280122	250.0	250.0	
43 2,2-Dichloropropane	97	3.471	3.471	0.000	96	43551	20.0	19.1	
45 cis-1,2-Dichloroethene	96	3.494	3.494	0.000	95	141809	20.0	21.9	
44 2-Butanone (MEK)	72	3.494	3.494	0.000	96	67308	100.0	101.8	
47 Ethyl acetate	70	3.494	3.506	-0.012	94	26433	40.0	40.5	
46 Methyl acrylate	55	3.551	3.563	-0.012	99	88076	20.0	18.6	
48 Propionitrile	54	3.620	3.620	0.000	98	188098	200.0	226.9	
50 Tetrahydrofuran	72	3.700	3.700	0.000	59	34360	40.0	39.5	
49 Chlorobromomethane	128	3.700	3.700	0.000	97	56050	20.0	20.7	
54 Methacrylonitrile	67	3.711	3.711	0.000	93	548205	200.0	209.8	
51 Chloroform	83	3.746	3.746	0.000	98	218177	20.0	21.1	
53 Cyclohexane	84	3.871	3.871	0.000	92	211103	20.0	22.6	
55 1,1,1-Trichloroethane	97	3.883	3.883	0.000	98	178236	20.0	20.6	
$ 56 Dibromofluoromethane (Surr)	113	3.894	3.894	0.000	95	154129	50.0	51.9	
57 Carbon tetrachloride	117	3.997	3.997	0.000	97	135110	20.0	20.3	
58 1,1-Dichloropropene	75	4.020	4.020	0.000	96	188168	20.0	22.9	
61 Isobutyl alcohol	43	4.157	4.146	0.011	93	174477	500.0	688.8	
64 Isooctane	57	4.168	4.169	-0.001	98	351666	20.0	24.7	
59 Benzene	78	4.203	4.203	0.000	97	547185	20.0	24.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	65	4.226	4.226	0.000	96	185650	50.0	51.0	
66 Isopropyl acetate	87	4.260	4.260	0.000	96	102429	20.0	19.4	
62 Tert-amyl methyl ether	73	4.260	4.260	0.000	92	361387	20.0	20.7	
63 1,2-Dichloroethane	62	4.294	4.294	0.000	97	171026	20.0	20.7	
65 n-Heptane	57	4.351	4.352	-0.001	93	77077	20.0	24.4	
* 67 Fluorobenzene	96	4.488	4.489	-0.001	98	607826	50.0	50.0	
70 n-Butanol	56	4.831	4.832	-0.001	87	40191	500.0	373.1	
69 Trichloroethene	95	4.843	4.843	0.000	94	128195	20.0	21.4	
71 Ethyl acrylate	99	4.957	4.957	0.000	94	16737	20.0	19.3	
72 Methylcyclohexane	83	4.957	4.957	0.000	84	207084	20.0	22.1	
73 1,2-Dichloropropane	63	5.129	5.129	0.000	88	123556	20.0	22.1	
* 68 1,4-Dioxane-d8	96	5.197	5.197	0.000	45	28329	1000.0	1000.0	
74 Methyl methacrylate	100	5.209	5.209	0.000	91	55983	40.0	35.4	
78 1,4-Dioxane	88	5.254	5.254	0.000	28	29176	400.0	457.3	M
77 n-Propyl acetate	43	5.266	5.266	0.000	98	152627	20.0	19.6	
75 Dibromomethane	93	5.266	5.266	0.000	60	70765	20.0	20.0	
76 Dichlorobromomethane	83	5.426	5.426	0.000	98	154250	20.0	21.0	
34 2-Nitropropane	41	5.757	5.757	0.000	99	57684	40.0	35.9	
79 2-Chloroethyl vinyl ether	63	5.780	5.780	0.000	97	70169	20.0	21.0	
80 Epichlorohydrin	57	5.883	5.883	0.000	99	270012	400.0	458.7	
81 cis-1,3-Dichloropropene	75	5.951	5.952	-0.001	93	213400	20.0	23.9	
84 4-Methyl-2-pentanone (MIBK)	43	6.112	6.112	0.000	97	517180	100.0	115.8	
$ 82 Toluene-d8 (Surr)	98	6.203	6.203	0.000	99	721671	50.0	56.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
83 Toluene	91	6.283	6.283	0.000	94	542752	20.0	22.7	
85 trans-1,3-Dichloropropene	75	6.683	6.683	0.000	98	176370	20.0	22.9	
86 Ethyl methacrylate	69	6.717	6.717	0.000	89	135306	20.0	20.3	
87 1,1,2-Trichloroethane	83	6.912	6.912	0.000	96	92350	20.0	22.5	
88 Tetrachloroethene	166	6.957	6.957	0.000	91	97085	20.0	20.6	
89 1,3-Dichloropropane	76	7.140	7.140	0.000	95	195505	20.0	24.0	
91 2-Hexanone	43	7.220	7.220	0.000	97	313309	100.0	112.3	
92 n-Butyl acetate	43	7.369	7.369	0.000	99	148980	20.0	19.1	
90 Chlorodibromomethane	129	7.403	7.403	0.000	97	88805	20.0	21.3	
93 Ethylene Dibromide	107	7.563	7.563	0.000	99	98706	20.0	21.2	
* 94 Chlorobenzene-d5	117	8.123	8.123	0.000	89	410713	50.0	50.0	
95 Chlorobenzene	112	8.157	8.158	-0.001	92	306253	20.0	22.8	
97 Ethylbenzene	106	8.249	8.249	0.000	99	175848	20.0	22.8	
96 1,1,1,2-Tetrachloroethane	131	8.272	8.272	0.000	94	89249	20.0	21.9	
98 m-Xylene & p-Xylene	106	8.397	8.398	-0.001	97	219294	20.0	23.5	
100 o-Xylene	106	8.832	8.832	0.000	93	207025	20.0	22.9	
99 n-Butyl acrylate	73	8.843	8.843	0.000	97	71346	20.0	19.9	
101 Styrene	104	8.866	8.866	0.000	95	330822	20.0	22.9	
103 Bromoform	173	9.083	9.083	0.000	57	46802	20.0	20.5	
102 Amyl acetate (mixed isomers)	43	9.083	9.083	0.000	92	169739	20.0	20.0	
104 Isopropylbenzene	105	9.209	9.209	0.000	96	518750	20.0	22.9	
$ 105 4-Bromofluorobenzene	174	9.403	9.403	0.000	0	156101	50.0	50.7	
107 Bromobenzene	156	9.529	9.529	0.000	93	102740	20.0	22.5	
108 1,1,2,2-Tetrachloroethane	83	9.598	9.598	0.000	97	130471	20.0	22.7	
109 N-Propylbenzene	91	9.609	9.609	0.000	99	650075	20.0	25.3	
115 1,2,3-Trichloropropane	110	9.632	9.632	0.000	97	34713	20.0	19.6	
112 trans-1,4-Dichloro-2-butene	53	9.655	9.655	0.000	88	33190	20.0	19.2	
114 2-Chlorotoluene	91	9.700	9.701	-0.001	96	434128	20.0	24.8	
113 4-Ethyltoluene	105	9.712	9.712	0.000	98	507844	20.0	24.5	
116 1,3,5-Trimethylbenzene	105	9.780	9.781	-0.001	91	425117	20.0	24.9	
110 4-Chlorotoluene	91	9.815	9.815	0.000	99	400786	20.0	24.0	
117 Butyl Methacrylate	87	9.883	9.883	0.000	92	113201	20.0	20.4	
118 tert-Butylbenzene	119	10.055	10.055	0.000	93	339825	20.0	24.1	
119 1,2,4-Trimethylbenzene	105	10.112	10.112	0.000	98	428040	20.0	24.0	
120 sec-Butylbenzene	105	10.249	10.249	0.000	99	509887	20.0	24.8	
121 4-Isopropyltoluene	119	10.375	10.375	0.000	97	405074	20.0	24.7	
122 1,3-Dichlorobenzene	146	10.375	10.375	0.000	74	198905	20.0	24.3	
* 106 1,4-Dichlorobenzene-d4	152	10.432	10.432	0.000	97	176416	50.0	50.0	
124 1,4-Dichlorobenzene	146	10.455	10.455	0.000	92	201782	20.0	22.7	
123 1,2,3-Trimethylbenzene	105	10.466	10.466	0.000	99	428421	20.0	23.8	
125 Benzyl chloride	91	10.581	10.581	0.000	98	219701	20.0	18.8	
111 2,3-Dihydroindene	117	10.638	10.638	0.000	95	400733	20.0	23.7	
126 p-Diethylbenzene	119	10.683	10.684	-0.001	92	237723	20.0	24.5	
127 n-Butylbenzene	92	10.706	10.706	0.000	98	221367	20.0	25.7	
128 1,2-Dichlorobenzene	146	10.763	10.764	-0.001	93	187893	20.0	23.3	
130 1,2,4,5-Tetramethylbenzene	119	11.301	11.301	0.000	96	306203	20.0	21.9	
129 1,2-Dibromo-3-Chloropropane	157	11.392	11.392	0.000	90	18974	20.0	17.9	
132 1,3,5-Trichlorobenzene	180	11.506	11.507	0.000	95	104080	20.0	21.5	
131 1,2,4-Trichlorobenzene	180	11.975	11.975	0.000	93	89678	20.0	20.9	
133 Hexachlorobutadiene	225	12.044	12.044	0.000	88	35842	20.0	22.8	
134 Naphthalene	128	12.146	12.147	-0.001	99	284078	20.0	20.2	
135 1,2,3-Trichlorobenzene	180	12.329	12.329	0.000	95	81804	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
S 136 1,2-Dichloroethene, Total	100				0		40.0	44.9	
S 137 Xylenes, Total	100				0		40.0	46.3	
S 138 1,3-Dichloropropene, Total	1				0		40.0	46.8	
S 139 Total BTEX	1				0		100.0	116.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

8260MIX1COMB_00168	Amount Added:	20.00	Units: uL	
524freon_00067	Amount Added:	20.00	Units: uL	
ACROLEIN W_00151	Amount Added:	4.00	Units: uL	
GASES Li_00525	Amount Added:	20.00	Units: uL	
8260ISNEW_00171	Amount Added:	1.00	Units: uL	Run Reagent
8260SURR250_00237	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 11:52:29 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAMS7\20230420-159342.b\V35747.D

Injection Date: 20-Apr-2023 09:05:30 Instrument ID: CVOAMS7

Lims ID: LCSD

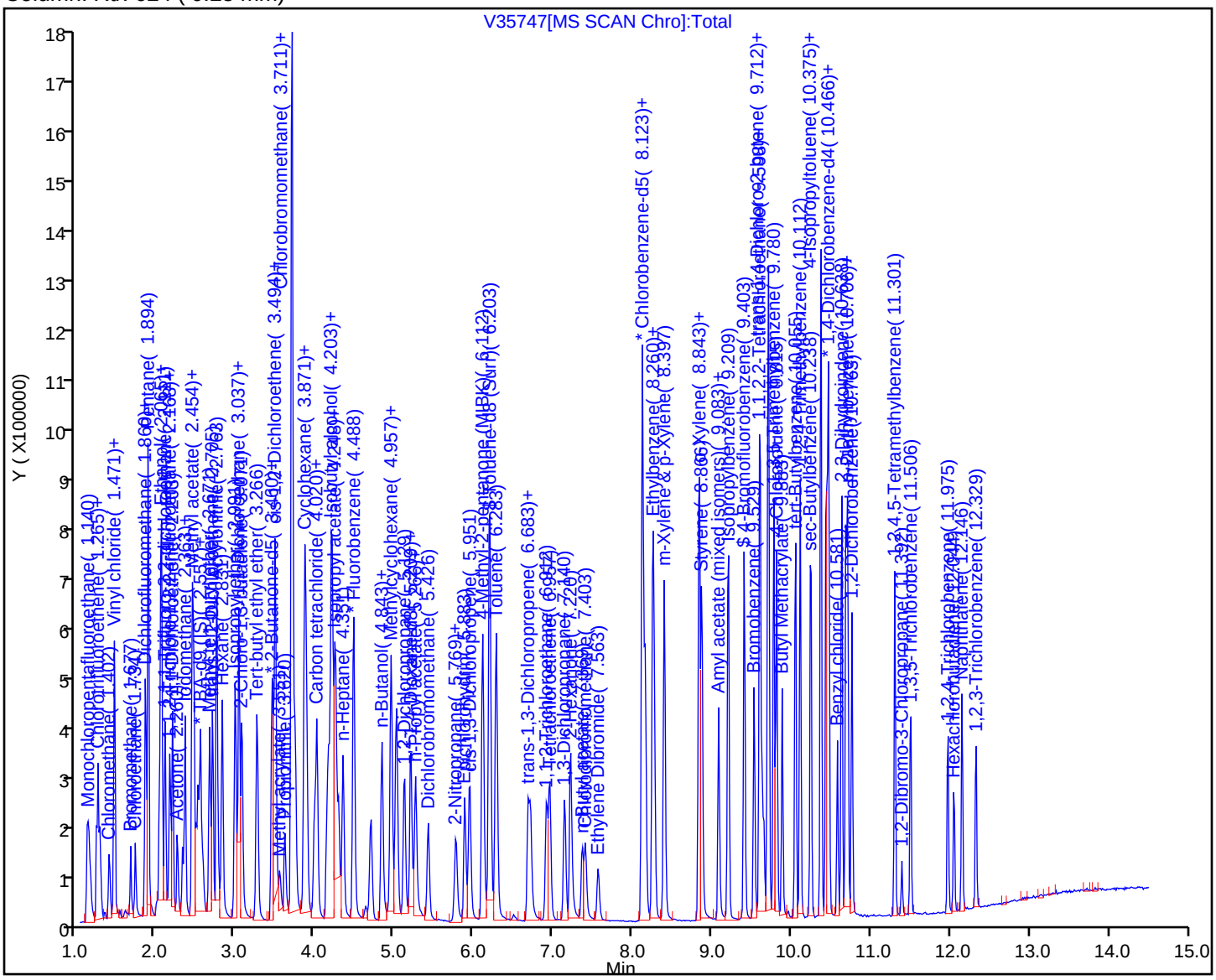
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 5

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: 8260W_7 Limit Group: VOA - 8260D Water and Solid

Column: Rtx-624 (0.25 mm)



GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 04/13/2023 11:48

Analysis Batch Number: 902924 End Date: 04/14/2023 02:48

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-902924/1		04/13/2023 11:48	1	V35393.D	Rtx-624 0.25(mm)
STD8 460-902924/3 IC		04/13/2023 12:55	1	V35395.D	Rtx-624 0.25(mm)
STD05 460-902924/4 IC		04/13/2023 13:16	1	V35396.D	Rtx-624 0.25(mm)
STD1 460-902924/5 IC		04/13/2023 13:37	1	V35397.D	Rtx-624 0.25(mm)
STD5 460-902924/6 IC		04/13/2023 13:58	1	V35398.D	Rtx-624 0.25(mm)
STD20 460-902924/7 ICIS		04/13/2023 14:19	1	V35399.D	Rtx-624 0.25(mm)
STD50 460-902924/8 IC		04/13/2023 14:40	1	V35400.D	Rtx-624 0.25(mm)
STD200 460-902924/9 IC		04/13/2023 15:01	1	V35401.D	Rtx-624 0.25(mm)
STD500 460-902924/10 IC		04/13/2023 15:23	1	V35402.D	Rtx-624 0.25(mm)
ICV 460-902924/16		04/13/2023 17:30	1	V35408.D	Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 17:51	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 18:12	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 19:16	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 19:37	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 19:58	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 20:19	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 20:40	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 21:01	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 21:22	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 21:43	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 23:17	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 23:38	1		Rtx-624 0.25(mm)
ZZZZZ		04/13/2023 23:59	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2023 00:20	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2023 01:23	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2023 01:45	2		Rtx-624 0.25(mm)
ZZZZZ		04/14/2023 02:06	5		Rtx-624 0.25(mm)
ZZZZZ		04/14/2023 02:27	1		Rtx-624 0.25(mm)
ZZZZZ		04/14/2023 02:48	1		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CVOAMS7 Start Date: 04/20/2023 08:24

Analysis Batch Number: 904152 End Date: 04/20/2023 15:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVIS 460-904152/3		04/20/2023 08:24	1	V35745.D	Rtx-624 0.25(mm)
LCS 460-904152/4		04/20/2023 08:44	1	V35746.D	Rtx-624 0.25(mm)
LCSD 460-904152/5		04/20/2023 09:05	1	V35747.D	Rtx-624 0.25(mm)
MB 460-904152/8		04/20/2023 10:08	1	V35750.D	Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 10:29	1		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 10:50	1		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 11:11	1		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 11:32	25		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 12:56	10		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 13:17	10		Rtx-624 0.25(mm)
460-278409-1	WC-A-E-1(0-3)	04/20/2023 13:38	10	V35760.D	Rtx-624 0.25(mm)
460-278409-7	WC-A-E-2(0-3)	04/20/2023 13:59	10	V35761.D	Rtx-624 0.25(mm)
460-278409-13	WC-A-E-3(0-3)	04/20/2023 14:20	10	V35762.D	Rtx-624 0.25(mm)
460-278409-19	WC-A-E-4(0-3)	04/20/2023 14:41	10	V35763.D	Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 15:02	10		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 15:23	10		Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 04/13/2023 23:30

Analysis Batch Number: 903054 End Date: 04/14/2023 06:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 460-903054/1		04/13/2023 23:30	1	J88838.D	Rtx-624 0.25(mm)
STD7 460-903054/3 IC		04/14/2023 00:39	1	J88840.D	Rtx-624 0.25(mm)
STD1 460-903054/4 IC		04/14/2023 01:04	1	J88841.D	Rtx-624 0.25(mm)
STD5 460-903054/5 IC		04/14/2023 01:29	1	J88842.D	Rtx-624 0.25(mm)
STD20 460-903054/6 ICIS		04/14/2023 01:54	1	J88843.D	Rtx-624 0.25(mm)
STD50 460-903054/7 IC		04/14/2023 02:19	1	J88844.D	Rtx-624 0.25(mm)
STD200 460-903054/8 IC		04/14/2023 02:44	1	J88845.D	Rtx-624 0.25(mm)
STD500 460-903054/9 IC		04/14/2023 03:09	1	J88846.D	Rtx-624 0.25(mm)
ICV 460-903054/17		04/14/2023 06:30	1	J88854.D	Rtx-624 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CVOAMS8 Start Date: 04/20/2023 05:58

Analysis Batch Number: 904131 End Date: 04/20/2023 13:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/20/2023 05:58	1		Rtx-624 0.25(mm)
CCVIS 460-904131/3		04/20/2023 06:50	1	J89086.D	Rtx-624 0.25(mm)
LCS 460-904131/4		04/20/2023 07:15	1	J89087.D	Rtx-624 0.25(mm)
LCSD 460-904131/5		04/20/2023 07:40	1	J89088.D	Rtx-624 0.25(mm)
MB 460-904131/9		04/20/2023 09:21	1	J89092.D	Rtx-624 0.25(mm)
LB 460-903903/1-A		04/20/2023 09:46	10	J89093.D	Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 10:11	10		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 12:16	1		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 12:41	1		Rtx-624 0.25(mm)
ZZZZZ		04/20/2023 13:06	1		Rtx-624 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 902924 Batch Start Date: 04/13/23 11:48 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00155	524freon 00067	8260 SP 00165	8260ISNEW 00171
BFB 460-902924/1		8260D		5 mL	5 mL				
STD8 460-902924/3 IC		8260D		5 mL	5 mL				1 uL
STD05 460-902924/4 IC		8260D		5 mL	5 mL	15 uL	5 uL		1 uL
STD1 460-902924/5 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-902924/6 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-902924/7 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-902924/8 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-902924/9 IC		8260D		5 mL	5 mL				1 uL
STD500 460-902924/10 IC		8260D		5 mL	5 mL				1 uL
ICV 460-902924/16		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00168	8260SURR250 00236	8FreonHi 00055	8FreonsSS 00056	ACROLEIN SP 00149	ACROLEIN W 00151
BFB 460-902924/1		8260D							
STD8 460-902924/3 IC		8260D			1 uL				
STD05 460-902924/4 IC		8260D		5 uL	1 uL				2 uL
STD1 460-902924/5 IC		8260D		10 uL	1 uL				4 uL
STD5 460-902924/6 IC		8260D		10 uL	1 uL				4 uL
STD20 460-902924/7 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-902924/8 IC		8260D		50 uL	1 uL				10 uL
STD200 460-902924/9 IC		8260D			1 uL	20 uL			20 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 902924 Batch Start Date: 04/13/23 11:48 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00168	8260SURR250 00236	8FreonHi 00055	8FreonsSS 00056	ACROLEIN SP 00149	ACROLEIN W 00151
STD500 460-902924/10 IC		8260D			1 uL	50 uL			40 uL
ICV 460-902924/16		8260D			1 uL		20 uL	4 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00111	BFB 00033	Ethanol mix 00075	GAS C SP 00510	GAS Hi 00440	GASES Li 00524
BFB 460-902924/1		8260D			1 uL				
STD8 460-902924/3 IC		8260D		20 uL					2.5 uL
STD05 460-902924/4 IC		8260D							5 uL
STD1 460-902924/5 IC		8260D							10 uL
STD5 460-902924/6 IC		8260D							10 uL
STD20 460-902924/7 ICIS		8260D							20 uL
STD50 460-902924/8 IC		8260D							50 uL
STD200 460-902924/9 IC		8260D				20 uL		20 uL	
STD500 460-902924/10 IC		8260D				50 uL		50 uL	
ICV 460-902924/16		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00134	MIX I Hi 00161				
BFB 460-902924/1		8260D							
STD8 460-902924/3 IC		8260D							
STD05 460-902924/4 IC		8260D							
STD1 460-902924/5 IC		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 902924 Batch Start Date: 04/13/23 11:48 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00134	MIX I Hi 00161				
STD5 460-902924/6 IC		8260D							
STD20 460-902924/7 ICIS		8260D							
STD50 460-902924/8 IC		8260D							
STD200 460-902924/9 IC		8260D		20 uL	20 uL				
STD500 460-902924/10 IC		8260D		50 uL	50 uL				
ICV 460-902924/16		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903054 Batch Start Date: 04/13/23 23:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	14DIOXINTER 00155	524freon 00066	8260 SP 00165	8260ISNEW 00171
BFB 460-903054/1		8260D		5 mL	5 mL				
STD7 460-903054/3 IC		8260D		5 mL	5 mL				1 uL
STD1 460-903054/4 IC		8260D		5 mL	5 mL	30 uL	10 uL		1 uL
STD5 460-903054/5 IC		8260D		5 mL	5 mL		10 uL		1 uL
STD20 460-903054/6 ICIS		8260D		5 mL	5 mL		20 uL		1 uL
STD50 460-903054/7 IC		8260D		5 mL	5 mL		50 uL		1 uL
STD200 460-903054/8 IC		8260D		5 mL	5 mL				1 uL
STD500 460-903054/9 IC		8260D		5 mL	5 mL				1 uL
ICV 460-903054/17		8260D		5 mL	5 mL			20 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	8260MIX1COMB 00168	8260SURR250 00236	8FreonHi 00055	8FreonsSS 00056	ACROLEIN SP 00149	ACROLEIN W 00151
BFB 460-903054/1		8260D							
STD7 460-903054/3 IC		8260D			1 uL				
STD1 460-903054/4 IC		8260D		10 uL	1 uL				4 uL
STD5 460-903054/5 IC		8260D		10 uL	1 uL				4 uL
STD20 460-903054/6 ICIS		8260D		20 uL	1 uL				4 uL
STD50 460-903054/7 IC		8260D		50 uL	1 uL				10 uL
STD200 460-903054/8 IC		8260D			1 uL	20 uL			20 uL
STD500 460-903054/9 IC		8260D			1 uL	50 uL			40 uL
ICV 460-903054/17		8260D			1 uL		20 uL	4 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903054 Batch Start Date: 04/13/23 23:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACRY/EPIH MIX 00111	BFB 00033	Ethanol mix 00075	GAS C SP 00510	GAS Hi 00440	GASES Li 00524
BFB 460-903054/1		8260D			1 uL				
STD7 460-903054/3 IC		8260D		20 uL					2.5 uL
STD1 460-903054/4 IC		8260D							10 uL
STD5 460-903054/5 IC		8260D							10 uL
STD20 460-903054/6 ICIS		8260D							20 uL
STD50 460-903054/7 IC		8260D							50 uL
STD200 460-903054/8 IC		8260D				20 uL		20 uL	
STD500 460-903054/9 IC		8260D				50 uL		50 uL	
ICV 460-903054/17		8260D					20 uL		

Lab Sample ID	Client Sample ID	Method Chain	Basis	MIX 2 Hi 00134	MIX I Hi 00161				
BFB 460-903054/1		8260D							
STD7 460-903054/3 IC		8260D							
STD1 460-903054/4 IC		8260D							
STD5 460-903054/5 IC		8260D							
STD20 460-903054/6 ICIS		8260D							
STD50 460-903054/7 IC		8260D							
STD200 460-903054/8 IC		8260D		20 uL	20 uL				
STD500 460-903054/9 IC		8260D		50 uL	50 uL				
ICV 460-903054/17		8260D							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903054 Batch Start Date: 04/13/23 23:30 Batch Analyst: Boykin, Kenneth

Batch Method: 8260D Batch End Date:

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903903 Batch Start Date: 04/19/23 09:00 Batch Analyst: Baker, Benjamin J

Batch Method: 1311 Batch End Date: 04/20/23 03:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VesselNumber	LeachatepH	AnalysisComment	
LB 460-903903/1		1311, 8260D			500 mL	39	4.95	39	
460-278409-L-1	WC-A-E-1(0-3)	1311, 8260D	P	25.15 g	500 mL	38	5.06	38	
460-278409-D-7	WC-A-E-2(0-3)	1311, 8260D	P	25.18 g	500 mL	40	5.10	40	
460-278409-L-13	WC-A-E-3(0-3)	1311, 8260D	P	25.05 g	500 mL	41	5.03	41	
460-278409-D-19	WC-A-E-4(0-3)	1311, 8260D	P	25.10 g	500 mL	42	5.09	42	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903903 Batch Start Date: 04/19/23 09:00 Batch Analyst: Baker, Benjamin J

Batch Method: 1311 Batch End Date: 04/20/23 03:00

Batch Notes	
Thermometer ID	181404028
First Start time	9:00 am 4/19/23
First End time	3:00 am 4/20/23
Tumbler Rotations per Minute	30
Balance ID	21
Room Temperature Thermometer ID	188086
TCLP Fluid pH	4.95 SU
TCLP Fluid 1 ID	ZF1041323
Uncorrected Minimum Temperature	22.3 Celsius
Minumum Temperature	22.3 Celsius
Uncorrected Maximum Temperature	24.6 Celsius
Maximum Temperature	24.6 Celsius
pH Buffer 1 ID	pH=1.68 Orion: 910168
pH Buffer 2 ID	pH=4.01 Orion: 910104
pH Buffer 3 ID	pH=7.00 Fisher: 217473
pH Buffer 4 ID	pH=10.01 Fisher: 212238
pH Meter Calibration Slope	96.0%
pH Meter ID	A
Probe ID	Z
Filter Paper ID	400204-3053-D
Uncorrected Initial Room Temperature	23.0 Degrees C
Corrected Initial Room Temperature	23.0 Degrees C
Analyst ID - Filtration	Ben
Batch Comment	TCLP ZHE SOLID

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904131 Batch Start Date: 04/20/23 05:58 Batch Analyst: Moroney, Christopher J

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00067	8260ISNEW 00171	8260MIX1COMB 00168	8260SURR250 00238
CCVIS 460-904131/3		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-904131/4		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-904131/5		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-904131/9		8260D		5 mL	5 mL		1 uL		1 uL
LB 460-903903/1-A		8260D		5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00151	GASES Li 00525				
CCVIS 460-904131/3		8260D		4 uL	20 uL				
LCS 460-904131/4		8260D		4 uL	20 uL				
LCSD 460-904131/5		8260D		4 uL	20 uL				
MB 460-904131/9		8260D							
LB 460-903903/1-A		8260D							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904152 Batch Start Date: 04/20/23 08:24 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	524freon 00067	8260ISNEW 00171	8260MIX1COMB 00168	8260SURR250 00237
CCVIS 460-904152/3		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCS 460-904152/4		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
LCSD 460-904152/5		8260D		5 mL	5 mL	20 uL	1 uL	20 uL	1 uL
MB 460-904152/8		8260D		5 mL	5 mL		1 uL		1 uL
460-278409-L-1-A	WC-A-E-1(0-3)	8260D	P	5 mL	5 mL		1 uL		1 uL
460-278409-D-7-A	WC-A-E-2(0-3)	8260D	P	5 mL	5 mL		1 uL		1 uL
460-278409-L-13-A	WC-A-E-3(0-3)	8260D	P	5 mL	5 mL		1 uL		1 uL
460-278409-D-19-A	WC-A-E-4(0-3)	8260D	P	5 mL	5 mL		1 uL		1 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	ACROLEIN W 00151	GASES Li 00525				
CCVIS 460-904152/3		8260D		4 uL	20 uL				
LCS 460-904152/4		8260D		4 uL	20 uL				
LCSD 460-904152/5		8260D		4 uL	20 uL				
MB 460-904152/8		8260D							
460-278409-L-1-A	WC-A-E-1(0-3)	8260D	P						
460-278409-D-7-A	WC-A-E-2(0-3)	8260D	P						
460-278409-L-13-A	WC-A-E-3(0-3)	8260D	P						
460-278409-D-19-A	WC-A-E-4(0-3)	8260D	P						

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904152 Batch Start Date: 04/20/23 08:24 Batch Analyst: Martinez, Eddie

Batch Method: 8260D Batch End Date:

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8015D_GRO

Gasoline Range Organics (GRO) (GC)

FORM II
GASOLINE RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Medium

GC Column (1): Rtx-5MS ID: 0.25(mm)

Client Sample ID	Lab Sample ID	TFT1 #
WC-A-E-1(0-3)	460-278409-1	127
WC-A-E-2(0-3)	460-278409-7	130
WC-A-E-3(0-3)	460-278409-13	128
WC-A-E-4(0-3)	460-278409-19	125
	MB 460-903953/5	115
	LCS 460-903953/2	108
	LCSD 460-903953/3	114

	QC LIMITS
TFT = a,a,a-Trifluorotoluene	75-150

Column to be used to flag recovery values

FORM II 8015D

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VF0119616.D

Lab ID: LCS 460-903953/2 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
GRO	20.0	21.6	108	77-120	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
GASOLINE RANGE ORGANICS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Medium Lab File ID: VF0119617.D

Lab ID: LCSD 460-903953/3 Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
GRO	20.0	20.7	103	4	30	77-120	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM IV
GASOLINE RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: MB 460-903953/5

Matrix: Solid Date Extracted:

Lab File ID:(1) VF0119619.D Lab File ID:(2)

Date Analyzed:(1) 04/19/2023 11:45 Date Analyzed:(2)

Instrument ID:(1) CVOAGC1 Instrument ID:(2)

GC Column:(1) Rtx-5MS ID: 0.25(mm) GC Column:(2) ID:

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-903953/2	04/19/2023 10:21	
	LCSD 460-903953/3	04/19/2023 10:49	
WC-A-E-1(0-3)	460-278409-1	04/19/2023 16:30	
WC-A-E-2(0-3)	460-278409-7	04/19/2023 17:57	
WC-A-E-3(0-3)	460-278409-13	04/19/2023 18:25	
WC-A-E-4(0-3)	460-278409-19	04/19/2023 18:53	

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: STDL3 460-868610/6 Date Analyzed: 09/27/2022 15:55

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): VF0116939.D Heated Purge: (Y/N) N

Calibration ID: 91436

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
INITIAL CALIBRATION SURROGATE				5.66		
UPPER LIMIT				5.76		
LOWER LIMIT				5.56		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
STDL3 460-868610/6 ICRT		09/27/2022 15:55	VF0116939.D	5.66		
ICV 460-868610/12		09/27/2022 18:45	VF0116945.D	5.66		

TFT = a,a,a-Trifluorotoluene

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
GASOLINE RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVRT 460-903953/1 Date Analyzed: 04/19/2023 09:25

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm)

Lab File ID (Standard): VF0119615.D Heated Purge: (Y/N) N

Calibration ID: 91436

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				TFT		
				RT #		
CONTINUING CALIBRATION SURROGATE				5.65		
UPPER LIMIT				5.75		
LOWER LIMIT				5.55		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-903953/1		04/19/2023 09:25	VF0119615.D	5.65		
LCS 460-903953/2		04/19/2023 10:21	VF0119616.D	5.65		
LCSD 460-903953/3		04/19/2023 10:49	VF0119617.D	5.65		
MB 460-903953/5		04/19/2023 11:45	VF0119619.D	5.66		
460-278409-1	WC-A-E-1(0-3)	04/19/2023 16:30	VF0119629.D	5.64		
CCV 460-903953/17		04/19/2023 17:28	VF0119631.D	5.65		
460-278409-7	WC-A-E-2(0-3)	04/19/2023 17:57	VF0119632.D	5.65		
460-278409-13	WC-A-E-3(0-3)	04/19/2023 18:25	VF0119633.D	5.65		
460-278409-19	WC-A-E-4(0-3)	04/19/2023 18:53	VF0119634.D	5.64		
CCV 460-903953/22		04/20/2023 07:53	VF0119636.D	5.65		

TFT = a,a,a-Trifluorotoluene

TFT RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) | Lab Sample ID: 460-278409-1

Matrix: Solid | Lab File ID: VF0119629.D

Analysis Method: 8015D | Date Collected: 04/17/2023 13:40

Sample wt/vol: 6.925(g) | Date Analyzed: 04/19/2023 16:30

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: 9.2 % Solids: 90.8 | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	1.1	U	1.1	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	127		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119629.D				
Lims ID:	460-278409-B-1-A				
Client ID:	WC-A-E-1(0-3)				
Sample Type:	Client				
Inject. Date:	19-Apr-2023 16:30:28	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Sample Info:	460-0159299-015				
Operator ID:	GC1	Instrument ID:	CVOAGC1		
Method:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m				
Limit Group:	GC 8015C GRO ICAL				
Last Update:	19-Apr-2023 17:40:59	Calib Date:	27-Sep-2022 16:51:54		
Integrator:	Genie				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D				
Column 1 :			Det: GC FID2B		
Process Host:	CTX1679				
First Level Reviewer: K0HS		Date:	20-Apr-2023 07:46:55		

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.643	5.654	-0.011	41350284	56.4	
A	2 GRO	6.808	(3.548-10.068)		8410777	12.9	

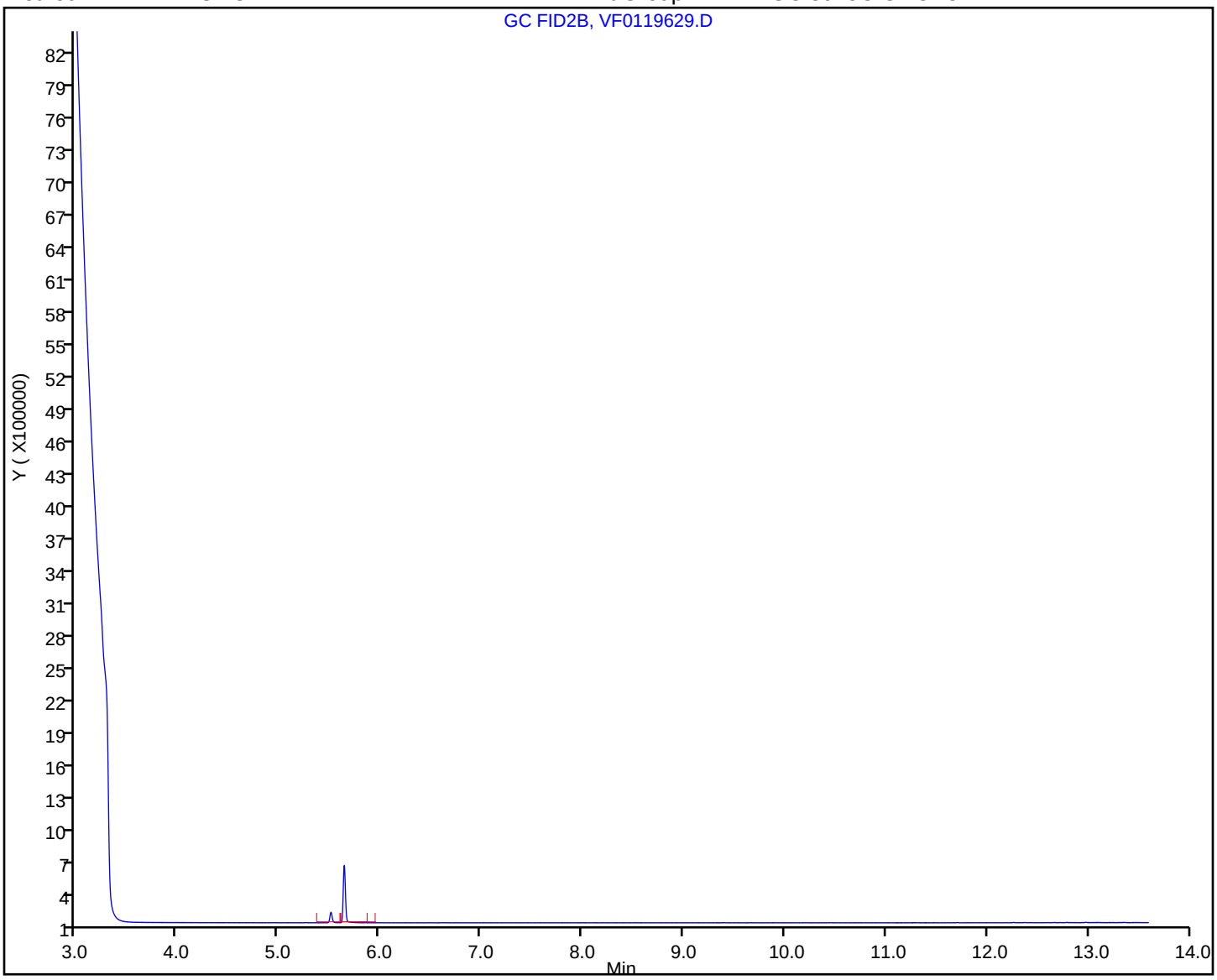
QC Flag Legend

Processing Flags

Report Date: 20-Apr-2023 07:46:55 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119629.D				
Injection Date:	19-Apr-2023 16:30:28	Instrument ID:	CVOAGC1		
Lims ID:	460-278409-B-1-A	Lab Sample ID:	460-278409-1		
Client ID:	WC-A-E-1(0-3)				
Operator ID:	GC1	ALS Bottle#:	14	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



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FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) | Lab Sample ID: 460-278409-7

Matrix: Solid | Lab File ID: VF0119632.D

Analysis Method: 8015D | Date Collected: 04/17/2023 11:00

Sample wt/vol: 6.747(g) | Date Analyzed: 04/19/2023 17:57

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: 9.0 % Solids: 91.0 | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	1.1	U	1.1	1.1

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	130		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119632.D
Lims ID: 460-278409-B-7-A
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 19-Apr-2023 17:57:04 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0159299-018
Operator ID: GC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 17:40:59 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1679

First Level Reviewer: K0HS Date: 20-Apr-2023 07:47:00

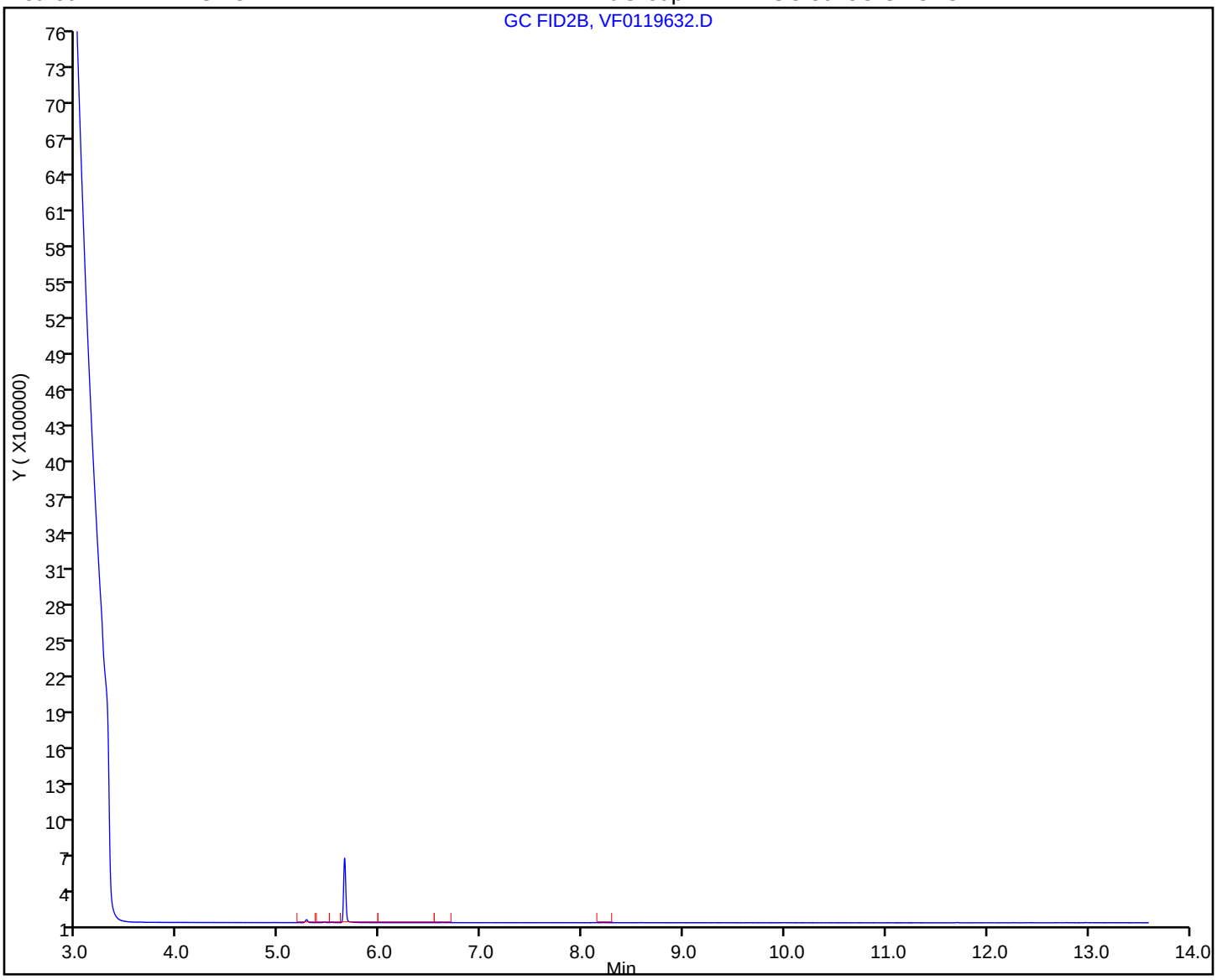
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.646	5.654	-0.008	42395370	57.8	
A	2 GRO	6.808	(3.548-10.068)		2959058	4.54	

QC Flag Legend
Processing Flags

Report Date: 20-Apr-2023 07:47:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119632.D				
Injection Date:	19-Apr-2023 17:57:04	Instrument ID:	CVOAGC1		
Lims ID:	460-278409-B-7-A	Lab Sample ID:	460-278409-7		
Client ID:	WC-A-E-2(0-3)				
Operator ID:	GC1	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



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FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid | Lab File ID: VF0119633.D

Analysis Method: 8015D | Date Collected: 04/17/2023 12:10

Sample wt/vol: 6.149(g) | Date Analyzed: 04/19/2023 18:25

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: 8.3 % Solids: 91.7 | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	1.2	U	1.2	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	128		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119633.D
Lims ID: 460-278409-B-13-A
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 19-Apr-2023 18:25:25 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0159299-019
Operator ID: GC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 17:40:59 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1679

First Level Reviewer: K0HS Date: 20-Apr-2023 07:47:04

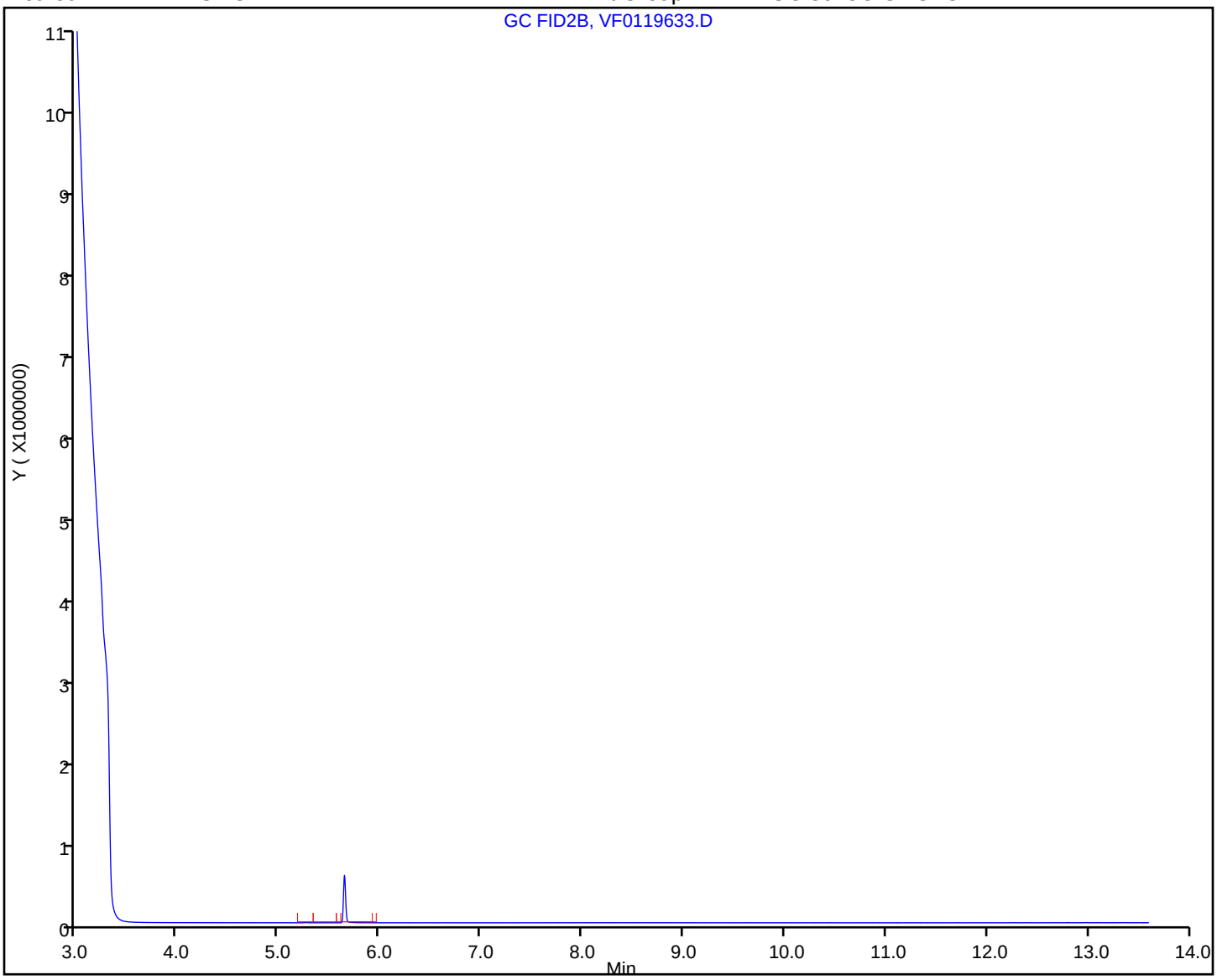
	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.645	5.654	-0.009	42532406	58.0	
A	2 GRO	6.808	(3.548-10.068)		339114	0.5202	

QC Flag Legend
Processing Flags

Report Date: 20-Apr-2023 07:47:04 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119633.D				
Injection Date:	19-Apr-2023 18:25:25	Instrument ID:	CVOAGC1		
Lims ID:	460-278409-B-13-A	Lab Sample ID:	460-278409-13		
Client ID:	WC-A-E-3(0-3)				
Operator ID:	GC1	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



4/26/2023 9:25 PM

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) | Lab Sample ID: 460-278409-19

Matrix: Solid | Lab File ID: VF0119634.D

Analysis Method: 8015D | Date Collected: 04/17/2023 10:20

Sample wt/vol: 6.448(g) | Date Analyzed: 04/19/2023 18:53

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 5(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: 8.2 % Solids: 91.8 | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	1.2	U	1.2	1.2

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	125		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119634.D
Lims ID: 460-278409-B-19-A
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 19-Apr-2023 18:53:42 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0159299-020
Operator ID: GC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 17:40:59 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1679

First Level Reviewer: K0HS Date: 20-Apr-2023 07:47:14

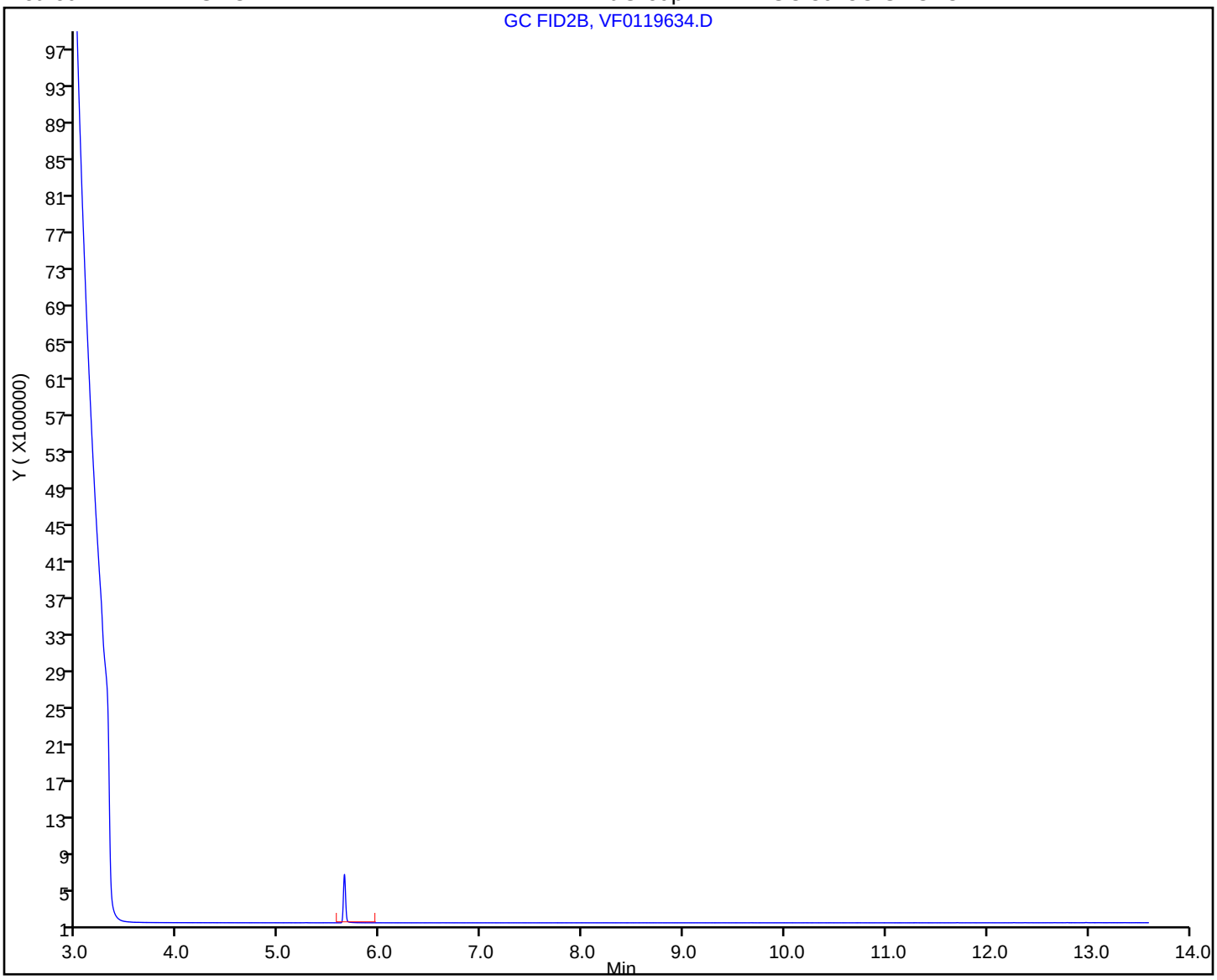
Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 1 a,a,a-Trifluorotoluene	5.644	5.654	-0.010	41462886	56.5	

QC Flag Legend
Processing Flags

Report Date: 20-Apr-2023 07:47:15 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119634.D				
Injection Date:	19-Apr-2023 18:53:42	Instrument ID:	CVOAGC1		
Lims ID:	460-278409-B-19-A	Lab Sample ID:	460-278409-19		
Client ID:	WC-A-E-4(0-3)				
Operator ID:	GC1	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



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FORM VI
GASOLINE RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 868610

SDG No.:

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2022 14:58 Calibration End Date: 09/27/2022 16:51 Calibration ID: 91436

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL1 460-868610/4	VF0116937.D
Level 2	STDL2 460-868610/5	VF0116938.D
Level 3	STDL3 460-868610/6	VF0116939.D
Level 4	STDL4 460-868610/7	VF0116940.D
Level 5	STDL5 460-868610/8	VF0116941.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
GRO	6.809	6.809	6.809	6.809	6.809						3.550 - 10.073	6.809
a,a,a-Trifluorotoluene	5.660	5.657	5.656	5.653	5.655						5.555 - 5.755	5.656

FORM VI
GASOLINE RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 868610

SDG No.:

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2022 14:58 Calibration End Date: 09/27/2022 16:51 Calibration ID: 91436

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL1 460-868610/4	VF0116937.D
Level 2	STDL2 460-868610/5	VF0116938.D
Level 3	STDL3 460-868610/6	VF0116939.D
Level 4	STDL4 460-868610/7	VF0116940.D
Level 5	STDL5 460-868610/8	VF0116941.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
GRO	558551 696358	623229	695005	686012	Ave		651830.880				9.2		20.0			
a,a,a-Trifluorotoluene	523469 785294	672784	860858	825130	Ave		733507.193				18.7		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GASOLINE RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 868610

SDG No.:

Instrument ID: CVOAGC1 GC Column: Rtx-5MS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/27/2022 14:58 Calibration End Date: 09/27/2022 16:51 Calibration ID: 91436

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	STDL1 460-868610/4	VF0116937.D
Level 2	STDL2 460-868610/5	VF0116938.D
Level 3	STDL3 460-868610/6	VF0116939.D
Level 4	STDL4 460-868610/7	VF0116940.D
Level 5	STDL5 460-868610/8	VF0116941.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
GRO	Ave	13963765	62322903	139000973	343005999	696357907	25.0	100	200	500	1000
a,a,a-Trifluorotoluene	Ave	2617350	13455697	43042942	82513085	157059065	5.00	20.0	50.0	100	200

Curve Type Legend
Ave = Average

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116937.D
Lims ID: STDL1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Sep-2022 14:58:31 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0150942-004
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 30-Sep-2022 10:43:31 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1653

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.660	5.655	0.005	2617350	5.00	3.57	
A	2 GRO	6.809	(3.550-10.073)		13963765	25.0	21.4	

Reagents:

VGGROSUi_00121 Amount Added: 1.00 Units: uL
VGGROi_00119 Amount Added: 5.00 Units: uL

Report Date: 30-Sep-2022 10:43:31 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116937.D

Injection Date: 27-Sep-2022 14:58:31 Instrument ID: CVOAGC1

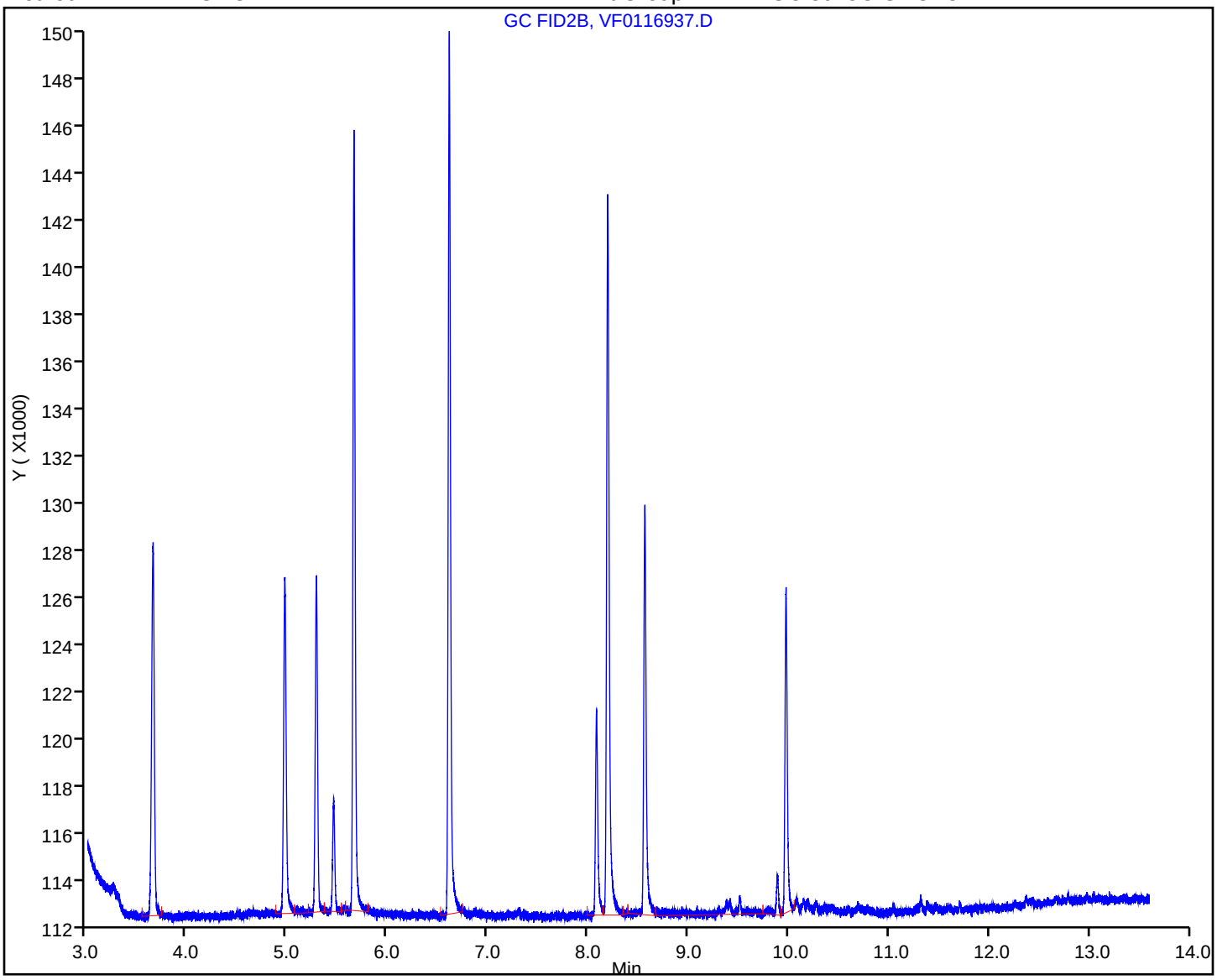
Lims ID: STDL1

Client ID:

Operator ID: GC1 ALS Bottle#: 4 Worklist Smp#: 4

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116938.D
Lims ID: STDL2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Sep-2022 15:26:57 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0150942-005
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 30-Sep-2022 10:43:33 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1653

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.657	5.655	0.002	13455697	20.0	18.3	
A	2 GRO	6.809	(3.550-10.073)		62322903	100.0	95.6	

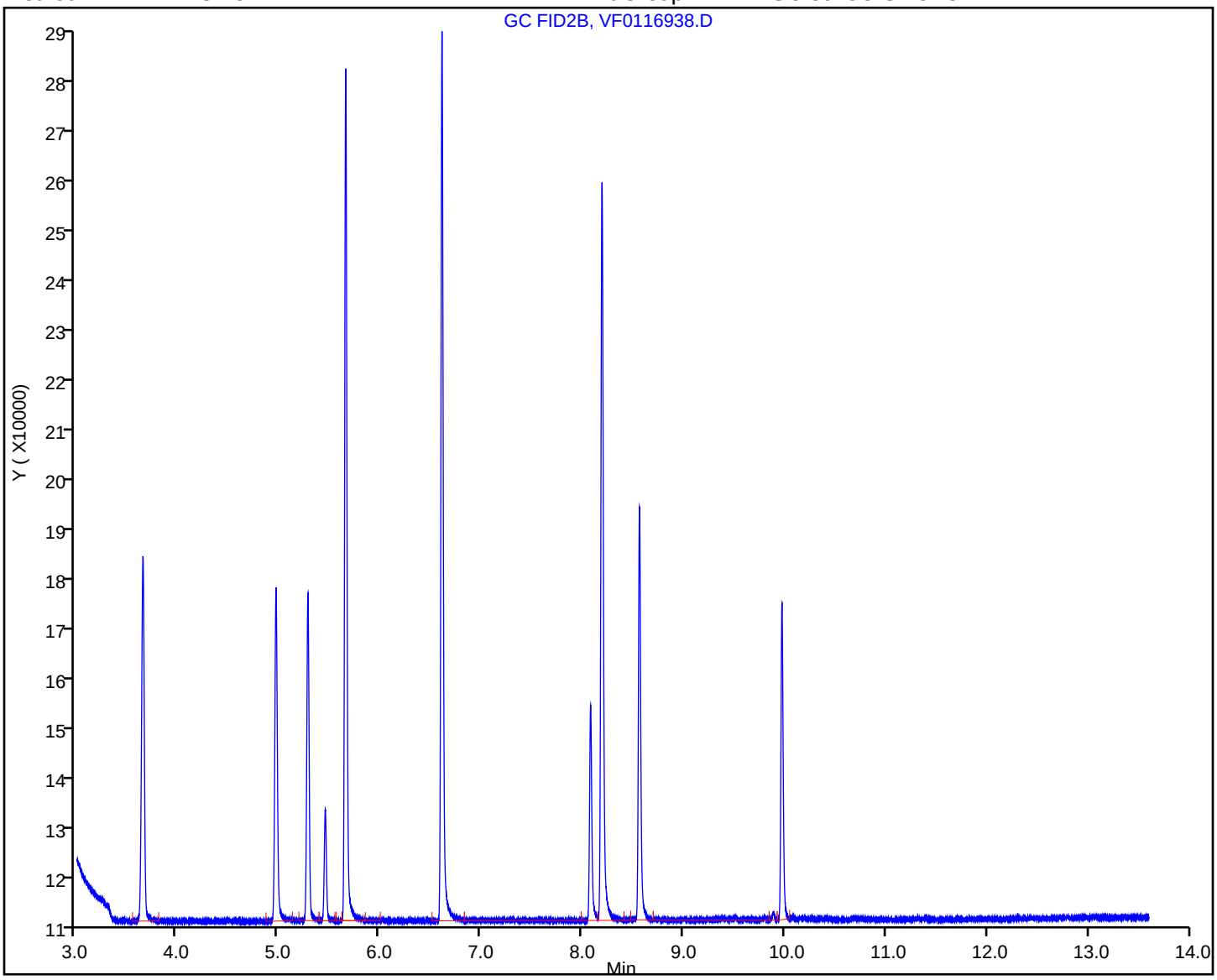
Reagents:

VGGROSUi_00121 Amount Added: 2.00 Units: uL
VGGROi_00119 Amount Added: 10.00 Units: uL

Report Date: 30-Sep-2022 10:43:33 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116938.D				
Injection Date:	27-Sep-2022 15:26:57	Instrument ID:	CVOAGC1		
Lims ID:	STDL2				
Client ID:					
Operator ID:	GC1	ALS Bottle#:	5	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



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Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116939.D				
Lims ID:	STDL3				
Client ID:					
Sample Type:	ICRT	Calib Level:	3		
Inject. Date:	27-Sep-2022 15:55:13	ALS Bottle#:	6	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-0150942-006				
Operator ID:	GC1	Instrument ID:	CVOAGC1		
Sublist:	chrom-GRO1*sub1				
Method:	\\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\GRO1.m				
Limit Group:	GC 8015C GRO ICAL				
Last Update:	30-Sep-2022 10:43:34	Calib Date:	27-Sep-2022 16:51:54		
Integrator:	Genie				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D				
Column 1 :			Det: GC FID2B		
Process Host:	CTX1653				

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.656	5.656	0.000	43042942	50.0	58.7	
A	2 GRO	6.809	(3.550-10.073)		139000973	200.0	213.2	

Reagents:

VGGROSUi_00121	Amount Added:	5.00	Units: uL
VGGROi_00119	Amount Added:	20.00	Units: uL

Report Date: 30-Sep-2022 10:43:34 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116939.D

Injection Date: 27-Sep-2022 15:55:13 Instrument ID: CVOAGC1

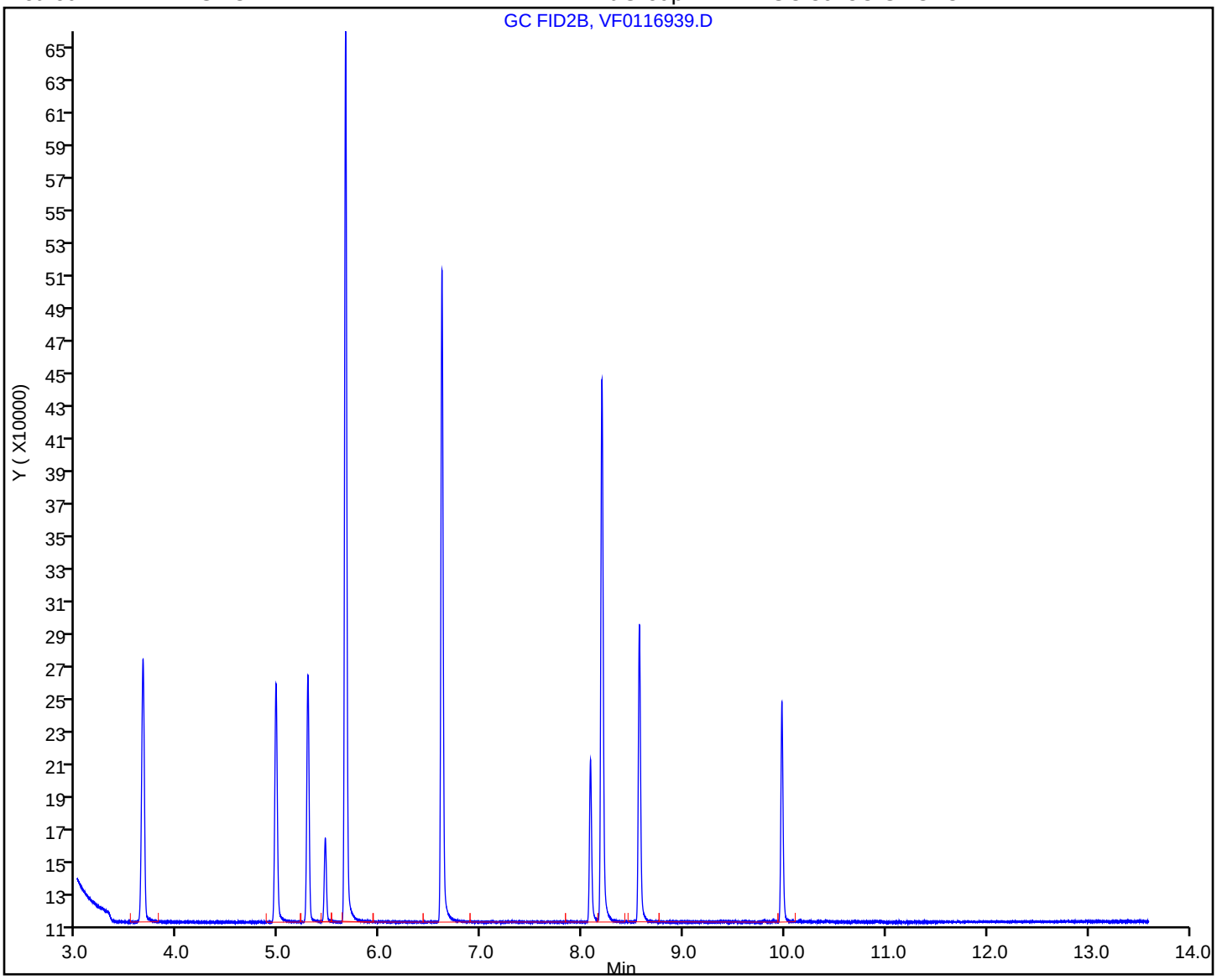
Lims ID: STDL3

Client ID:

Operator ID: GC1 ALS Bottle#: 6 Worklist Smp#: 6

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116940.D
Lims ID: STDL4
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Sep-2022 16:23:34 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0150942-007
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 30-Sep-2022 10:43:36 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1653

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.653	5.656	-0.003	82513085	100.0	112.5	
A	2 GRO	6.809	(3.550-10.073)		343005999	500.0	526.2	

Reagents:

VGGROSUi_00121 Amount Added: 10.00 Units: uL
VGGROi_00119 Amount Added: 50.00 Units: uL

Report Date: 30-Sep-2022 10:43:36 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116940.D

Injection Date: 27-Sep-2022 16:23:34 Instrument ID: CVOAGC1

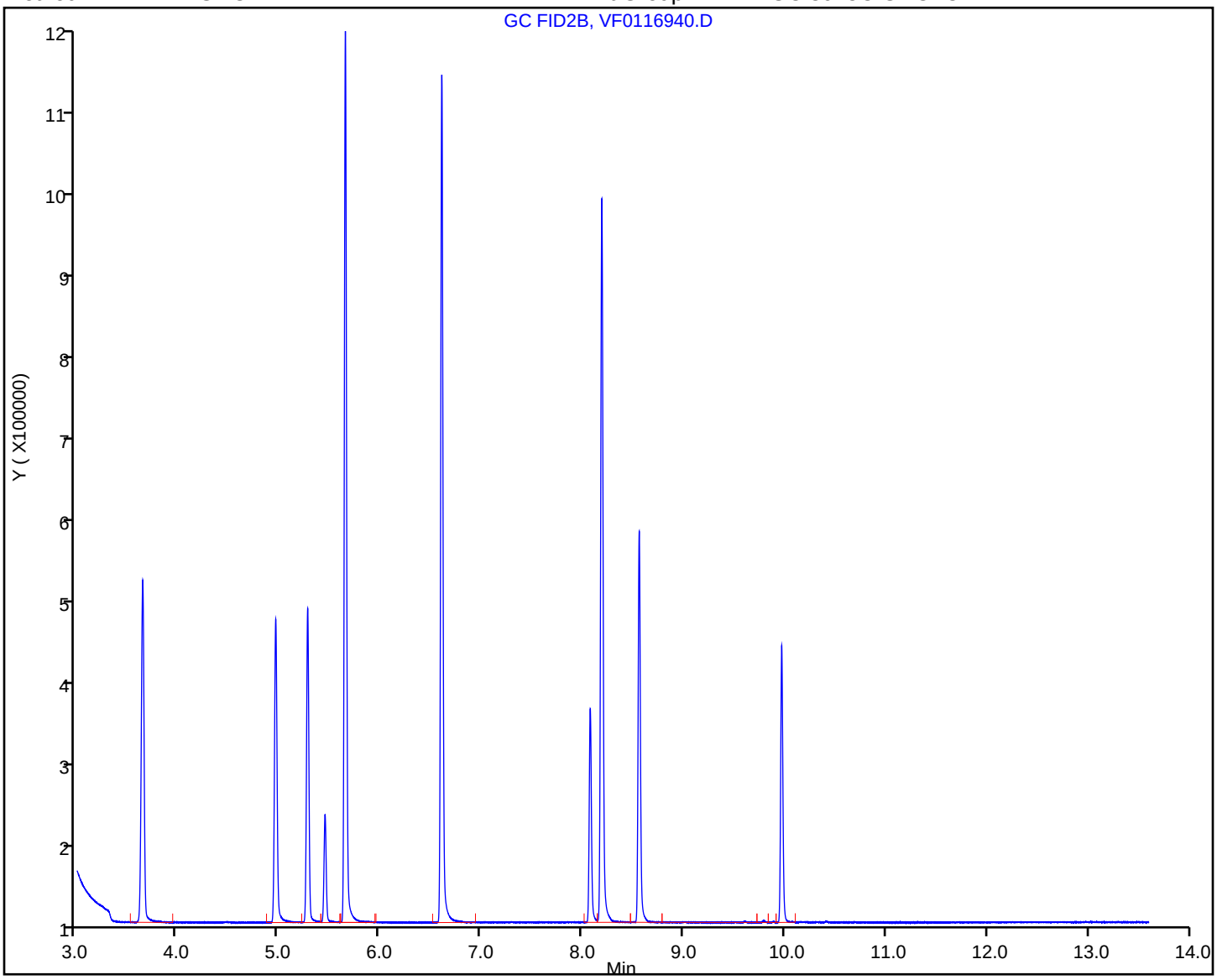
Lims ID: STDL4

Client ID:

Operator ID: GC1 ALS Bottle#: 7 Worklist Smp#: 7

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D
Lims ID: STDL5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 27-Sep-2022 16:51:54 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0150942-008
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 30-Sep-2022 10:43:37 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1653

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.655	5.656	-0.001	157059065	200.0	214.1	
A	2 GRO	6.809	(3.550-10.073)		696357907	1000.0	1068.3	

Reagents:

VGGROSUi_00121 Amount Added: 20.00 Units: uL
VGGROi_00119 Amount Added: 100.00 Units: uL

Report Date: 30-Sep-2022 10:43:38 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Injection Date: 27-Sep-2022 16:51:54 Instrument ID: CVOAGC1

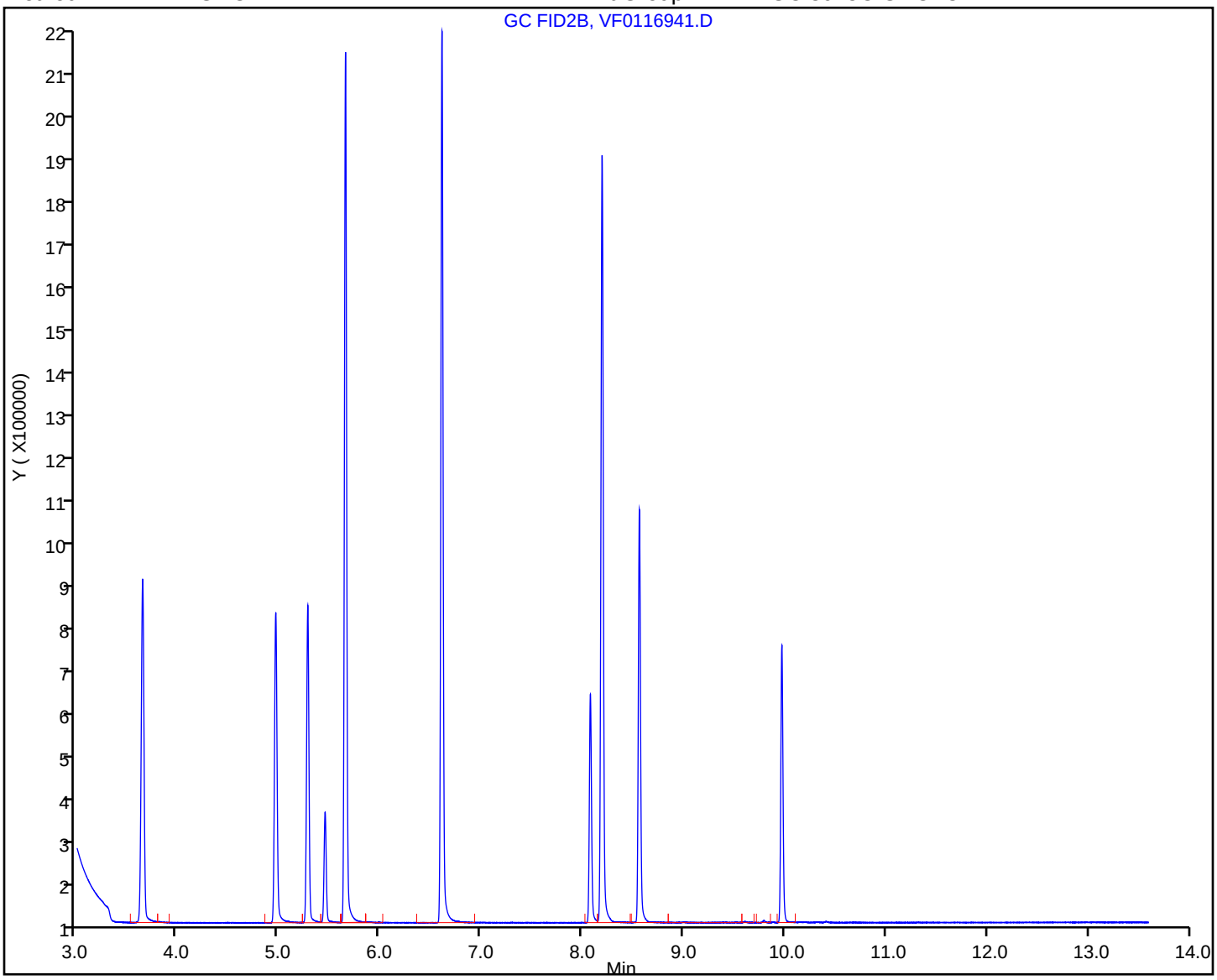
Lims ID: STDL5

Client ID:

Operator ID: GC1 ALS Bottle#: 8 Worklist Smp#: 8

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



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FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-868610/12 Calibration Date: 09/27/2022 18:45

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0116945.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	651831	658873		202	200	1.1	20.0
a,a,a-Trifluorotoluene	Ave	733507	692543		47.2	50.0	-5.6	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-868610/12 Calibration Date: 09/27/2022 18:45

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0116945.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.66	5.56	5.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116945.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Sep-2022 18:45:51 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0150942-012
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist:

Method: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 30-Sep-2022 10:53:28 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1653

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	38 2-Methylpentane	3.651	3.650	0.001	14330354		NC	
$	1 a,a,a-Trifluorotoluene	5.656	5.655	0.001	34627175	50.0	47.2	
A	2 GRO	6.809	(3.550-10.073)		131774569	200.0	202.2	
	39 1,2,4-Trimethylbenzene	9.971	9.973	-0.002	10681226		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGROSUi_00121 Amount Added: 5.00 Units: uL
VSSGROi_00050 Amount Added: 20.00 Units: uL

Report Date: 30-Sep-2022 10:53:30 Chrom Revision: 2.3 28-Sep-2022 12:57:42

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116945.D

Injection Date: 27-Sep-2022 18:45:51 Instrument ID: CVOAGC1

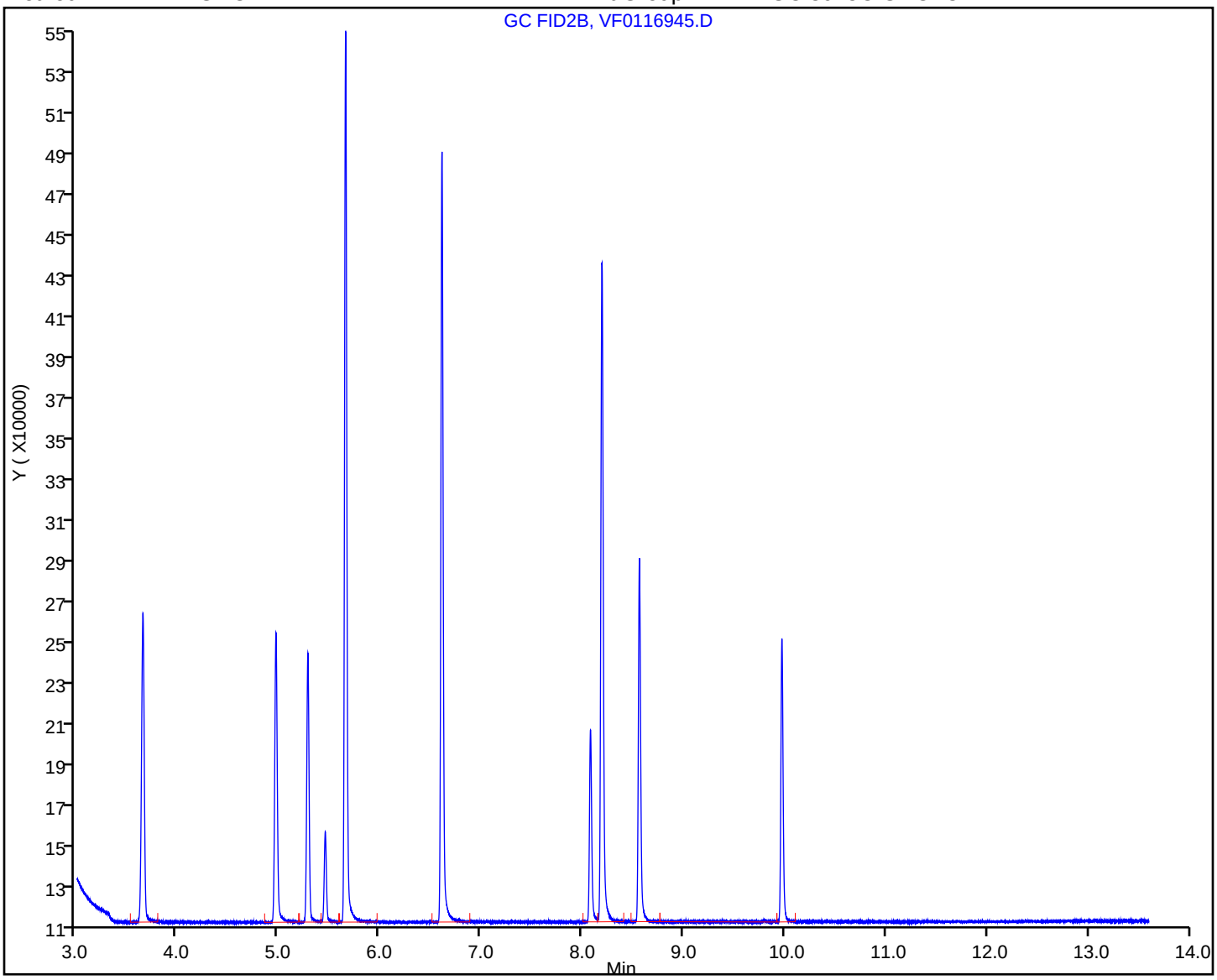
Lims ID: ICV

Client ID:

Operator ID: GC1 ALS Bottle#: 12 Worklist Smp#: 12

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-903953/1 Calibration Date: 04/19/2023 09:25

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0119615.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	651831	667640		205	200	2.4	20.0
a,a,a-Trifluorotoluene	Ave	733507	806691		55.0	50.0	10.0	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-903953/1 Calibration Date: 04/19/2023 09:25

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0119615.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.65	5.55	5.75

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119615.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 19-Apr-2023 09:25:32 ALS Bottle#: 42 Worklist Smp#: 1
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 13:30:51 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1615

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.654	5.654	0.000	40334585	50.0	55.0	
A	2 GRO	6.808	(3.548-10.068)		133527908	200.0	204.9	

Reagents:

VGGROSUi_00122 Amount Added: 5.00 Units: uL
VGGROi_00122 Amount Added: 20.00 Units: uL

Report Date: 19-Apr-2023 13:30:51 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119615.D

Injection Date: 19-Apr-2023 09:25:32 Instrument ID: CVOAGC1

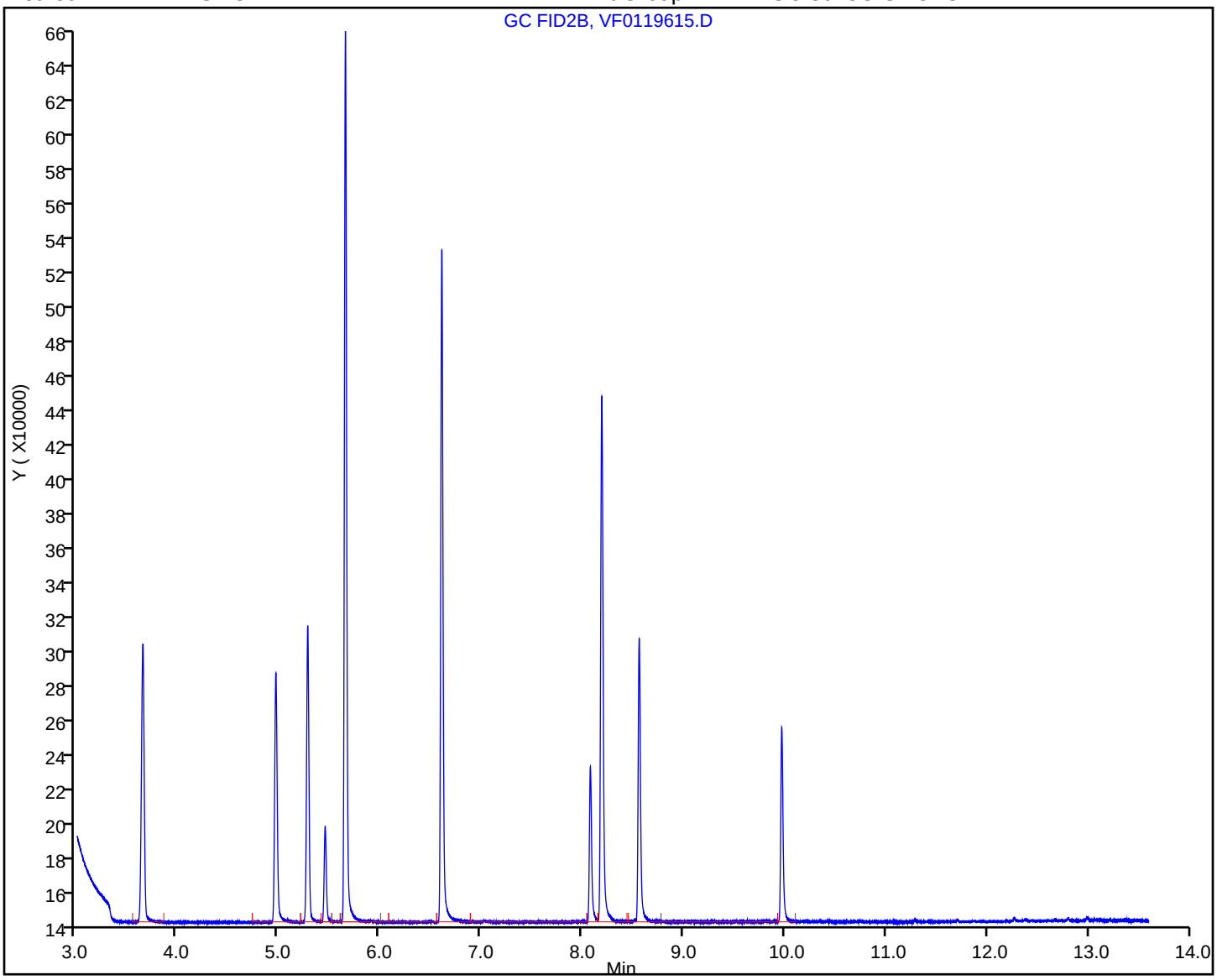
Lims ID: CCVRT

Client ID:

Operator ID: GC1 ALS Bottle#: 42 Worklist Smp#: 1

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903953/17 Calibration Date: 04/19/2023 17:28

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0119631.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	651831	626613		192	200	-3.9	20.0
a,a,a-Trifluorotoluene	Ave	733507	734005		50.0	50.0	0.0	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903953/17 Calibration Date: 04/19/2023 17:28

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0119631.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.65	5.55	5.75

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119631.D				
Lims ID:	CCV				
Client ID:					
Sample Type:	CCV				
Inject. Date:	19-Apr-2023 17:28:25	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	460-0159299-017				
Operator ID:	GC1	Instrument ID:	CVOAGC1		
Sublist:	chrom-GRO1*sub1				
Method:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m				
Limit Group:	GC 8015C GRO ICAL				
Last Update:	20-Apr-2023 08:22:13	Calib Date:	27-Sep-2022 16:51:54		
Integrator:	Genie				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D				
Column 1 :			Det: GC FID2B		
Process Host:	CTX1679				

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.654	5.654	0.000	36700275	50.0	50.0	
A	2 GRO	6.808	(3.548-10.068)		125322640	200.0	192.3	

Reagents:

VGGROSUi_00122	Amount Added:	5.00	Units: uL
VGGROi_00122	Amount Added:	20.00	Units: uL

Report Date: 20-Apr-2023 08:22:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119631.D

Injection Date: 19-Apr-2023 17:28:25 Instrument ID: CVOAGC1

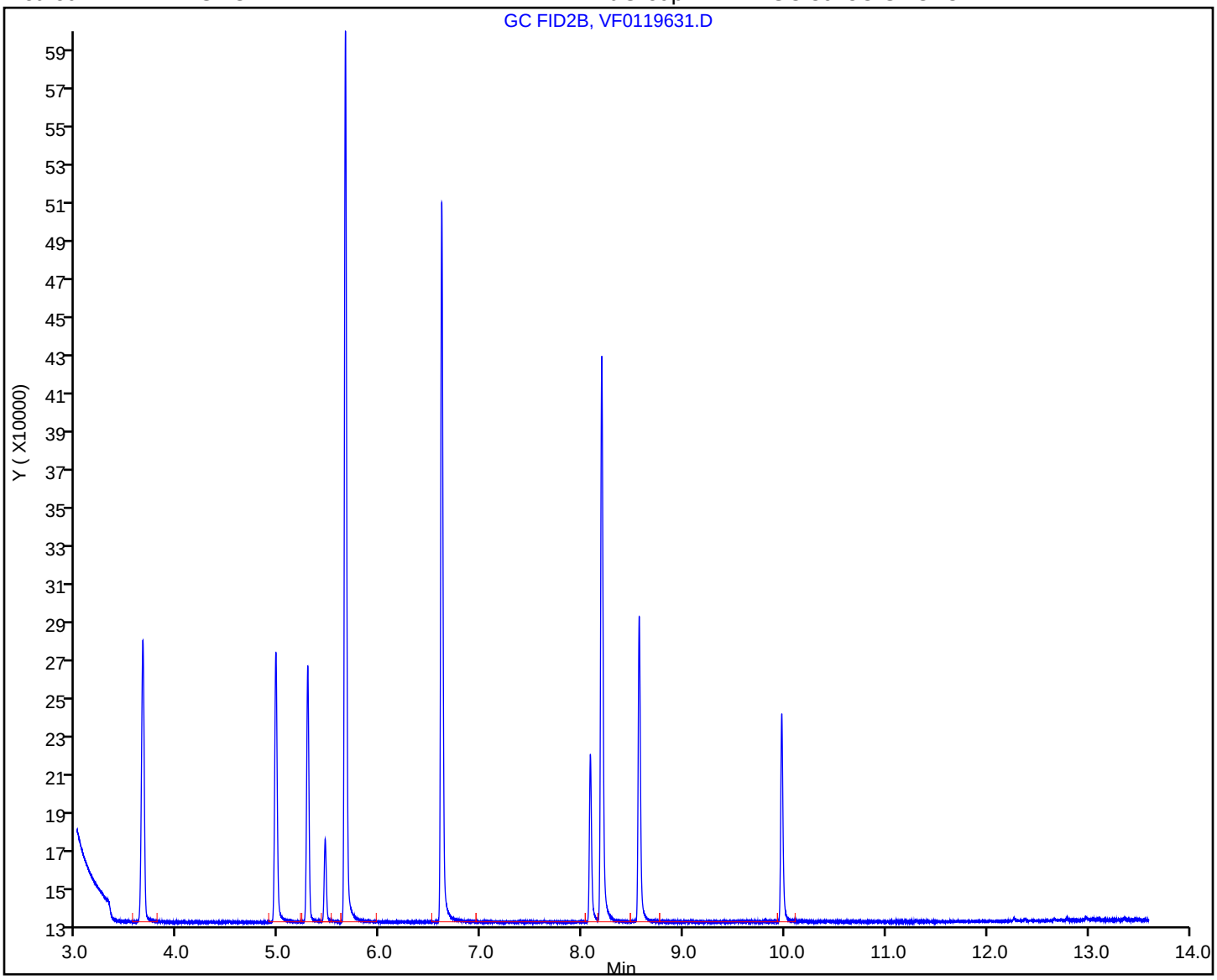
Lims ID: CCV

Client ID:

Operator ID: GC1 ALS Bottle#: 16 Worklist Smp#: 17

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903953/22 Calibration Date: 04/20/2023 07:53

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0119636.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
GRO	Ave	651831	641581		197	200	-1.6	20.0
a,a,a-Trifluorotoluene	Ave	733507	767274		52.3	50.0	4.6	20.0

FORM VII
GASOLINE RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903953/22 Calibration Date: 04/20/2023 07:53

Instrument ID: CVOAGC1 Calib Start Date: 09/27/2022 14:58

GC Column: Rtx-5MS ID: 0.25(mm) Calib End Date: 09/27/2022 16:51

Lab File ID: VF0119636.D Heated Purge: (Y/N) N

Analyte	RT	RT WINDOW	
		FROM	TO
GRO	6.81	3.55	10.07
a,a,a-Trifluorotoluene	5.65	5.55	5.75

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119636.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 07:53:01 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 460-0159299-022
Operator ID: GC1 Instrument ID: CVOAGC1
Sublist: chrom-GRO1*sub1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 20-Apr-2023 08:15:14 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1679

First Level Reviewer: K0HS Date: 20-Apr-2023 08:15:14

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.652	5.654	-0.002	38363760	50.0	52.3	
A	2 GRO	6.808	(3.548-10.068)		128316114	200.0	196.9	

QC Flag Legend
Processing Flags

Reagents:
VGGROSUi_00122 Amount Added: 5.00 Units: uL
VGGROi_00122 Amount Added: 20.00 Units: uL

Report Date: 20-Apr-2023 08:15:15 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119636.D

Injection Date: 20-Apr-2023 07:53:01 Instrument ID: CVOAGC1

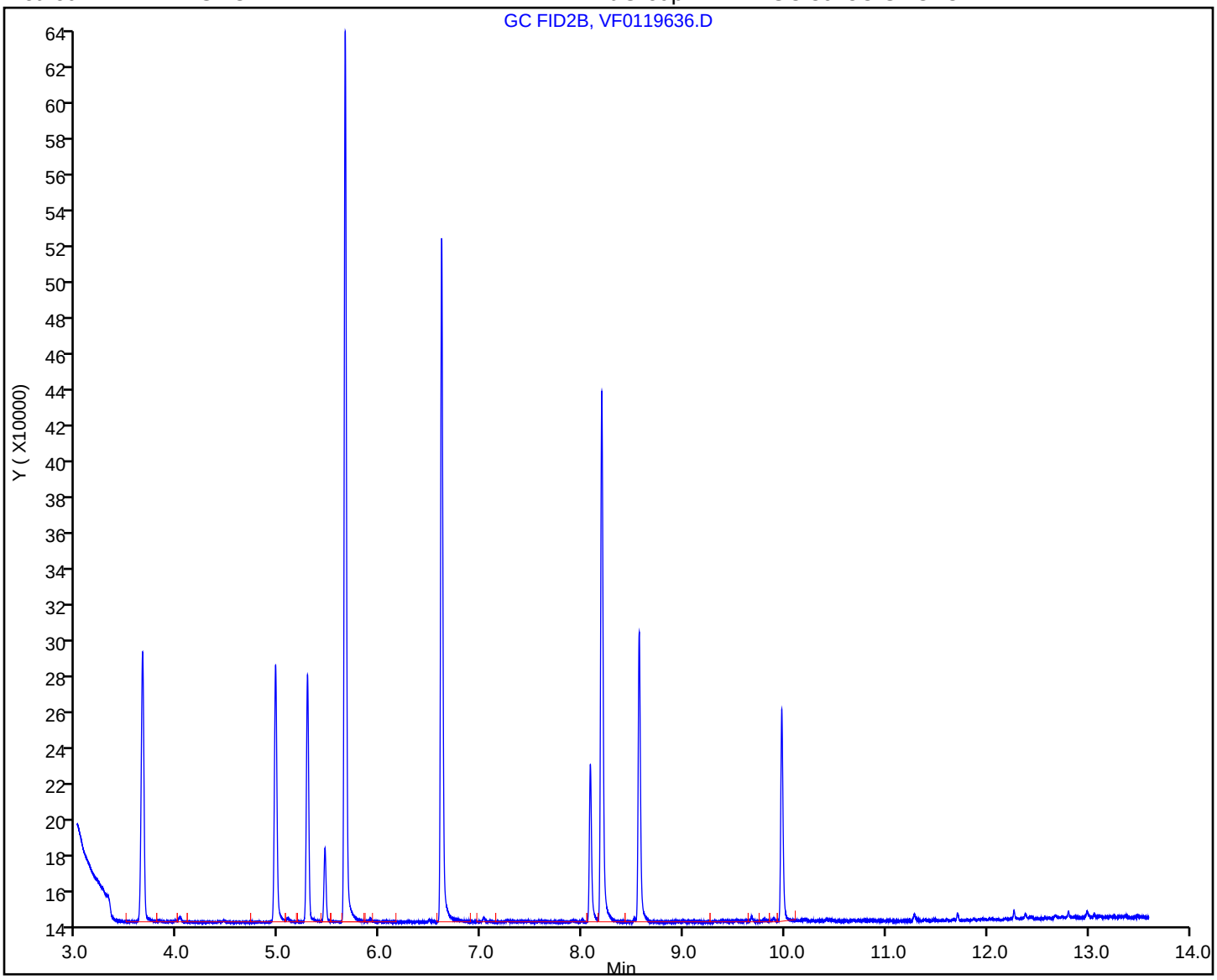
Lims ID: CCV

Client ID:

Operator ID: GC1 ALS Bottle#: 21 Worklist Smp#: 22

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



4/26/2023 9:25 PM

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-903953/5

Matrix: Solid | Lab File ID: VF0119619.D

Analysis Method: 8015D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/19/2023 11:45

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	2.5	U	2.5	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	115		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119619.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 19-Apr-2023 11:45:50 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0159299-005
Operator ID: GC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 10:35:08 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1615

First Level Reviewer: K0HS Date: 19-Apr-2023 12:36:52

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$	1 a,a,a-Trifluorotoluene	5.655	5.654	0.001	42108225	50.0	57.4	
A	2 GRO	6.808	(3.548-10.068)		397936		0.6105	

QC Flag Legend

Processing Flags

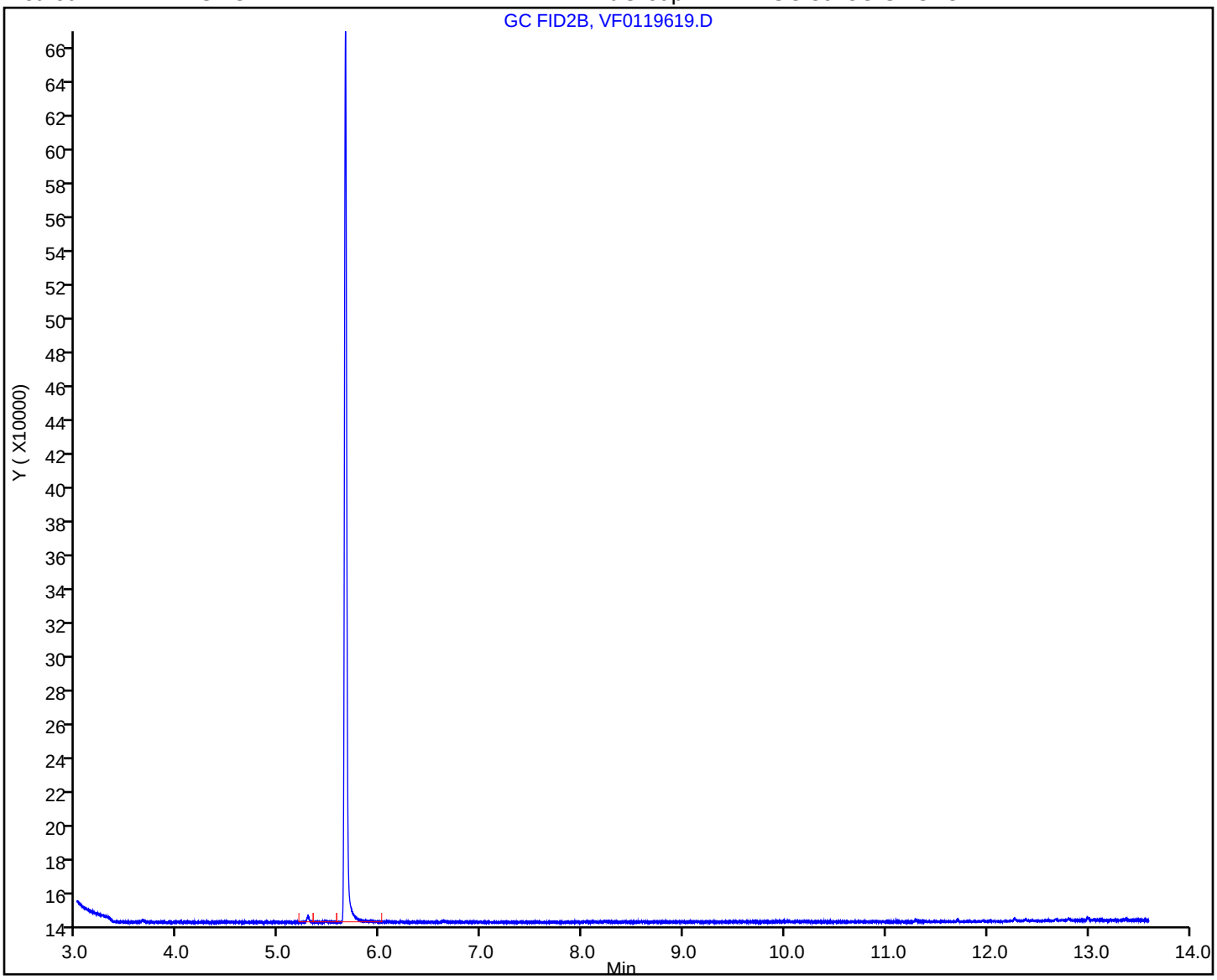
Reagents:

VGGROSUi_00122 Amount Added: 5.00 Units: uL

Report Date: 19-Apr-2023 12:36:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119619.D				
Injection Date:	19-Apr-2023 11:45:50	Instrument ID:	CVOAGC1		
Lims ID:	MB				
Client ID:					
Operator ID:	GC1	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	50.0000		
Method:	GRO1	Limit Group:	GC 8015C GRO ICAL		



4/26/2023 9:25 PM

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-903953/2

Matrix: Solid | Lab File ID: VF0119616.D

Analysis Method: 8015D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/19/2023 10:21

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	21.6		2.5	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	108		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119616.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 19-Apr-2023 10:21:54 ALS Bottle#: 1 Worklist Smp#: 2
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0159299-002
Operator ID: GC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 11:48:23 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1615

Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 2-Methylpentane	3.651	3.650	0.001	17339624		NC	
$ 1 a,a,a-Trifluorotoluene	5.654	5.654	0.000	39542387	50.0	53.9	
A 2 GRO	6.808	(3.548-10.068)		140583704	200.0	215.7	
39 1,2,4-Trimethylbenzene	9.971	9.973	-0.002	9193534		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGROSUi_00122 Amount Added: 5.00 Units: uL
VSSGROi_00051 Amount Added: 20.00 Units: uL

Report Date: 19-Apr-2023 11:48:25 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119616.D

Injection Date: 19-Apr-2023 10:21:54 Instrument ID: CVOAGC1

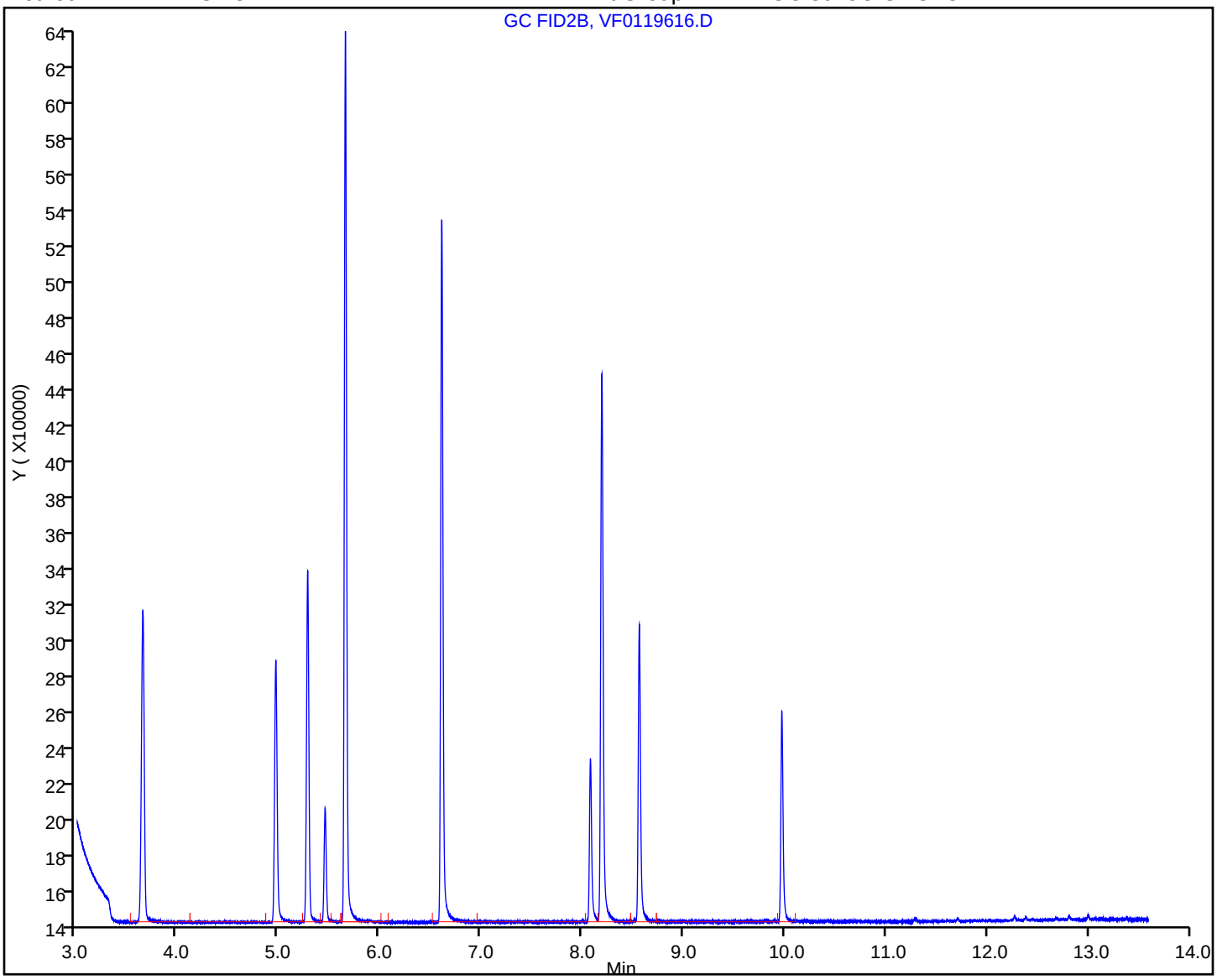
Lims ID: LCS

Client ID:

Operator ID: GC1 ALS Bottle#: 1 Worklist Smp#: 2

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



4/26/2023 9:25 PM

FORM I
GASOLINE RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-903953/3

Matrix: Solid | Lab File ID: VF0119617.D

Analysis Method: 8015D | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 04/19/2023 10:49

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 50

Soil Extract Vol.: 10(mL) | GC Column: Rtx-5MS ID: 0.25(mm)

Purge Volume: | Heated Purge: (Y/N) N pH:

% Moisture: % Solids: | Level: (low/med) Medium

Analysis Batch No.: 903953 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00215	GRO	20.7		2.5	2.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
98-08-8	a,a,a-Trifluorotoluene	114		75-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119617.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 19-Apr-2023 10:49:44 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 50.0000
Sample Info: 460-0159299-003
Operator ID: GC1 Instrument ID: CVOAGC1

Method: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\GRO1.m
Limit Group: GC 8015C GRO ICAL
Last Update: 19-Apr-2023 11:48:23 Calib Date: 27-Sep-2022 16:51:54
Integrator: Genie
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CVOAGC1\20220927-150942.b\VF0116941.D

Column 1 : Det: GC FID2B
Process Host: CTX1615

	Compound	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	38 2-Methylpentane	3.651	3.650	0.001	15387419		NC	
$	1 a,a,a-Trifluorotoluene	5.654	5.654	0.000	41778385	50.0	57.0	
A	2 GRO	6.808	(3.548-10.068)		134680359	200.0	206.6	
	39 1,2,4-Trimethylbenzene	9.969	9.973	-0.004	8980525		NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

VGGROSUi_00122 Amount Added: 5.00 Units: uL
VSSGROi_00051 Amount Added: 20.00 Units: uL

Report Date: 19-Apr-2023 11:48:26 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CVOAGC1\20230419-159299.b\VF0119617.D

Injection Date: 19-Apr-2023 10:49:44 Instrument ID: CVOAGC1

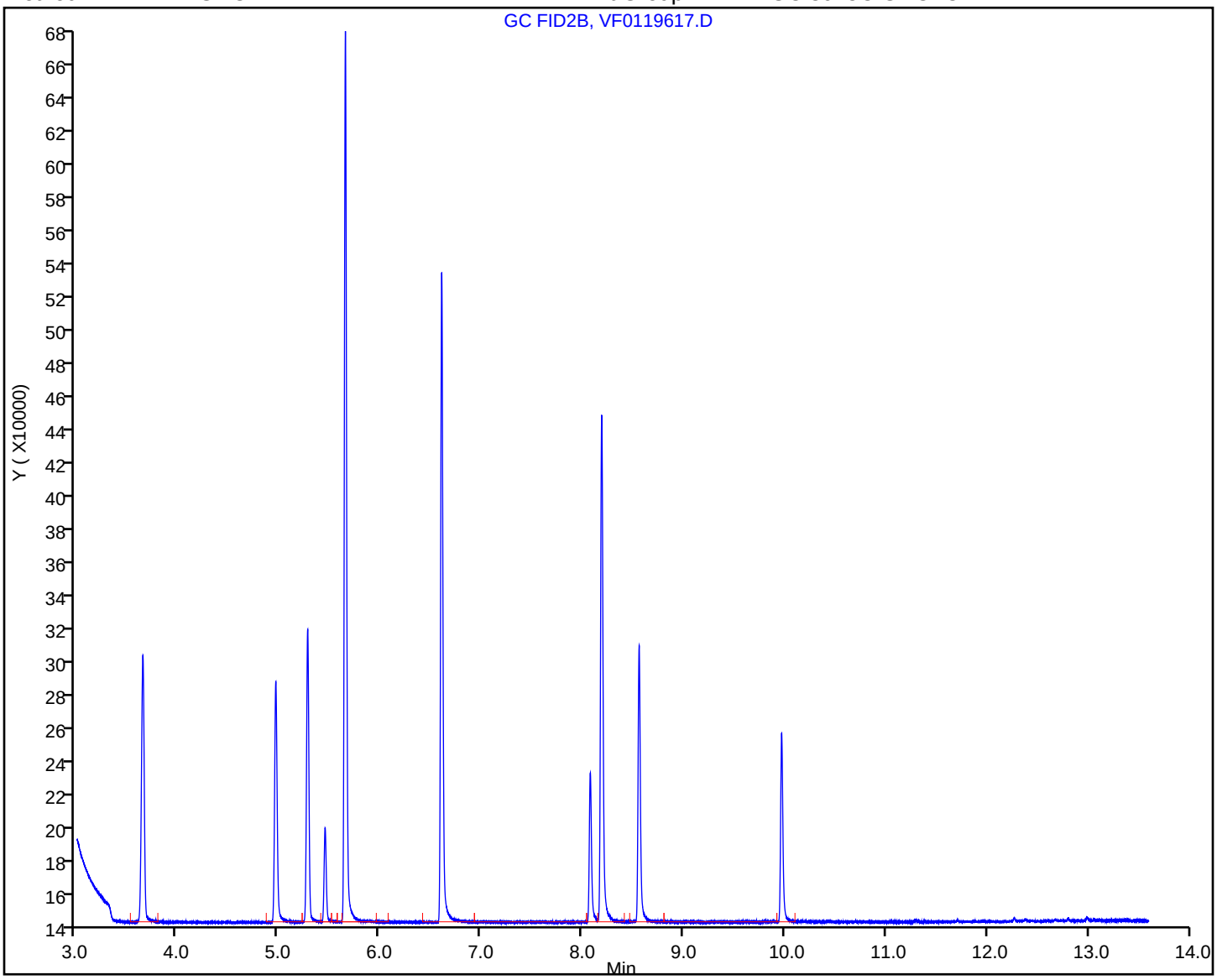
Lims ID: LCSD

Client ID:

Operator ID: GC1 ALS Bottle#: 2 Worklist Smp#: 3

Purge Vol: 5.000 mL Dil. Factor: 50.0000

Method: GRO1 Limit Group: GC 8015C GRO ICAL



4/26/2023 9:25 PM

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CVOAGC1 Start Date: 09/27/2022 13:33

Analysis Batch Number: 868610 End Date: 09/27/2022 18:45

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
RTC 460-868610/1		09/27/2022 13:33	1		Rtx-5MS 0.25(mm)
STDL1 460-868610/4 IC		09/27/2022 14:58	1	VF0116937.D	Rtx-5MS 0.25(mm)
STDL2 460-868610/5 IC		09/27/2022 15:26	1	VF0116938.D	Rtx-5MS 0.25(mm)
STDL3 460-868610/6 ICRT		09/27/2022 15:55	1	VF0116939.D	Rtx-5MS 0.25(mm)
STDL4 460-868610/7 IC		09/27/2022 16:23	1	VF0116940.D	Rtx-5MS 0.25(mm)
STDL5 460-868610/8 IC		09/27/2022 16:51	1	VF0116941.D	Rtx-5MS 0.25(mm)
ICV 460-868610/12		09/27/2022 18:45	1	VF0116945.D	Rtx-5MS 0.25(mm)

GASOLINE RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CVOAGC1 Start Date: 04/19/2023 09:25

Analysis Batch Number: 903953 End Date: 04/20/2023 07:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-903953/1		04/19/2023 09:25	1	VF0119615.D	Rtx-5MS 0.25(mm)
LCS 460-903953/2		04/19/2023 10:21	50	VF0119616.D	Rtx-5MS 0.25(mm)
LCSD 460-903953/3		04/19/2023 10:49	50	VF0119617.D	Rtx-5MS 0.25(mm)
MB 460-903953/5		04/19/2023 11:45	50	VF0119619.D	Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 12:14	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 12:42	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 13:10	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 13:38	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 14:06	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 14:35	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 15:03	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 15:32	50		Rtx-5MS 0.25(mm)
ZZZZZ		04/19/2023 16:01	50		Rtx-5MS 0.25(mm)
460-278409-1	WC-A-E-1(0-3)	04/19/2023 16:30	50	VF0119629.D	Rtx-5MS 0.25(mm)
CCV 460-903953/17		04/19/2023 17:28	1	VF0119631.D	Rtx-5MS 0.25(mm)
460-278409-7	WC-A-E-2(0-3)	04/19/2023 17:57	50	VF0119632.D	Rtx-5MS 0.25(mm)
460-278409-13	WC-A-E-3(0-3)	04/19/2023 18:25	50	VF0119633.D	Rtx-5MS 0.25(mm)
460-278409-19	WC-A-E-4(0-3)	04/19/2023 18:53	50	VF0119634.D	Rtx-5MS 0.25(mm)
CCV 460-903953/22		04/20/2023 07:53	1	VF0119636.D	Rtx-5MS 0.25(mm)

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 868610 Batch Start Date: 09/27/22 13:33 Batch Analyst: Martinez, Eddie

Batch Method: 8015D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VGGROi 00119	VGGROSUi 00121	VSSGROi 00050	
STDL1 460-868610/4 IC		8015D		5 mL	5 mL	5 uL	1 uL		
STDL2 460-868610/5 IC		8015D		5 mL	5 mL	10 uL	2 uL		
STDL3 460-868610/6 ICRT		8015D		5 mL	5 mL	20 uL	5 uL		
STDL4 460-868610/7 IC		8015D		5 mL	5 mL	50 uL	10 uL		
STDL5 460-868610/8 IC		8015D		5 mL	5 mL	100 uL	20 uL		
ICV 460-868610/12		8015D		5 mL	5 mL		5 uL	20 uL	

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903921 Batch Start Date: 04/19/23 08:13 Batch Analyst: Shelton, Samantha A

Batch Method: 5035 Batch End Date: 04/19/23 08:15

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount	VGPrepSU 00303	
460-278409-B-1	WC-A-E-1(0-3)	5035, 8015D	T	+029.925 g	36.85 g	6.925 g	5 mL	5 mL	
460-278409-B-7	WC-A-E-2(0-3)	5035, 8015D	T	+029.673 g	36.42 g	6.747 g	5 mL	5 mL	
460-278409-B-13	WC-A-E-3(0-3)	5035, 8015D	T	+029.621 g	35.77 g	6.149 g	5 mL	5 mL	
460-278409-B-19	WC-A-E-4(0-3)	5035, 8015D	T	+029.952 g	36.40 g	6.448 g	5 mL	5 mL	

Batch Notes	
Balance ID	190228030
Blank Matrix ID	170485
Pipette/Syringe/Dispenser ID	6
Vial Lot Number	0126501H
Batch Comment	Methanol lot 22C2862010

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GASOLINE RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903953 Batch Start Date: 04/19/23 09:25 Batch Analyst: Martinez, Eddie

Batch Method: 8015D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VGGROi 00122	VGGROSUi 00122	VSSGROi 00051	
CCVRT 460-903953/1		8015D		5 mL	5 mL	20 uL	5 uL		
LCS 460-903953/2		8015D		5 mL	10 mL		5 uL	20 uL	
LCSD 460-903953/3		8015D		5 mL	10 mL		5 uL	20 uL	
MB 460-903953/5		8015D		5 mL	10 mL		5 uL		
460-278409-B-1-A	WC-A-E-1(0-3)	8015D	T	5 mL	5 mL				
CCV 460-903953/17		8015D		5 mL	5 mL	20 uL	5 uL		
460-278409-B-7-A	WC-A-E-2(0-3)	8015D	T	5 mL	5 mL				
460-278409-B-13-A	WC-A-E-3(0-3)	8015D	T	5 mL	5 mL				
460-278409-B-19-A	WC-A-E-4(0-3)	8015D	T	5 mL	5 mL				
CCV 460-903953/22		8015D		5 mL	5 mL	20 uL	5 uL		

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8015D_DRO

Diesel Range Orgnics (DRO) (GC)

FORM II
DIESEL RANGE ORGANICS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-Mineral ID: 0.32(mm)

Client Sample ID	Lab Sample ID	OTPH #
WC-A-E-1(0-3)	460-278409-1	1073 S1+
WC-A-E-2(0-3)	460-278409-7	190 S1+
WC-A-E-3(0-3)	460-278409-13	93
WC-A-E-4(0-3)	460-278409-19	101
	MB 460-904212/1-A	99
	LCS 460-904212/2-A	117
	LCSD 460-904212/3-A	123

	QC LIMITS
OTPH = o-Terphenyl	10-150

Column to be used to flag recovery values

FORM II 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 3R0004168.D

Lab ID: LCS 460-904212/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Diesel Range Organics [C10-C28]	60.0	53.8	90	49-125	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM III
DIESEL RANGE ORGANICS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 3R0004169.D

Lab ID: LCSD 460-904212/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Diesel Range Organics [C10-C28]	60.0	56.3	94	4	30	49-125	

Column to be used to flag recovery and RPD values

FORM III 8015D

FORM IV
DIESEL RANGE ORGANICS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab File ID: 3R0004167.D Lab Sample ID: MB 460-904212/1-A

Matrix: Solid Date Extracted: 04/20/2023 11:11

Instrument ID: CBNAGC3 Date Analyzed: 04/21/2023 10:41

Level:(Low/Med) Low

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 460-904212/2-A	3R0004168.D	04/21/2023 11:03
	LCSD 460-904212/3-A	3R0004169.D	04/21/2023 11:18
WC-A-E-2(0-3)	460-278409-7	3R0004171.D	04/21/2023 11:49
WC-A-E-3(0-3)	460-278409-13	3R0004172.D	04/21/2023 12:05
WC-A-E-1(0-3)	460-278409-1	3R0004176.D	04/21/2023 12:58
WC-A-E-4(0-3)	460-278409-19	3R0004186.D	04/21/2023 16:07

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-902459/4 Date Analyzed: 04/11/2023 12:54

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral Oil ID: 0.32(mm)

Lab File ID (Standard): 3R0004080.D Heated Purge: (Y/N) N

Calibration ID: 92640

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
INITIAL CALIBRATION SURROGATE				3.34		
UPPER LIMIT				3.44		
LOWER LIMIT				3.24		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
IC 460-902459/4 ICRT		04/11/2023 12:54	3R0004080.D	3.34		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
DIESEL RANGE ORGANICS ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVRT 460-904427/3 Date Analyzed: 04/21/2023 10:26

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral Oil ID: 0.32(mm)

Lab File ID (Standard): 3R0004166.D Heated Purge: (Y/N) N

Calibration ID: 92640

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				OTPH		
				RT #		
CONTINUING CALIBRATION SURROGATE				3.33		
UPPER LIMIT				3.43		
LOWER LIMIT				3.23		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-904427/3		04/21/2023 10:26	3R0004166.D	3.33		
MB 460-904212/1-A		04/21/2023 10:41	3R0004167.D	3.33		
LCS 460-904212/2-A		04/21/2023 11:03	3R0004168.D	3.33		
LCSD 460-904212/3-A		04/21/2023 11:18	3R0004169.D	3.34		
460-278409-7	WC-A-E-2(0-3)	04/21/2023 11:49	3R0004171.D	3.33		
460-278409-13	WC-A-E-3(0-3)	04/21/2023 12:05	3R0004172.D	3.34		
460-278409-1	WC-A-E-1(0-3)	04/21/2023 12:58	3R0004176.D	3.33		
CCV 460-904427/15		04/21/2023 14:02	3R0004178.D	3.33		
460-278409-19	WC-A-E-4(0-3)	04/21/2023 16:07	3R0004186.D	3.33		
PIBLK 460-904427/25		04/21/2023 16:45	3R0004188.D	3.33		
CCV 460-904427/26		04/21/2023 17:01	3R0004189.D	3.33		

OTPH = o-Terphenyl

OTPH RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) | Lab Sample ID: 460-278409-1

Matrix: Solid | Lab File ID: 3R0004176.D

Analysis Method: 8015D | Date Collected: 04/17/2023 13:40

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.00(g) | Date Analyzed: 04/21/2023 12:58

Con. Extract Vol.: 1(mL) | Dilution Factor: 10

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 9.2 % Solids: 90.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	51	J	74	7.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	1073	S1+	10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004176.D
Lims ID: 460-278409-F-1-B
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 12:58:38 ALS Bottle#: 63 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 10.0000
Sample Info: 460-0159410-013
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 23-Apr-2023 08:18:49 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1675

First Level Reviewer: C0TZ Date: 21-Apr-2023 15:20:10

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
A	2 C10-C28					M
	3.006	(1.204-4.808)		1323216	69.6	M
$	4 o-Terphenyl					
	3.334	3.331	0.003	434078	21.5	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

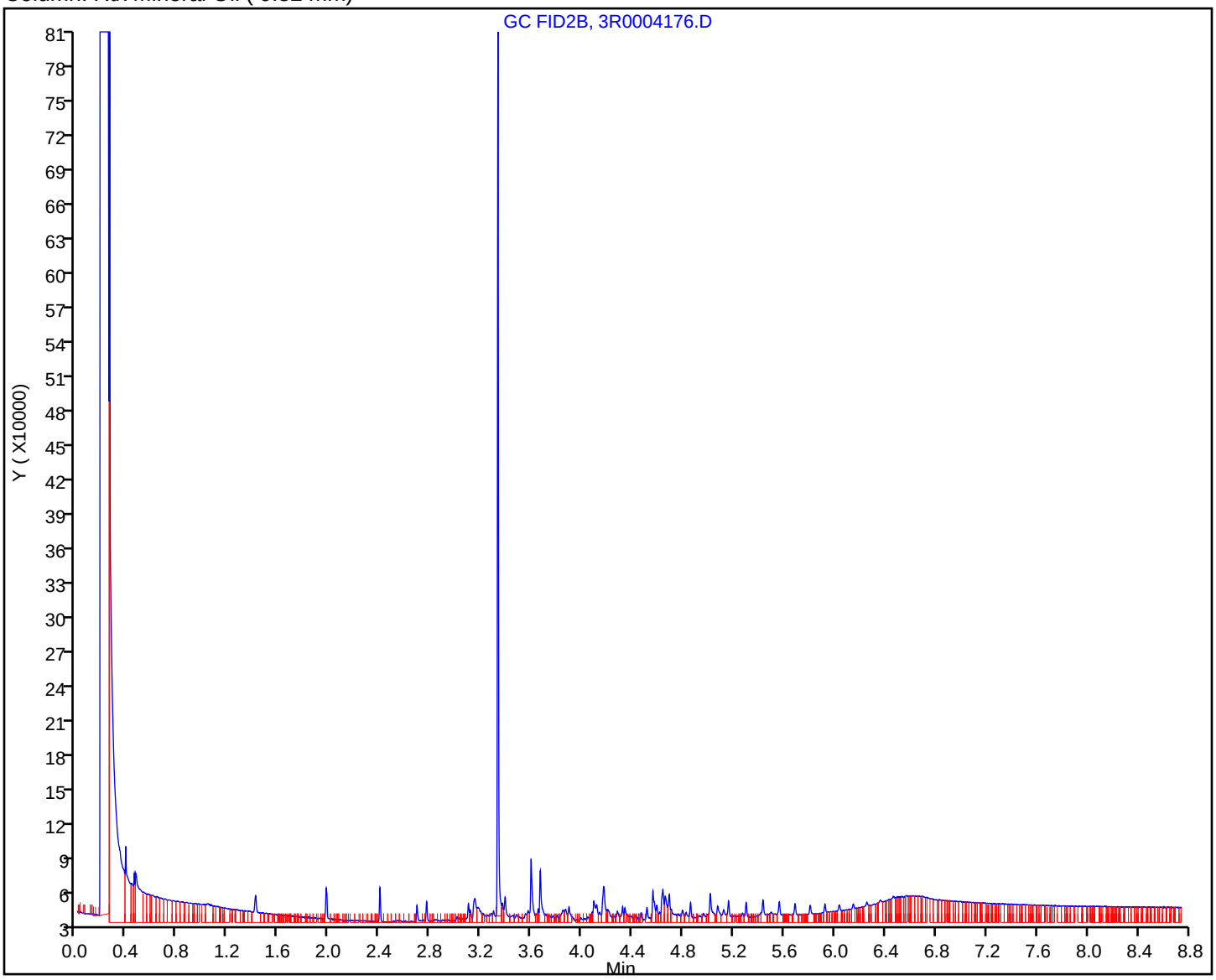
Report Date: 23-Apr-2023 08:29:22 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004176.D

Injection Date:	21-Apr-2023 12:58:38	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-F-1-B	Lab Sample ID:	460-278409-1		
Client ID:	WC-A-E-1(0-3)				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



Manual Integration/User Assign Peak Report

Eurofins Edison

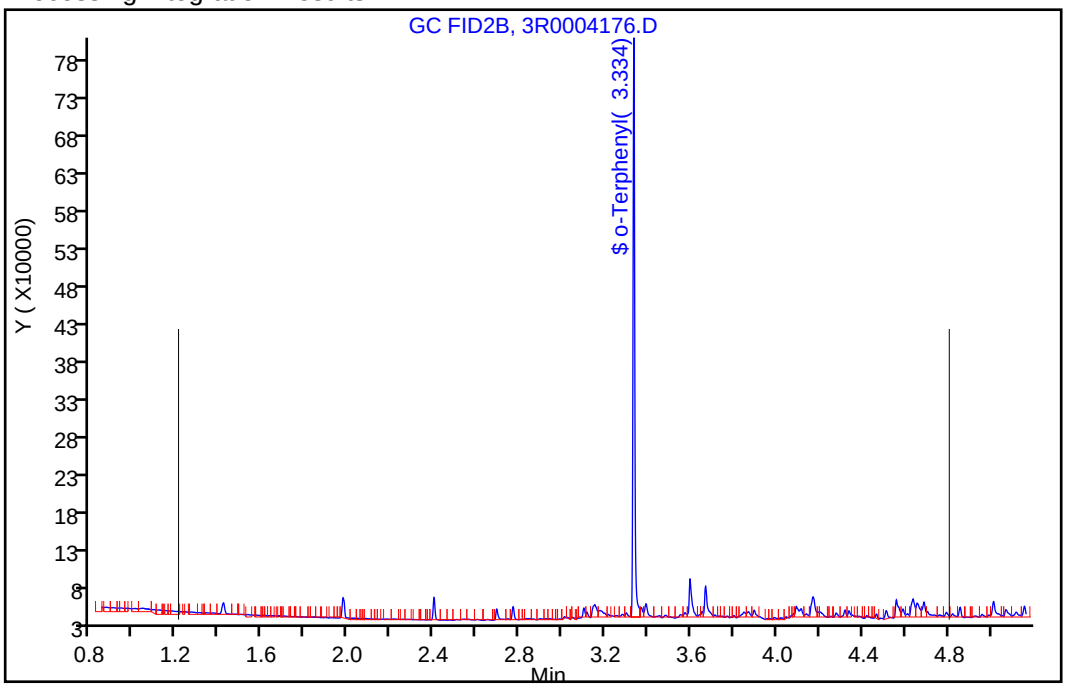
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004176.D				
Injection Date:	21-Apr-2023 12:58:38	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-F-1-B	Lab Sample ID:	460-278409-1		
Client ID:	WC-A-E-1(0-3)				
Operator ID:		ALS Bottle#:	63	Worklist Smp#:	13
Injection Vol:	1.0 ul	Dil. Factor:	10.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, RT: 3.006, CAS: STL00143

Signal: 1

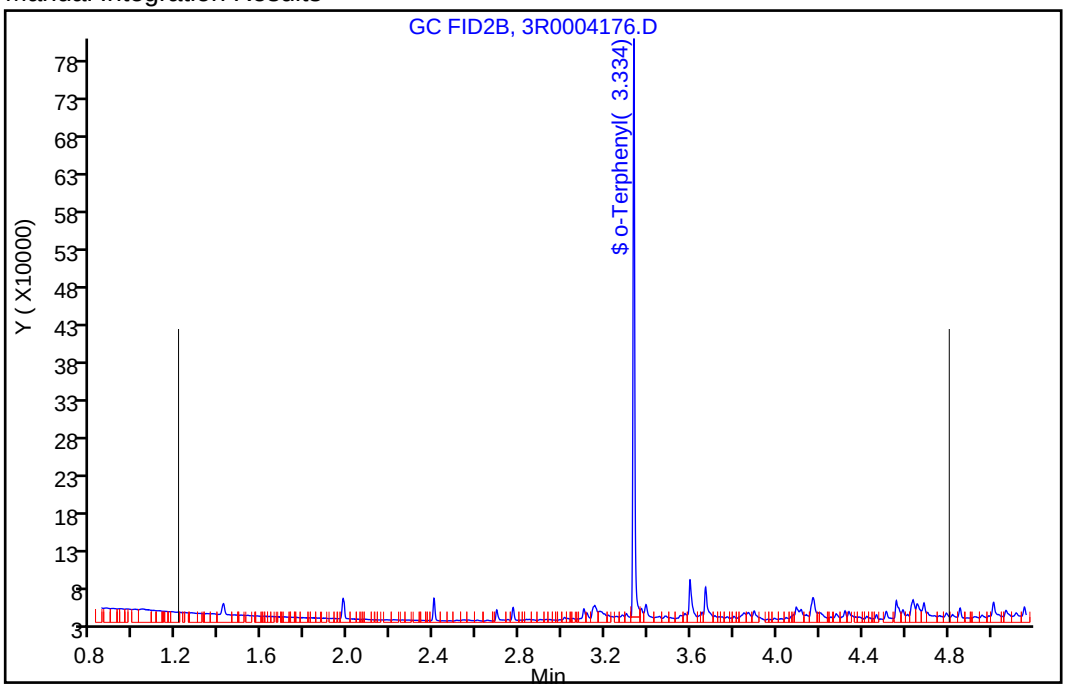
Processing Integration Results

RT: 3.01
Response: 621526
Amount: 32.671870



Manual Integration Results

RT: 3.01
Response: 1323216
Amount: 69.557736



Reviewer: C0TZ, 21-Apr-2023 13:43:36
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) | Lab Sample ID: 460-278409-7

Matrix: Solid | Lab File ID: 3R0004171.D

Analysis Method: 8015D | Date Collected: 04/17/2023 11:00

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.03(g) | Date Analyzed: 04/21/2023 11:49

Con. Extract Vol.: 1(mL) | Dilution Factor: 5

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	100		37	3.5

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	190	S1+	10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004171.D
Lims ID: 460-278409-E-7-C
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 11:49:30 ALS Bottle#: 58 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 5.0000
Sample Info: 460-0159410-008
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 12:22:31 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1618

First Level Reviewer: C0TZ Date: 21-Apr-2023 12:22:59

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
A	2 C10-C28					M
	3.006	(1.204-4.808)		5180547	272.3	M
$	4 o-Terphenyl					
	3.334	3.331	0.003	153850	7.61	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

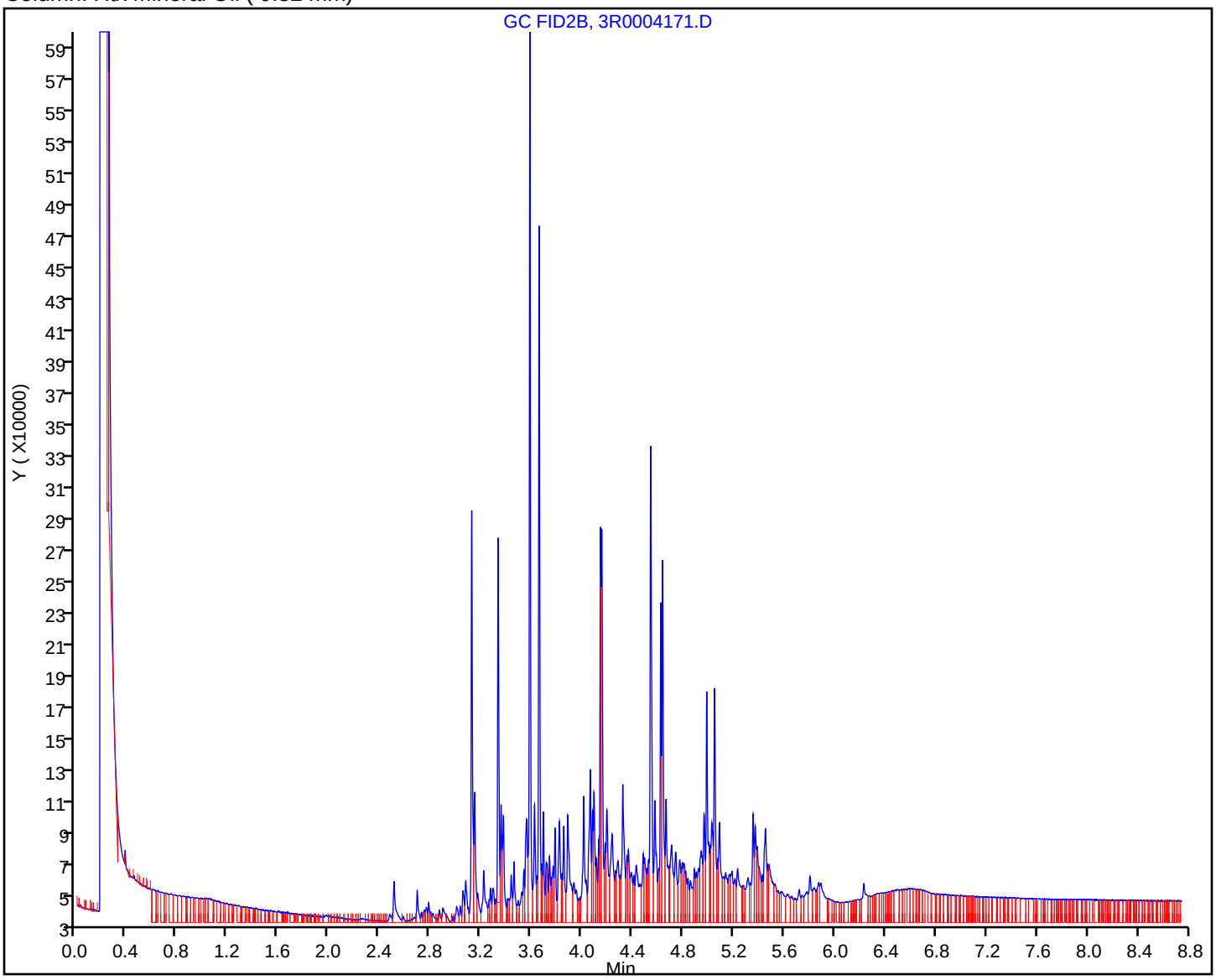
Report Date: 21-Apr-2023 12:22:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004171.D

Injection Date:	21-Apr-2023 11:49:30	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-E-7-C	Lab Sample ID:	460-278409-7		
Client ID:	WC-A-E-2(0-3)				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

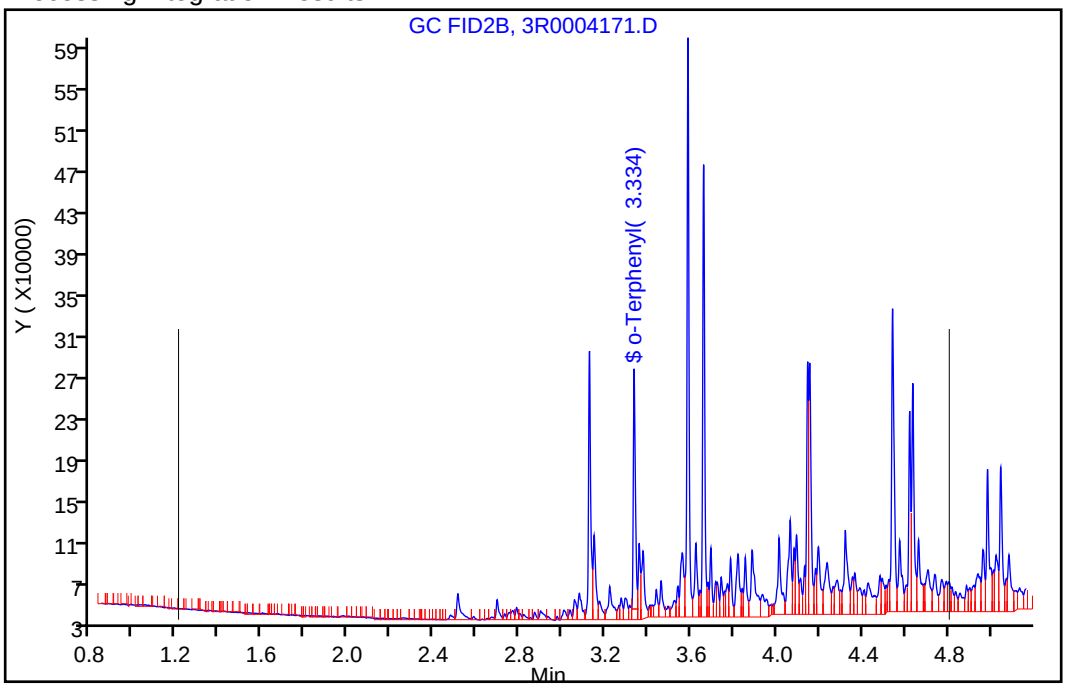
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004171.D				
Injection Date:	21-Apr-2023 11:49:30	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-E-7-C	Lab Sample ID:	460-278409-7		
Client ID:	WC-A-E-2(0-3)				
Operator ID:		ALS Bottle#:	58	Worklist Smp#:	8
Injection Vol:	1.0 ul	Dil. Factor:	5.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, RT: 3.006, CAS: STL00143

Signal: 1

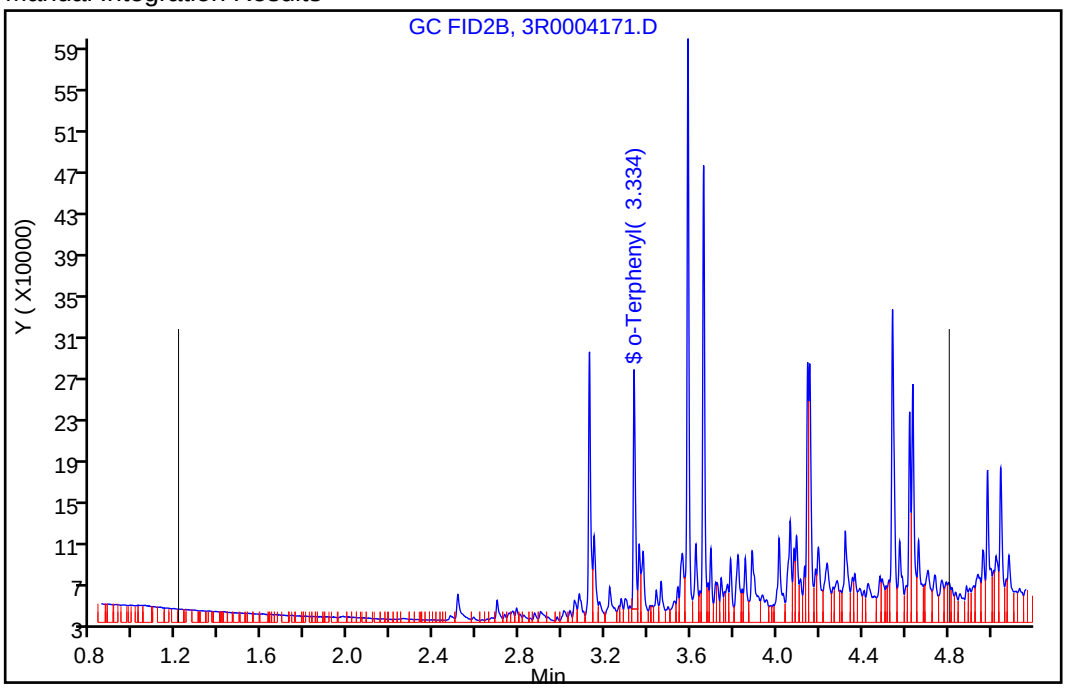
Processing Integration Results

RT: 3.01
Response: 4362981
Amount: 229.3496



Manual Integration Results

RT: 3.01
Response: 5180547
Amount: 272.3268



Reviewer: C0TZ, 21-Apr-2023 12:22:10

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid | Lab File ID: 3R0004172.D

Analysis Method: 8015D | Date Collected: 04/17/2023 12:10

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.01(g) | Date Analyzed: 04/21/2023 12:05

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 8.3 % Solids: 91.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	0.69	U	7.3	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	93		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004172.D				
Lims ID:	460-278409-G-13-C				
Client ID:	WC-A-E-3(0-3)				
Sample Type:	Client				
Inject. Date:	21-Apr-2023 12:05:14	ALS Bottle#:	59	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0159410-009				
Operator ID:		Instrument ID:	CBNAGC3		
Method:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m				
Limit Group:	GC 8015C DRO ICAL				
Last Update:	21-Apr-2023 12:23:15	Calib Date:	11-Apr-2023 13:25:30		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D				
Column 1 :	Rtx Mineral Oil (0.32 mm)		Det: GC FID1A		
Process Host:	CTX1618				

First Level Reviewer: C0TZ Date: 21-Apr-2023 12:30:38

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.335	3.331	0.004	375421	18.6	

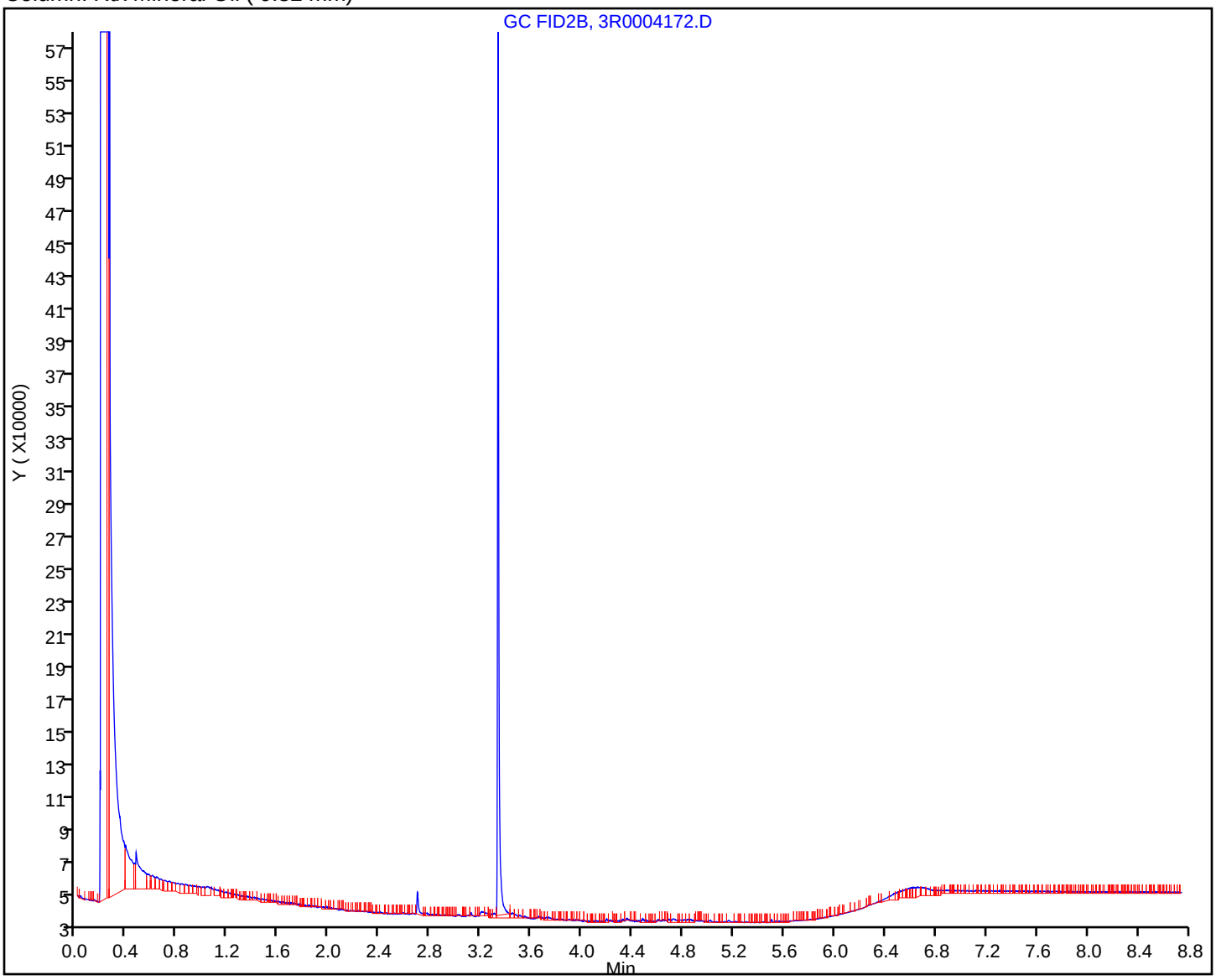
Report Date: 21-Apr-2023 12:30:38 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004172.D

Injection Date:	21-Apr-2023 12:05:14	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-G-13-C	Lab Sample ID:	460-278409-13		
Client ID:	WC-A-E-3(0-3)				
Operator ID:		ALS Bottle#:	59	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



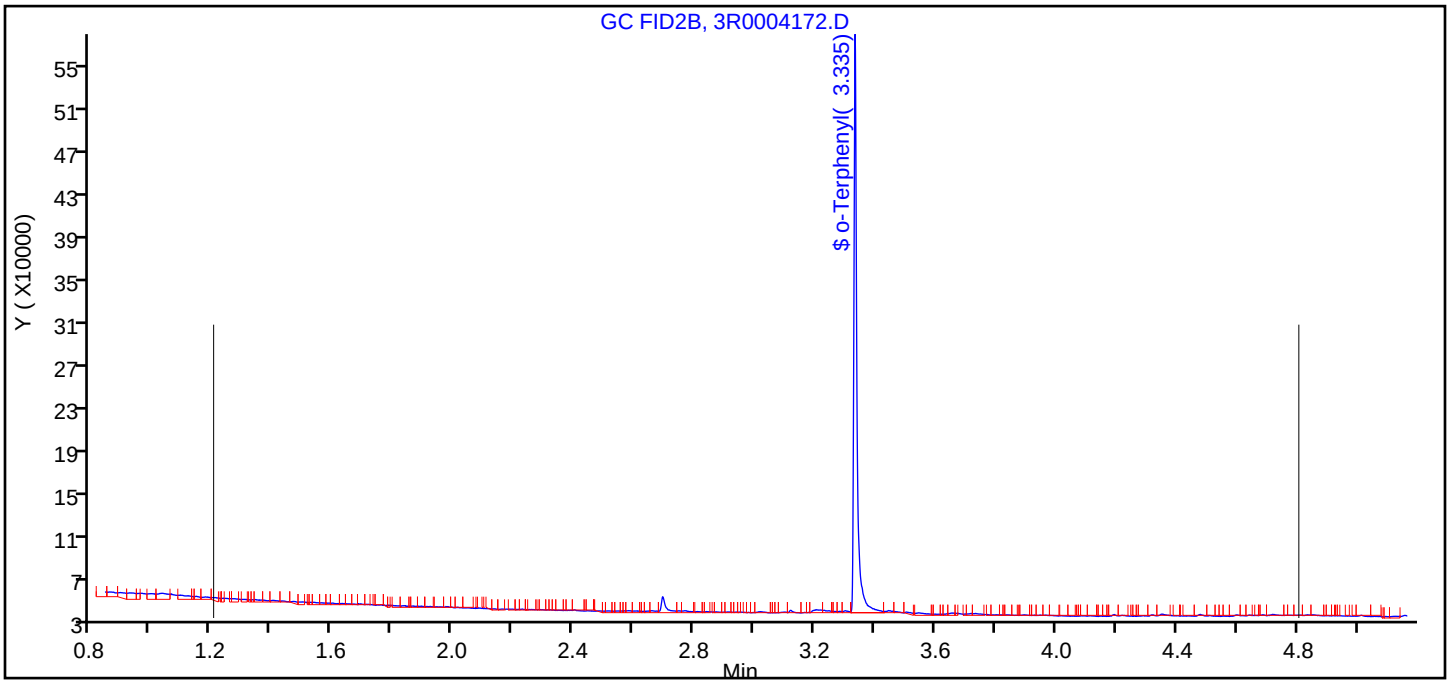
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004172.D				
Injection Date:	21-Apr-2023 12:05:14	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-G-13-C	Lab Sample ID:	460-278409-13		
Client ID:	WC-A-E-3(0-3)				
Operator ID:		ALS Bottle#:	59	Worklist Smp#:	9
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143, Signal: 1, Type: quant, RT: 3.01

Processing Results



RT	Response	Amount
3.01	154223	8.107068
	Amount:	8.107068

Reviewer: C0TZ, 21-Apr-2023 12:23:09

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) | Lab Sample ID: 460-278409-19

Matrix: Solid | Lab File ID: 3R0004186.D

Analysis Method: 8015D | Date Collected: 04/17/2023 10:20

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.03(g) | Date Analyzed: 04/21/2023 16:07

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: 8.2 % Solids: 91.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	20		7.3	0.69

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	101		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004186.D
Lims ID: 460-278409-F-19-C
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 16:07:49 ALS Bottle#: 73 Worklist Smp#: 23
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-023
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 14:40:34 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1613

First Level Reviewer: C0TZ Date: 21-Apr-2023 16:50:58

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
A	2 C10-C28					M
	3.006	(1.204-4.808)		5127041	269.5	M
$	4 o-Terphenyl					M
	3.327	3.331	-0.004	408357	20.2	M

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

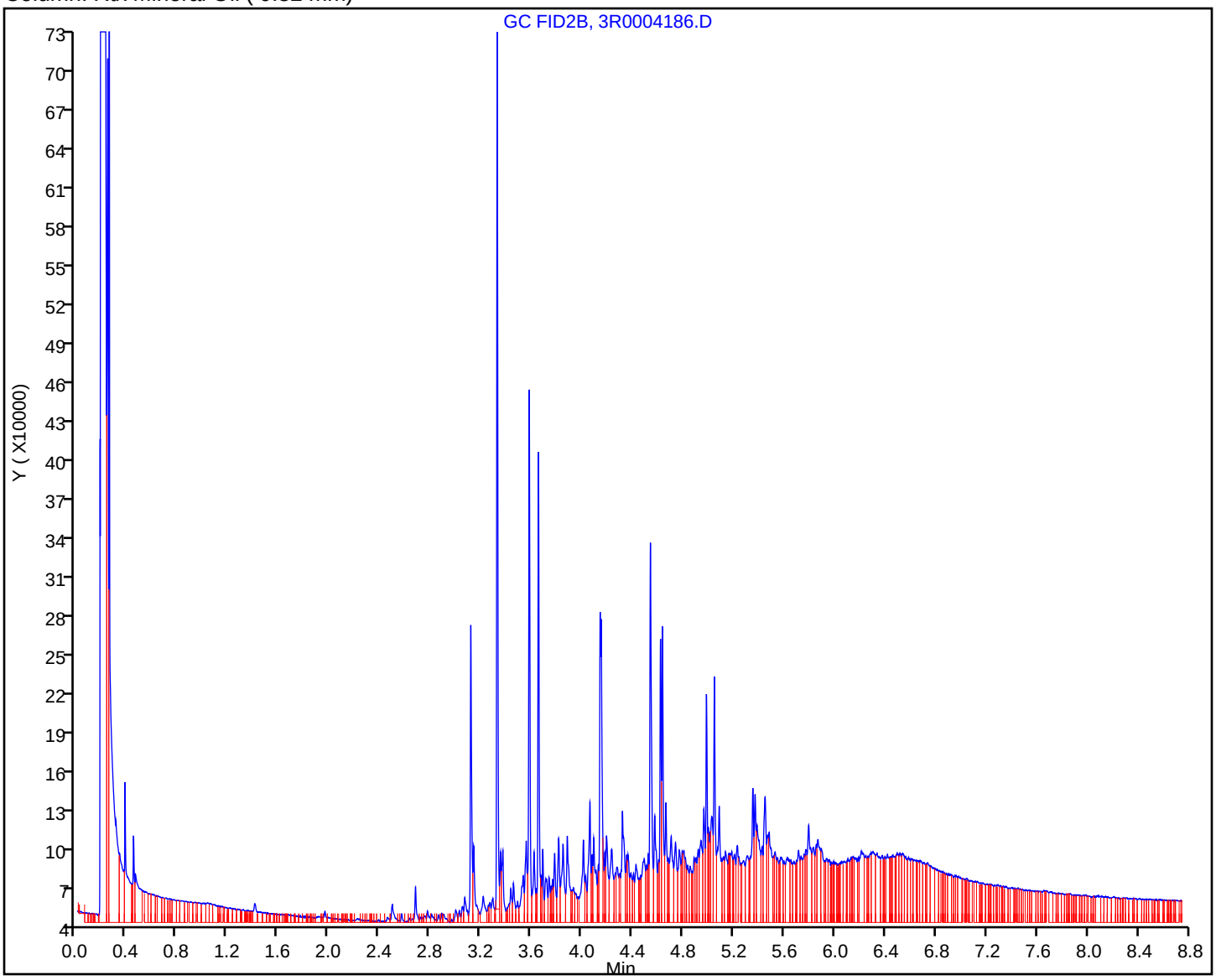
Report Date: 21-Apr-2023 16:50:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004186.D

Injection Date:	21-Apr-2023 16:07:49	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-F-19-C	Lab Sample ID:	460-278409-19		
Client ID:	WC-A-E-4(0-3)				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

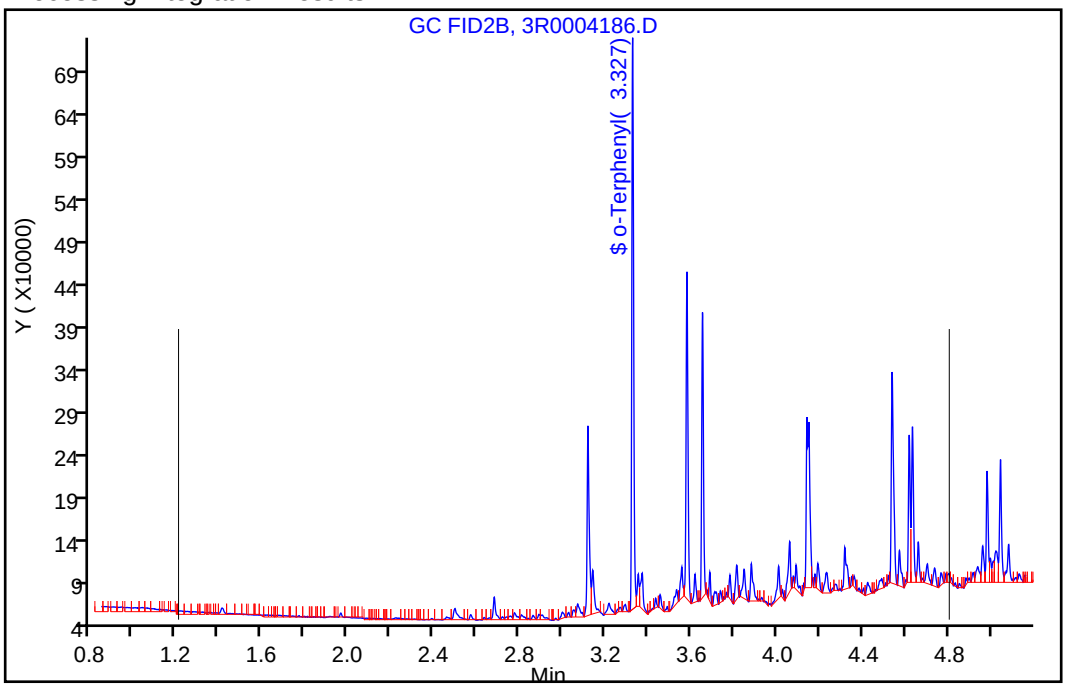
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004186.D				
Injection Date:	21-Apr-2023 16:07:49	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-F-19-C	Lab Sample ID:	460-278409-19		
Client ID:	WC-A-E-4(0-3)				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, RT: 3.006, CAS: STL00143

Signal: 1

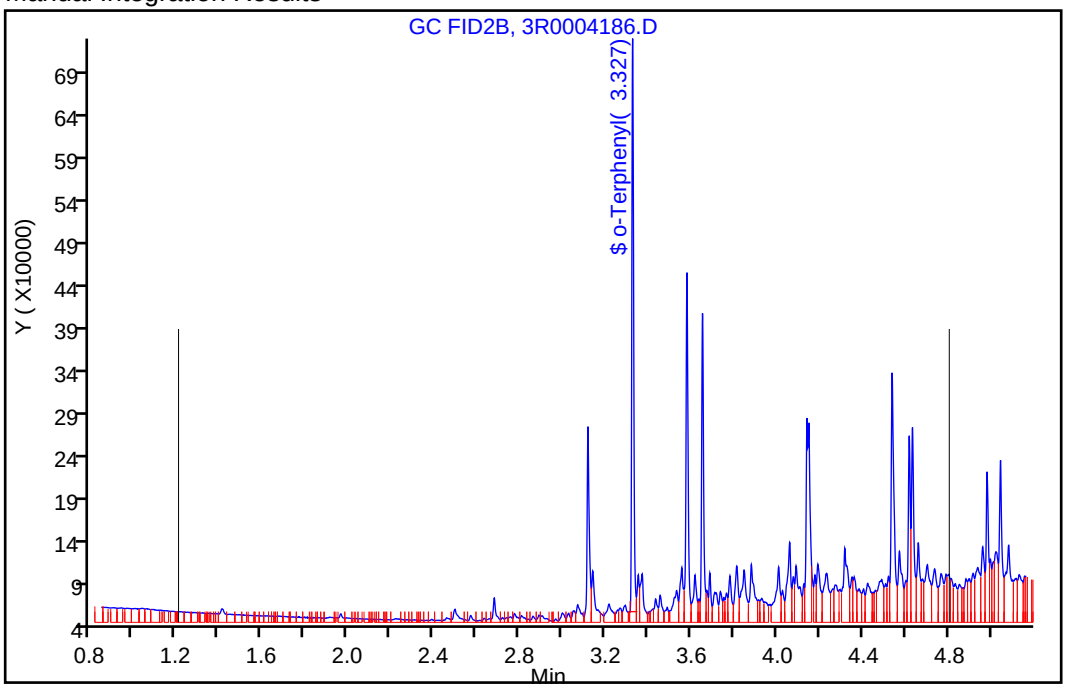
Processing Integration Results

RT: 3.01
Response: 2155349
Amount: 113.3006



Manual Integration Results

RT: 3.01
Response: 5127041
Amount: 269.5141



Reviewer: C0TZ, 21-Apr-2023 16:23:53

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Edison

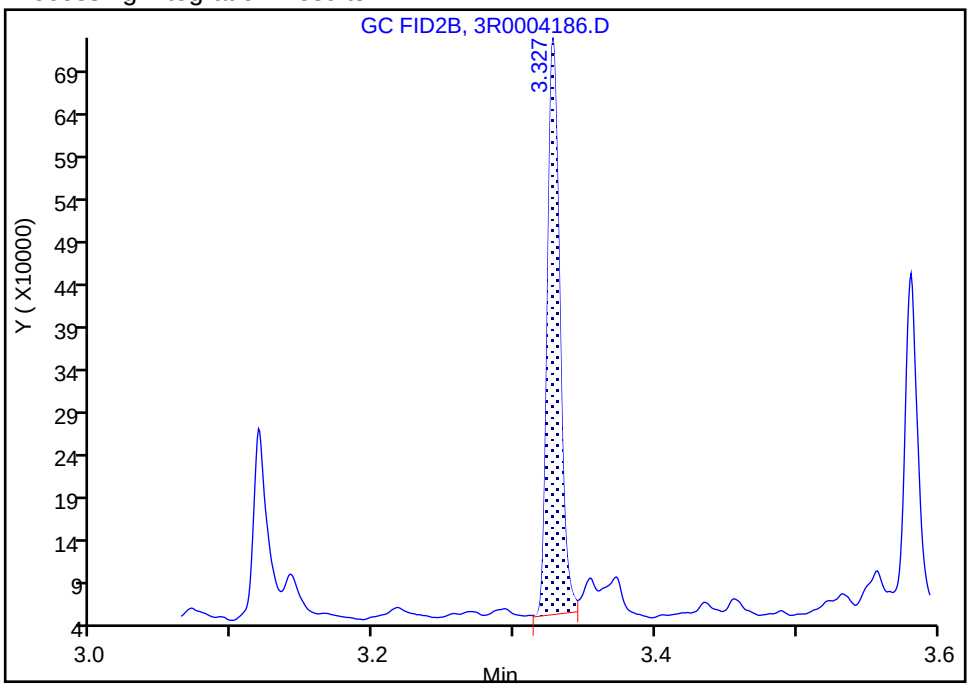
Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004186.D				
Injection Date:	21-Apr-2023 16:07:49	Instrument ID:	CBNAGC3		
Lims ID:	460-278409-F-19-C	Lab Sample ID:	460-278409-19		
Client ID:	WC-A-E-4(0-3)				
Operator ID:		ALS Bottle#:	73	Worklist Smp#:	23
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

$ 4 o-Terphenyl, CAS: 84-15-1

Signal: 1

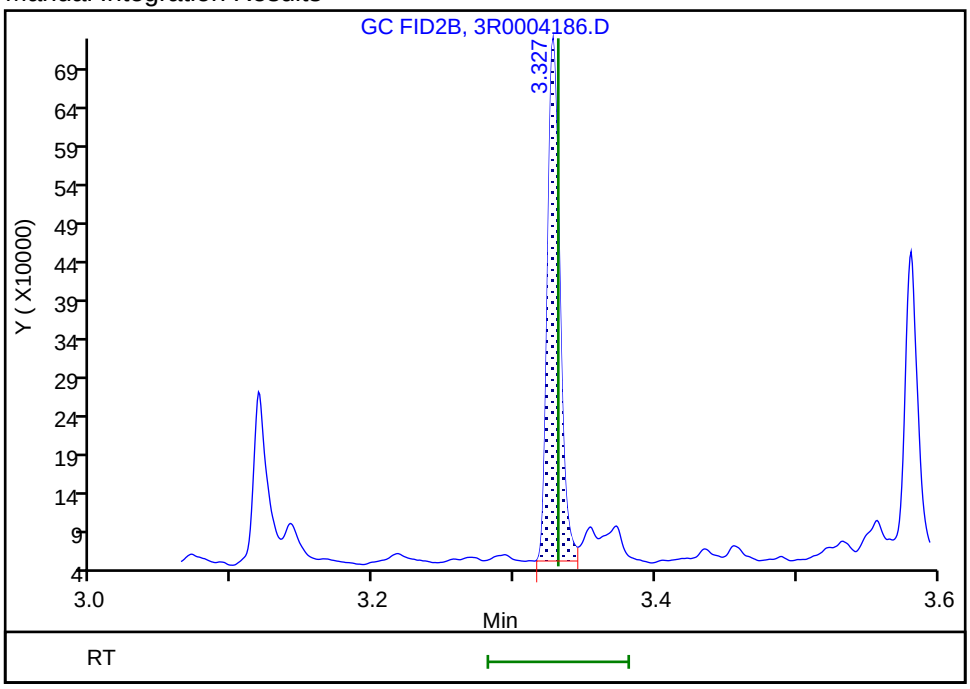
Processing Integration Results

RT: 3.33
Area: 404544
Amount: 20.006801
Amount Units: ug/ml



Manual Integration Results

RT: 3.33
Area: 408357
Amount: 20.195374
Amount Units: ug/ml



Reviewer: C0TZ, 21-Apr-2023 16:23:53

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902459

SDG No.:

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/11/2023 12:17 Calibration End Date: 04/11/2023 13:25 Calibration ID: 92640

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-902459/2	3R0004078.D
Level 2	IC 460-902459/3	3R0004079.D
Level 3	IC 460-902459/4	3R0004080.D
Level 4	IC 460-902459/5	3R0004081.D
Level 5	IC 460-902459/6	3R0004082.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5						RT WINDOW	AVG RT
n-Decane	1.314	1.314	1.317	1.319	1.319						1.067 - 1.567	1.317
Diesel Range Organics [C10-C28]	3.015	3.015	3.015	3.015	3.015						1.217 - 4.813	3.015
C10-C44	3.775	3.775	3.775	3.775	3.775						1.217 - 6.333	3.775
n-Octacosane	4.712	4.710	4.713	4.718	4.723						4.463 - 4.963	4.715
C28-C44	5.548	5.548	5.548	5.548	5.548						4.613 - 6.483	5.548
o-Terphenyl	3.337	3.335	3.339	3.342	3.344						3.289 - 3.389	3.339

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902459

SDG No.:

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/11/2023 12:17 Calibration End Date: 04/11/2023 13:25 Calibration ID: 92640

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-902459/2	3R0004078.D
Level 2	IC 460-902459/3	3R0004079.D
Level 3	IC 460-902459/4	3R0004080.D
Level 4	IC 460-902459/5	3R0004081.D
Level 5	IC 460-902459/6	3R0004082.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2	LVL 3	LVL 4		B	M1	M2								
n-Decane	14270 16547	15512	17876	17921	Ave		16425.0495				9.5		20.0			
Diesel Range Organics [C10-C28]	17102 19488	17578	20408	20541	Ave		19023.2758				8.4		20.0			
C10-C44	17264 20967	18954	21650	21834	Ave		20133.9092				9.8		20.0			
n-Octacosane	17780 22875	19909	21489	21764	Ave		20763.3555				9.5		20.0			
C28-C44	17967 24088	21834	23953	24215	Ave		22411.2295				11.9		20.0			
o-Terphenyl	17664 19245	19540	22704	21948	Ave		20220.3240				10.2		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
DIESEL RANGE ORGANICS BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 902459

SDG No.:

Instrument ID: CBNAGC3 GC Column: Rtx-Mineral ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/11/2023 12:17 Calibration End Date: 04/11/2023 13:25 Calibration ID: 92640

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-902459/2	3R0004078.D
Level 2	IC 460-902459/3	3R0004079.D
Level 3	IC 460-902459/4	3R0004080.D
Level 4	IC 460-902459/5	3R0004081.D
Level 5	IC 460-902459/6	3R0004082.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/ML)				
		LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
n-Decane	Ave	114157	620462	1430046	3584249	6618901	8.00	40.0	80.0	200	400
Diesel Range Organics [C10-C28]	Ave	1231339	6327975	14693808	36973616	70155993	72.0	360	720	1800	3600
C10-C44	Ave	1795485	9856317	22516149	56768537	109026400	104	520	1040	2600	5200
n-Octacosane	Ave	142239	796368	1719088	4352853	9149935	8.00	40.0	80.0	200	400
C28-C44	Ave	718675	4366807	9581132	24214768	48175279	40.0	200	400	1000	2000
o-Terphenyl	Ave	70657	390804	908167	2194763	3849073	4.00	20.0	40.0	100	200

Curve Type Legend
Ave = Average

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004078.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 11-Apr-2023 12:17:23 ALS Bottle#: 52 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0158949-002
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 13-Apr-2023 09:30:14 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1662

First Level Reviewer: C0TZ Date: 11-Apr-2023 14:33:23

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.314	1.317	-0.003	114157	8.00	6.95	
A	2 C10-C28						
	3.015	(1.217-4.813)		1231339	72.0	64.7	
$	4 o-Terphenyl						
	3.337	3.339	-0.002	70657	4.00	3.49	
A	5 C10-C44						a
	3.775	(1.217-6.333)		1795485	104.0	89.2	a
	6 n-Octacosane						
	4.712	4.713	-0.001	142239	8.00	6.85	
A	38 C28-C44						a
	5.548	(4.613-6.483)		718675	40.0	32.1	a
	8 Tetratetracontane						a
	6.325	6.233	0.092	109621	8.00	7.57	a

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

Reagents:

SGOROL1_00005 Amount Added: 1.00 Units: mL

Report Date: 13-Apr-2023 09:30:14 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004078.D

Injection Date: 11-Apr-2023 12:17:23 Instrument ID: CBNAGC3

Lims ID: IC

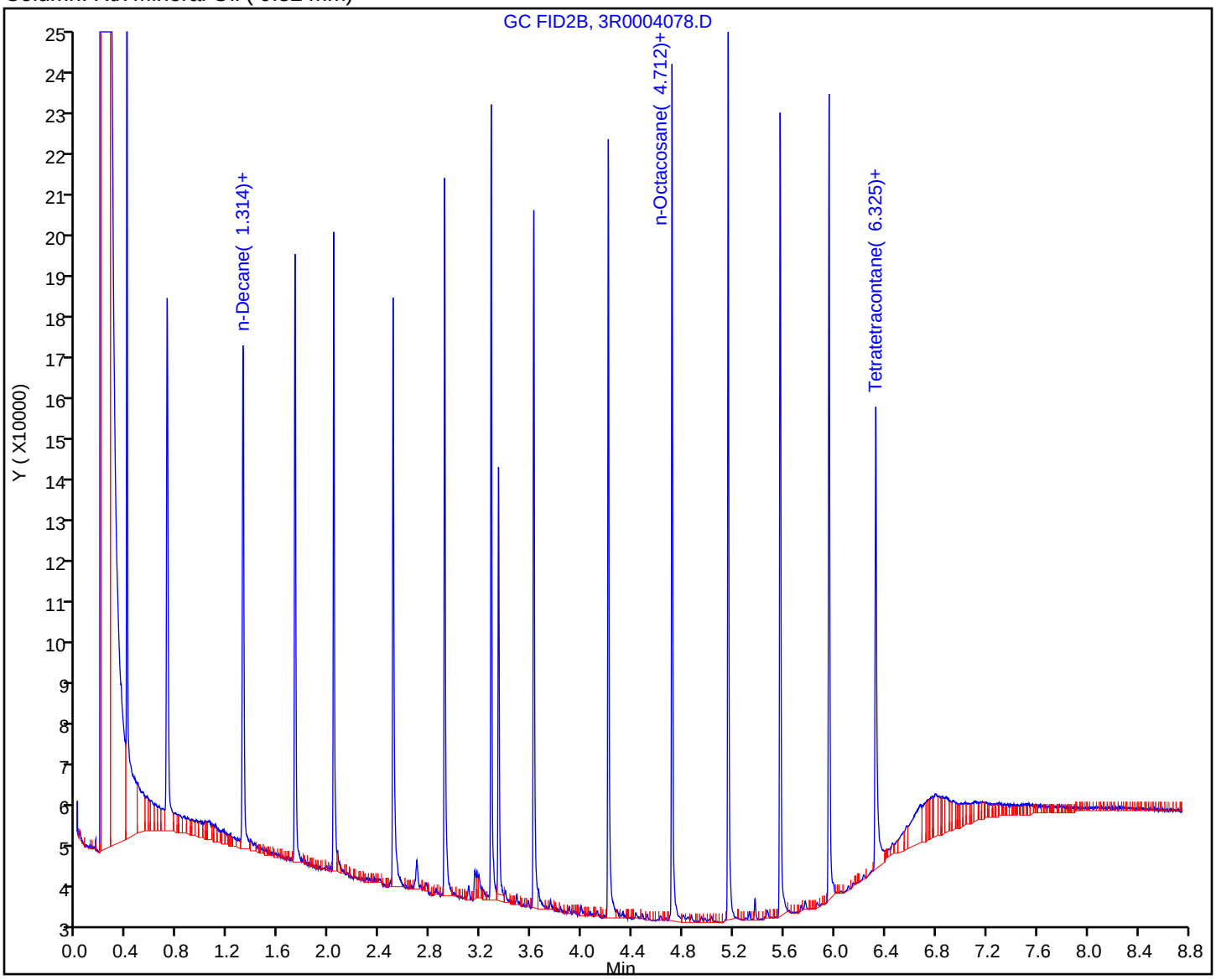
Client ID:

Operator ID: ALS Bottle#: 52 Worklist Smp#: 2

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004079.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 11-Apr-2023 12:38:39 ALS Bottle#: 53 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0158949-003
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 13-Apr-2023 09:30:16 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1662

First Level Reviewer: C0TZ Date: 11-Apr-2023 14:33:41

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.314	1.317	-0.003	620462	40.0	37.8	
A	2 C10-C28						
	3.015	(1.217-4.813)		6327975	360.0	332.6	
$	4 o-Terphenyl						
	3.335	3.339	-0.004	390804	20.0	19.3	
A	5 C10-C44						a
	3.775	(1.217-6.333)		9856317	520.0	489.5	a
	6 n-Octacosane						
	4.710	4.713	-0.003	796368	40.0	38.4	
A	38 C28-C44						a
	5.548	(4.613-6.483)		4366807	200.0	194.8	a
	8 Tetratetracontane						a
	6.252	6.233	0.019	810278	40.0	36.7	a

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

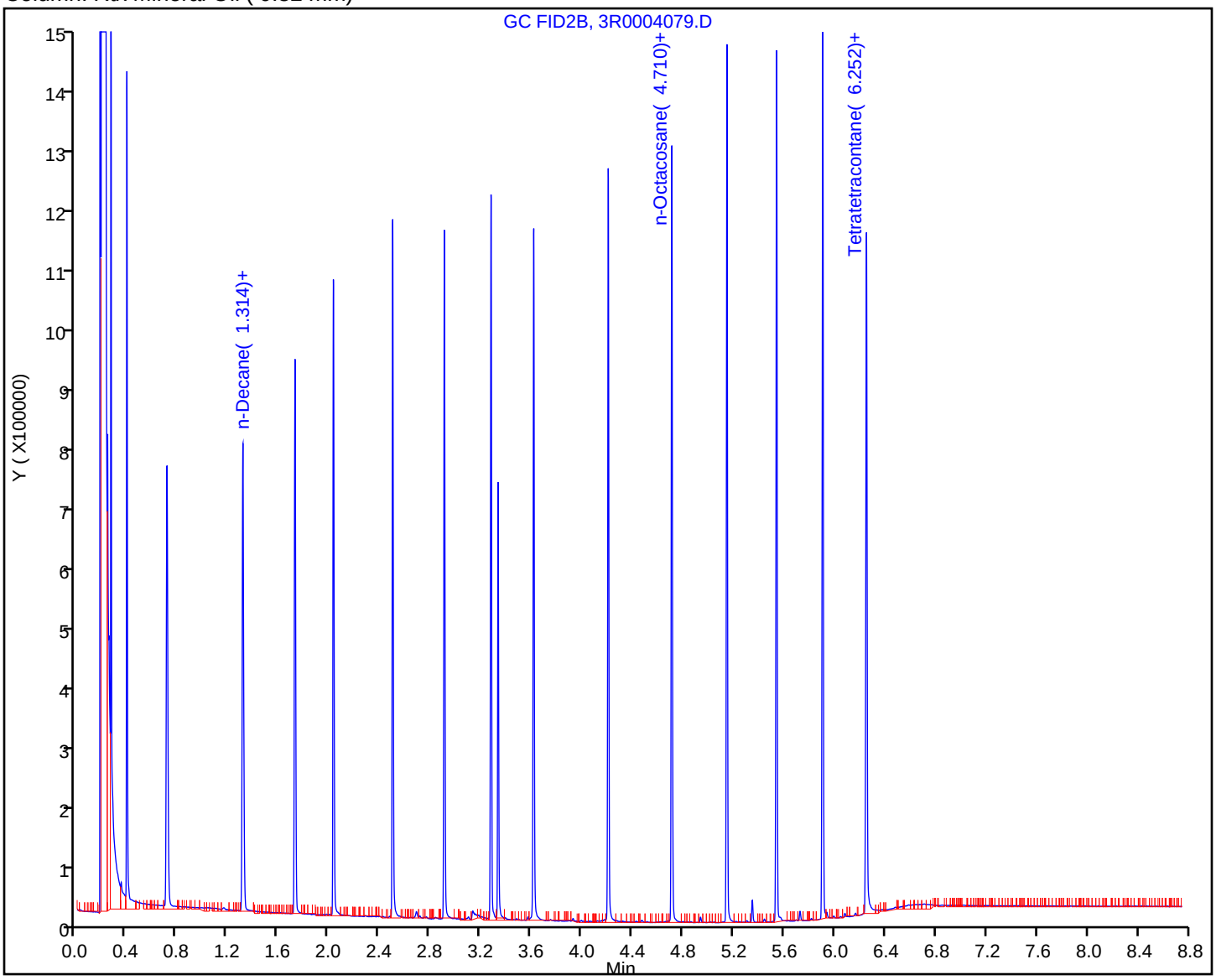
Reagents:

SGOROL2_00004 Amount Added: 1.00 Units: mL

Report Date: 13-Apr-2023 09:30:16 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004079.D
Injection Date: 11-Apr-2023 12:38:39 Instrument ID: CBNAGC3
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004080.D
Lims ID: IC
Client ID:
Sample Type: ICRT Calib Level: 3
Inject. Date: 11-Apr-2023 12:54:17 ALS Bottle#: 54 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0158949-004
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 13-Apr-2023 09:30:18 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1662

First Level Reviewer: OR9X Date: 11-Apr-2023 14:40:01

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.317	1.317	0.000	1430046	80.0	87.1	
A	2 C10-C28						
	3.015	(1.217-4.813)		14693808	720.0	772.4	
$	4 o-Terphenyl						
	3.339	3.339	0.000	908167	40.0	44.9	
A	5 C10-C44						
	3.775	(1.217-6.333)		22516149	1040.0	1118.3	
	6 n-Octacosane						
	4.713	4.713	0.000	1719088	80.0	82.8	
A	38 C28-C44						
	5.548	(4.613-6.483)		9581132	400.0	427.5	
	8 Tetratetracontane						
	6.233	6.233	0.000	1877787	80.0	81.0	

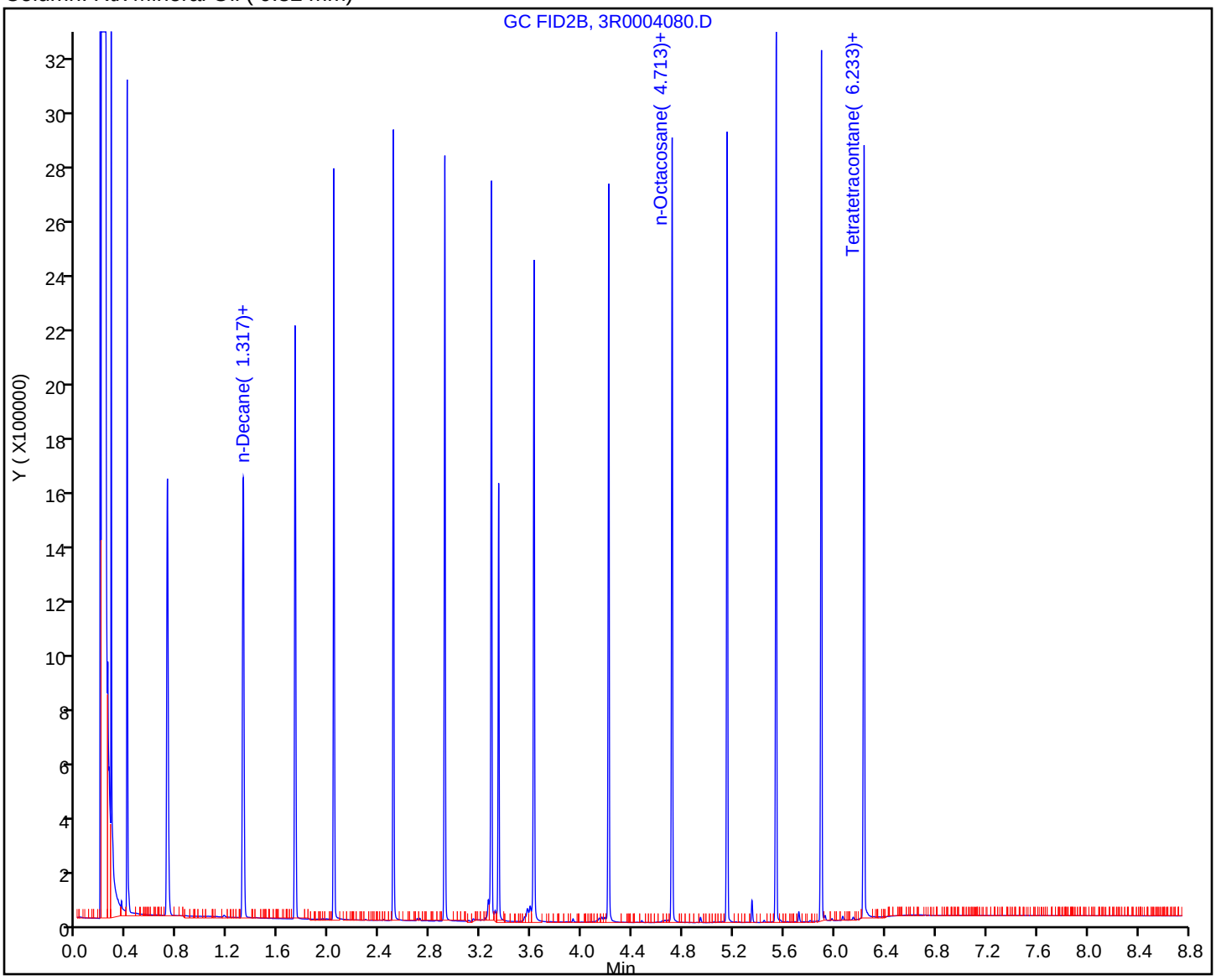
QC Flag Legend
Processing Flags

Reagents:
SGOROL3_00004 Amount Added: 1.00 Units: mL

Report Date: 13-Apr-2023 09:30:18 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004080.D
Injection Date: 11-Apr-2023 12:54:17 Instrument ID: CBNAGC3
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 54 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004081.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 11-Apr-2023 13:09:56 ALS Bottle#: 55 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0158949-005
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 13-Apr-2023 09:30:19 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1662

First Level Reviewer: OR9X Date: 11-Apr-2023 14:54:45

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.319	1.317	0.002	3584249	200.0	218.2	
A	2 C10-C28						
	3.015	(1.217-4.813)		36973616	1800.0	1943.6	
$	4 o-Terphenyl						
	3.342	3.339	0.003	2194763	100.0	108.5	
A	5 C10-C44						
	3.775	(1.217-6.333)		56768537	2600.0	2819.5	
	6 n-Octacosane						
	4.718	4.713	0.005	4352853	200.0	209.6	
A	38 C28-C44						
	5.548	(4.613-6.483)		24214768	1000.0	1080.5	
	8 Tetratetracontane						
	6.243	6.233	0.010	4872748	200.0	205.3	

QC Flag Legend

Processing Flags

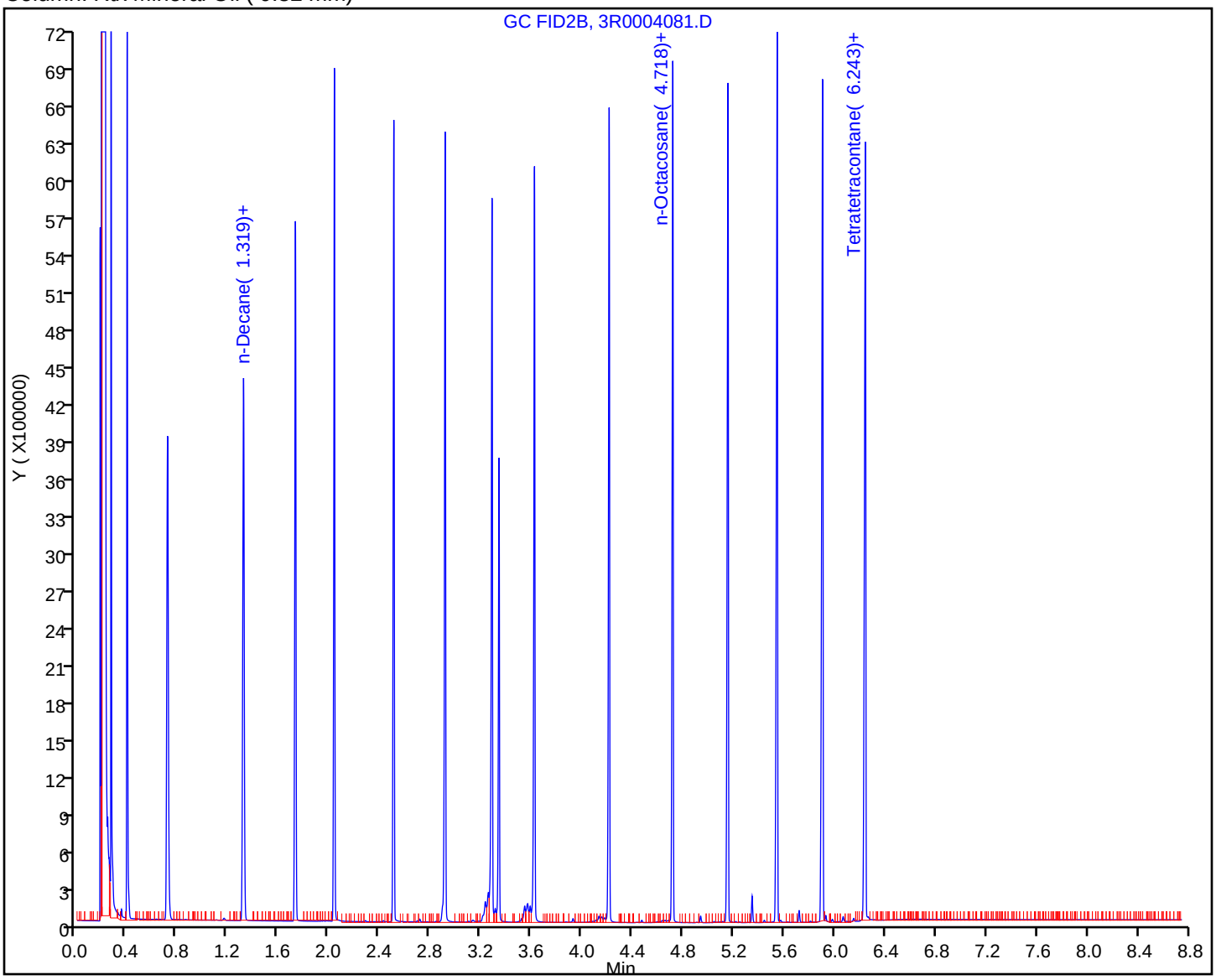
Reagents:

SGOROL4_00004 Amount Added: 1.00 Units: mL

Report Date: 13-Apr-2023 09:30:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004081.D
Injection Date: 11-Apr-2023 13:09:56 Instrument ID: CBNAGC3
Lims ID: IC
Client ID:
Operator ID: ALS Bottle#: 55 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 11-Apr-2023 13:25:30 ALS Bottle#: 56 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0158949-006
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 13-Apr-2023 09:30:21 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1662

First Level Reviewer: OR9X Date: 11-Apr-2023 14:39:28

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.319	1.317	0.002	6618901	400.0	403.0	
A	2 C10-C28						
	3.015	(1.217-4.813)		70155993	3600.0	3687.9	
$	4 o-Terphenyl						
	3.344	3.339	0.005	3849073	200.0	190.4	
A	5 C10-C44						
	3.775	(1.217-6.333)		109026400	5200.0	5415.1	
	6 n-Octacosane						
	4.723	4.713	0.010	9149935	400.0	440.7	
A	38 C28-C44						
	5.548	(4.613-6.483)		48175279	2000.0	2149.6	
	8 Tetratetracontane						
	6.262	6.233	0.029	9502580	400.0	397.5	

QC Flag Legend
Processing Flags

Reagents:
SGOROL5_00004 Amount Added: 1.00 Units: mL

Report Date: 13-Apr-2023 09:30:21 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Injection Date: 11-Apr-2023 13:25:30 Instrument ID: CBNAGC3

Lims ID: IC

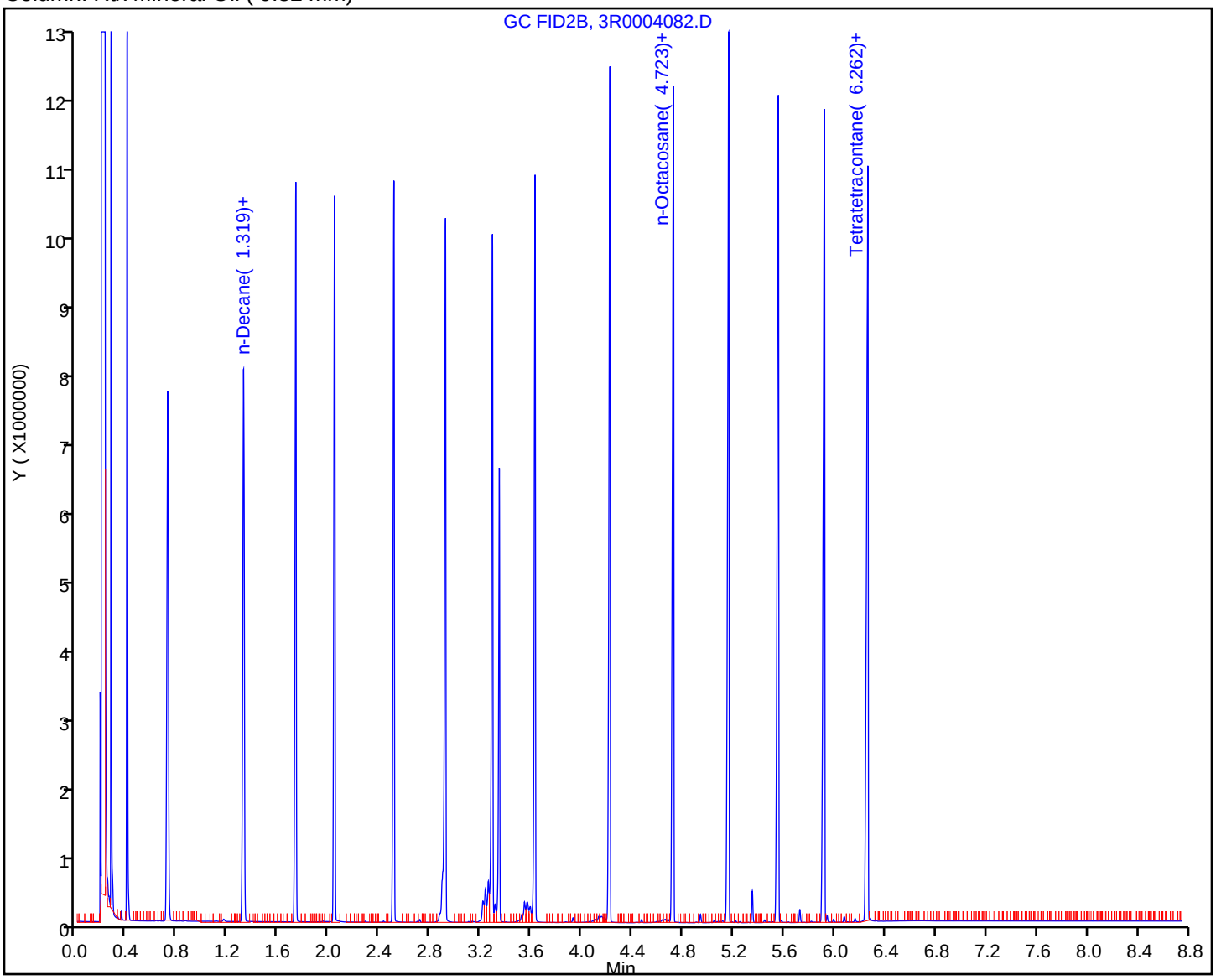
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-902459/7 Calibration Date: 04/11/2023 14:36

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004083.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	19023	18271		692	720	-4.0	20.0
C10-C44	Ave	20134	19574		1010	1040	-2.8	20.0
C28-C44	Ave	22411	22215		396	400	-0.9	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-902459/7 Calibration Date: 04/11/2023 14:36

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004083.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.02	1.22	4.81
C10-C44	3.78	1.22	6.33
C28-C44	5.55	4.61	6.48

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004083.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 11-Apr-2023 14:36:20 ALS Bottle#: 57 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0158949-007
Operator ID: Instrument ID: CBNAGC3
Sublist:

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 13-Apr-2023 09:30:21 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1662

First Level Reviewer: OR9X Date: 11-Apr-2023 14:49:48

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.301	1.317	-0.016	1213460	80.0	73.9	
A	2 C10-C28						
	3.015	(1.217-4.813)		13155370	720.0	691.5	
A	5 C10-C44						a
	3.775	(1.217-6.333)		20357185	1040.0	1011.1	a
	6 n-Octacosane						
	4.712	4.713	-0.001	1665268	80.0	80.2	
A	38 C28-C44						a
	5.548	(4.613-6.483)		8886003	400.0	396.5	a
	8 Tetratetracontane						a
	6.316	6.233	0.083	1646230	80.0	71.4	a

QC Flag Legend

Processing Flags
Review Flags
a - User Assigned ID

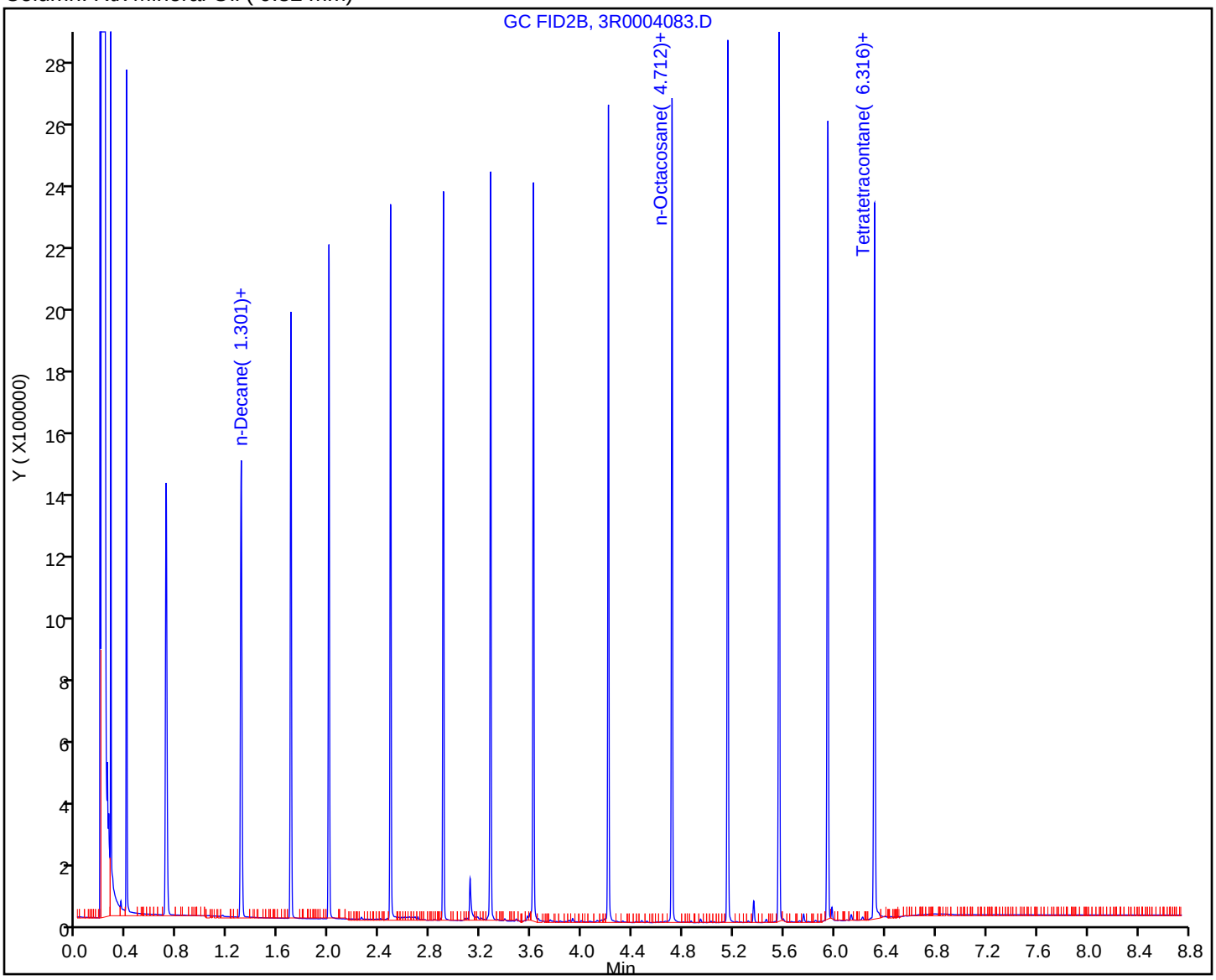
Reagents:

SGOROICV_00006 Amount Added: 1.00 Units: mL

Report Date: 13-Apr-2023 09:31:48 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004083.D
Injection Date: 11-Apr-2023 14:36:20 Instrument ID: CBNAGC3
Lims ID: ICV
Client ID:
Operator ID: ALS Bottle#: 57 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-904427/3 Calibration Date: 04/21/2023 10:26

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004166.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	19023	18935		717	720	-0.5	20.0
C10-C44	Ave	20134	18722		967	1040	-7.0	20.0
C28-C44	Ave	22411	18654		333	400	-16.8	20.0
o-Terphenyl	Ave	20220	21942		43.4	40.0	8.5	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-904427/3 Calibration Date: 04/21/2023 10:26

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004166.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.01	1.20	4.81
C10-C44	3.78	1.20	6.35
C28-C44	5.56	4.61	6.50
o-Terphenyl	3.33	3.28	3.38

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004166.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 21-Apr-2023 10:26:26 ALS Bottle#: 53 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-003
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 24-Apr-2023 11:19:40 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1645

First Level Reviewer: C0TZ Date: 21-Apr-2023 10:37:08

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.304	1.304	0.000	1278020	80.0	77.8	
A	2 C10-C28						
	3.006	(1.204-4.808)		13632879	720.0	716.6	
$	4 o-Terphenyl						
	3.331	3.331	0.000	877680	40.0	43.4	
A	5 C10-C44						
	3.778	(1.204-6.352)		19470719	1040.0	967.1	
	6 n-Octacosane						
	4.708	4.708	0.000	1600345	80.0	77.1	
A	38 C28-C44						
	5.555	(4.608-6.502)		7461473	400.0	332.9	
	8 Tetratetracontane						
	6.252	6.252	0.000	863088	80.0	38.8	

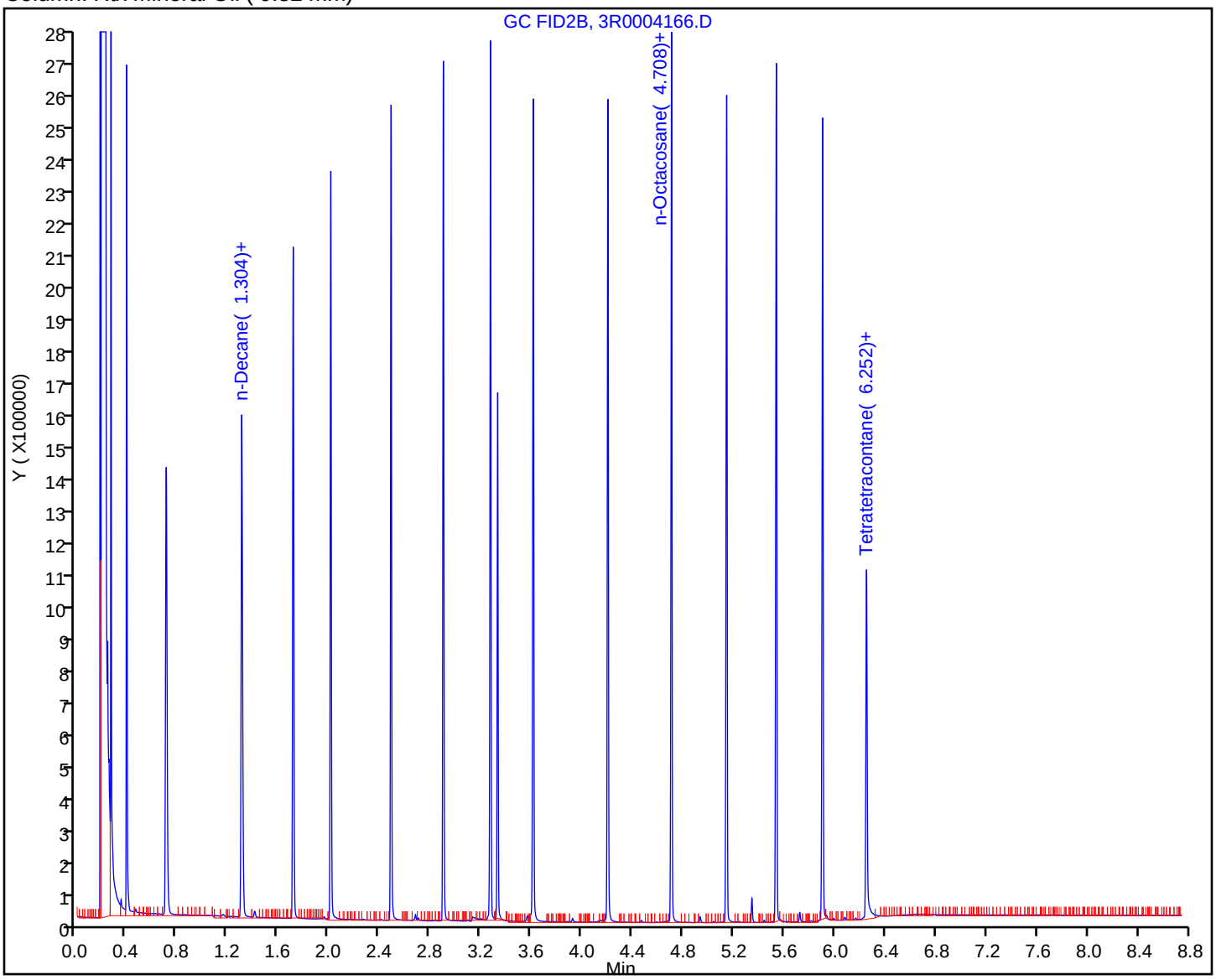
QC Flag Legend
Processing Flags

Reagents:
SGOROL3_00004 Amount Added: 1.00 Units: mL

Report Date: 24-Apr-2023 11:19:41 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004166.D
Injection Date: 21-Apr-2023 10:26:26 Instrument ID: CBNAGC3
Lims ID: CCVRT
Client ID:
Operator ID: ALS Bottle#: 53 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904427/15 Calibration Date: 04/21/2023 14:02

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004178.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	19023	19546		740	720	2.7	20.0
C10-C44	Ave	20134	19430		1000	1040	-3.5	20.0
C28-C44	Ave	22411	19380		346	400	-13.5	20.0
o-Terphenyl	Ave	20220	23119		45.7	40.0	14.3	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904427/15 Calibration Date: 04/21/2023 14:02

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004178.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.01	1.20	4.81
C10-C44	3.78	1.20	6.35
C28-C44	5.56	4.61	6.50
o-Terphenyl	3.33	3.28	3.38

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004178.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 14:02:11 ALS Bottle#: 65 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-015
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 15:18:05 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1613

First Level Reviewer: C0TZ Date: 21-Apr-2023 15:18:05

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.295	1.304	-0.009	1287361	80.0	78.4	
A	2 C10-C28						
	3.006	(1.204-4.808)		14073315	720.0	739.8	
$	4 o-Terphenyl						
	3.327	3.331	-0.004	924776	40.0	45.7	
A	5 C10-C44						
	3.778	(1.204-6.352)		20206946	1040.0	1003.6	
	6 n-Octacosane						
	4.705	4.708	-0.003	1608117	80.0	77.4	
A	38 C28-C44						
	5.555	(4.608-6.502)		7752017	400.0	345.9	
	8 Tetratetracontane						
	6.223	6.252	-0.029	20	80.0	3.02	

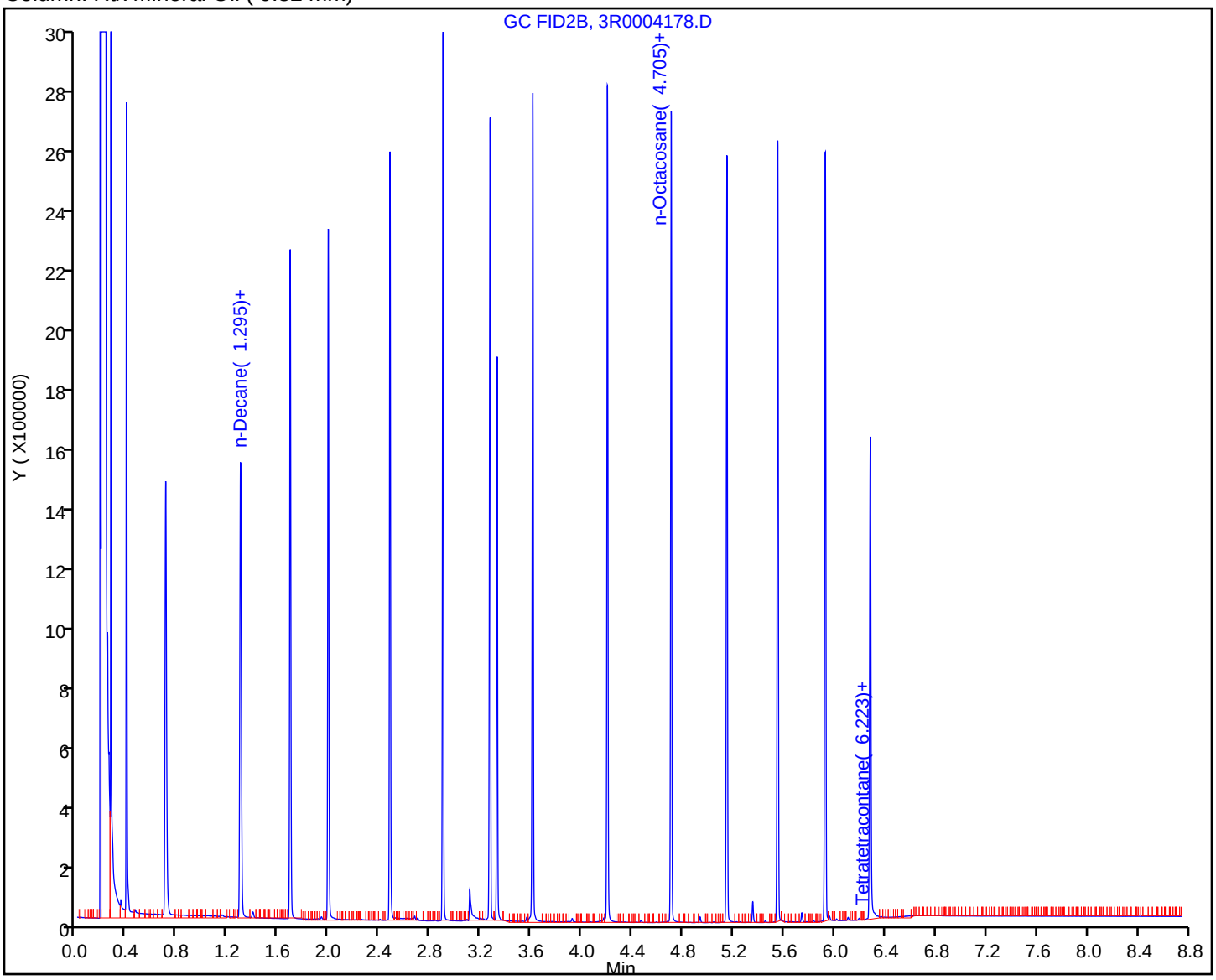
QC Flag Legend
Processing Flags

Reagents:
SGOROL3_00004 Amount Added: 1.00 Units: mL

Report Date: 21-Apr-2023 15:18:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004178.D
Injection Date: 21-Apr-2023 14:02:11 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: ALS Bottle#: 65 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



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FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904427/26 Calibration Date: 04/21/2023 17:01

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004189.D Conc. Units: mg/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Diesel Range Organics [C10-C28]	Ave	19023	18714		708	720	-1.6	20.0
C10-C44	Ave	20134	18851		974	1040	-6.4	20.0
C28-C44	Ave	22411	19387		346	400	-13.5	20.0
o-Terphenyl	Ave	20220	22523		44.6	40.0	11.4	20.0

FORM VII
DIESEL RANGE ORGANICS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904427/26 Calibration Date: 04/21/2023 17:01

Instrument ID: CBNAGC3 Calib Start Date: 04/11/2023 12:17

GC Column: Rtx-Mineral Oil ID: 0.32(mm) Calib End Date: 04/11/2023 13:25

Lab File ID: 3R0004189.D

Analyte	RT	RT WINDOW	
		FROM	TO
Diesel Range Organics [C10-C28]	3.01	1.20	4.81
C10-C44	3.78	1.20	6.35
C28-C44	5.56	4.61	6.50
o-Terphenyl	3.33	3.28	3.38

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004189.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 17:01:23 ALS Bottle#: 76 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-026
Operator ID: Instrument ID: CBNAGC3
Sublist: chrom-DRO3R*sub5

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 17:25:42 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1613

First Level Reviewer: C0TZ Date: 21-Apr-2023 17:25:42

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
	1 n-Decane						
	1.308	1.304	0.004	1222361	80.0	74.4	
A	2 C10-C28						
	3.006	(1.204-4.808)		13474114	720.0	708.3	
$	4 o-Terphenyl						
	3.334	3.331	0.003	900925	40.0	44.6	
A	5 C10-C44						
	3.778	(1.204-6.352)		19604596	1040.0	973.7	
	6 n-Octacosane						
	4.706	4.708	-0.002	1586463	80.0	76.4	
A	38 C28-C44						
	5.555	(4.608-6.502)		7754792	400.0	346.0	
	8 Tetratetracontane						
	6.230	6.252	-0.022	1401070	80.0	61.2	

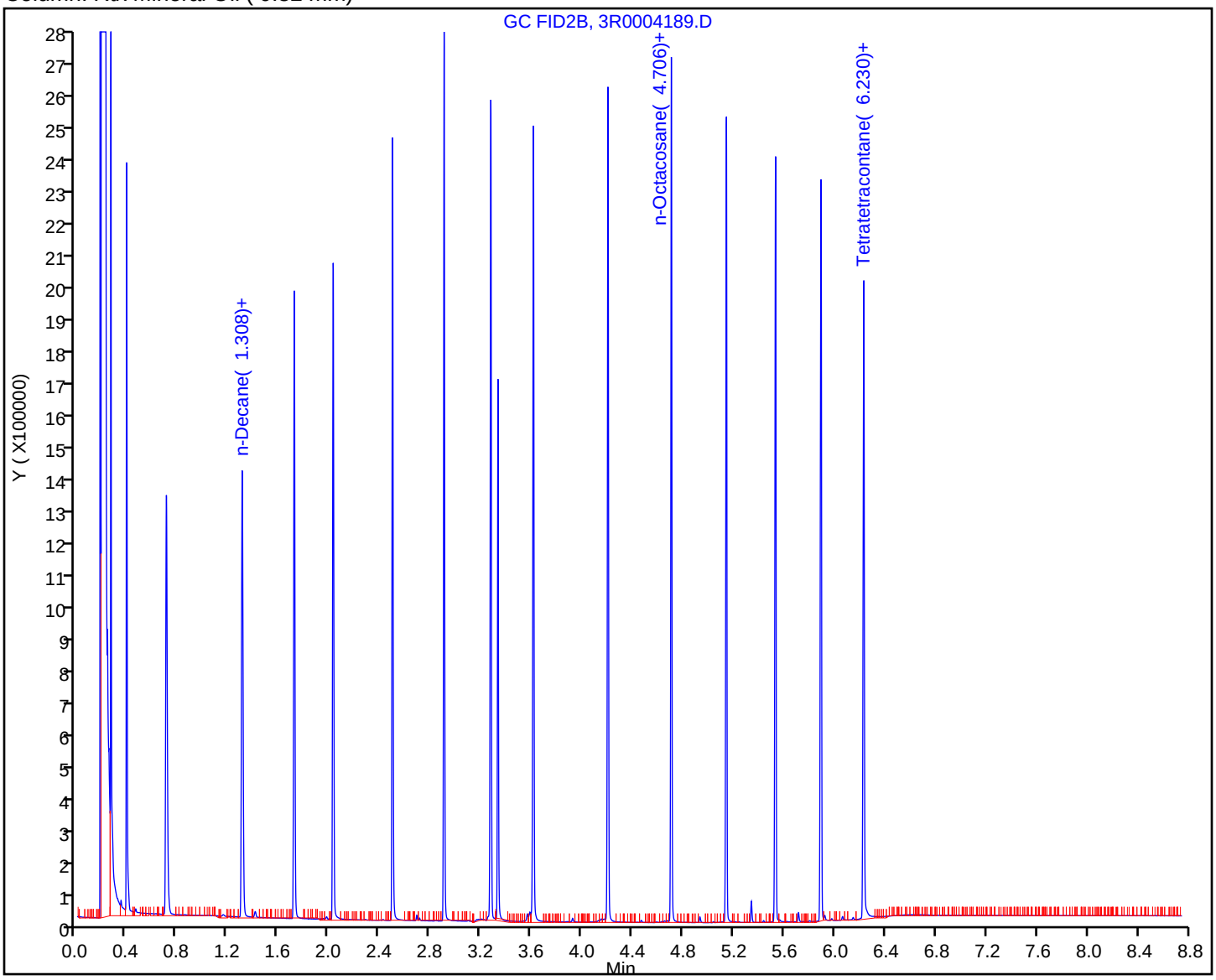
QC Flag Legend
Processing Flags

Reagents:
SGOROL3_00004 Amount Added: 1.00 Units: mL

Report Date: 21-Apr-2023 17:25:44 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004189.D
Injection Date: 21-Apr-2023 17:01:23 Instrument ID: CBNAGC3
Lims ID: CCV
Client ID:
Operator ID: ALS Bottle#: 76 Worklist Smp#: 26
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: DRO3R Limit Group: GC 8015C DRO ICAL
Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-904212/1-A

Matrix: Solid | Lab File ID: 3R0004167.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.00(g) | Date Analyzed: 04/21/2023 10:41

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	0.63	U	6.7	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	99		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004167.D
Lims ID: MB 460-904212/1-A
Client ID:
Sample Type: MB
Inject. Date: 21-Apr-2023 10:41:39 ALS Bottle#: 54 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-004
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 22-Apr-2023 09:43:38 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1675

First Level Reviewer: C0TZ Date: 21-Apr-2023 12:21:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.333	3.331	0.002	398397	20.0	19.7	

QC Flag Legend
Processing Flags

Report Date: 23-Apr-2023 08:14:24 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004167.D

Injection Date: 21-Apr-2023 10:41:39 Instrument ID: CBNAGC3

Lims ID: MB 460-904212/1-A

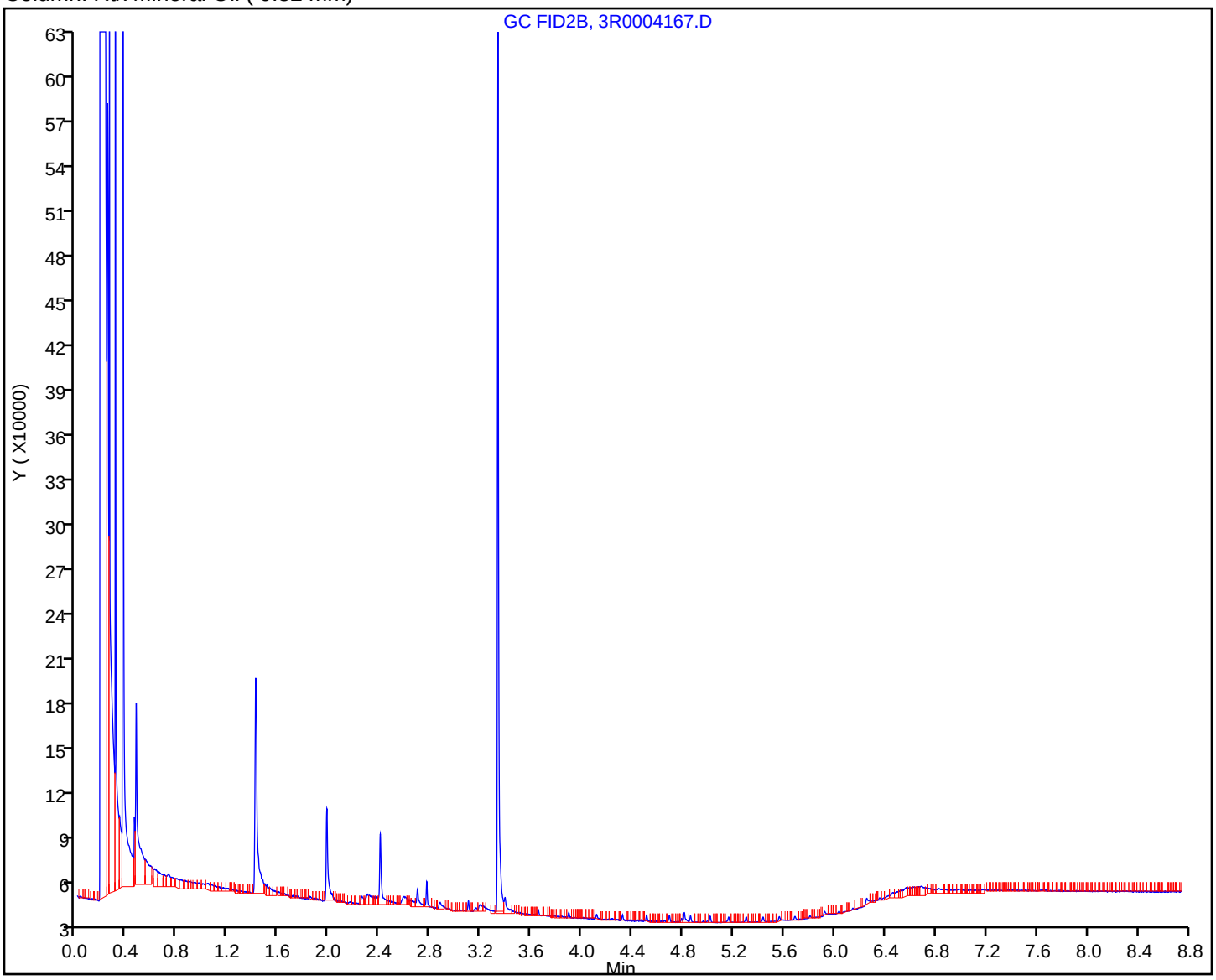
Client ID:

Operator ID: ALS Bottle#: 54 Worklist Smp#: 4

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



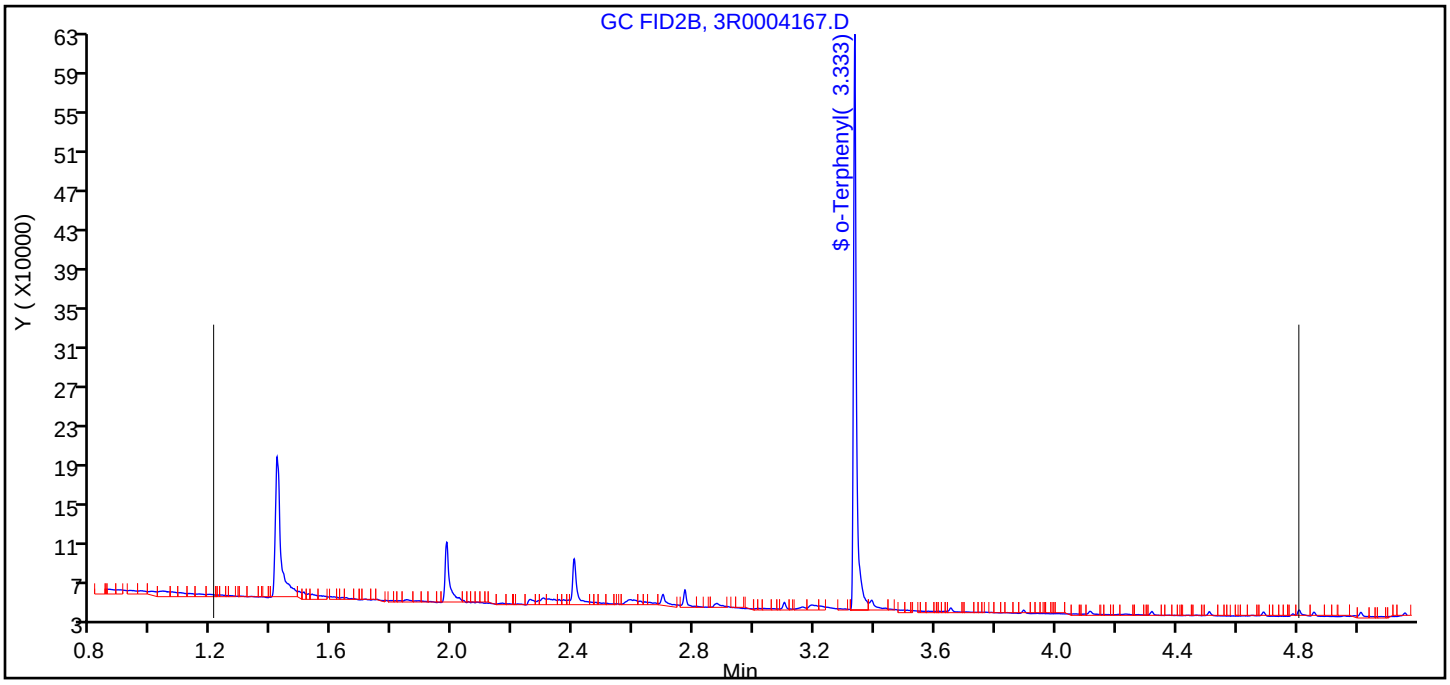
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004167.D				
Injection Date:	21-Apr-2023 10:41:39	Instrument ID:	CBNAGC3		
Lims ID:	MB 460-904212/1-A				
Client ID:					
Operator ID:		ALS Bottle#:	54	Worklist Smp#:	4
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143, Signal: 1, Type: quant, RT: 3.01

Processing Results



RT	Response	Amount
3.01	557184	29.289593
	Amount:	29.289593

Reviewer: C0TZ, 21-Apr-2023 12:20:57

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-904427/1

Matrix: Solid | Lab File ID: 3R0004164.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/21/2023 09:44

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	0.020	U	0.10	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	141		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004164.D
Lims ID: PIBLK
Client ID:
Sample Type: Client
Inject. Date: 21-Apr-2023 09:44:22 ALS Bottle#: 51 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-001
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 13:43:50 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1682

First Level Reviewer: C0TZ Date: 21-Apr-2023 10:21:30

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl					
3.334	3.331	0.003	1137556	56.3	

QC Flag Legend

Processing Flags

Reagents:

SGPIBLKDRO_00023 Amount Added: 1.00 Units: mL

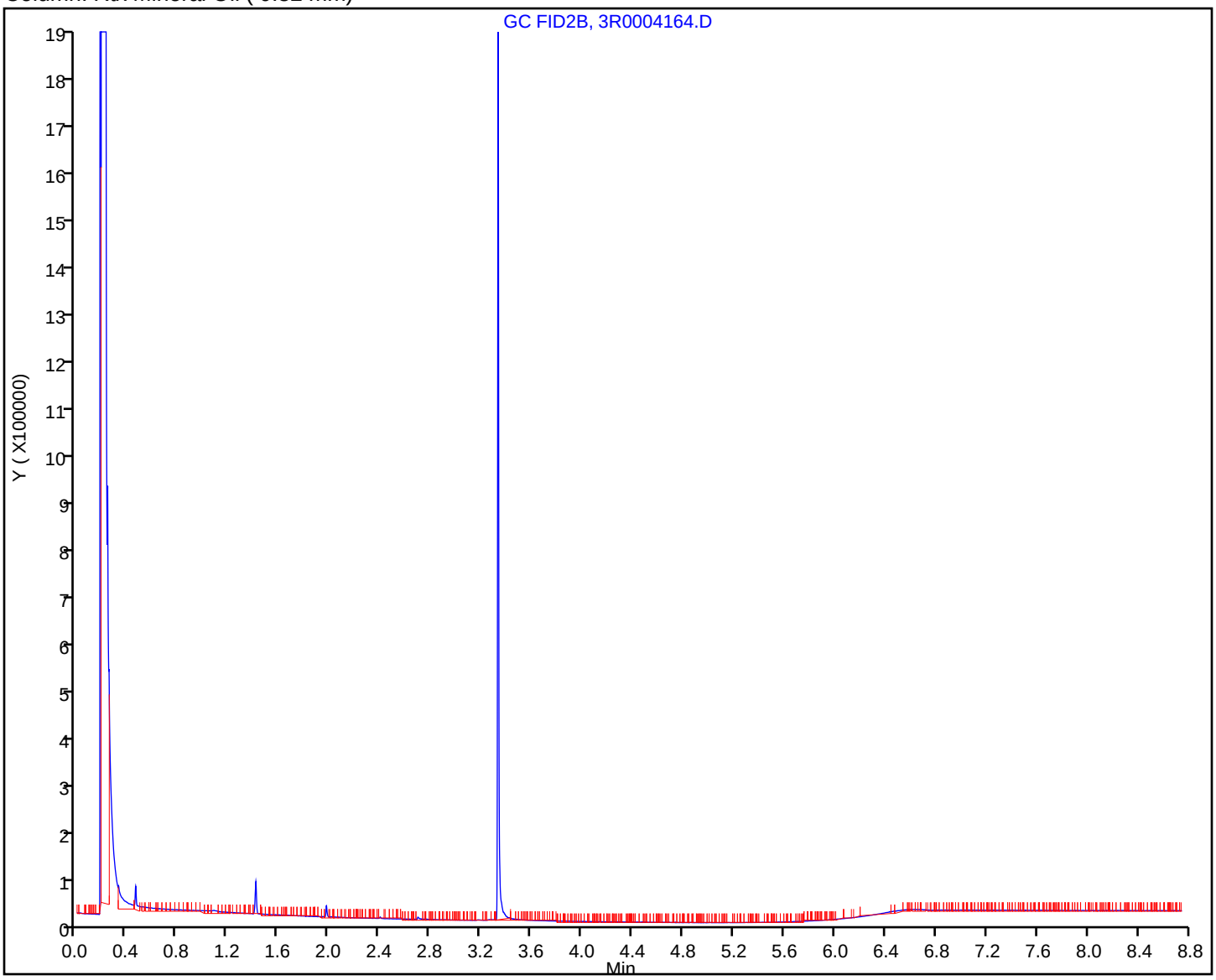
Report Date: 21-Apr-2023 14:04:52 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004164.D

Injection Date:	21-Apr-2023 09:44:22	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK	Lab Sample ID:	Client 460-904428/1-A		
Client ID:					
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		

Column: Rtx Mineral Oil (0.32 mm)



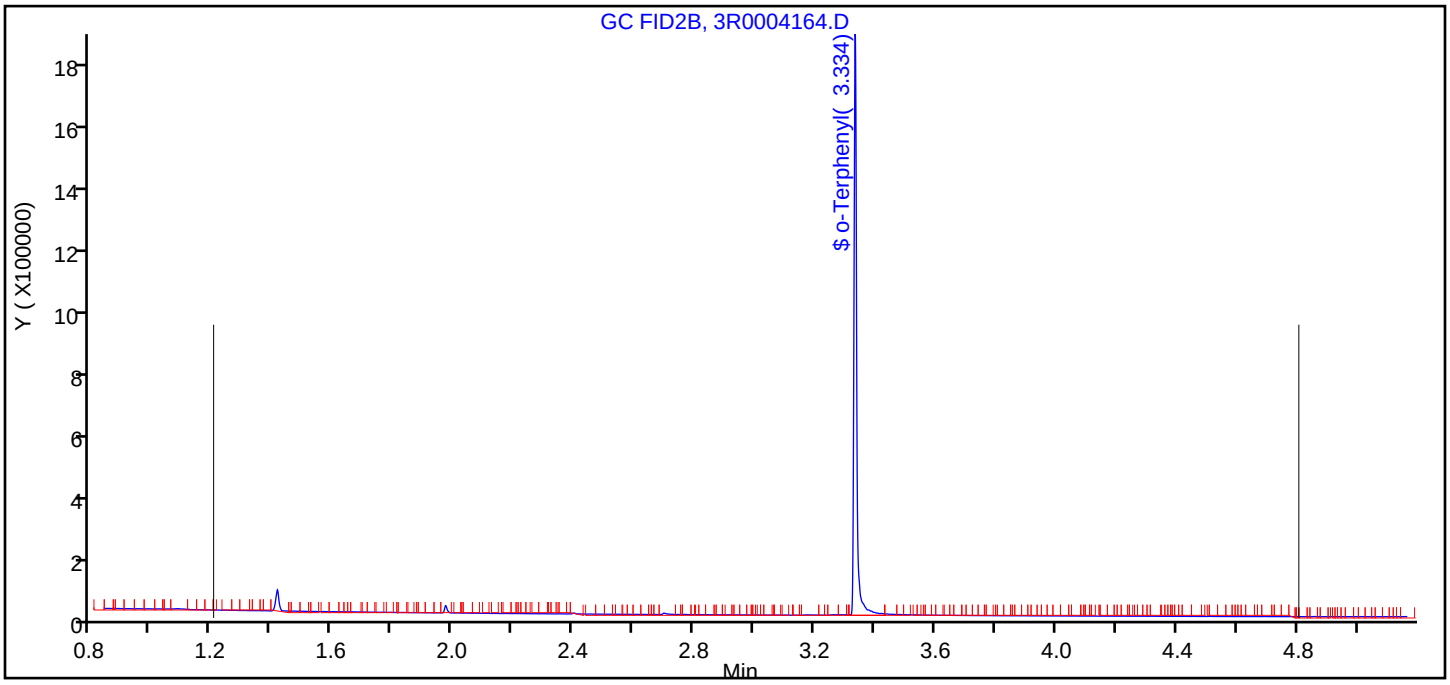
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004164.D				
Injection Date:	21-Apr-2023 09:44:22	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK	Lab Sample ID:	Client 460-904428/1-A		
Client ID:					
Operator ID:		ALS Bottle#:	51	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143, Signal: 1, Type: quant, RT: 3.01

Processing Results



RT	Response	Amount
3.01	179677	9.445114
	Amount:	9.445114

Reviewer: C0TZ, 21-Apr-2023 10:21:26

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-904427/25

Matrix: Solid | Lab File ID: 3R0004188.D

Analysis Method: 8015D | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/21/2023 16:45

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	0.020	U	0.10	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	142		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004188.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 21-Apr-2023 16:45:07 ALS Bottle#: 75 Worklist Smp#: 25
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-025
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 17:11:14 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1613

First Level Reviewer: C0TZ Date: 21-Apr-2023 17:16:03

RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
$ 4 o-Terphenyl						
3.333	3.331	0.002	1148361	40.0	56.8	

QC Flag Legend
Processing Flags

Reagents:
SGPIBLKDRO_00023 Amount Added: 1.00 Units: mL

Report Date: 21-Apr-2023 17:16:04 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004188.D

Injection Date: 21-Apr-2023 16:45:07 Instrument ID: CBNAGC3

Lims ID: PIBLK

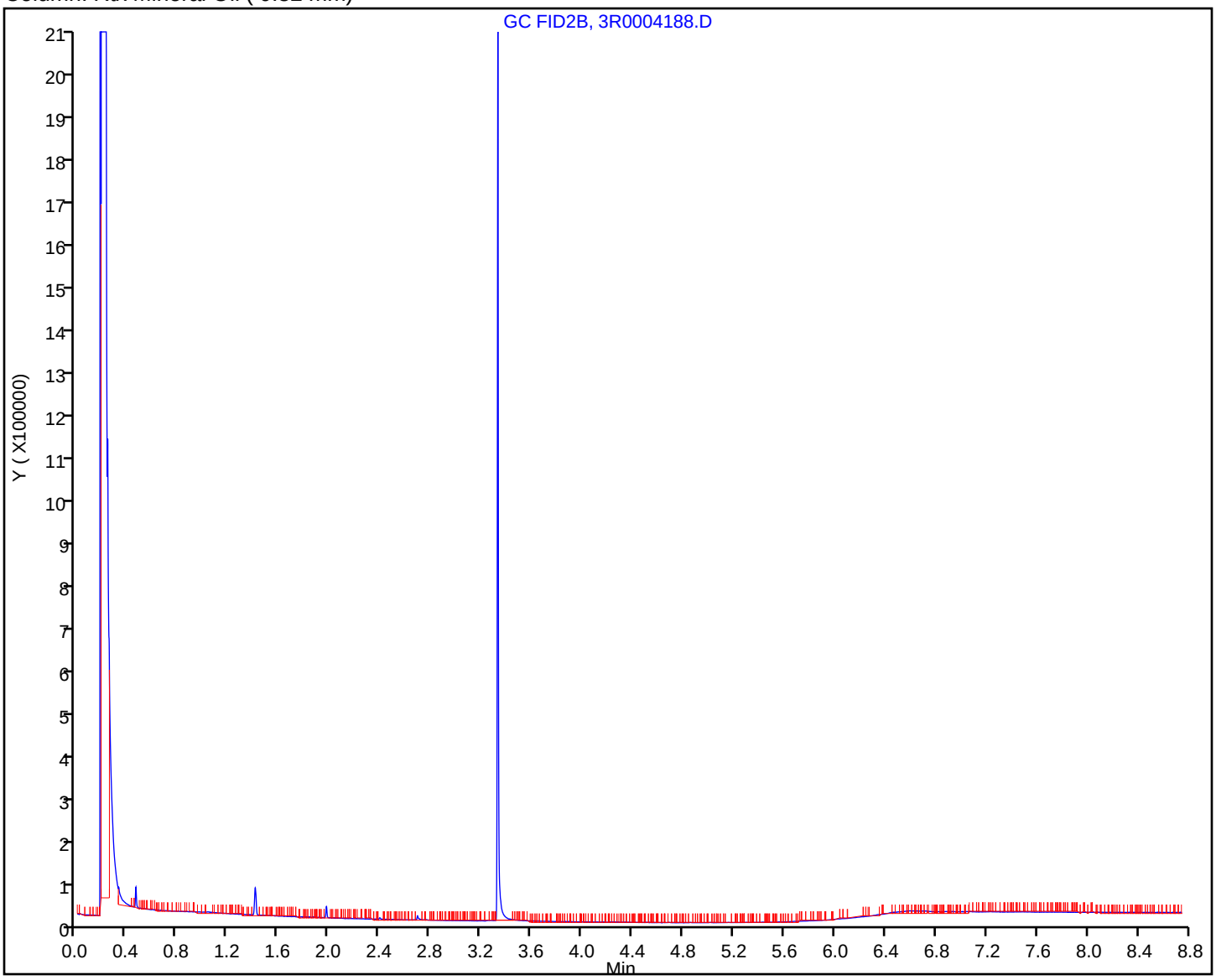
Client ID:

Operator ID: ALS Bottle#: 75 Worklist Smp#: 25

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



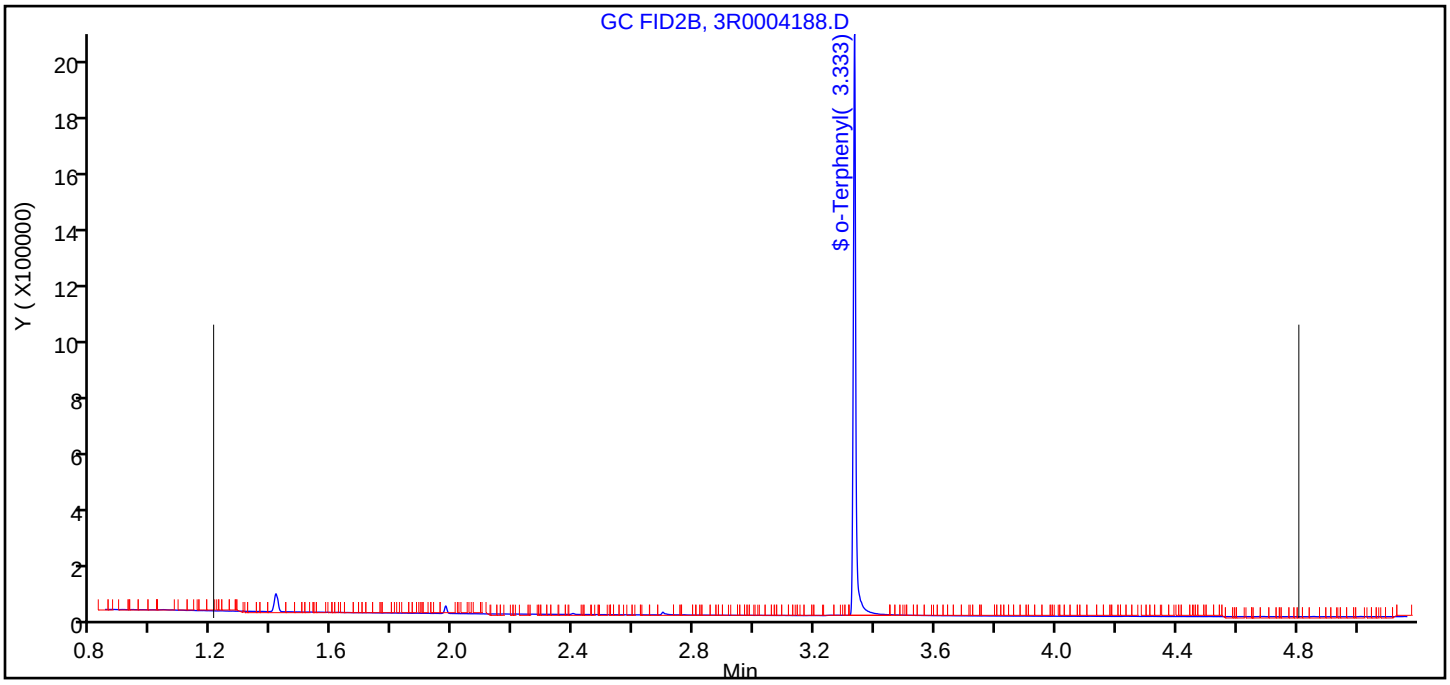
User Disabled Compound Report

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004188.D				
Injection Date:	21-Apr-2023 16:45:07	Instrument ID:	CBNAGC3		
Lims ID:	PIBLK				
Client ID:					
Operator ID:		ALS Bottle#:	75	Worklist Smp#:	25
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	DRO3R	Limit Group:	GC 8015C DRO ICAL		
Column:	Rtx Mineral Oil (0.32 mm)	Detector	GC FID1A		

A 2 C10-C28, CAS: STL00143, Signal: 1, Type: quant, RT: 3.01

Processing Results



RT	Response	Amount
3.01	150369	7.904475
	Amount:	7.904475

Reviewer: C0TZ, 21-Apr-2023 17:11:08

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-904212/2-A

Matrix: Solid | Lab File ID: 3R0004168.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.00(g) | Date Analyzed: 04/21/2023 11:03

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	53.8		6.7	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	117		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004168.D
Lims ID: LCS 460-904212/2-A
Client ID:
Sample Type: LCS
Inject. Date: 21-Apr-2023 11:03:11 ALS Bottle#: 55 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-005
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 12:21:03 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1618

First Level Reviewer: C0TZ Date: 21-Apr-2023 12:21:11

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
A	2 C10-C28						
	3.006 (1.204-4.808)			15357506	900.0	807.3	
$	4 o-Terphenyl						
	3.331	3.331	0.000	472339	20.0	23.4	
A	5 C10-C44						
	3.778 (1.204-6.352)			20059057	1300.0	996.3	
A	38 C28-C44						
	5.555 (4.608-6.502)			6489274	500.0	289.6	

QC Flag Legend
Processing Flags

Report Date: 21-Apr-2023 12:21:12 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004168.D

Injection Date: 21-Apr-2023 11:03:11 Instrument ID: CBNAGC3

Lims ID: LCS 460-904212/2-A

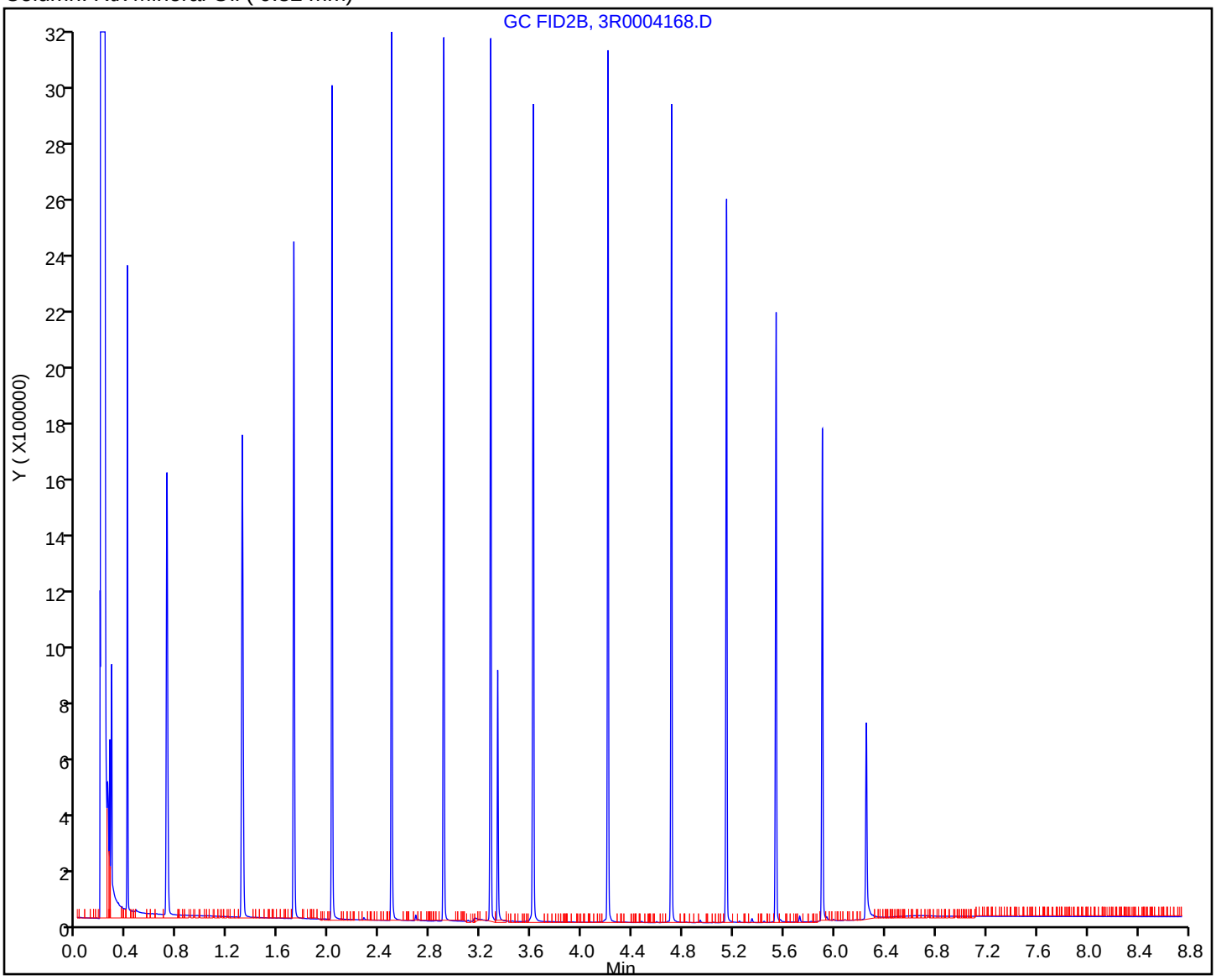
Client ID:

Operator ID: ALS Bottle#: 55 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



FORM I
DIESEL RANGE ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-904212/3-A

Matrix: Solid | Lab File ID: 3R0004169.D

Analysis Method: 8015D | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/20/2023 11:11

Sample wt/vol: 15.00(g) | Date Analyzed: 04/21/2023 11:18

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-Mineral Oil ID: 0.32(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904427 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
STL00143	Diesel Range Organics [C10-C28]	56.3		6.7	0.63

CAS NO.	SURROGATE	%REC	Q	LIMITS
84-15-1	o-Terphenyl	123		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004169.D
Lims ID: LCSD 460-904212/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 21-Apr-2023 11:18:34 ALS Bottle#: 56 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159410-006
Operator ID: Instrument ID: CBNAGC3

Method: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\DRO3R.m
Limit Group: GC 8015C DRO ICAL
Last Update: 21-Apr-2023 12:21:03 Calib Date: 11-Apr-2023 13:25:30
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CBNAGC3\20230411-158949.b\3R0004082.D

Column 1 : Rtx Mineral Oil (0.32 mm) Det: GC FID1A
Process Host: CTX1618

First Level Reviewer: C0TZ Date: 21-Apr-2023 12:21:21

	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/ml	OnCol Amt ug/ml	Flags
A	2 C10-C28						
	3.006 (1.204-4.808)			16051318	900.0	843.8	
$	4 o-Terphenyl						
	3.337	3.331	0.006	496146	20.0	24.5	
A	5 C10-C44						
	3.778 (1.204-6.352)			20249877	1300.0	1005.8	
A	38 C28-C44						
	5.555 (4.608-6.502)			6074024	500.0	271.0	

QC Flag Legend
Processing Flags

Report Date: 21-Apr-2023 12:21:21 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CBNAGC3\20230421-159410.b\3R0004169.D

Injection Date: 21-Apr-2023 11:18:34 Instrument ID: CBNAGC3

Lims ID: LCSD 460-904212/3-A

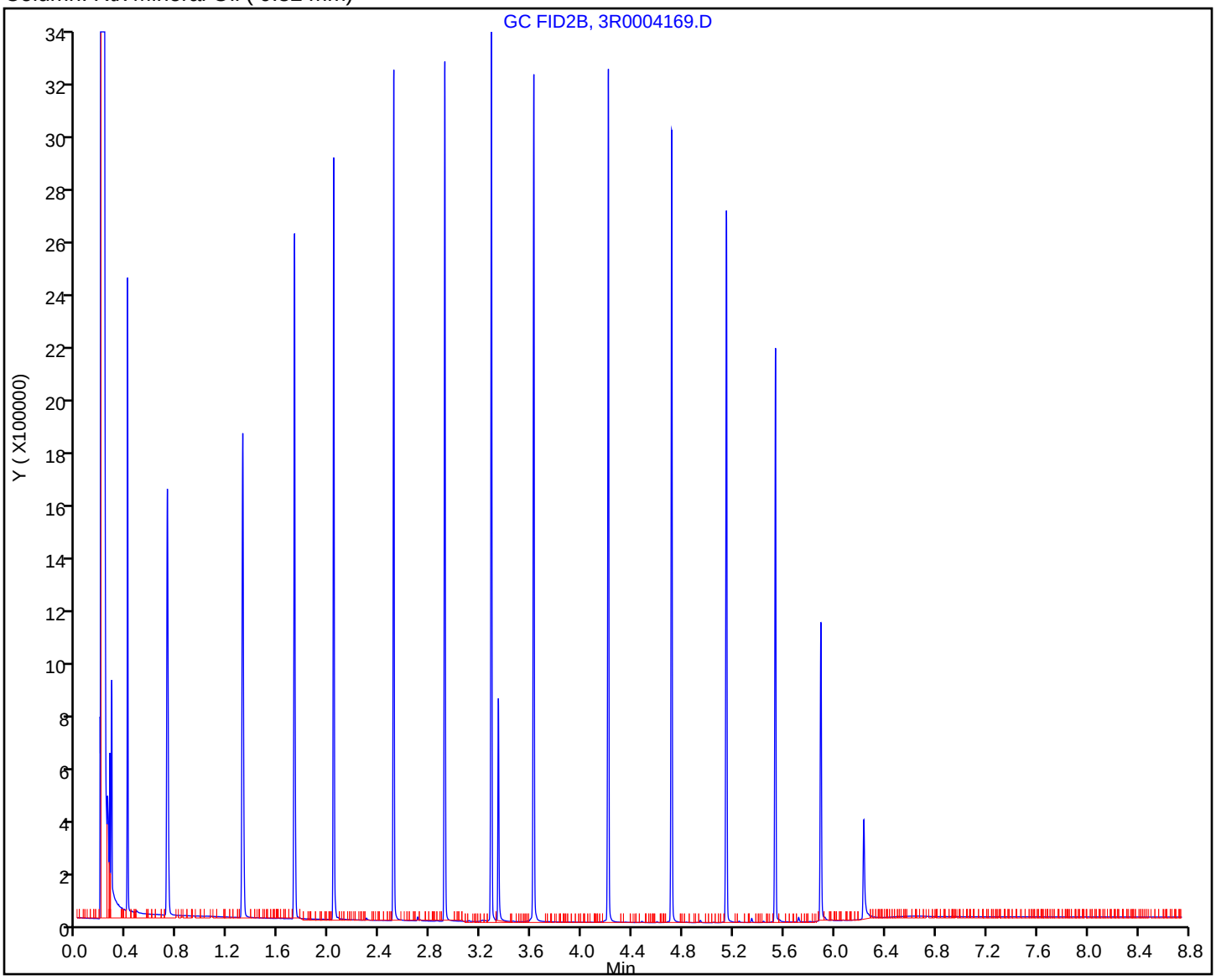
Client ID:

Operator ID: ALS Bottle#: 56 Worklist Smp#: 6

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: DRO3R Limit Group: GC 8015C DRO ICAL

Column: Rtx Mineral Oil (0.32 mm)



4/26/2023 9:25 PM

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CBNAGC3 Start Date: 04/11/2023 12:17

Analysis Batch Number: 902459 End Date: 04/11/2023 14:36

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 460-902459/2		04/11/2023 12:17	1	3R0004078.D	Rtx-Mineral Oil 0.32(mm)
IC 460-902459/3		04/11/2023 12:38	1	3R0004079.D	Rtx-Mineral Oil 0.32(mm)
IC 460-902459/4 ICRT		04/11/2023 12:54	1	3R0004080.D	Rtx-Mineral Oil 0.32(mm)
IC 460-902459/5		04/11/2023 13:09	1	3R0004081.D	Rtx-Mineral Oil 0.32(mm)
IC 460-902459/6		04/11/2023 13:25	1	3R0004082.D	Rtx-Mineral Oil 0.32(mm)
ICV 460-902459/7		04/11/2023 14:36	1	3R0004083.D	Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CBNAGC3 Start Date: 04/21/2023 09:44

Analysis Batch Number: 904427 End Date: 04/21/2023 20:07

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-904427/1		04/21/2023 09:44	1	3R0004164.D	Rtx-Mineral Oil 0.32(mm)
CCVRT 460-904427/3		04/21/2023 10:26	1	3R0004166.D	Rtx-Mineral Oil 0.32(mm)
MB 460-904212/1-A		04/21/2023 10:41	1	3R0004167.D	Rtx-Mineral Oil 0.32(mm)
LCS 460-904212/2-A		04/21/2023 11:03	1	3R0004168.D	Rtx-Mineral Oil 0.32(mm)
LCSD 460-904212/3-A		04/21/2023 11:18	1	3R0004169.D	Rtx-Mineral Oil 0.32(mm)
460-278409-7	WC-A-E-2(0-3)	04/21/2023 11:49	5	3R0004171.D	Rtx-Mineral Oil 0.32(mm)
460-278409-13	WC-A-E-3(0-3)	04/21/2023 12:05	1	3R0004172.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/21/2023 12:27	10		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/21/2023 12:43	10		Rtx-Mineral Oil 0.32(mm)
460-278409-1	WC-A-E-1(0-3)	04/21/2023 12:58	10	3R0004176.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-904427/15		04/21/2023 14:02	1	3R0004178.D	Rtx-Mineral Oil 0.32(mm)
460-278409-19	WC-A-E-4(0-3)	04/21/2023 16:07	1	3R0004186.D	Rtx-Mineral Oil 0.32(mm)
PIBLK 460-904427/25		04/21/2023 16:45	1	3R0004188.D	Rtx-Mineral Oil 0.32(mm)
CCV 460-904427/26		04/21/2023 17:01	1	3R0004189.D	Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/21/2023 19:06	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/21/2023 19:21	1		Rtx-Mineral Oil 0.32(mm)
ZZZZZ		04/21/2023 19:37	1		Rtx-Mineral Oil 0.32(mm)
PIBLK 460-904427/37		04/21/2023 19:52	1		Rtx-Mineral Oil 0.32(mm)
CCV 460-904427/38		04/21/2023 20:07	1		Rtx-Mineral Oil 0.32(mm)

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 902459 Batch Start Date: 04/11/23 12:17 Batch Analyst: Dalangin, Catalina

Batch Method: 8015D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SGOROICV 00006	SGOROL1 00005	SGOROL2 00004	SGOROL3 00004	SGOROL4 00004
IC 460-902459/2		8015D		1 mL		1 mL			
IC 460-902459/3		8015D		1 mL			1 mL		
IC 460-902459/4 ICRT		8015D		1 mL				1 mL	
IC 460-902459/5		8015D		1 mL					1 mL
IC 460-902459/6		8015D		1 mL					
ICV 460-902459/7		8015D		1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGOROL5 00004
IC 460-902459/2		8015D		
IC 460-902459/3		8015D		
IC 460-902459/4 ICRT		8015D		
IC 460-902459/5		8015D		
IC 460-902459/6		8015D		1 mL
ICV 460-902459/7		8015D		

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

DIESEL RANGE ORGANICS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904212 Batch Start Date: 04/20/23 11:11 Batch Analyst: Santos, Omar T

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OPDROSU 00038	OPOROSP 00011		
MB 460-904212/1		3546, 8015D		15.00 g	1 mL	1 mL			
LCS 460-904212/2		3546, 8015D		15.00 g	1 mL	1 mL	1 mL		
LCSD 460-904212/3		3546, 8015D		15.00 g	1 mL	1 mL	1 mL		
460-278409-F-1	WC-A-E-1(0-3)	3546, 8015D	T	15.00 g	1 mL	1 mL			
460-278409-E-7	WC-A-E-2(0-3)	3546, 8015D	T	15.03 g	1 mL	1 mL			
460-278409-G-13	WC-A-E-3(0-3)	3546, 8015D	T	15.01 g	1 mL	1 mL			
460-278409-F-19	WC-A-E-4(0-3)	3546, 8015D	T	15.03 g	1 mL	1 mL			

Batch Notes	
Method/Fraction	3546 / 8015D_DRO
Balance ID	34
Microwave Oven ID	MD-1952
Analyst ID - Extraction	OS
Analyst ID - Spike Analyst	OS
Analyst ID - Spike Witness Analyst	AB
Prep Solvent ID	Dichloromethane: 1062011
Na2SO4 ID	215895
Analyst ID - Concentration	OS
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	34.0 Degrees C
Concentration 1 Corrected Temperature	34.0 Degrees C
Vial Lot Number	20046051
Batch Comment	DRO Soil

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8081B

Organochlorine Pesticides by Gas Chromatography

FORM II
PESTICIDES SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
WC-A-E-1(0-3)	460-278409-1	72	78	76	77
WC-A-E-2(0-3)	460-278409-7	71	79	73	79
WC-A-E-3(0-3)	460-278409-13	71	76	76	80
WC-A-E-4(0-3)	460-278409-19	78	80	84	81
	MB 460-903966/1-A	105	96	105	103
	LB 460-904045/1-C	83	86	88	85
	LCS 460-903966/2-A	92	80	86	85
	LCSD 460-903966/3-A	94	80	88	86

	QC LIMITS
TCX = Tetrachloro-m-xylene	17-120
DCBP = DCB Decachlorobiphenyl	15-121

Column to be used to flag recovery values

FORM II 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 5F0961002.D

Lab ID: LCS 460-903966/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
Endrin	0.000800	0.000843	105	57-135	
Endrin	0.000800	0.000952	119	57-135	
gamma-BHC (Lindane)	0.000800	0.000855	107	65-123	
gamma-BHC (Lindane)	0.000800	0.000924	115	65-123	
Heptachlor	0.000800	0.000873	109	59-120	
Heptachlor	0.000800	0.000972	121	59-120	*+
Heptachlor epoxide	0.000800	0.000848	106	59-128	
Heptachlor epoxide	0.000800	0.000925	116	59-128	
Methoxychlor	0.000800	0.000977	122	35-138	
Methoxychlor	0.000800	0.000980	123	35-138	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM III
PESTICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 5F0961003.D

Lab ID: LCSD 460-903966/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Endrin	0.000800	0.000822	103	3	30	57-135	
Endrin	0.000800	0.000935	117	2	30	57-135	
gamma-BHC (Lindane)	0.000800	0.000832	104	3	30	65-123	
gamma-BHC (Lindane)	0.000800	0.000902	113	2	30	65-123	
Heptachlor	0.000800	0.000848	106	3	30	59-120	
Heptachlor	0.000800	0.000949	119	2	30	59-120	
Heptachlor epoxide	0.000800	0.000826	103	3	30	59-128	
Heptachlor epoxide	0.000800	0.000909	114	2	30	59-128	
Methoxychlor	0.000800	0.000962	120	2	30	35-138	
Methoxychlor	0.000800	0.000967	121	1	30	35-138	

Column to be used to flag recovery and RPD values

FORM III 8081B

FORM IV
PESTICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: MB 460-903966/1-A

Matrix: Water Date Extracted: 04/19/2023 10:14

Lab File ID:(1) 5F0961001.D Lab File ID:(2) 5F0961001.D

Date Analyzed:(1) 04/20/2023 10:20 Date Analyzed:(2) 04/20/2023 10:20

Instrument ID:(1) CPESTGC5 Instrument ID:(2) CPESTGC5

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-903966/2-A	04/20/2023 10:33	04/20/2023 10:33
	LCSD 460-903966/3-A	04/20/2023 10:46	04/20/2023 10:46
	LB 460-904045/1-C	04/21/2023 05:36	04/21/2023 05:36
WC-A-E-1(0-3)	460-278409-1	04/21/2023 06:24	04/21/2023 06:24
WC-A-E-2(0-3)	460-278409-7	04/21/2023 06:40	04/21/2023 06:40
WC-A-E-3(0-3)	460-278409-13	04/21/2023 06:56	04/21/2023 06:56
WC-A-E-4(0-3)	460-278409-19	04/21/2023 07:12	04/21/2023 07:12

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-888675/8 Date Analyzed: 01/18/2023 10:44

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F0009508.D Heated Purge: (Y/N) N

Calibration ID: 92192

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		21952758	1.64				
UPPER LIMIT		43905516	1.71				
LOWER LIMIT		10976379	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-888675/9		23739050	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-888675/8 Date Analyzed: 01/18/2023 10:44

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F0009508.D Heated Purge: (Y/N) N

Calibration ID: 92193

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		41217991	1.51				
UPPER LIMIT		82435982	1.58				
LOWER LIMIT		20608996	1.44				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-888675/9		45366844	1.51				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-888675/12 Date Analyzed: 01/18/2023 11:48

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F0009512.D Heated Purge: (Y/N) N

Calibration ID: 92180

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		25280828	1.64				
UPPER LIMIT		50561656	1.71				
LOWER LIMIT		12640414	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-888675/15		24918784	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-888675/12 Date Analyzed: 01/18/2023 11:48

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F0009512.D Heated Purge: (Y/N) N

Calibration ID: 92181

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		46637848	1.51				
UPPER LIMIT		93275696	1.58				
LOWER LIMIT		23318924	1.44				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-888675/15		46447061	1.51				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-888675/18 Date Analyzed: 01/18/2023 13:24

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F0009518.D Heated Purge: (Y/N) N

Calibration ID: 92186

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		24977246	1.64				
UPPER LIMIT		49954492	1.71				
LOWER LIMIT		12488623	1.57				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-888675/21		24195484	1.64				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-888675/18 Date Analyzed: 01/18/2023 13:24

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F0009518.D Heated Purge: (Y/N) N

Calibration ID: 92187

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		46780656	1.51				
UPPER LIMIT		93561312	1.58				
LOWER LIMIT		23390328	1.44				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-888675/21		46003410	1.51				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904358/3 Date Analyzed: 04/21/2023 03:13

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 4F0011752.D Heated Purge: (Y/N) N

Calibration ID: 92186

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		38537148	1.62				
UPPER LIMIT		77074296	1.69				
LOWER LIMIT		19268574	1.55				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-904358/4		36537945	1.62				
CCV 460-904358/5		33715629	1.62				
LB 460-904045/1-C		29297675	1.62				
460-278409-1	WC-A-E-1(0-3)	29677866	1.62				
460-278409-7	WC-A-E-2(0-3)	30145106	1.62				
460-278409-13	WC-A-E-3(0-3)	30146227	1.62				
460-278409-19	WC-A-E-4(0-3)	27929426	1.62				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904358/3 Date Analyzed: 04/21/2023 03:13

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 4F0011752.D Heated Purge: (Y/N) N

Calibration ID: 92187

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		73539560	1.50				
UPPER LIMIT		147079120	1.57				
LOWER LIMIT		36769780	1.43				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-904358/4		70094147	1.50				
CCV 460-904358/5		65564057	1.50				
LB 460-904045/1-C		56666777	1.50				
460-278409-1	WC-A-E-1(0-3)	59711387	1.50				
460-278409-7	WC-A-E-2(0-3)	64122387	1.50				
460-278409-13	WC-A-E-3(0-3)	62039650	1.50				
460-278409-19	WC-A-E-4(0-3)	53150439	1.50				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-903463/8 Date Analyzed: 04/17/2023 12:00

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 5F0960935.D Heated Purge: (Y/N) N

Calibration ID: 92805

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		15320193	1.69				
UPPER LIMIT		30640386	1.76				
LOWER LIMIT		7660097	1.62				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903463/9		16148323	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-903463/8 Date Analyzed: 04/17/2023 12:00

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 5F0960935.D Heated Purge: (Y/N) N

Calibration ID: 92806

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		15025608	1.61				
UPPER LIMIT		30051216	1.68				
LOWER LIMIT		7512804	1.54				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903463/9		15734352	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-903463/12 Date Analyzed: 04/17/2023 12:52

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 5F0960939.D Heated Purge: (Y/N) N

Calibration ID: 92713

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		17066675	1.69				
UPPER LIMIT		34133350	1.76				
LOWER LIMIT		8533338	1.62				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903463/15		16852955	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-903463/12 Date Analyzed: 04/17/2023 12:52

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 5F0960939.D Heated Purge: (Y/N) N

Calibration ID: 92714

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		16470908	1.61				
UPPER LIMIT		32941816	1.68				
LOWER LIMIT		8235454	1.54				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903463/15		16276974	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-903463/18 Date Analyzed: 04/17/2023 14:10

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 5F0960945.D Heated Purge: (Y/N) N

Calibration ID: 92719

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		16218432	1.69				
UPPER LIMIT		32436864	1.76				
LOWER LIMIT		8109216	1.62				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903463/21		16917381	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-903463/18 Date Analyzed: 04/17/2023 14:10

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 5F0960945.D Heated Purge: (Y/N) N

Calibration ID: 92720

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		16408712	1.61				
UPPER LIMIT		32817424	1.68				
LOWER LIMIT		8204356	1.54				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-903463/21		16745155	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904119/3 Date Analyzed: 04/20/2023 03:25

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 5F0960969.D Heated Purge: (Y/N) N

Calibration ID: 92719

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		18117851	1.68				
UPPER LIMIT		36235702	1.75				
LOWER LIMIT		9058926	1.61				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-904119/4		18333916	1.69				
CCV 460-904119/5		18190793	1.69				
MB 460-903966/1-A		16672765	1.69				
LCS 460-903966/2-A		20729805	1.69				
LCSD 460-903966/3-A		19675613	1.69				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PESTICIDES INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904119/3 Date Analyzed: 04/20/2023 03:25

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 5F0960969.D Heated Purge: (Y/N) N

Calibration ID: 92720

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		16468517	1.60				
UPPER LIMIT		32937034	1.67				
LOWER LIMIT		8234259	1.53				
LAB SAMPLE ID	CLIENT SAMPLE ID						
CCV 460-904119/4		17085577	1.60				
CCV 460-904119/5		15959847	1.61				
MB 460-903966/1-A		22586436	1.61				
LCS 460-903966/2-A		27931155	1.61				
LCSD 460-903966/3-A		26592566	1.61				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-903966/2-A

Instrument ID (1): CPESTGC5 Instrument ID (2): CPESTGC5

Date Analyzed (1): 04/20/2023 10:33 Date Analyzed (2): 04/20/2023 10:33

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		2.55	2.54	2.56	0.000924		7.8
	2		3.02	3.01	3.03	0.000855		
Heptachlor	1		2.93	2.92	2.94	0.000972		10.6
	2		3.50	3.49	3.51	0.000873		
Heptachlor epoxide	1		3.83	3.81	3.83	0.000925		8.7
	2		4.57	4.56	4.58	0.000848		
Endrin	1		4.78	4.77	4.79	0.000952		12.1
	2		5.52	5.51	5.53	0.000843		
Methoxychlor	1		5.55	5.53	5.55	0.000980		0.4
	2		6.83	6.82	6.84	0.000977		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-903966/3-A

Instrument ID (1): CPESTGC5 Instrument ID (2): CPESTGC5

Date Analyzed (1): 04/20/2023 10:46 Date Analyzed (2): 04/20/2023 10:46

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
gamma-BHC (Lindane)	1		2.55	2.54	2.56	0.000902		8.0
	2		3.02	3.01	3.03	0.000832		
Heptachlor	1		2.93	2.92	2.94	0.000949		11.3
	2		3.50	3.49	3.51	0.000848		
Heptachlor epoxide	1		3.83	3.81	3.83	0.000909		9.5
	2		4.57	4.56	4.58	0.000826		
Endrin	1		4.78	4.77	4.79	0.000935		12.9
	2		5.52	5.51	5.53	0.000822		
Methoxychlor	1		5.54	5.53	5.55	0.000967		0.6
	2		6.83	6.82	6.84	0.000962		

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) | Lab Sample ID: 460-278409-1

Matrix: Solid (TCLP) | Lab File ID: 4F0011764.D

Analysis Method: 8081B | Date Collected: 04/17/2023 13:40

Extraction Method: 3510C | Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 04/21/2023 06:24

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.000055	U	0.0050	0.000055
72-20-8	Endrin	0.0000040	U	0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012
76-44-8	Heptachlor	0.0000030	U	0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.0000050	U	0.00050	0.0000050
72-43-5	Methoxychlor	0.0000040	U	0.00050	0.0000040
8001-35-2	Toxaphene	0.00011	U	0.0050	0.00011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	77		15-121
877-09-8	Tetrachloro-m-xylene	78		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011764.D
Lims ID: 460-278409-M-1-E
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 06:24:25 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-015
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:16:47 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:16:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.623	1.622	0.001	29677866	100.0	
2	1.497	1.497	0.000	59711387	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.154	2.150	0.004	26177879	77.6	
2	1.851	1.848	0.003	47712936	71.8	
					RPD = 7.74	
$ 24 DCB Decachlorobiphenyl						
1	8.337	8.336	0.001	32336739	77.1	
2	7.266	7.263	0.003	57625001	76.2	
					RPD = 1.09	

QC Flag Legend
Processing Flags

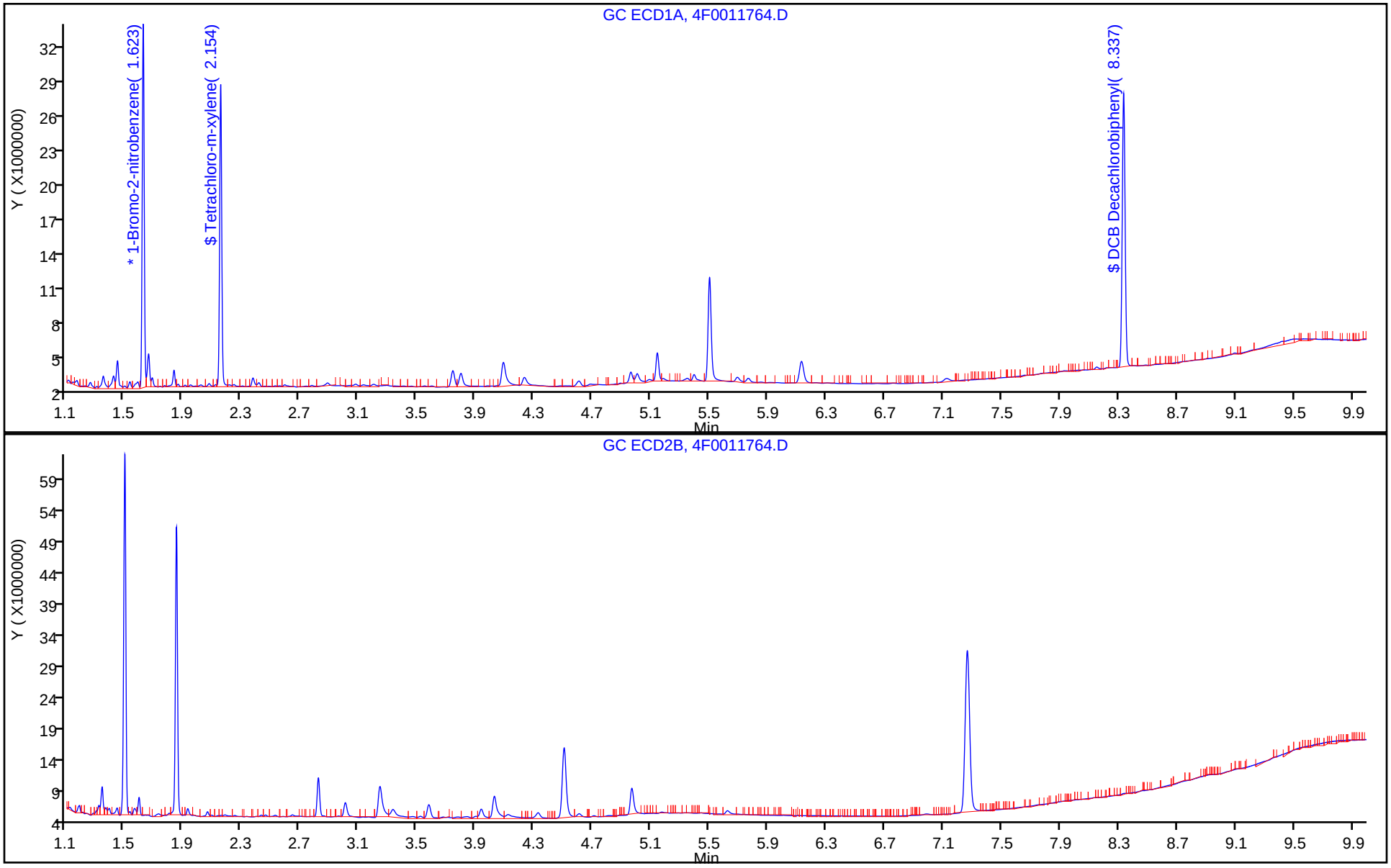
Reagents:
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 07:16:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011764.D

Injection Date:	21-Apr-2023 06:24:25	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-1-E	Lab Sample ID:	460-278409-1	Worklist Smp#:	15
Client ID:	WC-A-E-1(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

User Disabled Compound Report

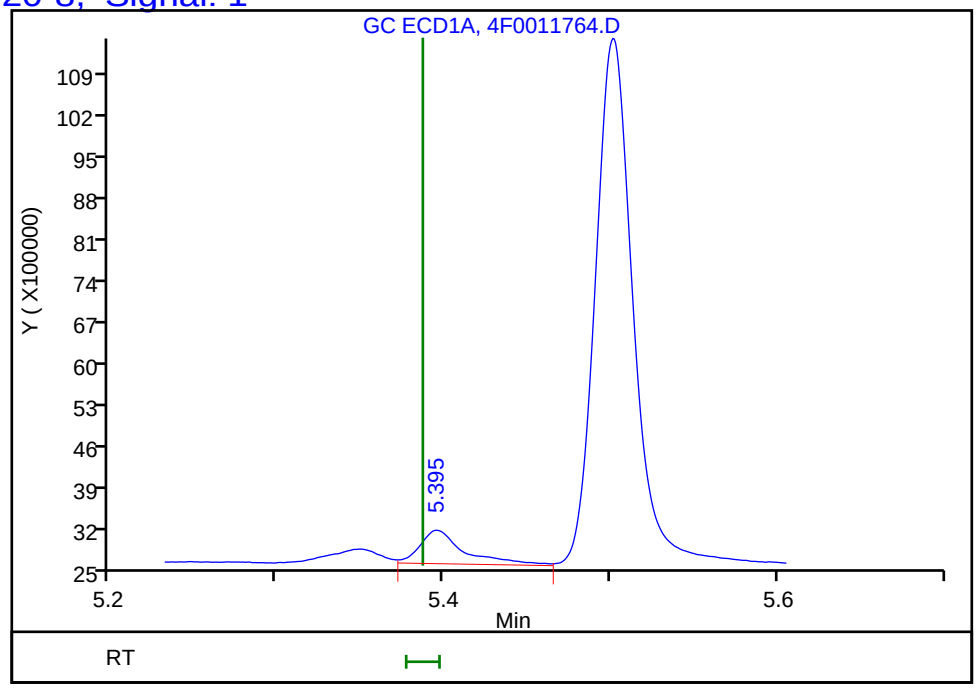
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011764.D
Injection Date: 21-Apr-2023 06:24:25 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-1-E Lab Sample ID: 460-278409-1
Client ID: WC-A-E-1(0-3)
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

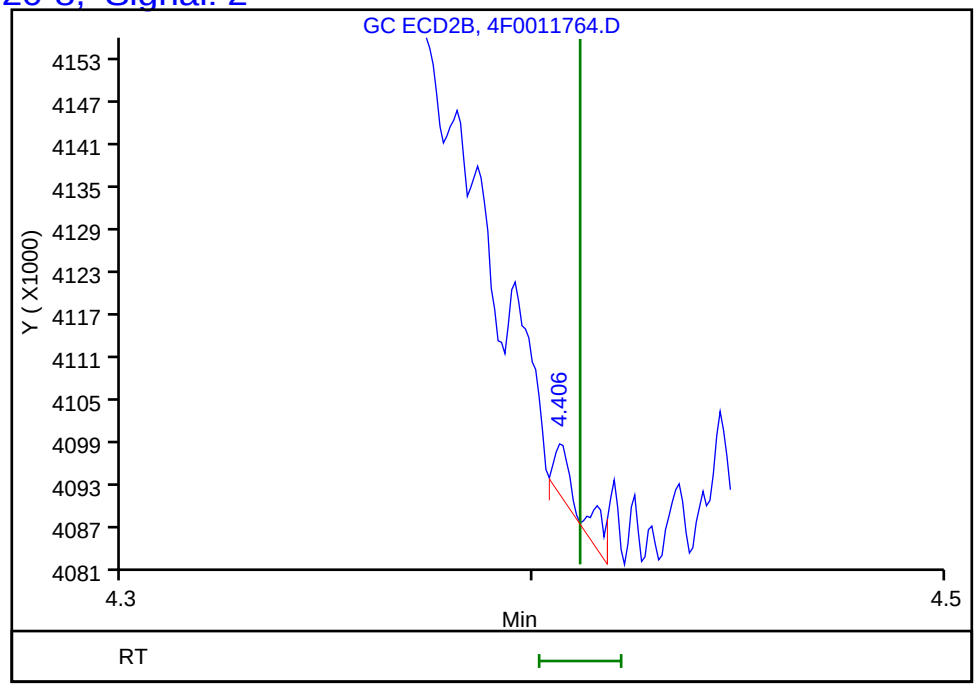
RT: 5.40
Response: 1079109
Amount: 2.333329



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.41
Response: 3231
Amount: 0.004546



Reviewer: ESS0, 21-Apr-2023 06:38:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) Lab Sample ID: 460-278409-1

Matrix: Solid (TCLP) Lab File ID: 4F0011764.D

Analysis Method: 8081B Date Collected: 04/17/2023 13:40

Extraction Method: 3510C Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) Date Analyzed: 04/21/2023 06:24

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		15-121
877-09-8	Tetrachloro-m-xylene	72		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011764.D
Lims ID: 460-278409-M-1-E
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 06:24:25 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-015
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:16:47 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:16:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.623	1.622	0.001	29677866	100.0	
2	1.497	1.497	0.000	59711387	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.154	2.150	0.004	26177879	77.6	
2	1.851	1.848	0.003	47712936	71.8	
					RPD = 7.74	
$ 24 DCB Decachlorobiphenyl						
1	8.337	8.336	0.001	32336739	77.1	
2	7.266	7.263	0.003	57625001	76.2	
					RPD = 1.09	

QC Flag Legend
Processing Flags

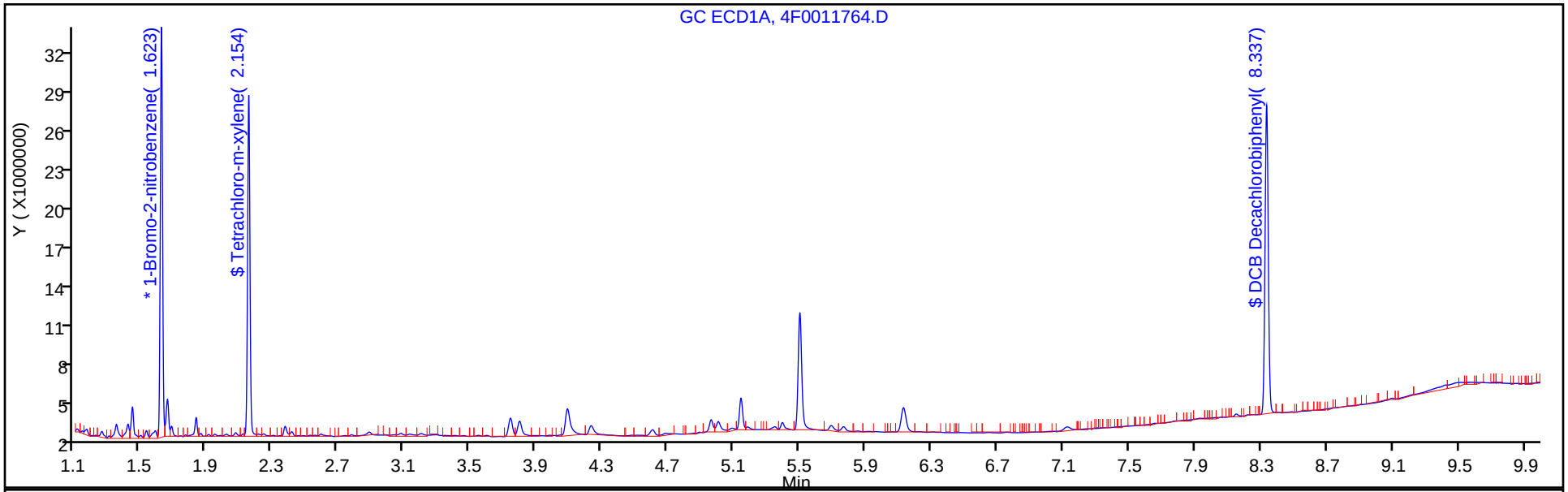
Reagents:
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

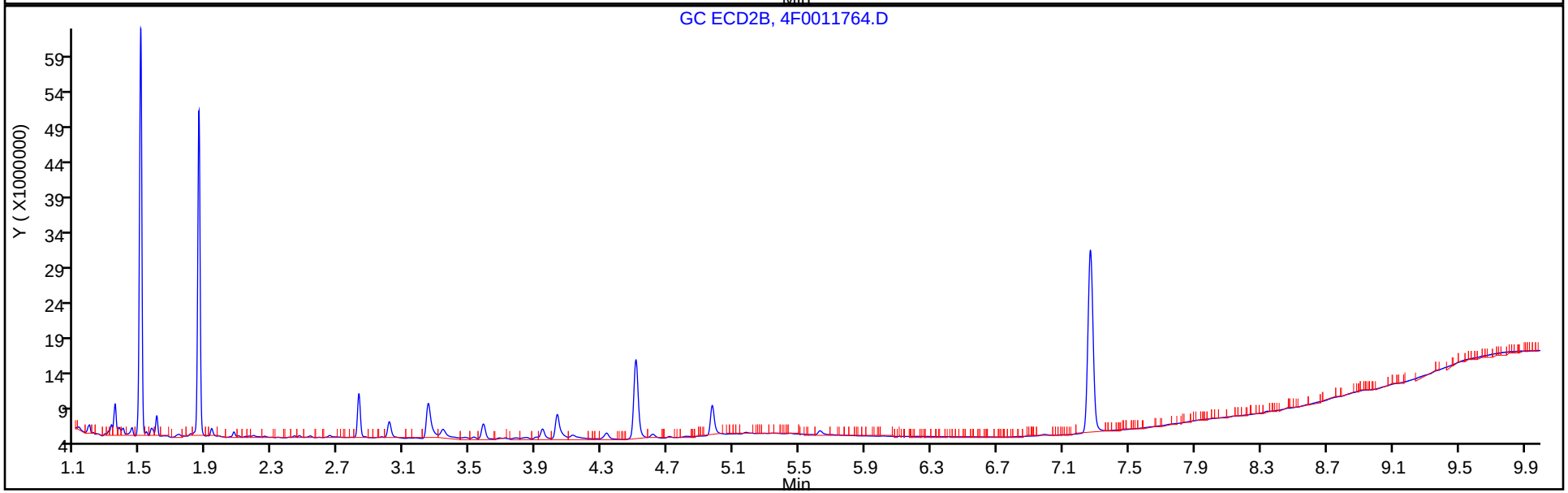
Report Date: 21-Apr-2023 07:16:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011764.D

Injection Date:	21-Apr-2023 06:24:25	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-1-E	Lab Sample ID:	460-278409-1	Worklist Smp#:	15
Client ID:	WC-A-E-1(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

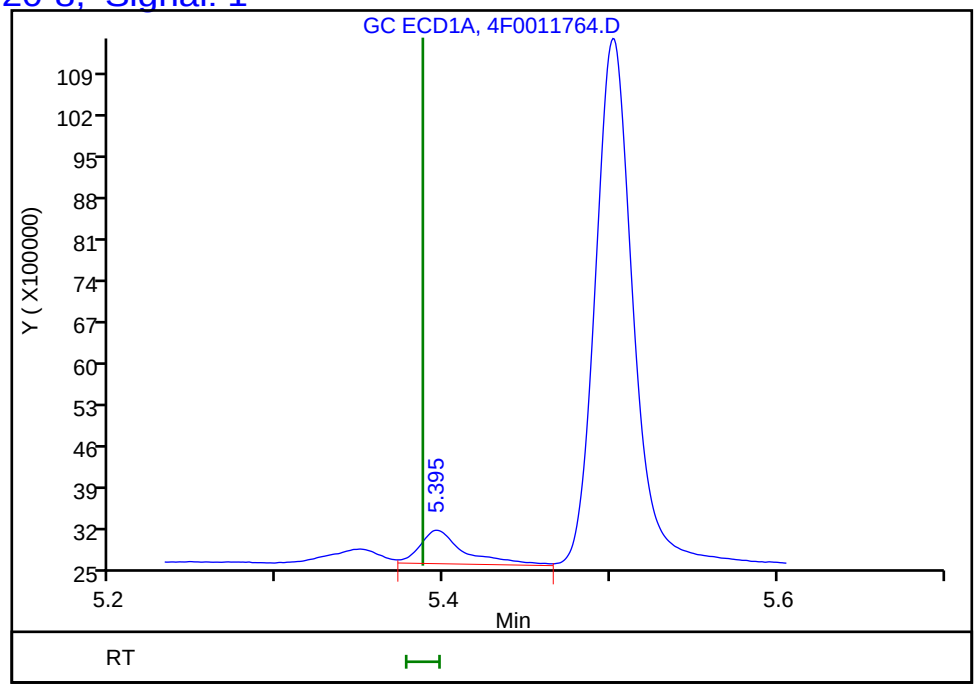
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011764.D
Injection Date: 21-Apr-2023 06:24:25 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-1-E Lab Sample ID: 460-278409-1
Client ID: WC-A-E-1(0-3)
Operator ID: ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

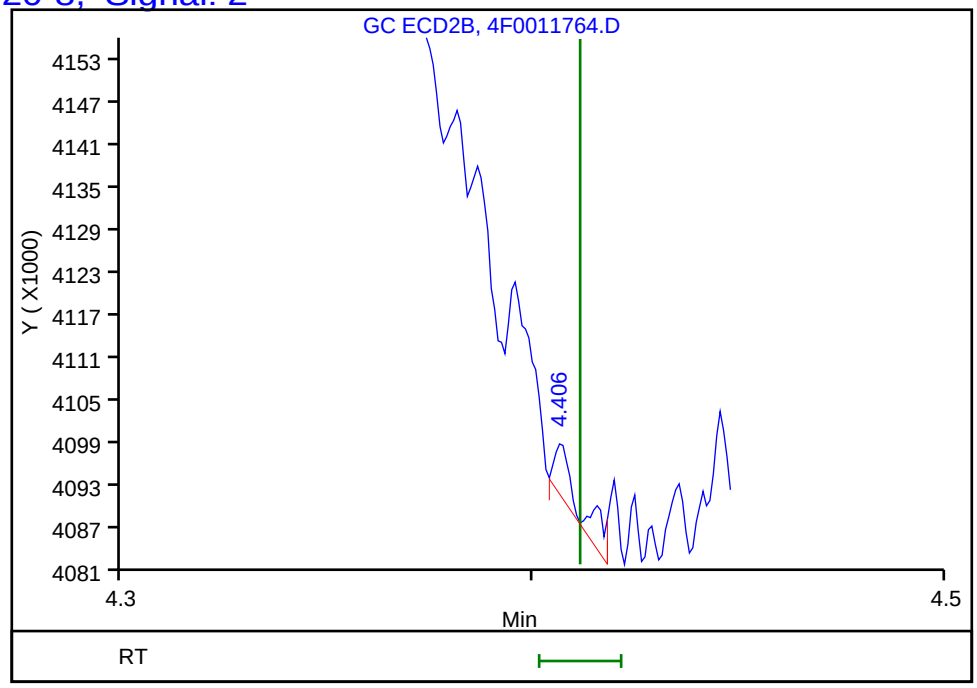
RT: 5.40
Response: 1079109
Amount: 2.333329



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.41
Response: 3231
Amount: 0.004546



Reviewer: ESS0, 21-Apr-2023 06:38:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) | Lab Sample ID: 460-278409-7

Matrix: Solid (TCLP) | Lab File ID: 4F0011765.D

Analysis Method: 8081B | Date Collected: 04/17/2023 11:00

Extraction Method: 3510C | Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 04/21/2023 06:40

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.000055	U	0.0050	0.000055
72-20-8	Endrin	0.0000040	U	0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012
76-44-8	Heptachlor	0.0000030	U	0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.0000050	U	0.00050	0.0000050
72-43-5	Methoxychlor	0.0000040	U	0.00050	0.0000040
8001-35-2	Toxaphene	0.00011	U	0.0050	0.00011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	79		15-121
877-09-8	Tetrachloro-m-xylene	79		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D
Lims ID: 460-278409-M-7-E
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 06:40:25 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-016
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:16:47 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:16:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.622	1.622	0.000	30145106	100.0	
2	1.496	1.497	-0.001	64122387	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.153	2.150	0.003	27006082	78.8	
2	1.850	1.848	0.002	50477739	70.7	
					RPD = 10.78	
$ 24 DCB Decachlorobiphenyl						
1	8.337	8.336	0.001	33547847	78.7	
2	7.267	7.263	0.004	59570547	73.4	
					RPD = 7.01	

Reagents:

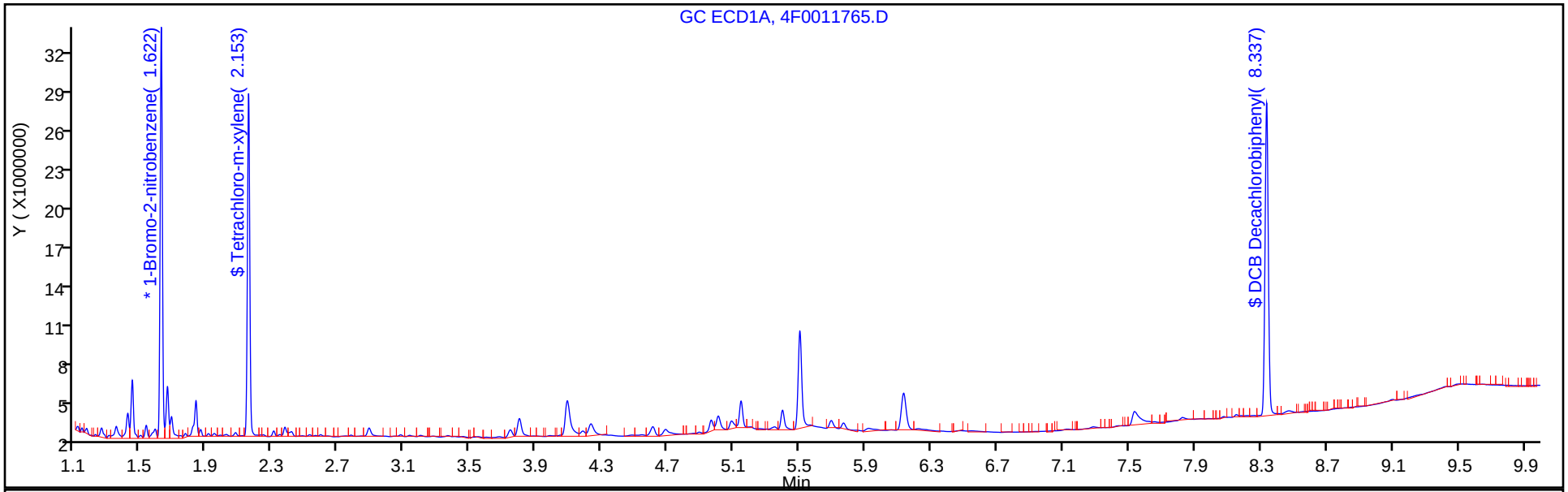
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

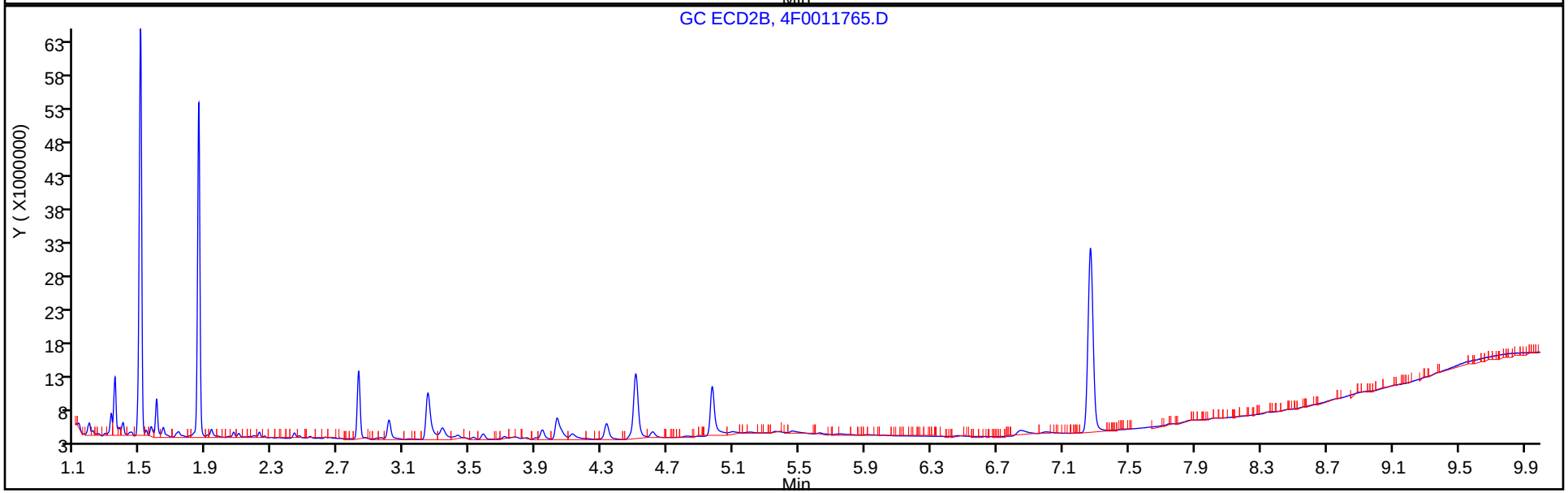
Report Date: 21-Apr-2023 07:16:53 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D

Injection Date:	21-Apr-2023 06:40:25	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-7-E	Lab Sample ID:	460-278409-7	Worklist Smp#:	16
Client ID:	WC-A-E-2(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

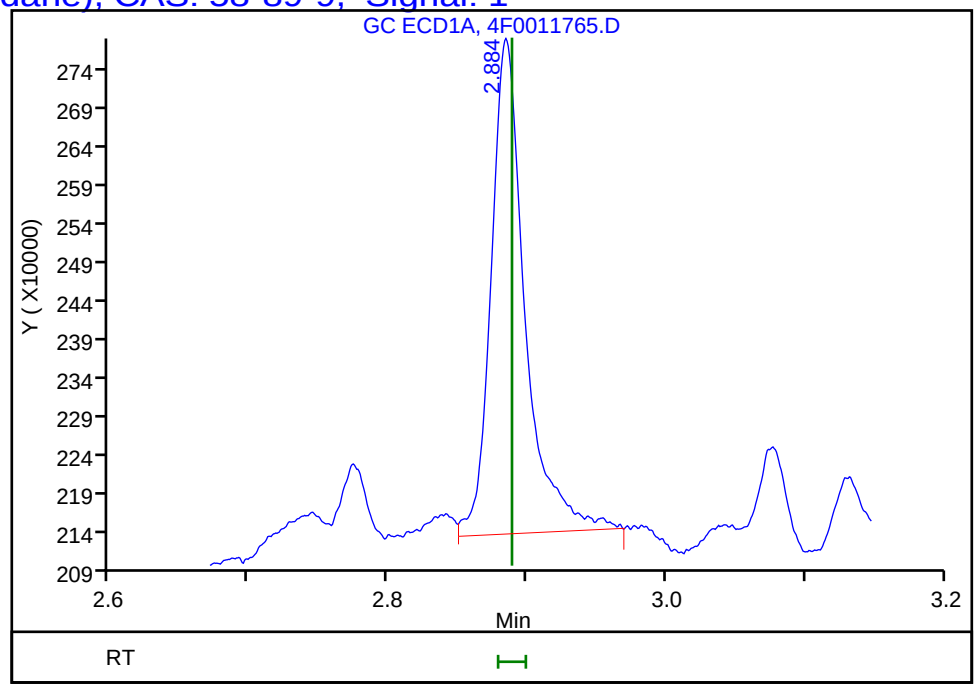
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D

Injection Date:	21-Apr-2023 06:40:25	Instrument ID:	CPESTGC4
Lims ID:	460-278409-M-7-E	Lab Sample ID:	460-278409-7
Client ID:	WC-A-E-2(0-3)		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD
Column:		Detector	GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

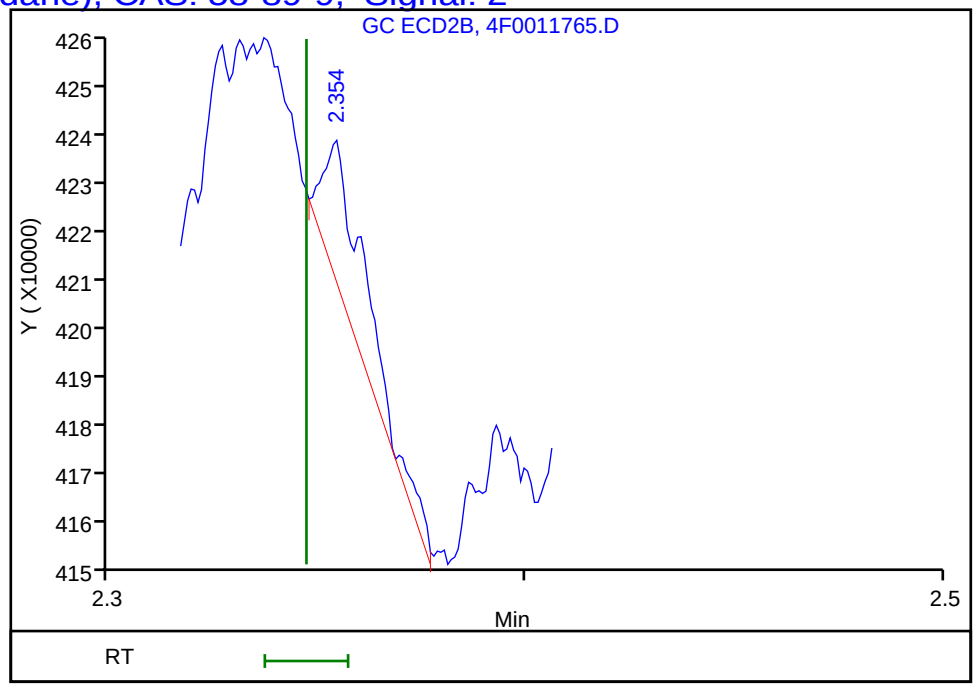
RT: 2.88
Response: 1088476
Amount: 2.401747



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.35
Response: 20224
Amount: 0.022782



Reviewer: ESS0, 21-Apr-2023 07:16:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

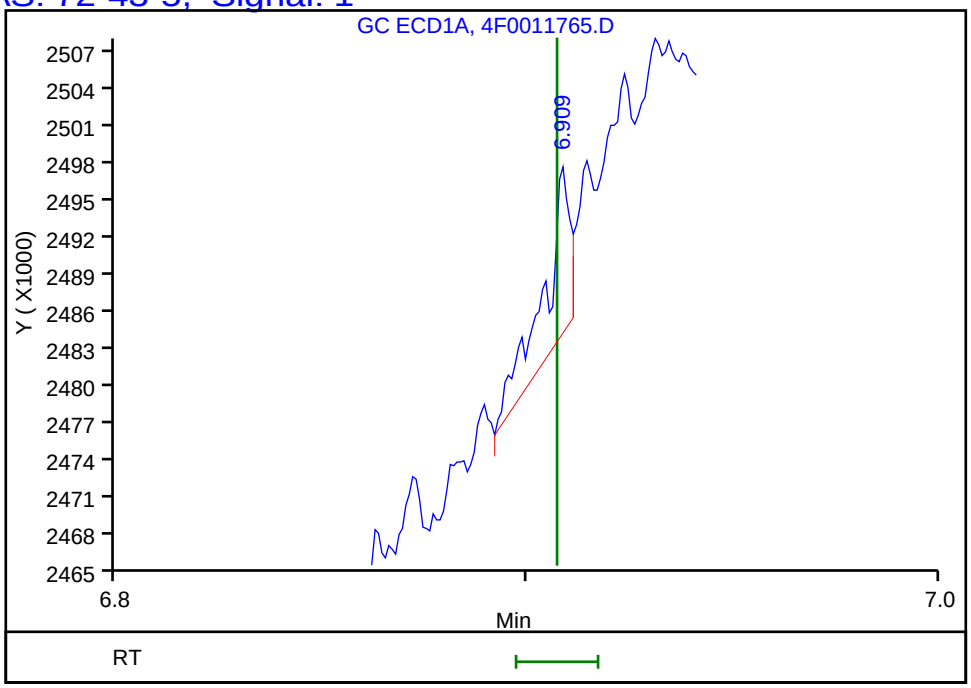
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D
Injection Date: 21-Apr-2023 06:40:25 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-7-E Lab Sample ID: 460-278409-7
Client ID: WC-A-E-2(0-3)
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.91
Response: 5675
Amount: 0.031642



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29
Response: 26319
Amount: 0.088283

Reviewer: ESS0, 21-Apr-2023 07:16:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) Lab Sample ID: 460-278409-7

Matrix: Solid (TCLP) Lab File ID: 4F0011765.D

Analysis Method: 8081B Date Collected: 04/17/2023 11:00

Extraction Method: 3510C Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) Date Analyzed: 04/21/2023 06:40

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	73		15-121
877-09-8	Tetrachloro-m-xylene	71		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D
Lims ID: 460-278409-M-7-E
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 06:40:25 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-016
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:16:47 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:16:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.622	1.622	0.000	30145106	100.0	
2	1.496	1.497	-0.001	64122387	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.153	2.150	0.003	27006082	78.8	
2	1.850	1.848	0.002	50477739	70.7	
					RPD = 10.78	
$ 24 DCB Decachlorobiphenyl						
1	8.337	8.336	0.001	33547847	78.7	
2	7.267	7.263	0.004	59570547	73.4	
					RPD = 7.01	

Reagents:

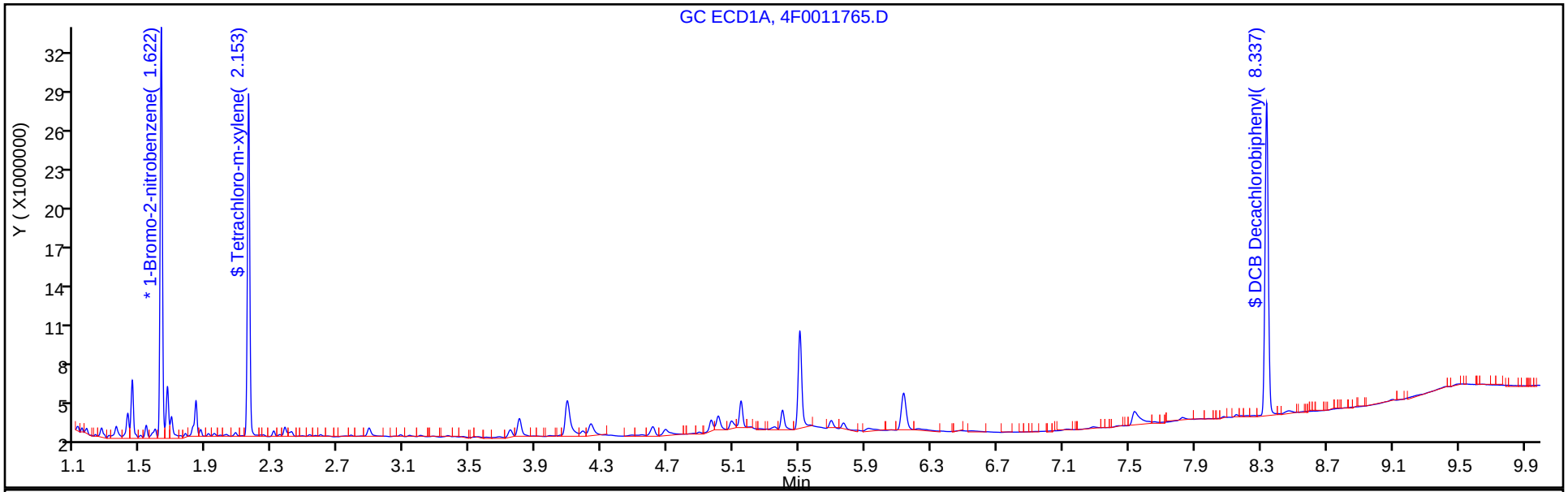
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

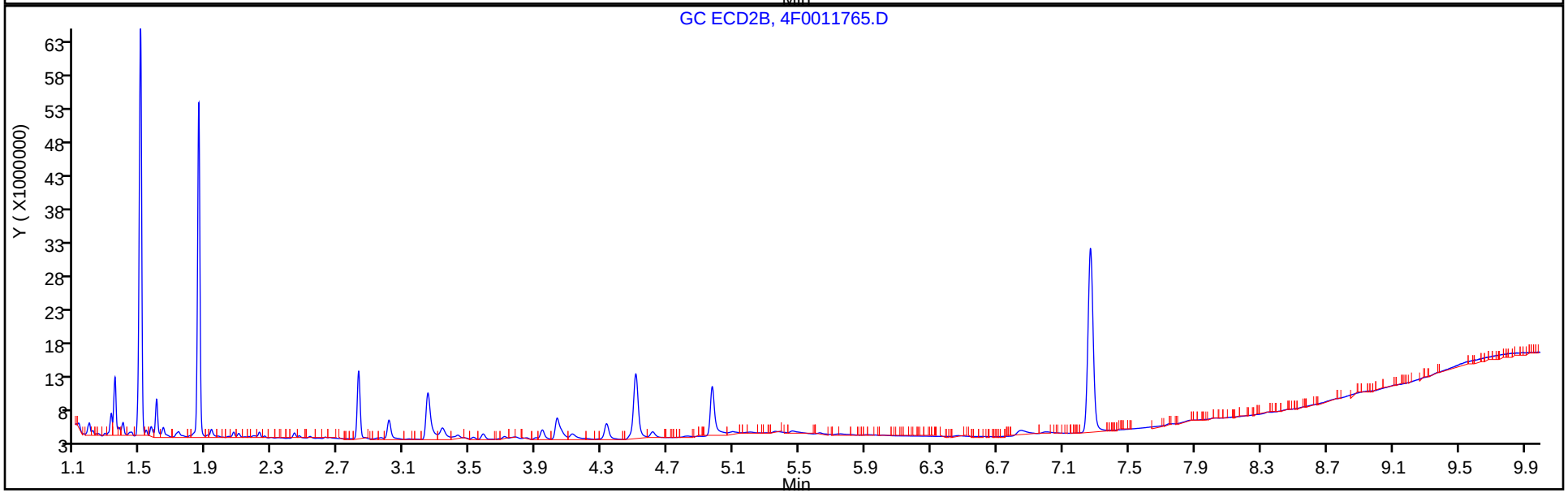
Report Date: 21-Apr-2023 07:16:53 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D

Injection Date:	21-Apr-2023 06:40:25	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-7-E	Lab Sample ID:	460-278409-7	Worklist Smp#:	16
Client ID:	WC-A-E-2(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

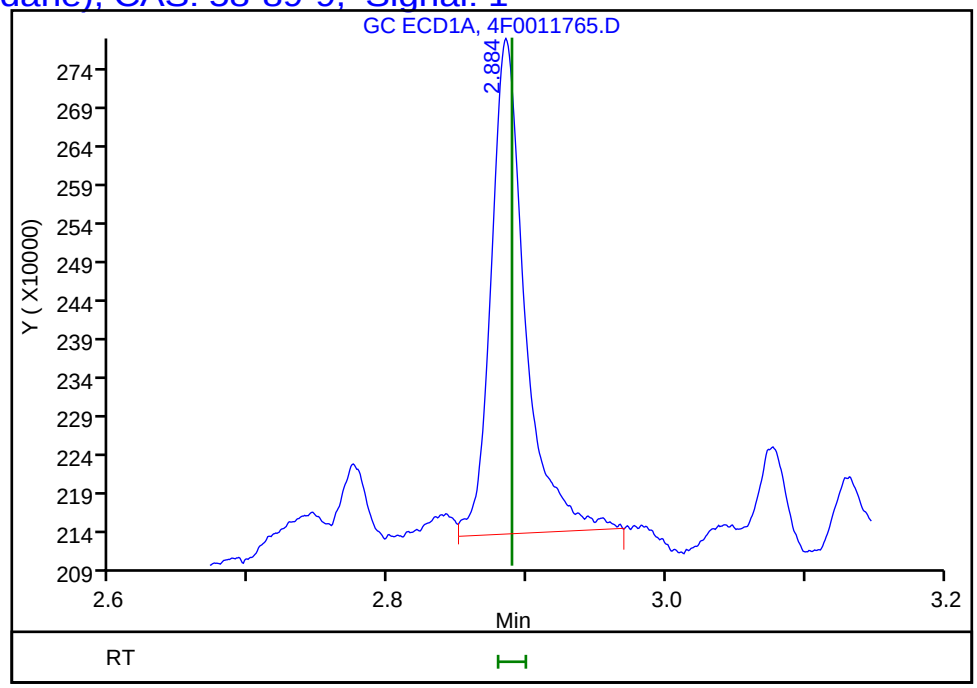
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D

Injection Date:	21-Apr-2023 06:40:25	Instrument ID:	CPESTGC4
Lims ID:	460-278409-M-7-E	Lab Sample ID:	460-278409-7
Client ID:	WC-A-E-2(0-3)		
Operator ID:		ALS Bottle#:	16 Worklist Smp#: 16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD
Column:		Detector	GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

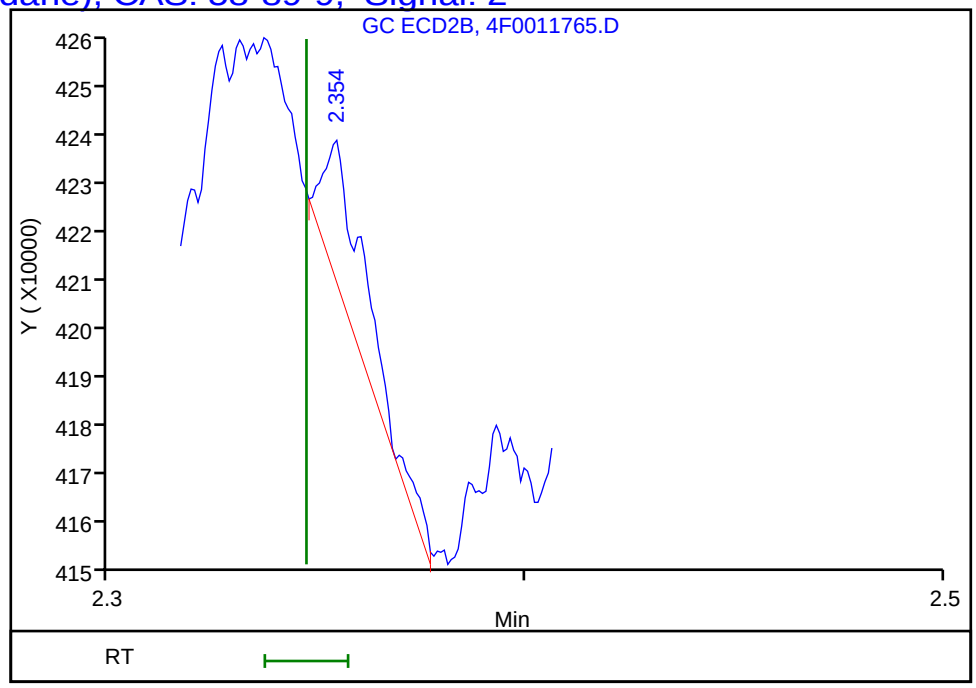
RT: 2.88
Response: 1088476
Amount: 2.401747



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.35
Response: 20224
Amount: 0.022782



Reviewer: ESS0, 21-Apr-2023 07:16:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

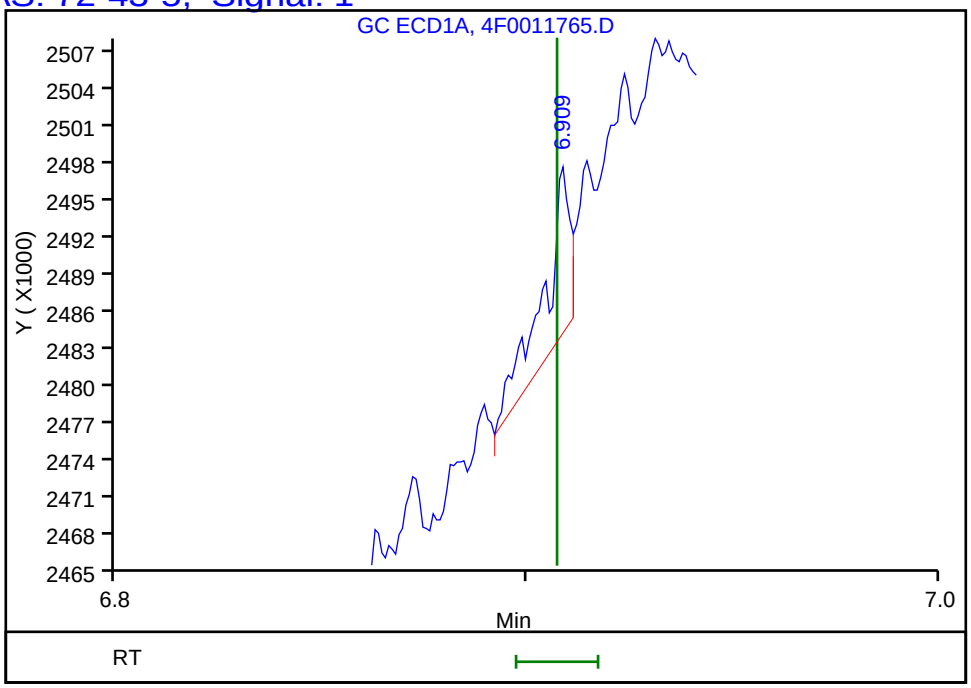
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011765.D
Injection Date: 21-Apr-2023 06:40:25 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-7-E Lab Sample ID: 460-278409-7
Client ID: WC-A-E-2(0-3)
Operator ID: ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

RT: 6.91
Response: 5675
Amount: 0.031642



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29
Response: 26319
Amount: 0.088283

Reviewer: ESS0, 21-Apr-2023 07:16:47
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid (TCLP) | Lab File ID: 4F0011766.D

Analysis Method: 8081B | Date Collected: 04/17/2023 12:10

Extraction Method: 3510C | Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 04/21/2023 06:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.000055	U	0.0050	0.000055
72-20-8	Endrin	0.0000040	U	0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012
76-44-8	Heptachlor	0.0000030	U	0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.0000050	U	0.00050	0.0000050
72-43-5	Methoxychlor	0.0000040	U	0.00050	0.0000040
8001-35-2	Toxaphene	0.00011	U	0.0050	0.00011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	80		15-121
877-09-8	Tetrachloro-m-xylene	76		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011766.D
Lims ID: 460-278409-M-13-E
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 06:56:17 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-017
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:35:07 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:38:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.624	1.622	0.002	30146227	100.0	
2	1.498	1.497	0.001	62039650	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.153	2.150	0.003	26001543	75.8	
2	1.851	1.848	0.003	49238142	71.3	
					RPD = 6.18	
$ 24 DCB Decachlorobiphenyl						
1	8.338	8.336	0.002	34301226	80.5	
2	7.268	7.263	0.005	59819561	76.2	
					RPD = 5.51	

QC Flag Legend
Processing Flags

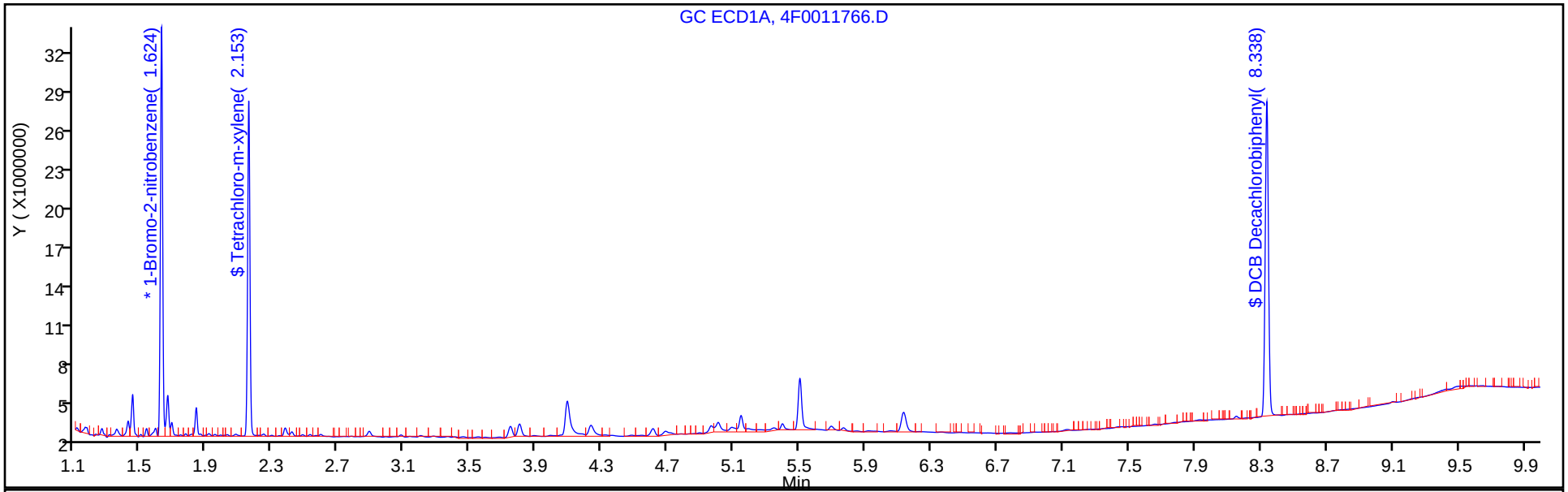
Reagents:
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

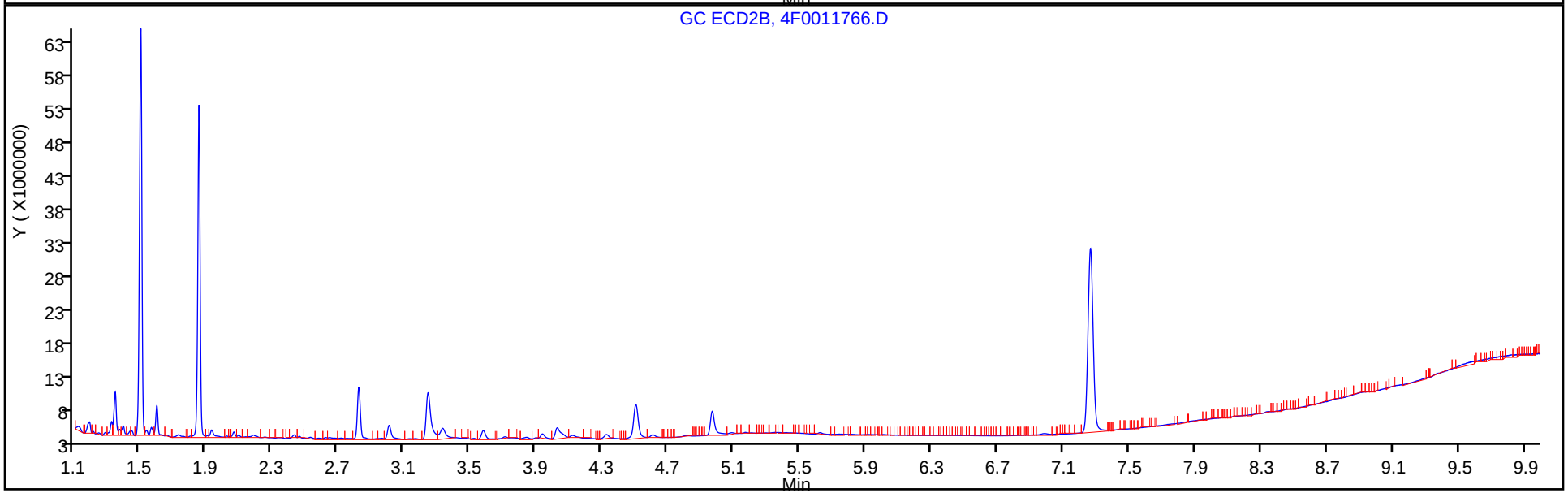
Report Date: 21-Apr-2023 07:38:15 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011766.D

Injection Date:	21-Apr-2023 06:56:17	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-13-E	Lab Sample ID:	460-278409-13	Worklist Smp#:	17
Client ID:	WC-A-E-3(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

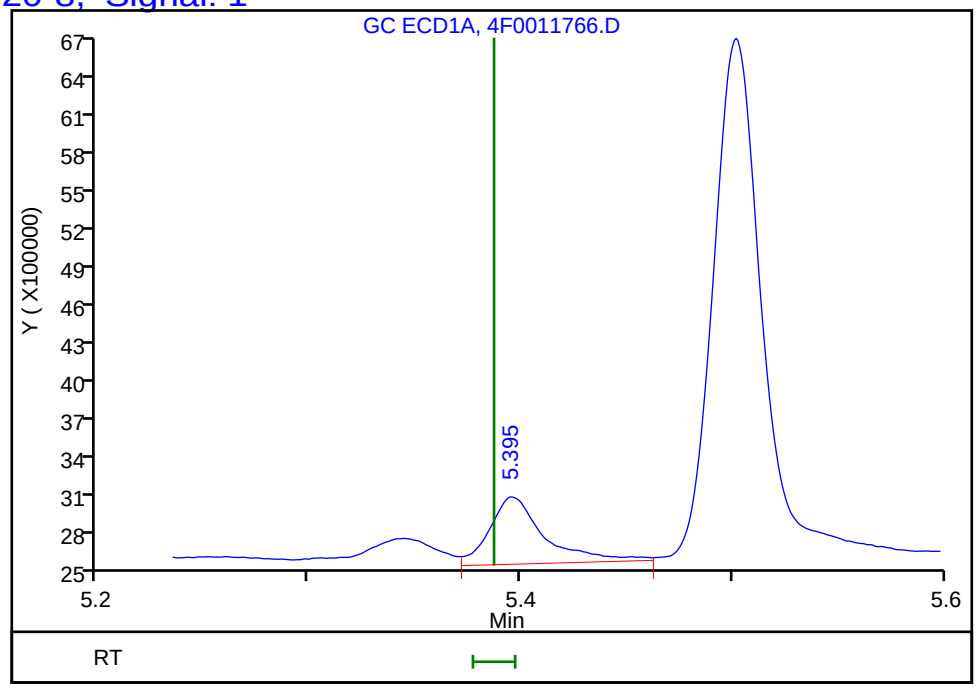
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011766.D
Injection Date: 21-Apr-2023 06:56:17 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-13-E Lab Sample ID: 460-278409-13
Client ID: WC-A-E-3(0-3)
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

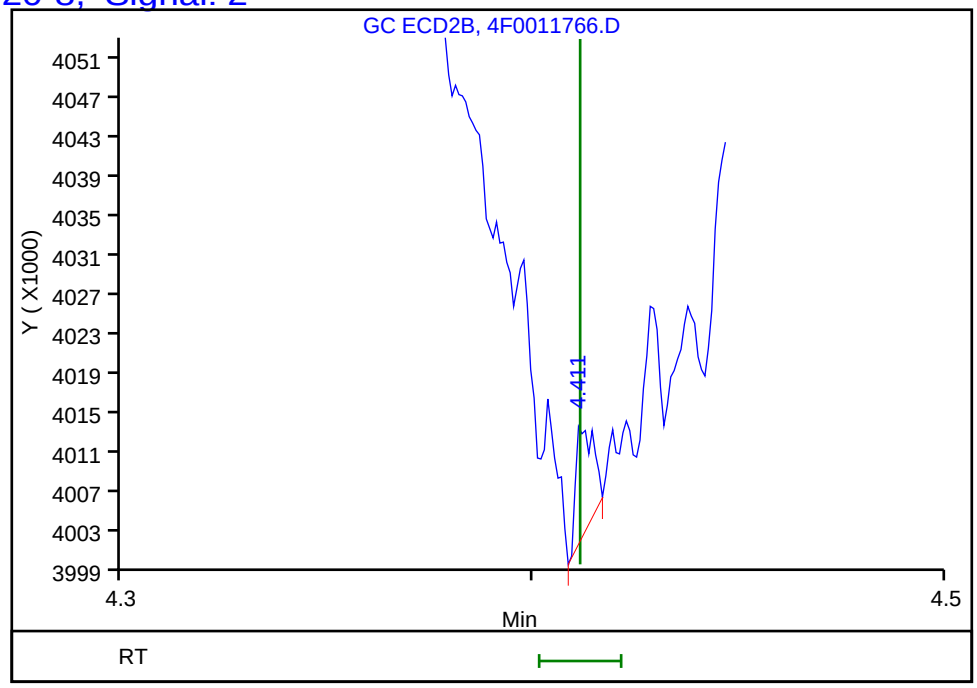
RT: 5.40
Response: 906521
Amount: 1.929693



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.41
Response: 3165
Amount: 0.004286



Reviewer: ESS0, 21-Apr-2023 07:16:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid (TCLP) | Lab File ID: 4F0011766.D

Analysis Method: 8081B | Date Collected: 04/17/2023 12:10

Extraction Method: 3510C | Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 04/21/2023 06:56

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		15-121
877-09-8	Tetrachloro-m-xylene	71		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011766.D
Lims ID: 460-278409-M-13-E
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 06:56:17 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-017
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:35:07 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:38:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.624	1.622	0.002	30146227	100.0	
2	1.498	1.497	0.001	62039650	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.153	2.150	0.003	26001543	75.8	
2	1.851	1.848	0.003	49238142	71.3	
					RPD = 6.18	
$ 24 DCB Decachlorobiphenyl						
1	8.338	8.336	0.002	34301226	80.5	
2	7.268	7.263	0.005	59819561	76.2	
					RPD = 5.51	

QC Flag Legend
Processing Flags

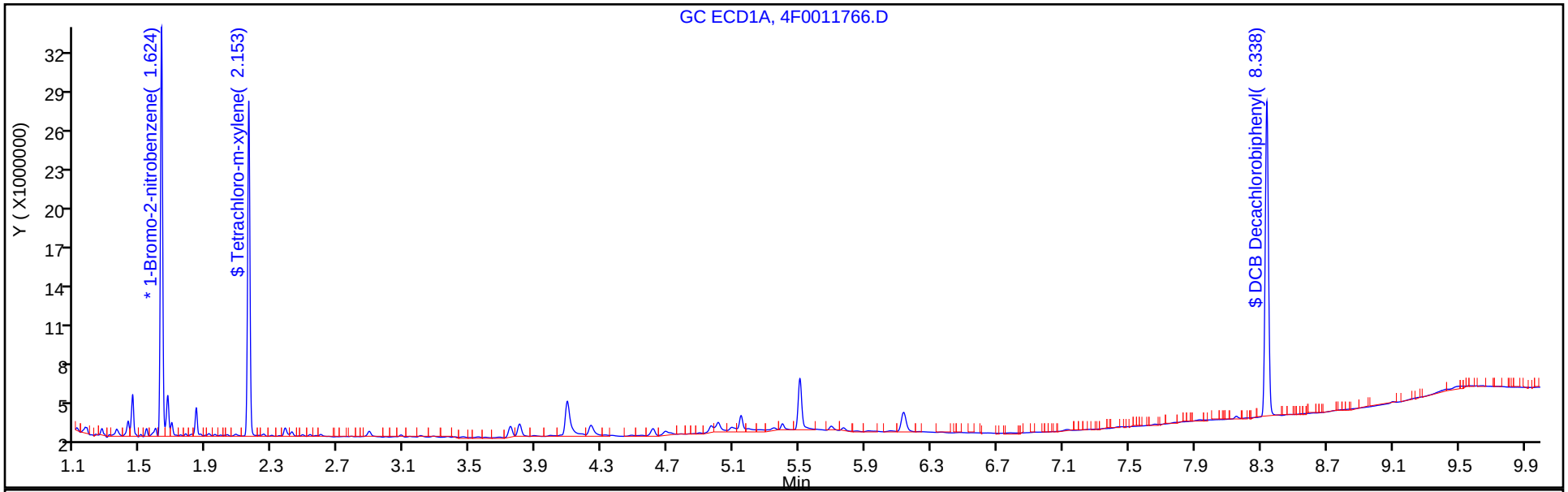
Reagents:
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

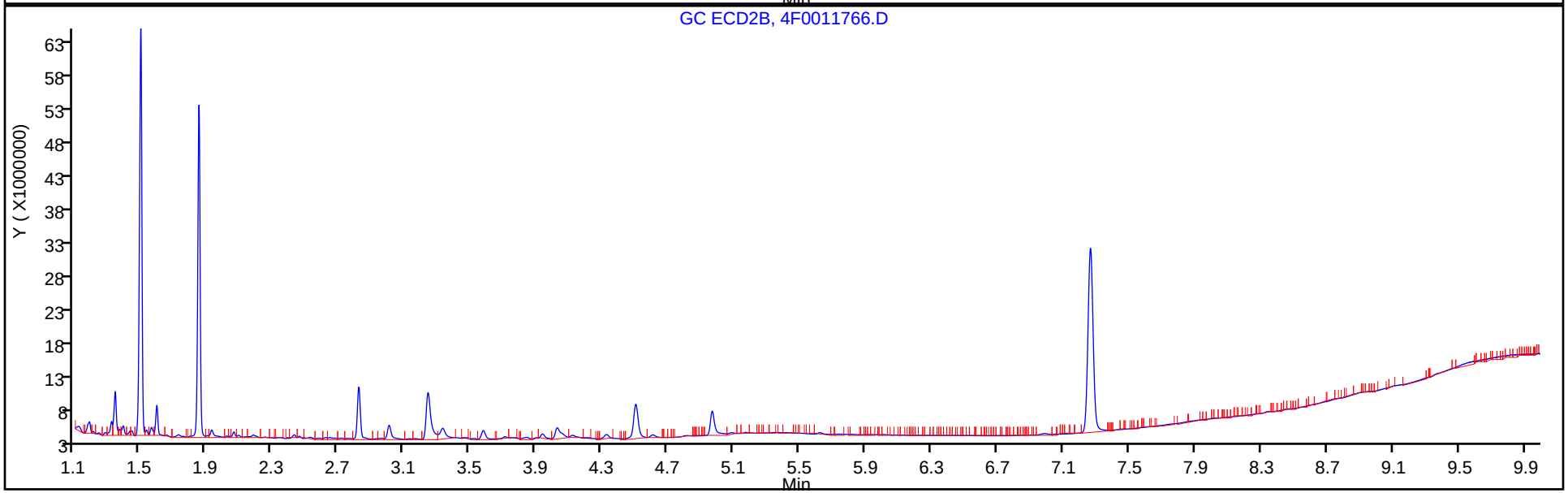
Report Date: 21-Apr-2023 07:38:15 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011766.D

Injection Date:	21-Apr-2023 06:56:17	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-13-E	Lab Sample ID:	460-278409-13	Worklist Smp#:	17
Client ID:	WC-A-E-3(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

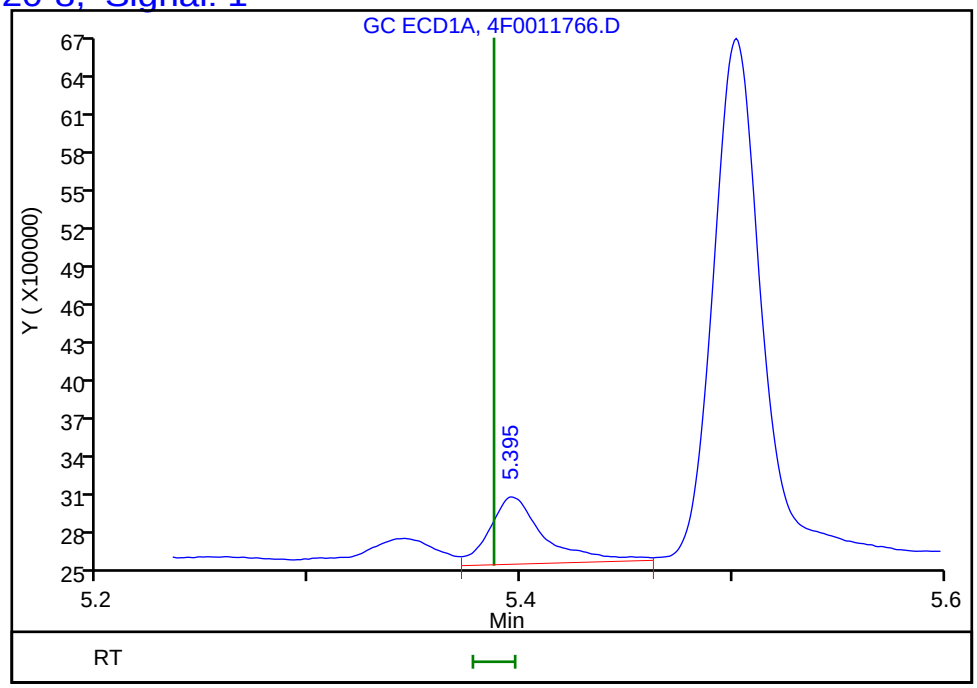
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011766.D
Injection Date: 21-Apr-2023 06:56:17 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-13-E Lab Sample ID: 460-278409-13
Client ID: WC-A-E-3(0-3)
Operator ID: ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

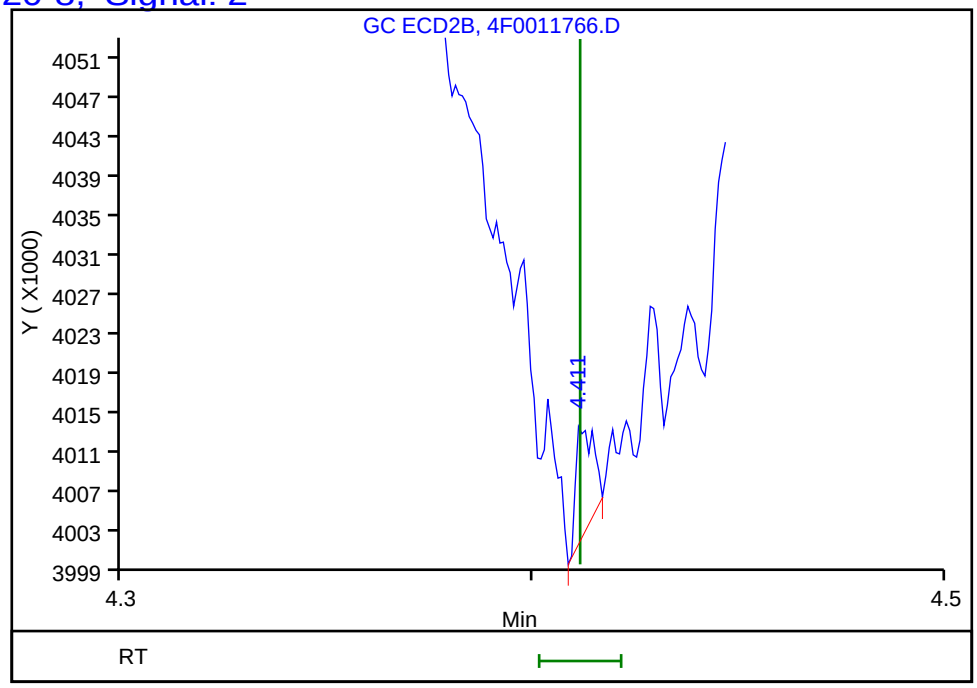
RT: 5.40
Response: 906521
Amount: 1.929693



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.41
Response: 3165
Amount: 0.004286



Reviewer: ESS0, 21-Apr-2023 07:16:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) | Lab Sample ID: 460-278409-19

Matrix: Solid (TCLP) | Lab File ID: 4F0011767.D

Analysis Method: 8081B | Date Collected: 04/17/2023 10:20

Extraction Method: 3510C | Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 04/21/2023 07:12

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.000055	U	0.0050	0.000055
72-20-8	Endrin	0.0000040	U	0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012
76-44-8	Heptachlor	0.0000030	U	0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.0000050	U	0.00050	0.0000050
72-43-5	Methoxychlor	0.0000040	U	0.00050	0.0000040
8001-35-2	Toxaphene	0.00011	U	0.0050	0.00011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		15-121
877-09-8	Tetrachloro-m-xylene	80		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D
Lims ID: 460-278409-M-19-E
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 07:12:11 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-018
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:47:21 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:48:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.624	1.622	0.002	27929426	100.0	
2	1.498	1.497	0.001	53150439	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.154	2.150	0.004	25303422	79.7	
2	1.852	1.848	0.004	45939430	77.6	
					RPD = 2.57	
$ 24 DCB Decachlorobiphenyl						
1	8.337	8.336	0.001	31917103	80.8	
2	7.267	7.263	0.004	56513134	84.0	
					RPD = 3.83	

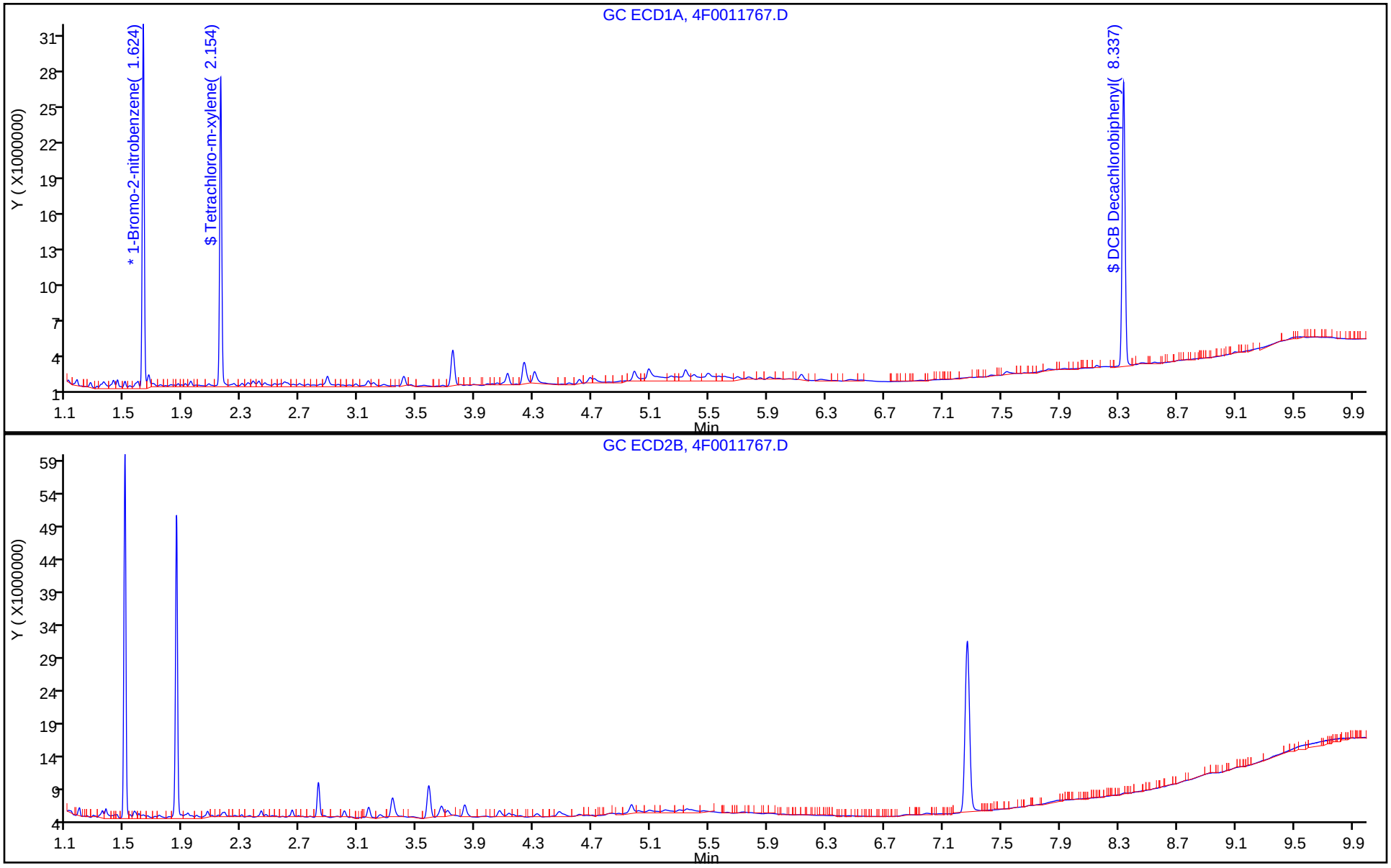
QC Flag Legend
Processing Flags

Reagents:
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 07:48:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D				
Injection Date:	21-Apr-2023 07:12:11	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-19-E	Lab Sample ID:	460-278409-19	Worklist Smp#:	18
Client ID:	WC-A-E-4(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

User Disabled Compound Report

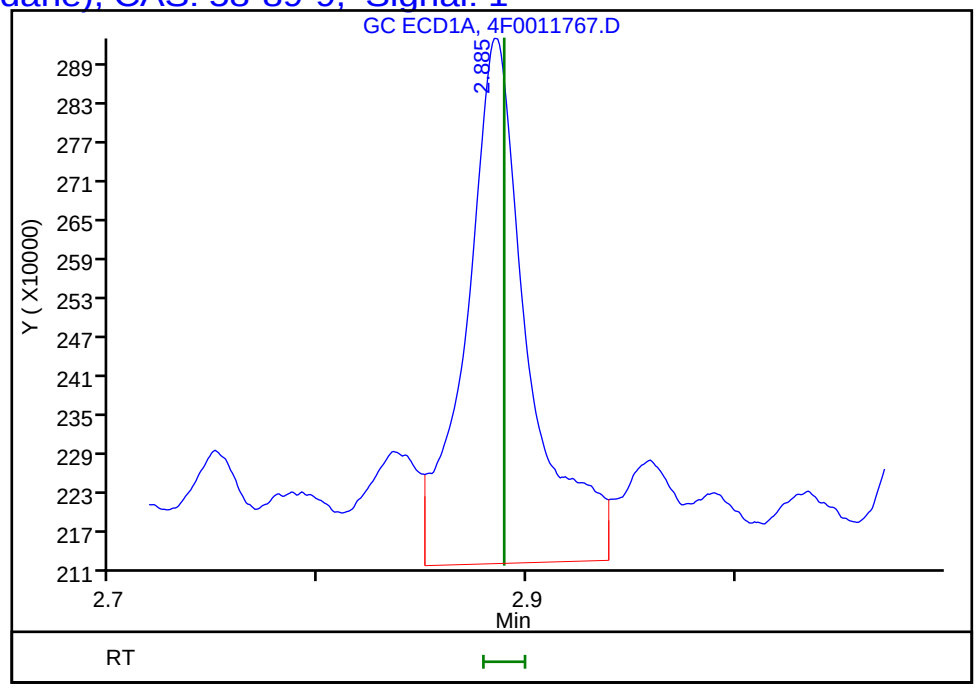
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D
Injection Date: 21-Apr-2023 07:12:11 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-19-E Lab Sample ID: 460-278409-19
Client ID: WC-A-E-4(0-3)
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

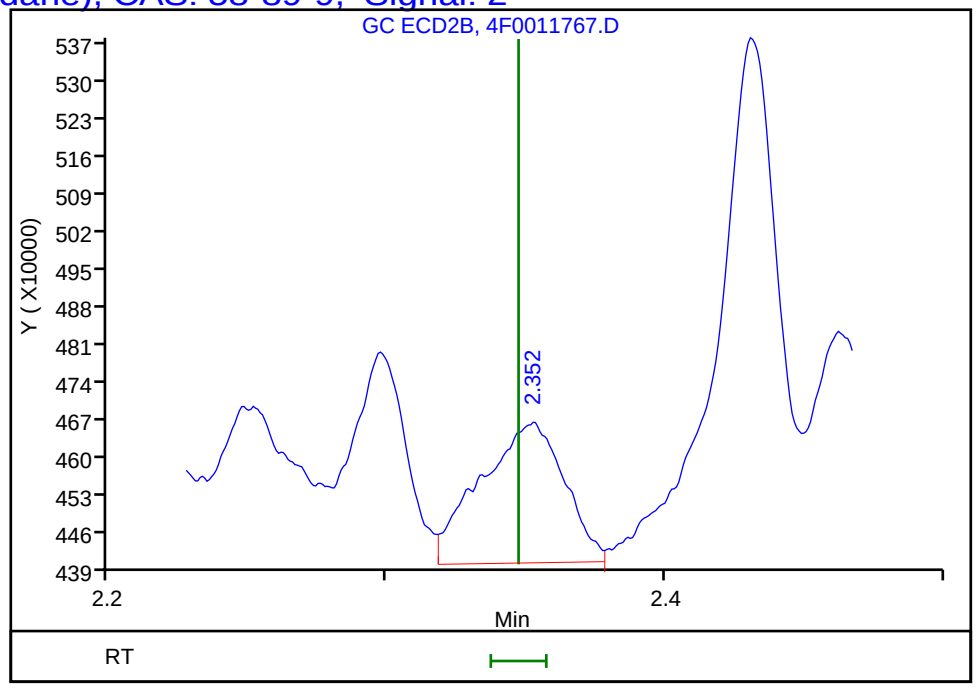
RT: 2.88
Response: 1661268
Amount: 3.956424



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.35
Response: 547780
Amount: 0.744435



Reviewer: ESS0, 21-Apr-2023 07:35:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

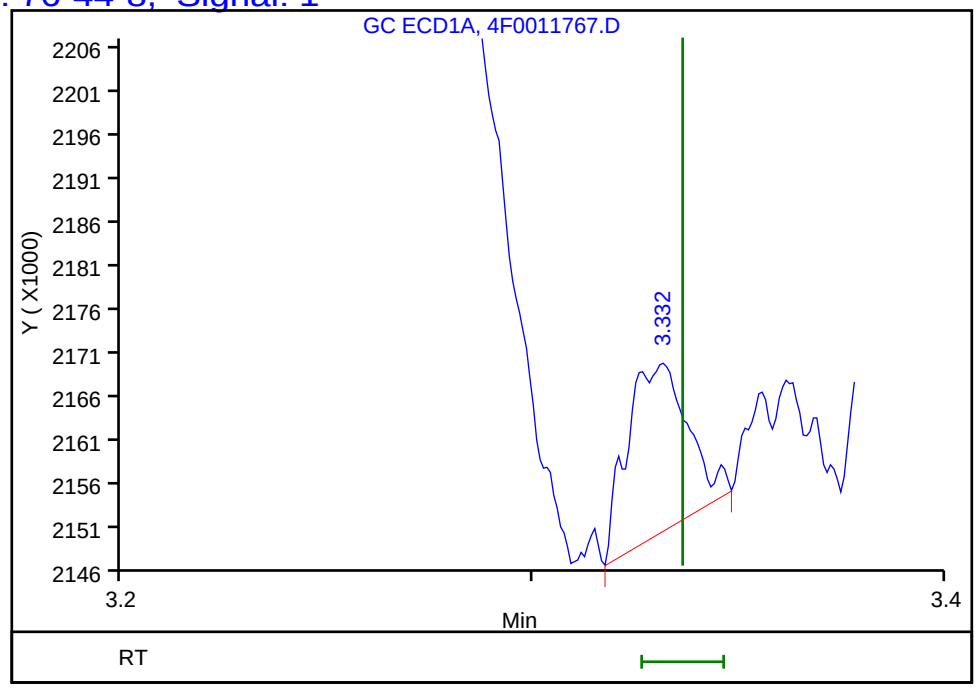
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D
Injection Date: 21-Apr-2023 07:12:11 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-19-E Lab Sample ID: 460-278409-19
Client ID: WC-A-E-4(0-3)
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

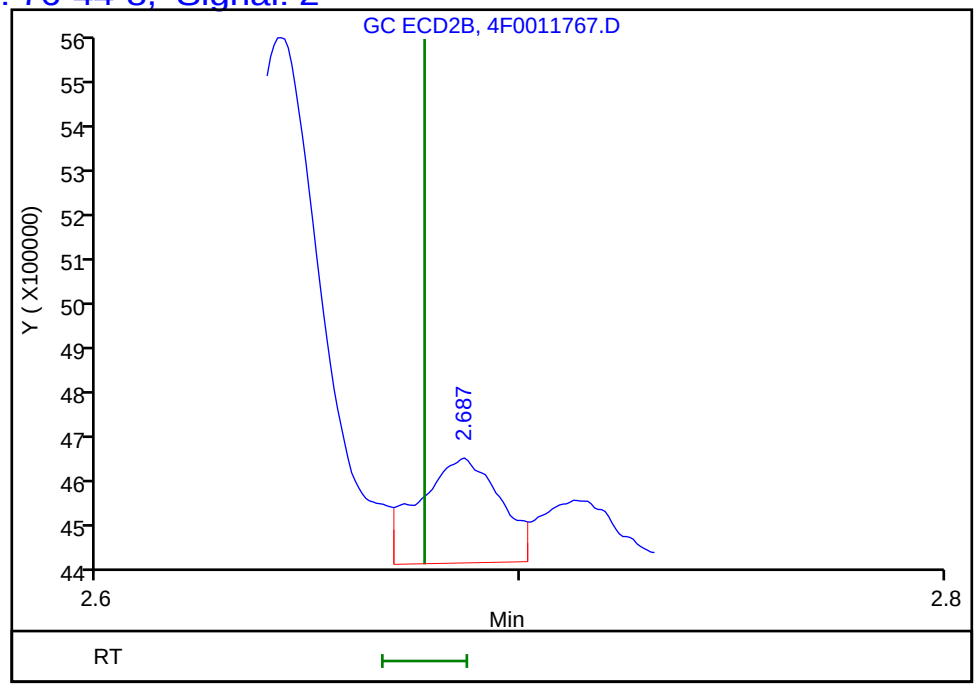
RT: 3.33
Response: 19896
Amount: 0.045150



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69
Response: 284489
Amount: 0.419360



Reviewer: ESS0, 21-Apr-2023 07:35:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) Lab Sample ID: 460-278409-19

Matrix: Solid (TCLP) Lab File ID: 4F0011767.D

Analysis Method: 8081B Date Collected: 04/17/2023 10:20

Extraction Method: 3510C Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) Date Analyzed: 04/21/2023 07:12

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	84		15-121
877-09-8	Tetrachloro-m-xylene	78		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D
Lims ID: 460-278409-M-19-E
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 07:12:11 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-018
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 07:47:21 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 07:48:02

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene						
1	1.624	1.622	0.002	27929426	100.0	
2	1.498	1.497	0.001	53150439	100.0	
					RPD = 0.00	
$ 4 Tetrachloro-m-xylene						
1	2.154	2.150	0.004	25303422	79.7	
2	1.852	1.848	0.004	45939430	77.6	
					RPD = 2.57	
$ 24 DCB Decachlorobiphenyl						
1	8.337	8.336	0.001	31917103	80.8	
2	7.267	7.263	0.004	56513134	84.0	
					RPD = 3.83	

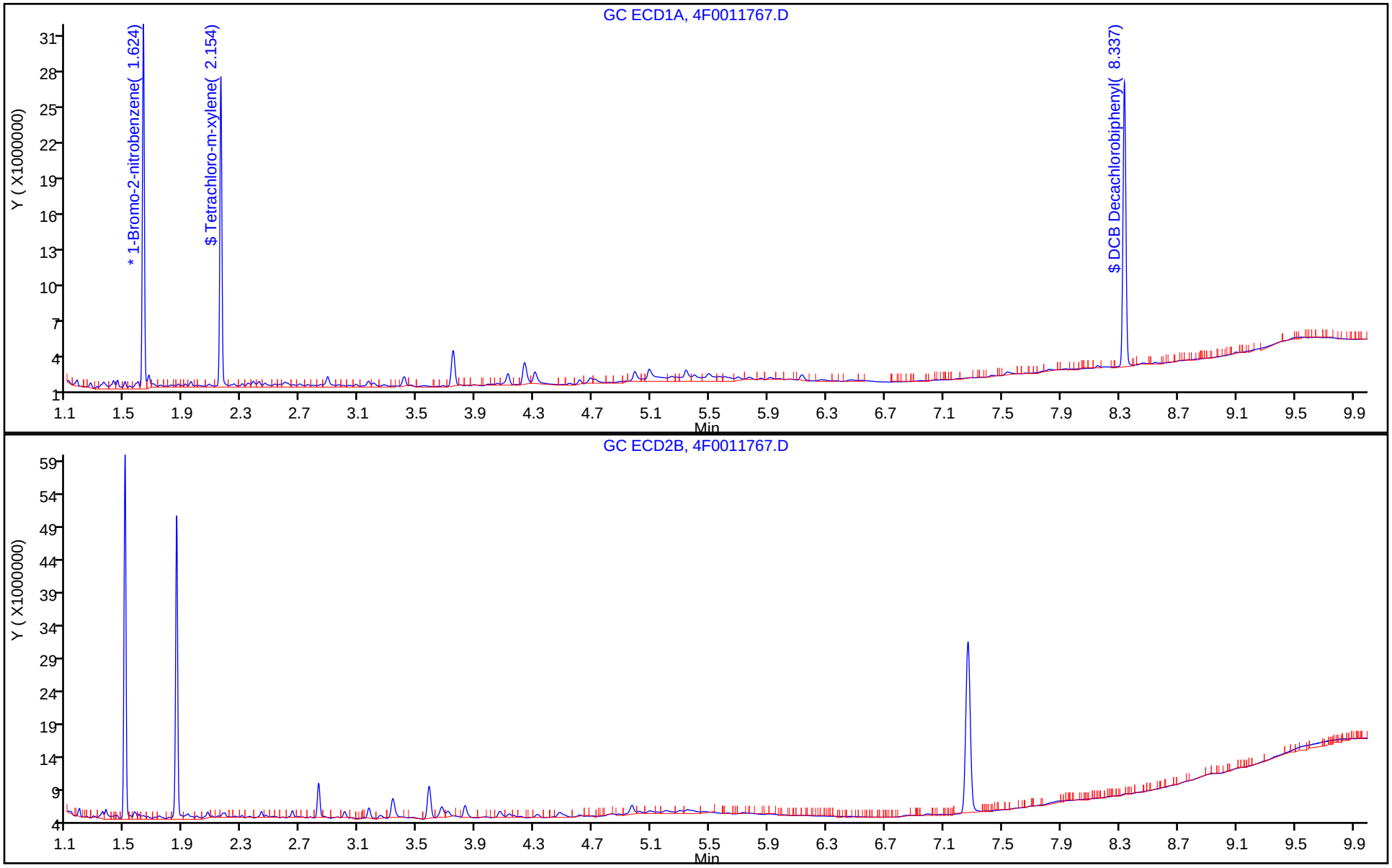
QC Flag Legend
Processing Flags

Reagents:
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 07:48:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File:	\\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D				
Injection Date:	21-Apr-2023 07:12:11	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	460-278409-M-19-E	Lab Sample ID:	460-278409-19	Worklist Smp#:	18
Client ID:	WC-A-E-4(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

User Disabled Compound Report

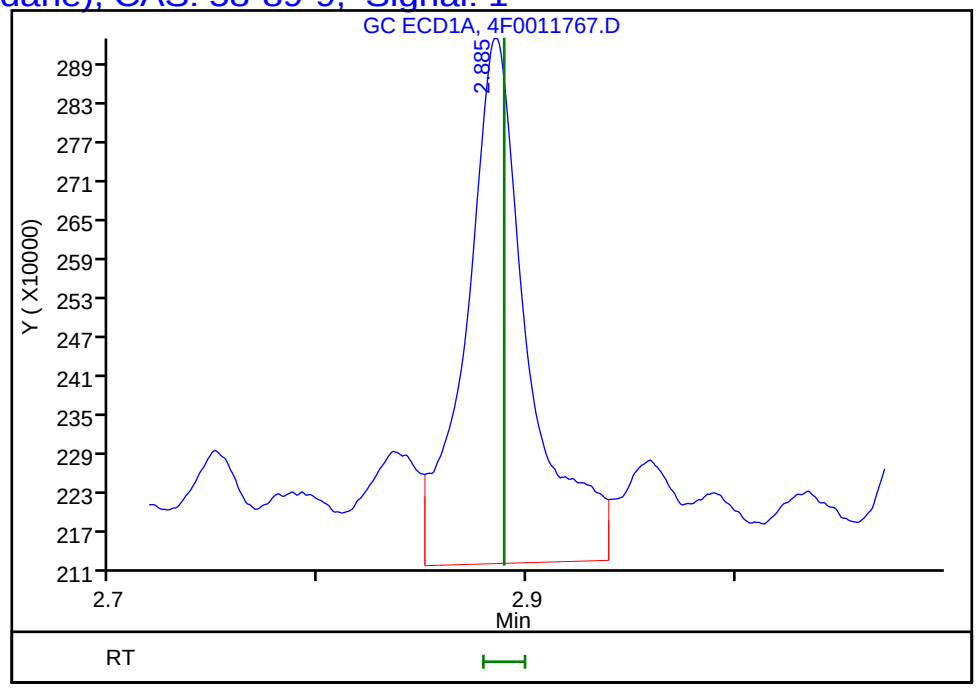
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D

Injection Date:	21-Apr-2023 07:12:11	Instrument ID:	CPESTGC4
Lims ID:	460-278409-M-19-E	Lab Sample ID:	460-278409-19
Client ID:	WC-A-E-4(0-3)		
Operator ID:		ALS Bottle#:	18 Worklist Smp#: 18
Injection Vol:	1.0 ul	Dil. Factor:	1.0000
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD
Column:		Detector	GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

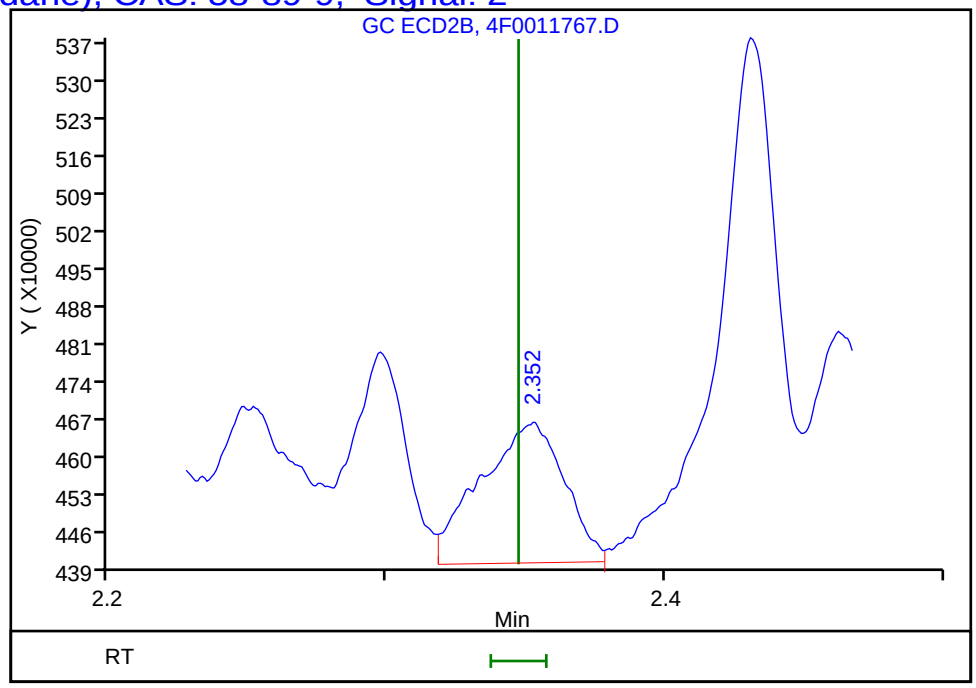
RT: 2.88
Response: 1661268
Amount: 3.956424



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.35
Response: 547780
Amount: 0.744435



Reviewer: ESS0, 21-Apr-2023 07:35:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

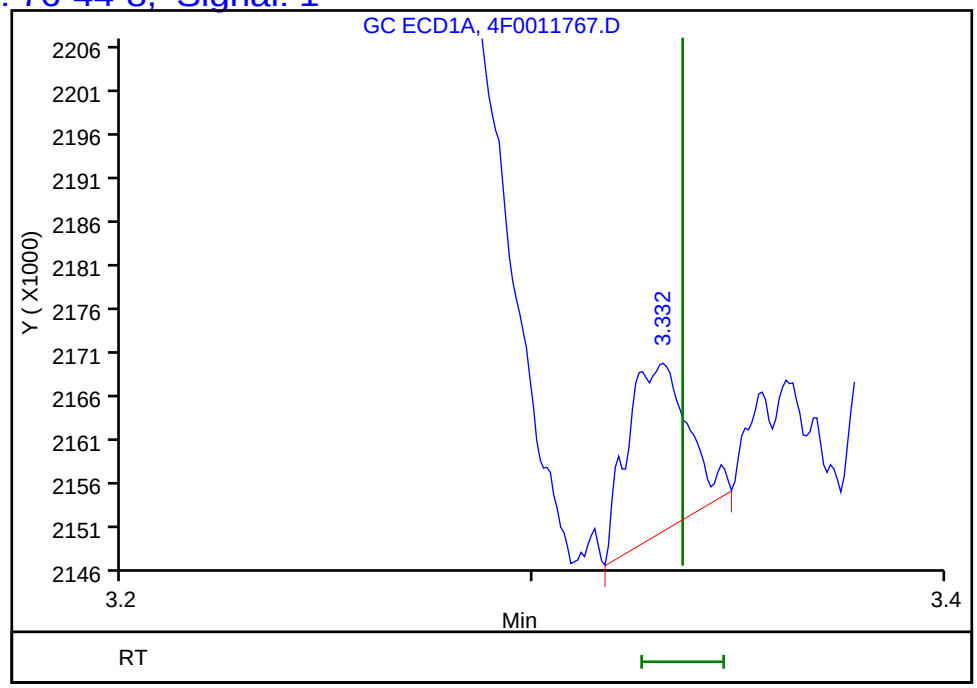
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011767.D
Injection Date: 21-Apr-2023 07:12:11 Instrument ID: CPESTGC4
Lims ID: 460-278409-M-19-E Lab Sample ID: 460-278409-19
Client ID: WC-A-E-4(0-3)
Operator ID: ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

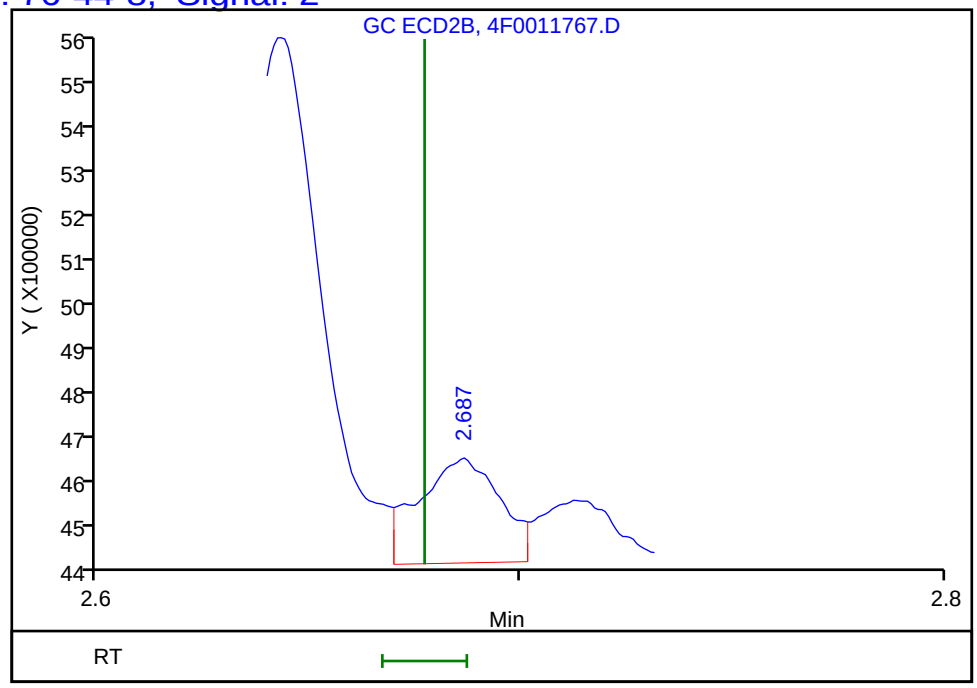
RT: 3.33
Response: 19896
Amount: 0.045150



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.69
Response: 284489
Amount: 0.419360



Reviewer: ESS0, 21-Apr-2023 07:35:07
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 09:25 Calibration End Date: 01/18/2023 10:28 Calibration ID: 92168

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/4	4F0009504.D
Level 2	IC 460-888675/5	4F0009505.D
Level 3	ICIS 460-888675/3	4F0009503.D
Level 4	IC 460-888675/6	4F0009506.D
Level 5	IC 460-888675/7	4F0009507.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.5869	1.6866	1.5576	1.7847	1.7084	Ave		1.6648				5.6		20.0			
gamma-BHC (Lindane)	1.4254	1.5462	1.4138	1.6020	1.5297	Ave		1.5034				5.4		20.0			
beta-BHC	0.7646	0.7218	0.6335	0.6759	0.6337	Ave		0.6859				8.3		20.0			
delta-BHC	1.4301	1.5182	1.4087	1.5987	1.5443	Ave		1.5000				5.3		20.0			
Heptachlor	1.6461	1.5871	1.4544	1.6300	1.5714	Ave		1.5778				4.8		20.0			
Aldrin	1.6750	1.6396	1.5083	1.7320	1.6589	Ave		1.6427				5.0		20.0			
Heptachlor epoxide	1.5766	1.4536	1.3249	1.4908	1.4202	Ave		1.4532				6.4		20.0			
trans-Chlordane	1.5022	1.4845	1.3348	1.5206	1.4493	Ave		1.4583				5.1		20.0			
cis-Chlordane	1.5717	1.4812	1.3029	1.4747	1.4004	Ave		1.4462				7.0		20.0			
Endosulfan I	1.4833	1.4578	1.2616	1.4315	1.3572	Ave		1.3983				6.4		20.0			
4,4'-DDE	1.5363	1.6202	1.3482	1.5368	1.4754	Ave		1.5034				6.7		20.0			
Dieldrin	1.6131	1.7445	1.4631	1.6552	1.5742	Ave		1.6100				6.4		20.0			
Endrin	1.7970	1.6225	1.3621	1.5448	1.4652	Ave		1.5583				10.6		20.0			
4,4'-DDD	1.4385	1.3726	1.1684	1.3291	1.2736	Ave		1.3164				7.8		20.0			
Endosulfan II	1.6558	1.6720	1.3400	1.4753	1.3752	Ave		1.5037				10.3		20.0			
4,4'-DDT	0.9416	1.2155	1.1057	1.3064	1.2846	Ave		1.1707				12.8		20.0			
Endrin aldehyde	1.1303	1.1113	0.9514	1.0482	0.9928	Ave		1.0468				7.3		20.0			
Endosulfan sulfate	1.5133	1.3816	1.2445	1.3864	1.3066	Ave		1.3665				7.4		20.0			
Methoxychlor	0.4889	0.6023	0.5730	0.6540	0.6566	Ave		0.5949				11.6		20.0			
Mirex	1.3500	1.2390	1.1139	1.1831	1.1149	Ave		1.2002				8.2		20.0			
Endrin ketone	1.5871	1.5937	1.4549	1.6137	1.5466	Ave		1.5592				4.1		20.0			
Tetrachloro-m-xylene	1.1686	1.1238	1.0661	1.2135	1.1147	Ave		1.1373				4.9		20.0			
DCB Decachlorobiphenyl	1.6540	1.3955	1.2732	1.4325	1.3123	Ave		1.4135				10.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 09:25 Calibration End Date: 01/18/2023 10:28 Calibration ID: 92168

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/4	4F0009504.D
Level 2	IC 460-888675/5	4F0009505.D
Level 3	ICIS 460-888675/3	4F0009503.D
Level 4	IC 460-888675/6	4F0009506.D
Level 5	IC 460-888675/7	4F0009507.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	1023506	21220006	41015679	105944480	211667337	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	919307	19453424	37228904	95099457	189526637	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	493150	9081884	16681994	40121086	78517301	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	922383	19102082	37095466	94900976	191342198	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	1061688	19967953	38296847	96761674	194700600	2.50	50.0	100	250	500
Aldrin	BNB	Ave	1080304	20629006	39715875	102815449	205541281	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	1016872	18289204	34886697	88495113	175967136	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	968856	18677717	35149352	90263803	179574951	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	1013675	18635976	34308064	87538778	173507251	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	956681	18341548	33221946	84978751	168163247	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	990858	20385052	35502316	91229116	182809108	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	1040415	21948667	38527455	98257754	195048017	2.50	50.0	100	250	500
Endrin	BNB	Ave	1158974	20414490	35867197	91700889	181544896	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	927778	17269492	30767720	78899612	157801437	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	1067909	21036439	35285640	87578981	170387748	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	607310	15292554	29115841	77552344	159156863	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	729002	13982080	25051743	62221041	123005287	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	976018	17382640	32771120	82297776	161893737	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	315294	7578050	15087257	38822775	81357510	2.50	50.0	100	250	500
Mirex	BNB	Ave	870677	15588257	29332553	70231350	138131174	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	1023644	20051576	38309652	95791074	191629914	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	1884296	14138915	28073537	43220372	55242680	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	2666934	17557315	33525441	51020540	65035956	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009503.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Jan-2023 09:25:12 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PEST
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:22 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 18-Jan-2023 09:37:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	26332312	100.0	100.0	
2	1.506	1.506	0.000	48761352	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.172	2.172	0.000	28073537	100.0	93.7	
2	1.864	1.864	0.000	50823095	100.0	93.6	M
						RPD = 0.12	
15 alpha-BHC							
1	2.619	2.619	0.000	41015679	100.0	93.6	
2	2.173	2.173	0.000	69945092	100.0	95.5	
						RPD = 2.03	
2 gamma-BHC (Lindane)							
1	2.925	2.925	0.000	37228904	100.0	94.0	
2	2.371	2.371	0.000	64407430	100.0	95.4	
						RPD = 1.44	
6 beta-BHC							
1	2.985	2.985	0.000	16681994	100.0	92.4	
2	2.420	2.420	0.000	28659356	100.0	95.2	
						RPD = 3.01	
32 delta-BHC							
1	3.288	3.288	0.000	37095466	100.0	93.9	
2	2.548	2.548	0.000	65103604	100.0	95.8	
						RPD = 1.97	
18 Heptachlor							
1	3.381	3.381	0.000	38296847	100.0	92.2	
2	2.706	2.706	0.000	59116089	100.0	95.0	
						RPD = 3.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.765	3.765	0.000	39715875	100.0	91.8	
2	2.949	2.949	0.000	64591323	100.0	96.2	
						RPD = 4.66	
12 Heptachlor epoxide							a
1	4.418	4.418	0.000	34886697	100.0	91.2	a
2	3.519	3.519	0.000	58105149	100.0	95.0	a
						RPD = 4.15	
9 trans-Chlordane							Ma
1	4.655	4.655	0.000	35149352	100.0	91.5	M
2	3.653	3.653	0.000	58288521	100.0	96.6	a
						RPD = 5.41	
23 cis-Chlordane							Ma
1	4.820	4.820	0.000	34308064	100.0	90.1	a
2	3.798	3.798	0.000	56922337	100.0	95.5	M
						RPD = 5.87	
7 Endosulfan I							M
1	4.884	4.884	0.000	33221946	100.0	90.2	
2	3.947	3.947	0.000	56981767	100.0	98.5	M
						RPD = 8.74	
25 4,4'-DDE							M
1	4.986	4.986	0.000	35502316	100.0	89.7	
2	3.878	3.878	0.000	58043642	100.0	99.5	M
						RPD = 10.42	
30 Dieldrin							a
1	5.150	5.150	0.000	38527455	100.0	90.9	a
2	4.199	4.199	0.000	61706318	100.0	96.6	a
						RPD = 6.10	
20 Endrin							
1	5.429	5.429	0.000	35867197	100.0	87.4	
2	4.462	4.462	0.000	55909457	100.0	96.3	
						RPD = 9.72	
16 4,4'-DDD							a
1	5.540	5.540	0.000	30767720	100.0	88.8	a
2	4.547	4.547	0.000	46279270	100.0	99.3	a
						RPD = 11.19	
11 Endosulfan II							a
1	5.637	5.637	0.000	35285640	100.0	89.1	a
2	4.721	4.721	0.000	51648724	100.0	95.9	a
						RPD = 7.33	
21 4,4'-DDT							
1	5.893	5.893	0.000	29115841	100.0	94.4	
2	4.857	4.857	0.000	44162681	100.0	97.9	
						RPD = 3.61	
5 Endrin aldehyde							M
1	6.031	6.031	0.000	25051743	100.0	90.9	
2	5.129	5.129	0.000	41581729	100.0	98.1	M
						RPD = 7.65	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.419	6.419	0.000	32771120	100.0	91.1	
2	5.517	5.517	0.000	54585263	100.0	98.4	
						RPD = 7.73	
10 Methoxychlor							
1	6.976	6.976	0.000	15087257	100.0	96.3	
2	5.324	5.324	0.000	23070018	100.0	101.8	
						RPD = 5.51	
34 Mirex							
1	7.164	7.164	0.000	29332553	100.0	92.8	
2	5.404	5.404	0.000	43701471	100.0	97.1	
						RPD = 4.55	
13 Endrin ketone							
1	7.243	7.243	0.000	38309652	100.0	93.3	
2	5.793	5.793	0.000	61309574	100.0	96.8	
						RPD = 3.70	
$ 24 DCB Decachlorobiphenyl							
1	8.367	8.367	0.000	33525441	100.0	90.1	
2	7.309	7.309	0.000	59584203	100.0	96.5	
						RPD = 6.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:23 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009503.D

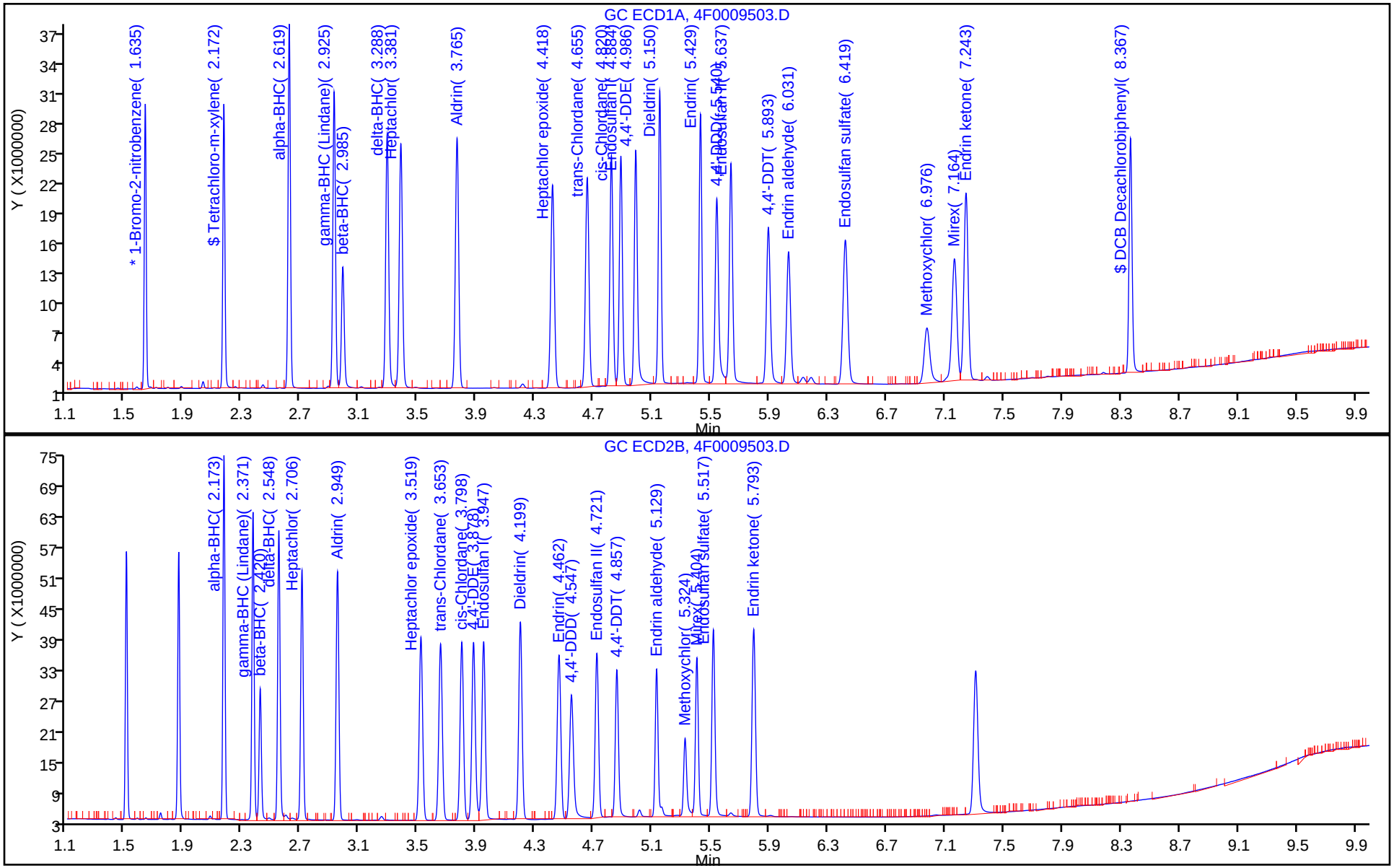
Injection Date: 18-Jan-2023 09:25:12 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009504.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Jan-2023 09:41:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:57:40 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 23-Jan-2023 04:57:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.636	-0.001	25798673	100.0	100.0	
2	1.507	1.508	-0.001	49085408	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.172	2.172	0.000	1884296	6.25	6.42	
2	1.864	1.864	0.000	3717427	6.25	6.80	
						RPD = 5.76	
15 alpha-BHC							
1	2.619	2.619	0.000	1023506	2.50	2.38	
2	2.172	2.173	-0.001	1872017	2.50	2.54	
						RPD = 6.32	
2 gamma-BHC (Lindane)							
1	2.925	2.925	0.000	919307	2.50	2.37	
2	2.371	2.371	0.000	1740420	2.50	2.56	
						RPD = 7.74	
6 beta-BHC							
1	2.985	2.985	0.000	493150	2.50	2.79	
2	2.419	2.420	-0.001	806025	2.50	2.66	
						RPD = 4.68	
32 delta-BHC							
1	3.288	3.288	0.000	922383	2.50	2.38	
2	2.547	2.548	-0.001	1716273	2.50	2.51	
						RPD = 5.11	
18 Heptachlor							
1	3.382	3.381	0.001	1061688	2.50	2.61	
2	2.705	2.706	-0.001	1654021	2.50	2.64	
						RPD = 1.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.765	3.765	0.000	1080304	2.50	2.55	
2	2.948	2.949	-0.001	1722609	2.50	2.55	
						RPD = 0.02	
12 Heptachlor epoxide							
1	4.418	4.418	0.000	1016872	2.50	2.71	
2	3.519	3.519	0.000	1696264	2.50	2.76	
						RPD = 1.60	
9 trans-Chlordane							
1	4.655	4.655	0.000	968856	2.50	2.58	
2	3.652	3.653	-0.001	1539950	2.50	2.54	
						RPD = 1.54	
23 cis-Chlordane							
1	4.820	4.820	0.000	1013675	2.50	2.72	
2	3.799	3.798	0.001	1623897	2.50	2.71	
						RPD = 0.34	
7 Endosulfan I							
1	4.886	4.884	0.002	956681	2.50	2.65	
2	3.947	3.947	0.000	1441494	2.50	2.47	
						RPD = 6.92	
25 4,4'-DDE							
1	4.987	4.986	0.001	990858	2.50	2.55	
2	3.879	3.878	0.001	1322923	2.50	2.25	
						RPD = 12.53	
30 Dieldrin							
1	5.152	5.150	0.002	1040415	2.50	2.50	
2	4.198	4.199	-0.001	1609644	2.50	2.50	
						RPD = 0.07	
20 Endrin							
1	5.429	5.429	0.000	1158974	2.50	2.88	
2	4.462	4.462	0.000	1484992	2.50	2.54	
						RPD = 12.57	
16 4,4'-DDD							
1	5.541	5.540	0.001	927778	2.50	2.73	
2	4.550	4.547	0.003	1011870	2.50	2.16	
						RPD = 23.55	
11 Endosulfan II							
1	5.638	5.637	0.001	1067909	2.50	2.75	
2	4.721	4.721	0.000	1408432	2.50	2.60	
						RPD = 5.79	
21 4,4'-DDT							
1	5.894	5.893	0.001	607310	2.50	2.01	
2	4.857	4.857	0.000	970820	2.50	2.14	
						RPD = 6.15	
5 Endrin aldehyde							
1	6.032	6.031	0.001	729002	2.50	2.70	
2	5.130	5.129	0.001	1172365	2.50	2.75	
						RPD = 1.78	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.419	6.419	0.000	976018	2.50	2.77	
2	5.517	5.517	0.000	1358476	2.50	2.43	
						RPD = 12.91	
10 Methoxychlor							
1	6.979	6.976	0.003	315294	2.50	2.05	
2	5.325	5.324	0.001	432088	2.50	1.89	
						RPD = 8.15	
34 Mirex							
1	7.165	7.164	0.001	870677	2.50	2.81	
2	5.404	5.404	0.000	1222288	2.50	2.70	
						RPD = 4.10	
13 Endrin ketone							
1	7.244	7.243	0.001	1023644	2.50	2.54	
2	5.793	5.793	0.000	1644750	2.50	2.58	
						RPD = 1.39	
$ 24 DCB Decachlorobiphenyl							
1	8.369	8.367	0.002	2666934	6.25	7.31	
2	7.311	7.309	0.002	4034834	6.25	6.49	
						RPD = 11.86	

QC Flag Legend

Processing Flags

Reagents:

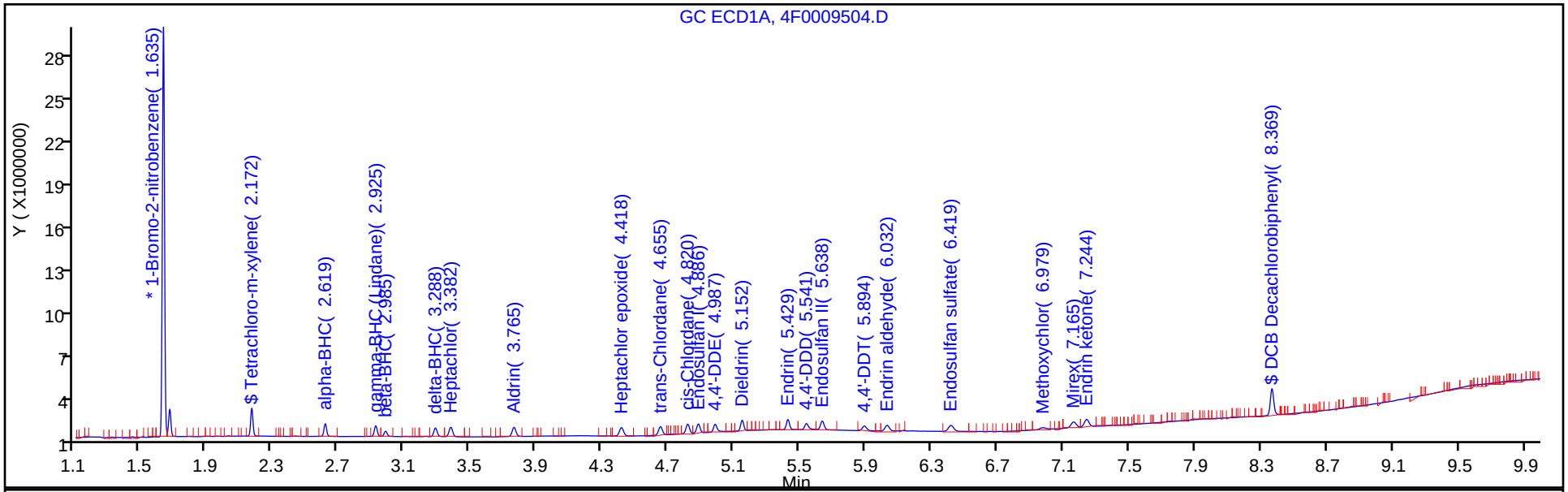
SGPESTL1_00034	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

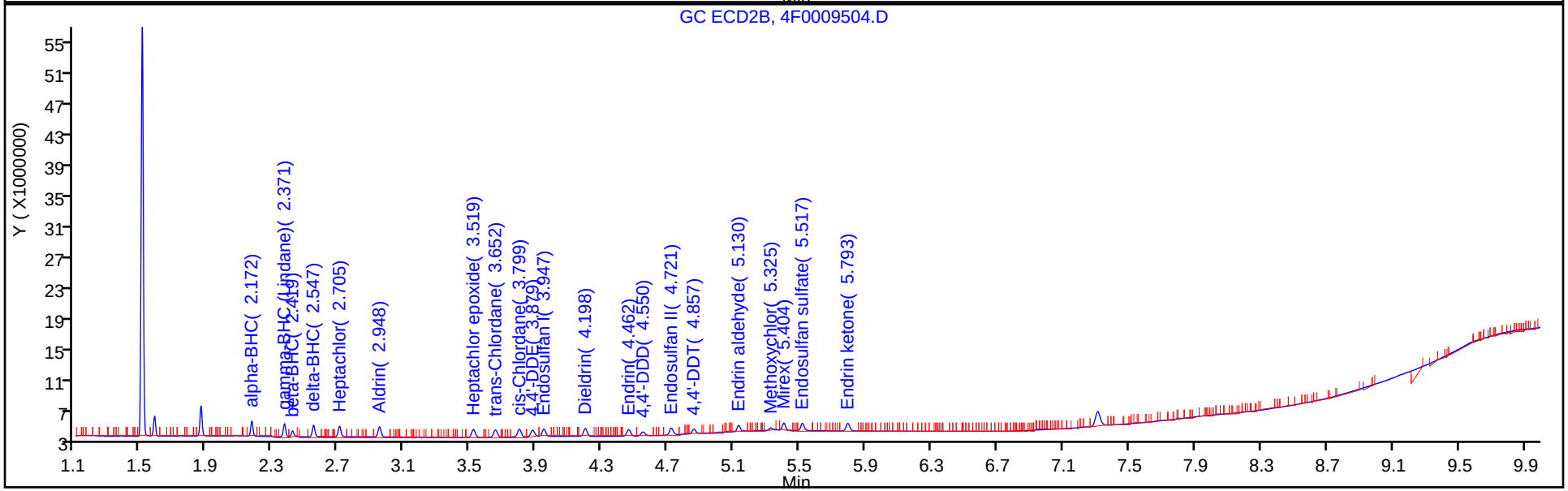
Report Date: 23-Jan-2023 04:57:41 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009504.D

Injection Date:	18-Jan-2023 09:41:07	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009505.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Jan-2023 09:57:03 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:27 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 18-Jan-2023 10:17:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.634	1.635	-0.001	25163605	100.0	100.0	
2	1.507	1.506	0.001	47003837	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.172	2.172	0.000	14138915	50.0	49.4	
2	1.864	1.864	0.000	26285111	50.0	50.2	
						RPD = 1.66	
15 alpha-BHC							
1	2.619	2.619	0.000	21220006	50.0	50.7	
2	2.173	2.173	0.000	37562983	50.0	53.2	
						RPD = 4.90	
2 gamma-BHC (Lindane)							
1	2.925	2.925	0.000	19453424	50.0	51.4	
2	2.371	2.371	0.000	34713621	50.0	53.3	
						RPD = 3.67	
6 beta-BHC							
1	2.985	2.985	0.000	9081884	50.0	52.6	
2	2.420	2.420	0.000	15539830	50.0	53.5	
						RPD = 1.74	
32 delta-BHC							
1	3.288	3.288	0.000	19102082	50.0	50.6	
2	2.548	2.548	0.000	34628134	50.0	52.9	
						RPD = 4.34	
18 Heptachlor							
1	3.381	3.381	0.000	19967953	50.0	50.3	
2	2.706	2.706	0.000	31505802	50.0	52.5	
						RPD = 4.32	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.765	3.765	0.000	20629006	50.0	49.9	
2	2.949	2.949	0.000	34485784	50.0	53.3	
						RPD = 6.54	
12 Heptachlor epoxide							
1	4.419	4.418	0.001	18289204	50.0	50.0	
2	3.520	3.519	0.001	31138070	50.0	52.8	
						RPD = 5.48	
9 trans-Chlordane							
1	4.655	4.655	0.000	18677717	50.0	50.9	
2	3.654	3.653	0.001	30984350	50.0	53.3	
						RPD = 4.58	
23 cis-Chlordane							
1	4.820	4.820	0.000	18635976	50.0	51.2	
2	3.799	3.798	0.001	30271213	50.0	52.7	
						RPD = 2.89	
7 Endosulfan I							
1	4.885	4.884	0.001	18341548	50.0	52.1	
2	3.947	3.947	0.000	30533444	50.0	54.7	
						RPD = 4.89	
25 4,4'-DDE							
1	4.987	4.986	0.001	20385052	50.0	53.9	
2	3.879	3.878	0.001	30002800	50.0	53.4	
						RPD = 0.95	
30 Dieldrin							
1	5.151	5.150	0.001	21948667	50.0	54.2	
2	4.199	4.199	0.000	33061832	50.0	53.7	
						RPD = 0.90	
20 Endrin							
1	5.430	5.429	0.001	20414490	50.0	52.1	
2	4.462	4.462	0.000	29763073	50.0	53.2	
						RPD = 2.17	
16 4,4'-DDD							
1	5.541	5.540	0.001	17269492	50.0	52.1	
2	4.547	4.547	0.000	24012486	50.0	53.4	
						RPD = 2.47	
11 Endosulfan II							
1	5.638	5.637	0.001	21036439	50.0	55.6	
2	4.721	4.721	0.000	27757475	50.0	53.5	
						RPD = 3.91	
21 4,4'-DDT							
1	5.894	5.893	0.001	15292554	50.0	51.9	
2	4.858	4.857	0.001	22666547	50.0	52.1	
						RPD = 0.43	
5 Endrin aldehyde							
1	6.032	6.031	0.001	13982080	50.0	53.1	
2	5.130	5.129	0.001	21547093	50.0	52.7	
						RPD = 0.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.420	6.419	0.001	17382640	50.0	50.6	
2	5.517	5.517	0.000	29504767	50.0	55.2	
						RPD = 8.75	
10 Methoxychlor							
1	6.977	6.976	0.001	7578050	50.0	50.6	
2	5.325	5.324	0.001	11777270	50.0	53.9	
						RPD = 6.27	
34 Mirex							
1	7.165	7.164	0.001	15588257	50.0	51.6	
2	5.405	5.404	0.001	23741828	50.0	54.7	
						RPD = 5.89	
13 Endrin ketone							
1	7.244	7.243	0.001	20051576	50.0	51.1	
2	5.794	5.793	0.001	33203473	50.0	54.4	
						RPD = 6.25	
$ 24 DCB Decachlorobiphenyl							
1	8.366	8.367	-0.001	17557315	50.0	49.4	
2	7.310	7.309	0.001	30168240	50.0	50.7	
						RPD = 2.69	

Reagents:

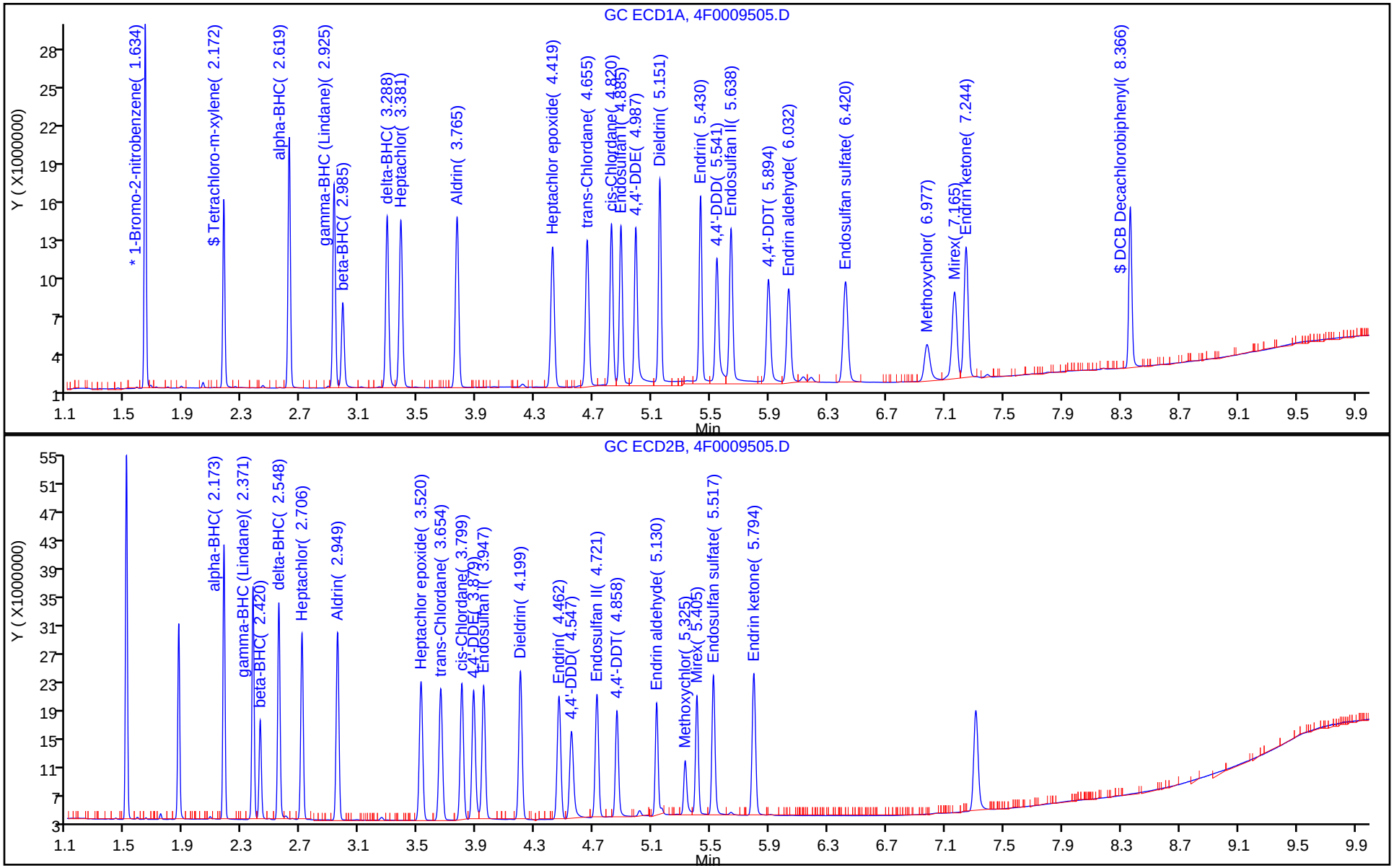
SGPESTL2_00045	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:28 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009505.D

Injection Date:	18-Jan-2023 09:57:03	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009506.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Jan-2023 10:12:59 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-006
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:30 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	23744930	100.0	100.0	
2	1.507	1.506	0.001	45302242	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.173	2.172	0.001	43220372	150.0	160.0	
2	1.865	1.864	0.001	77716872	150.0	154.1	
						RPD = 3.78	
15 alpha-BHC							
1	2.620	2.619	0.001	105944480	250.0	268.0	
2	2.174	2.173	0.001	172872650	250.0	254.0	
						RPD = 5.36	
2 gamma-BHC (Lindane)							
1	2.926	2.925	0.001	95099457	250.0	266.4	
2	2.372	2.371	0.001	158185358	250.0	252.2	
						RPD = 5.47	
6 beta-BHC							
1	2.986	2.985	0.001	40121086	250.0	246.3	
2	2.421	2.420	0.001	69440314	250.0	248.2	
						RPD = 0.77	
32 delta-BHC							
1	3.289	3.288	0.001	94900976	250.0	266.4	
2	2.549	2.548	0.001	160759589	250.0	254.6	
						RPD = 4.55	
18 Heptachlor							
1	3.383	3.381	0.002	96761674	250.0	258.3	
2	2.707	2.706	0.001	144914458	250.0	250.6	
						RPD = 3.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.767	3.765	0.002	102815449	250.0	263.6	
2	2.950	2.949	0.001	157145701	250.0	251.9	
						RPD = 4.53	
12 Heptachlor epoxide							
1	4.420	4.418	0.002	88495113	250.0	256.5	
2	3.520	3.519	0.001	139295126	250.0	245.2	
						RPD = 4.48	
9 trans-Chlordane							
1	4.656	4.655	0.001	90263803	250.0	260.7	
2	3.655	3.653	0.002	141113797	250.0	251.8	
						RPD = 3.47	
23 cis-Chlordane							
1	4.821	4.820	0.001	87538778	250.0	254.9	
2	3.800	3.798	0.002	136215224	250.0	246.1	
						RPD = 3.52	
7 Endosulfan I							
1	4.885	4.884	0.001	84978751	250.0	255.9	
2	3.949	3.947	0.002	134889482	250.0	250.9	
						RPD = 1.99	
25 4,4'-DDE							
1	4.988	4.986	0.002	91229116	250.0	255.6	
2	3.880	3.878	0.002	141236918	250.0	260.7	
						RPD = 1.99	
30 Dieldrin							
1	5.152	5.150	0.002	98257754	250.0	257.0	
2	4.200	4.199	0.001	150650885	250.0	253.8	
						RPD = 1.24	
20 Endrin							
1	5.430	5.429	0.001	91700889	250.0	247.8	
2	4.465	4.462	0.003	136814004	250.0	253.7	
						RPD = 2.36	
16 4,4'-DDD							
1	5.541	5.540	0.001	78899612	250.0	252.4	
2	4.549	4.547	0.002	115589328	250.0	266.9	
						RPD = 5.58	
11 Endosulfan II							
1	5.638	5.637	0.001	87578981	250.0	245.3	
2	4.723	4.721	0.002	125733488	250.0	251.3	
						RPD = 2.42	
21 4,4'-DDT							
1	5.895	5.893	0.002	77552344	250.0	279.0	
2	4.860	4.857	0.003	113453123	250.0	270.7	
						RPD = 2.99	
5 Endrin aldehyde							
1	6.032	6.031	0.001	62221041	250.0	250.3	
2	5.130	5.129	0.001	95286541	250.0	242.0	
						RPD = 3.38	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.420	6.419	0.001	82297776	250.0	253.6	
2	5.518	5.517	0.001	130270814	250.0	252.8	
						RPD = 0.34	
10 Methoxychlor							
1	6.977	6.976	0.001	38822775	250.0	274.8	
2	5.325	5.324	0.001	58107016	250.0	275.9	
						RPD = 0.39	
34 Mirex							
1	7.166	7.164	0.002	70231350	250.0	246.4	
2	5.405	5.404	0.001	101961073	250.0	243.9	
						RPD = 1.02	
13 Endrin ketone							
1	7.245	7.243	0.002	95791074	250.0	258.7	
2	5.795	5.793	0.002	147280641	250.0	250.4	
						RPD = 3.29	
$ 24 DCB Decachlorobiphenyl							
1	8.366	8.367	-0.001	51020540	150.0	152.0	
2	7.311	7.309	0.002	89331979	150.0	155.8	
						RPD = 2.46	

Reagents:

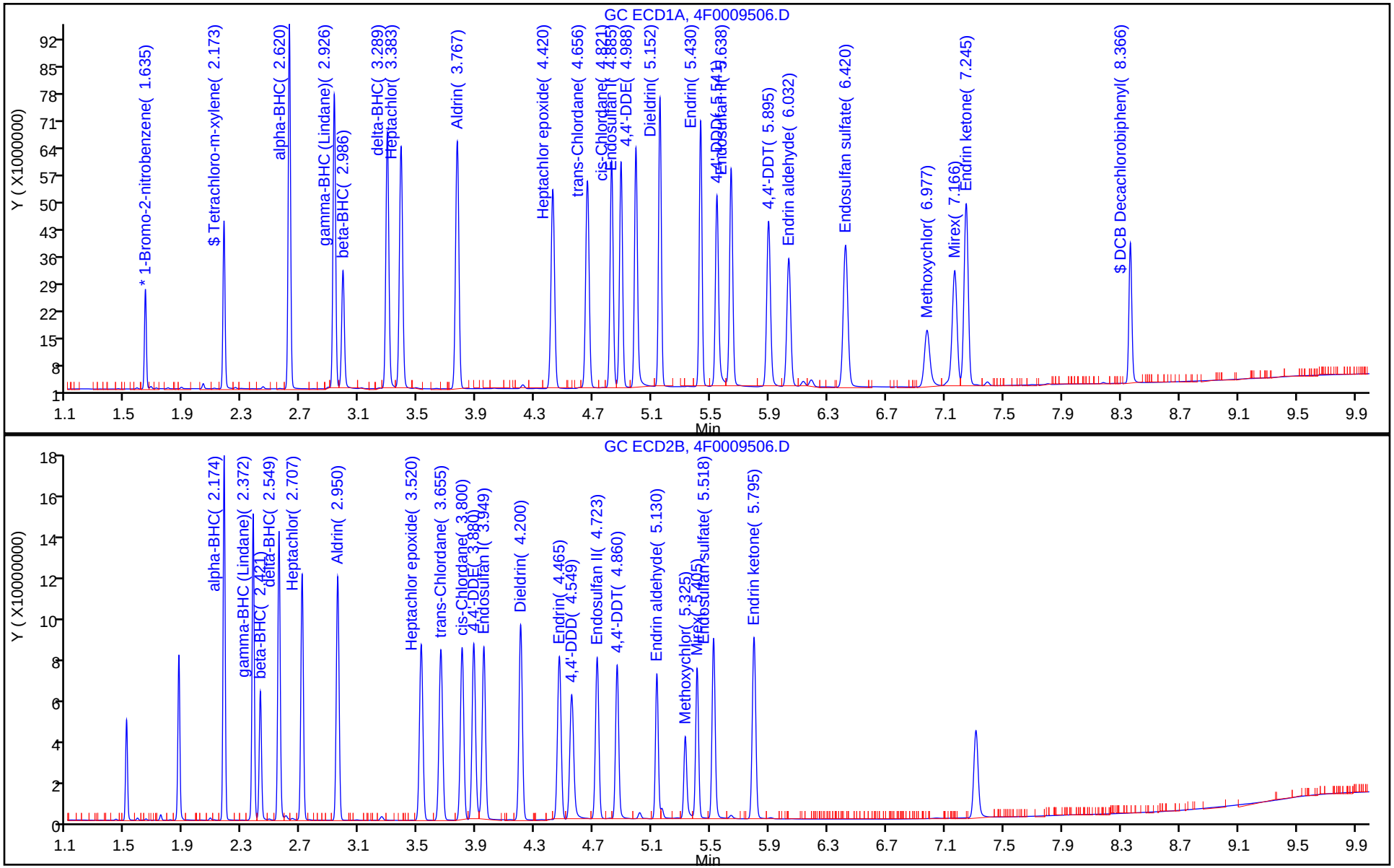
SGPESTL4_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:30 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009506.D

Injection Date:	18-Jan-2023 10:12:59	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009507.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Jan-2023 10:28:56 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:33 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 18-Jan-2023 10:46:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.635	0.001	24780135	100.0	100.0	
2	1.508	1.506	0.002	47198677	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.174	2.172	0.002	55242680	200.0	196.0	
2	1.866	1.864	0.002	99137658	200.0	188.7	
						RPD = 3.82	
15 alpha-BHC							
1	2.621	2.619	0.002	211667337	500.0	513.1	
2	2.175	2.173	0.002	336732149	500.0	474.9	
						RPD = 7.73	
2 gamma-BHC (Lindane)							
1	2.928	2.925	0.003	189526637	500.0	508.7	
2	2.373	2.371	0.002	308976370	500.0	472.8	
						RPD = 7.31	
6 beta-BHC							
1	2.987	2.985	0.002	78517301	500.0	462.0	
2	2.422	2.420	0.002	134123471	500.0	460.2	
						RPD = 0.37	
32 delta-BHC							
1	3.291	3.288	0.003	191342198	500.0	514.8	
2	2.550	2.548	0.002	316917037	500.0	481.7	
						RPD = 6.64	
18 Heptachlor							
1	3.384	3.381	0.003	194700600	500.0	498.0	
2	2.708	2.706	0.002	283534233	500.0	470.7	
						RPD = 5.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.768	3.765	0.003	205541281	500.0	504.9	
2	2.951	2.949	0.002	307248747	500.0	472.7	
						RPD = 6.59	
12 Heptachlor epoxide							
1	4.421	4.418	0.003	175967136	500.0	488.6	
2	3.521	3.519	0.002	269233074	500.0	454.9	
						RPD = 7.15	
9 trans-Chlordane							
1	4.657	4.655	0.002	179574951	500.0	496.9	
2	3.656	3.653	0.003	276388763	500.0	473.3	
						RPD = 4.87	
23 cis-Chlordane							
1	4.823	4.820	0.003	173507251	500.0	484.2	
2	3.801	3.798	0.003	266077213	500.0	461.4	
						RPD = 4.82	
7 Endosulfan I							
1	4.887	4.884	0.003	168163247	500.0	485.3	
2	3.950	3.947	0.003	259655700	500.0	463.6	
						RPD = 4.59	
25 4,4'-DDE							
1	4.988	4.986	0.002	182809108	500.0	490.7	
2	3.881	3.878	0.003	280272857	500.0	496.5	
						RPD = 1.18	
30 Dieldrin							
1	5.153	5.150	0.003	195048017	500.0	488.9	
2	4.201	4.199	0.002	291744604	500.0	471.8	
						RPD = 3.55	
20 Endrin							
1	5.431	5.429	0.002	181544896	500.0	470.1	
2	4.465	4.462	0.003	264312247	500.0	470.5	
						RPD = 0.08	
16 4,4'-DDD							
1	5.541	5.540	0.001	157801437	500.0	483.7	
2	4.549	4.547	0.002	227541760	500.0	504.3	
						RPD = 4.16	
11 Endosulfan II							
1	5.639	5.637	0.002	170387748	500.0	457.3	
2	4.723	4.721	0.002	241704503	500.0	463.7	
						RPD = 1.38	
21 4,4'-DDT							
1	5.895	5.893	0.002	159156863	500.0	548.6	
2	4.859	4.857	0.002	226998152	500.0	519.9	
						RPD = 5.36	
5 Endrin aldehyde							
1	6.033	6.031	0.002	123005287	500.0	474.2	
2	5.131	5.129	0.002	183923233	500.0	448.4	
						RPD = 5.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.421	6.419	0.002	161893737	500.0	478.1	
2	5.519	5.517	0.002	249187567	500.0	464.1	
						RPD = 2.97	
10 Methoxychlor							
1	6.978	6.976	0.002	81357510	500.0	551.8	
2	5.325	5.324	0.001	114507141	500.0	521.8	
						RPD = 5.59	
34 Mirex							
1	7.167	7.164	0.003	138131174	500.0	464.5	
2	5.406	5.404	0.002	191236137	500.0	439.2	
						RPD = 5.60	
13 Endrin ketone							
1	7.246	7.243	0.003	191629914	500.0	496.0	
2	5.795	5.793	0.002	278854605	500.0	455.0	
						RPD = 8.62	
$ 24 DCB Decachlorobiphenyl							
1	8.369	8.367	0.002	65035956	200.0	185.7	
2	7.311	7.309	0.002	112603282	200.0	188.5	
						RPD = 1.51	

Reagents:

SGPESTL5_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:33 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009507.D

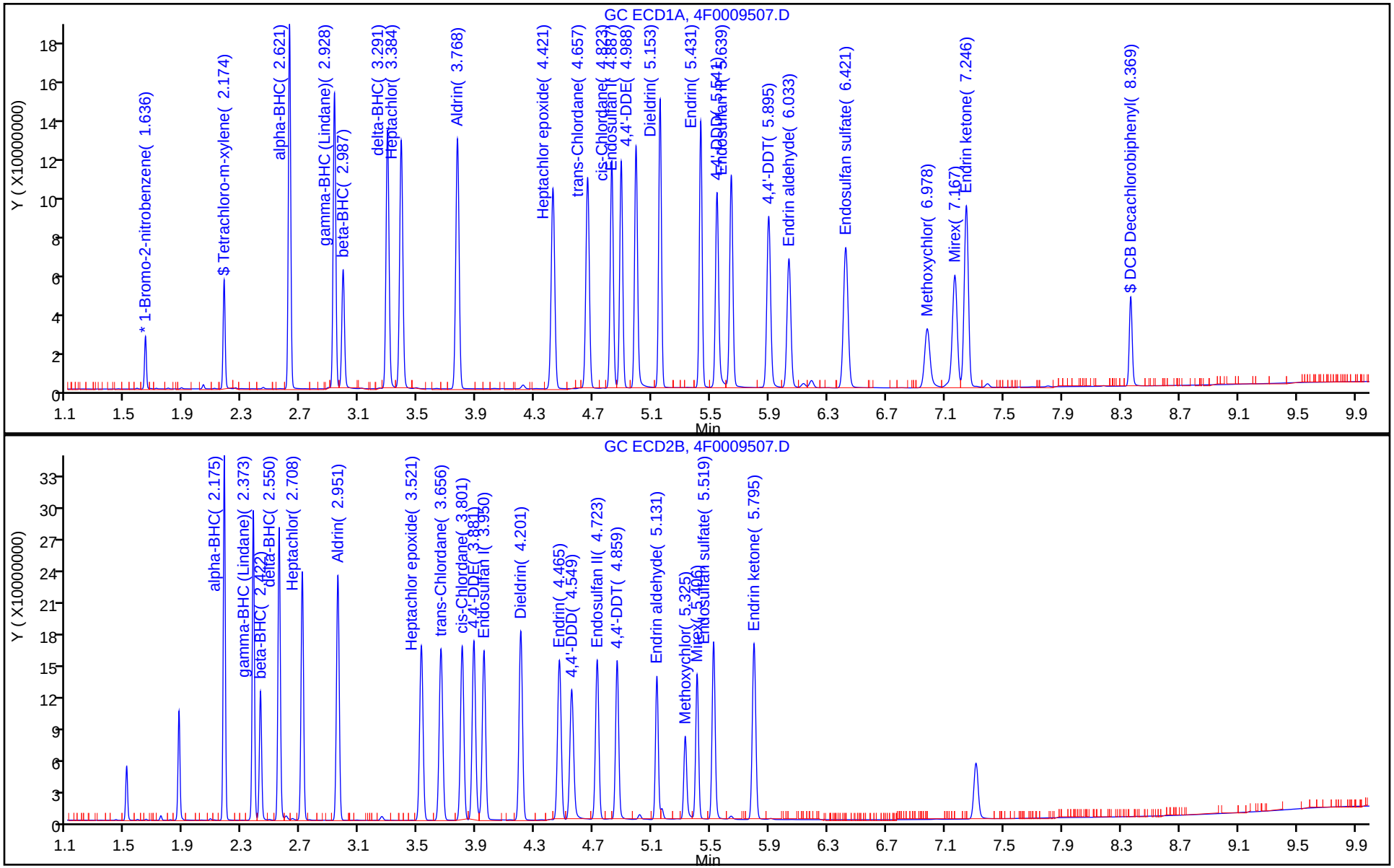
Injection Date: 18-Jan-2023 10:28:56 Instrument ID: CPESTGC4 Operator ID:

Lims ID: IC Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 09:25 Calibration End Date: 01/18/2023 10:28 Calibration ID: 92169

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/4	4F0009504.D
Level 2	IC 460-888675/5	4F0009505.D
Level 3	ICIS 460-888675/3	4F0009503.D
Level 4	IC 460-888675/6	4F0009506.D
Level 5	IC 460-888675/7	4F0009507.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.5255	1.5983	1.4344	1.5264	1.4269	Ave		1.5023				4.8		20.0			
gamma-BHC (Lindane)	1.4183	1.4771	1.3209	1.3967	1.3093	Ave		1.3844				5.1		20.0			
beta-BHC	0.6568	0.6612	0.5877	0.6131	0.5683	Ave		0.6175				6.7		20.0			
delta-BHC	1.3986	1.4734	1.3351	1.4194	1.3429	Ave		1.3939				4.1		20.0			
Heptachlor	1.3479	1.3406	1.2124	1.2795	1.2014	Ave		1.2764				5.4		20.0			
Aldrin	1.4038	1.4674	1.3246	1.3875	1.3019	Ave		1.3770				4.8		20.0			
Heptachlor epoxide	1.3823	1.3249	1.1916	1.2299	1.1409	Ave		1.2539				7.9		20.0			
trans-Chlordane	1.2549	1.3184	1.1954	1.2460	1.1712	Ave		1.2372				4.6		20.0			
cis-Chlordane	1.3233	1.2880	1.1674	1.2027	1.1275	Ave		1.2218				6.7		20.0			
4,4'-DDE	1.0781	1.2766	1.1904	1.2471	1.1876	Ave		1.1959				6.4		20.0			
Endosulfan I	1.1747	1.2992	1.1686	1.1910	1.1003	Ave		1.1867				6.0		20.0			
Dieldrin	1.3117	1.4068	1.2655	1.3302	1.2362	Ave		1.3101				5.0		20.0			
Endrin	1.2101	1.2664	1.1466	1.2080	1.1200	Ave		1.1902				4.9		20.0			
4,4'-DDD	0.8246	1.0217	0.9491	1.0206	0.9642	Ave		0.9560				8.4		20.0			
Endosulfan II	1.1477	1.1811	1.0592	1.1102	1.0242	Ave		1.1045				5.8		20.0			
4,4'-DDT	0.7911	0.9645	0.9057	1.0017	0.9619	Ave		0.9250				8.9		20.0			
Endrin aldehyde	0.9554	0.9168	0.8528	0.8413	0.7794	Ave		0.8691				7.9		20.0			
Methoxychlor	0.3521	0.5011	0.4731	0.5131	0.4852	Ave		0.4649				14.0		20.0			
Mirex	0.9960	1.0102	0.8962	0.9003	0.8103	Ave		0.9226				8.9		20.0			
Endosulfan sulfate	1.1070	1.2554	1.1194	1.1502	1.0559	Ave		1.1376				6.5		20.0			
Endrin ketone	1.3403	1.4128	1.2573	1.3004	1.1816	Ave		1.2985				6.7		20.0			
Tetrachloro-m-xylene	1.2117	1.1184	1.0423	1.1437	1.0502	Ave		1.1133				6.3		20.0			
DCB Decachlorobiphenyl	1.3152	1.2837	1.2220	1.3146	1.1929	Ave		1.2657				4.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 09:25 Calibration End Date: 01/18/2023 10:28 Calibration ID: 92169

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/4	4F0009504.D
Level 2	IC 460-888675/5	4F0009505.D
Level 3	ICIS 460-888675/3	4F0009503.D
Level 4	IC 460-888675/6	4F0009506.D
Level 5	IC 460-888675/7	4F0009507.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	1872017	37562983	69945092	172872650	336732149	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	1740420	34713621	64407430	158185358	308976370	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	806025	15539830	28659356	69440314	134123471	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	1716273	34628134	65103604	160759589	316917037	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	1654021	31505802	59116089	144914458	283534233	2.50	50.0	100	250	500
Aldrin	BNB	Ave	1722609	34485784	64591323	157145701	307248747	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	1696264	31138070	58105149	139295126	269233074	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	1539950	30984350	58288521	141113797	276388763	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	1623897	30271213	56922337	136215224	266077213	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	1322923	30002800	58043642	141236918	280272857	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	1441494	30533444	56981767	134889482	259655700	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	1609644	33061832	61706318	150650885	291744604	2.50	50.0	100	250	500
Endrin	BNB	Ave	1484992	29763073	55909457	136814004	264312247	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	1011870	24012486	46279270	115589328	227541760	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	1408432	27757475	51648724	125733488	241704503	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	970820	22666547	44162681	113453123	226998152	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	1172365	21547093	41581729	95286541	183923233	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	432088	11777270	23070018	58107016	114507141	2.50	50.0	100	250	500
Mirex	BNB	Ave	1222288	23741828	43701471	101961073	191236137	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	1358476	29504767	54585263	130270814	249187567	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	1644750	33203473	61309574	147280641	278854605	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	3717427	26285111	50823095	77716872	99137658	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	4034834	30168240	59584203	89331979	112603282	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009503.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Jan-2023 09:25:12 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PEST
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:22 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 18-Jan-2023 09:37:56

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	26332312	100.0	100.0	
2	1.506	1.506	0.000	48761352	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.172	2.172	0.000	28073537	100.0	93.7	
2	1.864	1.864	0.000	50823095	100.0	93.6	M
						RPD = 0.12	
15 alpha-BHC							
1	2.619	2.619	0.000	41015679	100.0	93.6	
2	2.173	2.173	0.000	69945092	100.0	95.5	
						RPD = 2.03	
2 gamma-BHC (Lindane)							
1	2.925	2.925	0.000	37228904	100.0	94.0	
2	2.371	2.371	0.000	64407430	100.0	95.4	
						RPD = 1.44	
6 beta-BHC							
1	2.985	2.985	0.000	16681994	100.0	92.4	
2	2.420	2.420	0.000	28659356	100.0	95.2	
						RPD = 3.01	
32 delta-BHC							
1	3.288	3.288	0.000	37095466	100.0	93.9	
2	2.548	2.548	0.000	65103604	100.0	95.8	
						RPD = 1.97	
18 Heptachlor							
1	3.381	3.381	0.000	38296847	100.0	92.2	
2	2.706	2.706	0.000	59116089	100.0	95.0	
						RPD = 3.00	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.765	3.765	0.000	39715875	100.0	91.8	
2	2.949	2.949	0.000	64591323	100.0	96.2	
						RPD = 4.66	
12 Heptachlor epoxide							a
1	4.418	4.418	0.000	34886697	100.0	91.2	a
2	3.519	3.519	0.000	58105149	100.0	95.0	a
						RPD = 4.15	
9 trans-Chlordane							Ma
1	4.655	4.655	0.000	35149352	100.0	91.5	M
2	3.653	3.653	0.000	58288521	100.0	96.6	a
						RPD = 5.41	
23 cis-Chlordane							Ma
1	4.820	4.820	0.000	34308064	100.0	90.1	a
2	3.798	3.798	0.000	56922337	100.0	95.5	M
						RPD = 5.87	
7 Endosulfan I							M
1	4.884	4.884	0.000	33221946	100.0	90.2	
2	3.947	3.947	0.000	56981767	100.0	98.5	M
						RPD = 8.74	
25 4,4'-DDE							M
1	4.986	4.986	0.000	35502316	100.0	89.7	
2	3.878	3.878	0.000	58043642	100.0	99.5	M
						RPD = 10.42	
30 Dieldrin							a
1	5.150	5.150	0.000	38527455	100.0	90.9	a
2	4.199	4.199	0.000	61706318	100.0	96.6	a
						RPD = 6.10	
20 Endrin							
1	5.429	5.429	0.000	35867197	100.0	87.4	
2	4.462	4.462	0.000	55909457	100.0	96.3	
						RPD = 9.72	
16 4,4'-DDD							a
1	5.540	5.540	0.000	30767720	100.0	88.8	a
2	4.547	4.547	0.000	46279270	100.0	99.3	a
						RPD = 11.19	
11 Endosulfan II							a
1	5.637	5.637	0.000	35285640	100.0	89.1	a
2	4.721	4.721	0.000	51648724	100.0	95.9	a
						RPD = 7.33	
21 4,4'-DDT							
1	5.893	5.893	0.000	29115841	100.0	94.4	
2	4.857	4.857	0.000	44162681	100.0	97.9	
						RPD = 3.61	
5 Endrin aldehyde							M
1	6.031	6.031	0.000	25051743	100.0	90.9	
2	5.129	5.129	0.000	41581729	100.0	98.1	M
						RPD = 7.65	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.419	6.419	0.000	32771120	100.0	91.1	
2	5.517	5.517	0.000	54585263	100.0	98.4	
						RPD = 7.73	
10 Methoxychlor							
1	6.976	6.976	0.000	15087257	100.0	96.3	
2	5.324	5.324	0.000	23070018	100.0	101.8	
						RPD = 5.51	
34 Mirex							
1	7.164	7.164	0.000	29332553	100.0	92.8	
2	5.404	5.404	0.000	43701471	100.0	97.1	
						RPD = 4.55	
13 Endrin ketone							
1	7.243	7.243	0.000	38309652	100.0	93.3	
2	5.793	5.793	0.000	61309574	100.0	96.8	
						RPD = 3.70	
$ 24 DCB Decachlorobiphenyl							
1	8.367	8.367	0.000	33525441	100.0	90.1	
2	7.309	7.309	0.000	59584203	100.0	96.5	
						RPD = 6.94	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:24 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009503.D

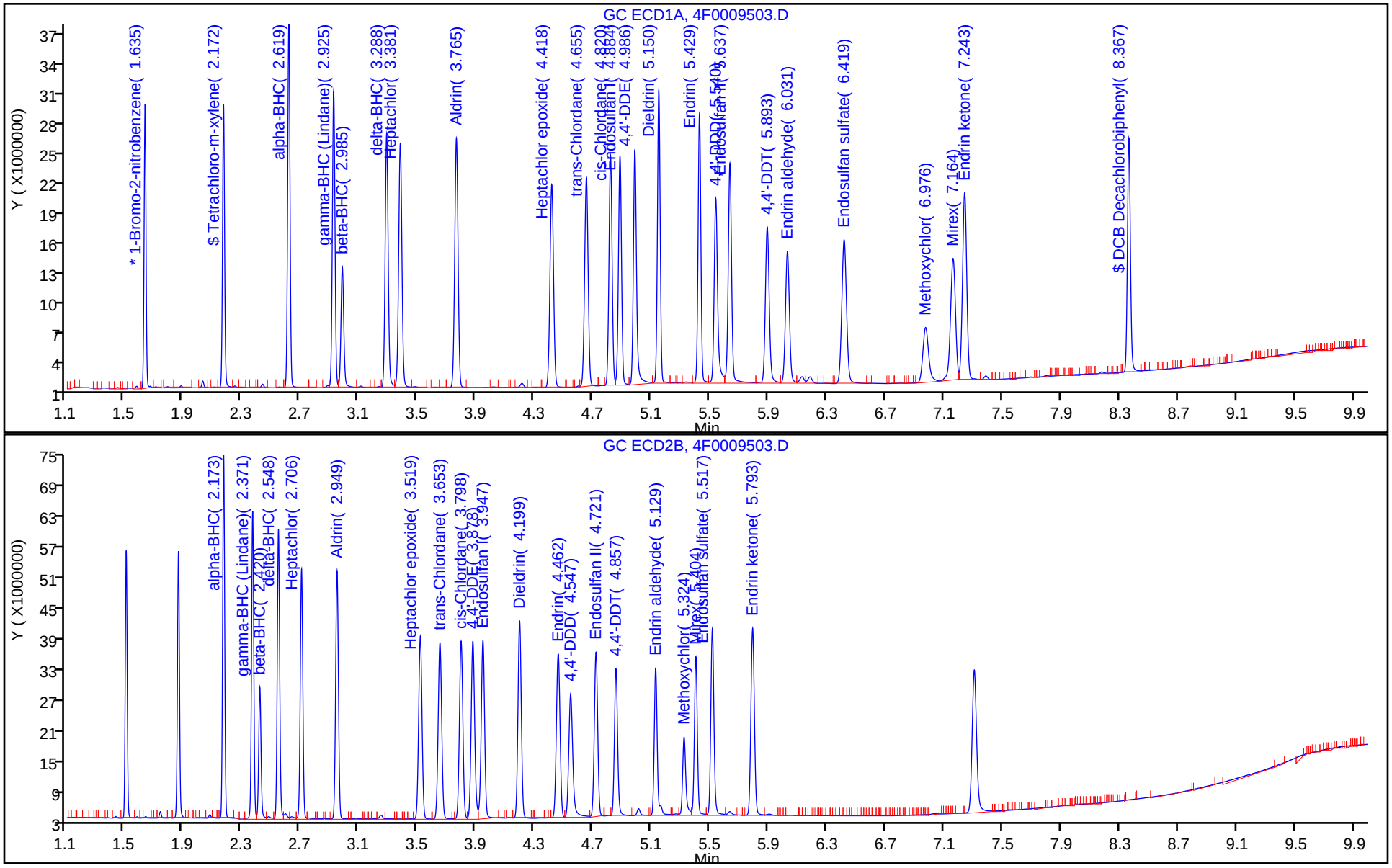
Injection Date: 18-Jan-2023 09:25:12 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009504.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Jan-2023 09:41:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:57:40 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 23-Jan-2023 04:57:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.636	-0.001	25798673	100.0	100.0	
2	1.507	1.508	-0.001	49085408	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.172	2.172	0.000	1884296	6.25	6.42	
2	1.864	1.864	0.000	3717427	6.25	6.80	
						RPD = 5.76	
15 alpha-BHC							
1	2.619	2.619	0.000	1023506	2.50	2.38	
2	2.172	2.173	-0.001	1872017	2.50	2.54	
						RPD = 6.32	
2 gamma-BHC (Lindane)							
1	2.925	2.925	0.000	919307	2.50	2.37	
2	2.371	2.371	0.000	1740420	2.50	2.56	
						RPD = 7.74	
6 beta-BHC							
1	2.985	2.985	0.000	493150	2.50	2.79	
2	2.419	2.420	-0.001	806025	2.50	2.66	
						RPD = 4.68	
32 delta-BHC							
1	3.288	3.288	0.000	922383	2.50	2.38	
2	2.547	2.548	-0.001	1716273	2.50	2.51	
						RPD = 5.11	
18 Heptachlor							
1	3.382	3.381	0.001	1061688	2.50	2.61	
2	2.705	2.706	-0.001	1654021	2.50	2.64	
						RPD = 1.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.765	3.765	0.000	1080304	2.50	2.55	
2	2.948	2.949	-0.001	1722609	2.50	2.55	
						RPD = 0.02	
12 Heptachlor epoxide							
1	4.418	4.418	0.000	1016872	2.50	2.71	
2	3.519	3.519	0.000	1696264	2.50	2.76	
						RPD = 1.60	
9 trans-Chlordane							
1	4.655	4.655	0.000	968856	2.50	2.58	
2	3.652	3.653	-0.001	1539950	2.50	2.54	
						RPD = 1.54	
23 cis-Chlordane							
1	4.820	4.820	0.000	1013675	2.50	2.72	
2	3.799	3.798	0.001	1623897	2.50	2.71	
						RPD = 0.34	
7 Endosulfan I							
1	4.886	4.884	0.002	956681	2.50	2.65	
2	3.947	3.947	0.000	1441494	2.50	2.47	
						RPD = 6.92	
25 4,4'-DDE							
1	4.987	4.986	0.001	990858	2.50	2.55	
2	3.879	3.878	0.001	1322923	2.50	2.25	
						RPD = 12.53	
30 Dieldrin							
1	5.152	5.150	0.002	1040415	2.50	2.50	
2	4.198	4.199	-0.001	1609644	2.50	2.50	
						RPD = 0.07	
20 Endrin							
1	5.429	5.429	0.000	1158974	2.50	2.88	
2	4.462	4.462	0.000	1484992	2.50	2.54	
						RPD = 12.57	
16 4,4'-DDD							
1	5.541	5.540	0.001	927778	2.50	2.73	
2	4.550	4.547	0.003	1011870	2.50	2.16	
						RPD = 23.55	
11 Endosulfan II							
1	5.638	5.637	0.001	1067909	2.50	2.75	
2	4.721	4.721	0.000	1408432	2.50	2.60	
						RPD = 5.79	
21 4,4'-DDT							
1	5.894	5.893	0.001	607310	2.50	2.01	
2	4.857	4.857	0.000	970820	2.50	2.14	
						RPD = 6.15	
5 Endrin aldehyde							
1	6.032	6.031	0.001	729002	2.50	2.70	
2	5.130	5.129	0.001	1172365	2.50	2.75	
						RPD = 1.78	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.419	6.419	0.000	976018	2.50	2.77	
2	5.517	5.517	0.000	1358476	2.50	2.43	
						RPD = 12.91	
10 Methoxychlor							
1	6.979	6.976	0.003	315294	2.50	2.05	
2	5.325	5.324	0.001	432088	2.50	1.89	
						RPD = 8.15	
34 Mirex							
1	7.165	7.164	0.001	870677	2.50	2.81	
2	5.404	5.404	0.000	1222288	2.50	2.70	
						RPD = 4.10	
13 Endrin ketone							
1	7.244	7.243	0.001	1023644	2.50	2.54	
2	5.793	5.793	0.000	1644750	2.50	2.58	
						RPD = 1.39	
$ 24 DCB Decachlorobiphenyl							
1	8.369	8.367	0.002	2666934	6.25	7.31	
2	7.311	7.309	0.002	4034834	6.25	6.49	
						RPD = 11.86	

QC Flag Legend

Processing Flags

Reagents:

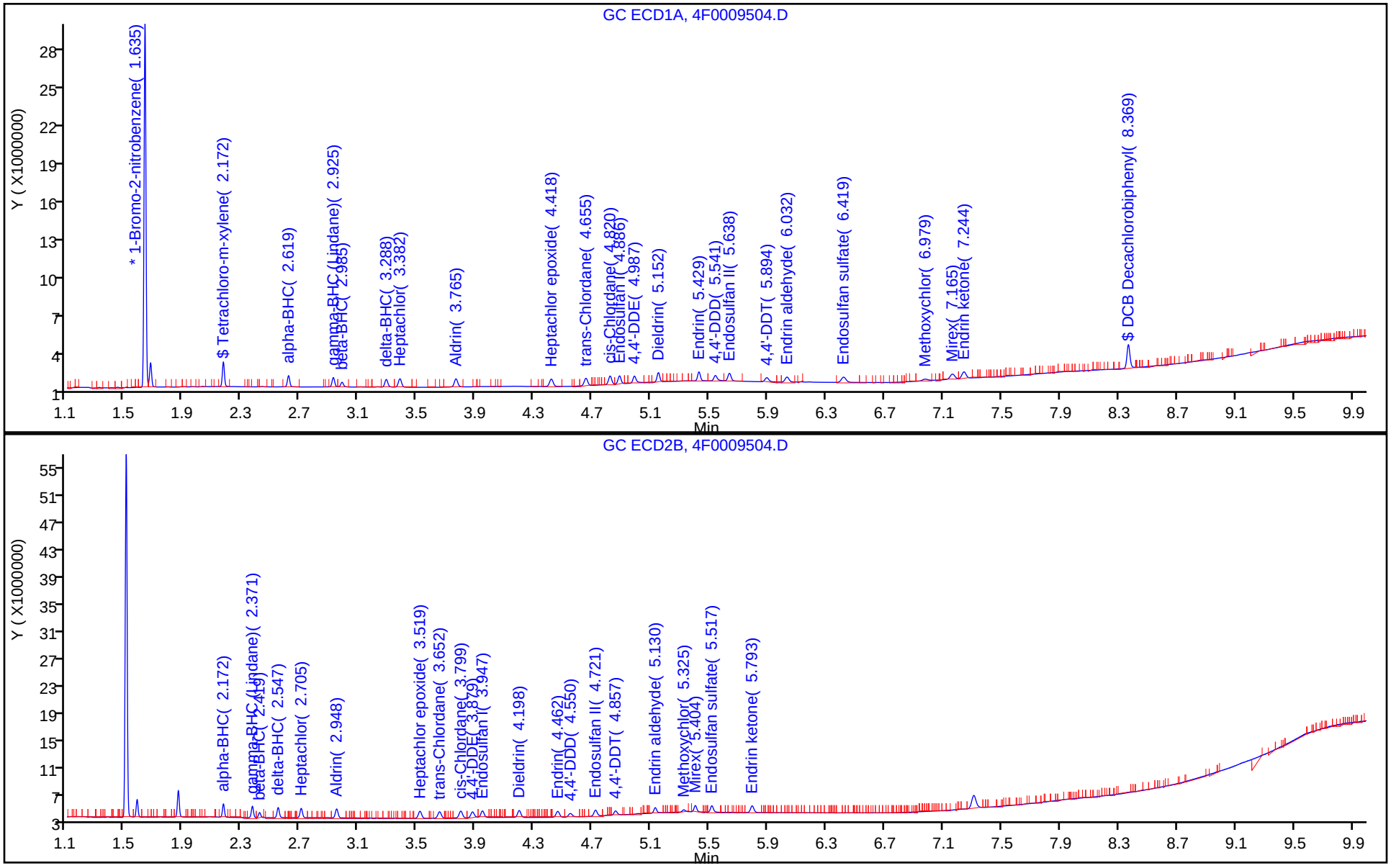
SGPESTL1_00034	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:57:41 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009504.D

Injection Date:	18-Jan-2023 09:41:07	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009505.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Jan-2023 09:57:03 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:27 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 18-Jan-2023 10:17:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.634	1.635	-0.001	25163605	100.0	100.0	
2	1.507	1.506	0.001	47003837	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.172	2.172	0.000	14138915	50.0	49.4	
2	1.864	1.864	0.000	26285111	50.0	50.2	
						RPD = 1.66	
15 alpha-BHC							
1	2.619	2.619	0.000	21220006	50.0	50.7	
2	2.173	2.173	0.000	37562983	50.0	53.2	
						RPD = 4.90	
2 gamma-BHC (Lindane)							
1	2.925	2.925	0.000	19453424	50.0	51.4	
2	2.371	2.371	0.000	34713621	50.0	53.3	
						RPD = 3.67	
6 beta-BHC							
1	2.985	2.985	0.000	9081884	50.0	52.6	
2	2.420	2.420	0.000	15539830	50.0	53.5	
						RPD = 1.74	
32 delta-BHC							
1	3.288	3.288	0.000	19102082	50.0	50.6	
2	2.548	2.548	0.000	34628134	50.0	52.9	
						RPD = 4.34	
18 Heptachlor							
1	3.381	3.381	0.000	19967953	50.0	50.3	
2	2.706	2.706	0.000	31505802	50.0	52.5	
						RPD = 4.32	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.765	3.765	0.000	20629006	50.0	49.9	
2	2.949	2.949	0.000	34485784	50.0	53.3	
						RPD = 6.54	
12 Heptachlor epoxide							
1	4.419	4.418	0.001	18289204	50.0	50.0	
2	3.520	3.519	0.001	31138070	50.0	52.8	
						RPD = 5.48	
9 trans-Chlordane							
1	4.655	4.655	0.000	18677717	50.0	50.9	
2	3.654	3.653	0.001	30984350	50.0	53.3	
						RPD = 4.58	
23 cis-Chlordane							
1	4.820	4.820	0.000	18635976	50.0	51.2	
2	3.799	3.798	0.001	30271213	50.0	52.7	
						RPD = 2.89	
7 Endosulfan I							
1	4.885	4.884	0.001	18341548	50.0	52.1	
2	3.947	3.947	0.000	30533444	50.0	54.7	
						RPD = 4.89	
25 4,4'-DDE							
1	4.987	4.986	0.001	20385052	50.0	53.9	
2	3.879	3.878	0.001	30002800	50.0	53.4	
						RPD = 0.95	
30 Dieldrin							
1	5.151	5.150	0.001	21948667	50.0	54.2	
2	4.199	4.199	0.000	33061832	50.0	53.7	
						RPD = 0.90	
20 Endrin							
1	5.430	5.429	0.001	20414490	50.0	52.1	
2	4.462	4.462	0.000	29763073	50.0	53.2	
						RPD = 2.17	
16 4,4'-DDD							
1	5.541	5.540	0.001	17269492	50.0	52.1	
2	4.547	4.547	0.000	24012486	50.0	53.4	
						RPD = 2.47	
11 Endosulfan II							
1	5.638	5.637	0.001	21036439	50.0	55.6	
2	4.721	4.721	0.000	27757475	50.0	53.5	
						RPD = 3.91	
21 4,4'-DDT							
1	5.894	5.893	0.001	15292554	50.0	51.9	
2	4.858	4.857	0.001	22666547	50.0	52.1	
						RPD = 0.43	
5 Endrin aldehyde							
1	6.032	6.031	0.001	13982080	50.0	53.1	
2	5.130	5.129	0.001	21547093	50.0	52.7	
						RPD = 0.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.420	6.419	0.001	17382640	50.0	50.6	
2	5.517	5.517	0.000	29504767	50.0	55.2	
						RPD = 8.75	
10 Methoxychlor							
1	6.977	6.976	0.001	7578050	50.0	50.6	
2	5.325	5.324	0.001	11777270	50.0	53.9	
						RPD = 6.27	
34 Mirex							
1	7.165	7.164	0.001	15588257	50.0	51.6	
2	5.405	5.404	0.001	23741828	50.0	54.7	
						RPD = 5.89	
13 Endrin ketone							
1	7.244	7.243	0.001	20051576	50.0	51.1	
2	5.794	5.793	0.001	33203473	50.0	54.4	
						RPD = 6.25	
$ 24 DCB Decachlorobiphenyl							
1	8.366	8.367	-0.001	17557315	50.0	49.4	
2	7.310	7.309	0.001	30168240	50.0	50.7	
						RPD = 2.69	

Reagents:

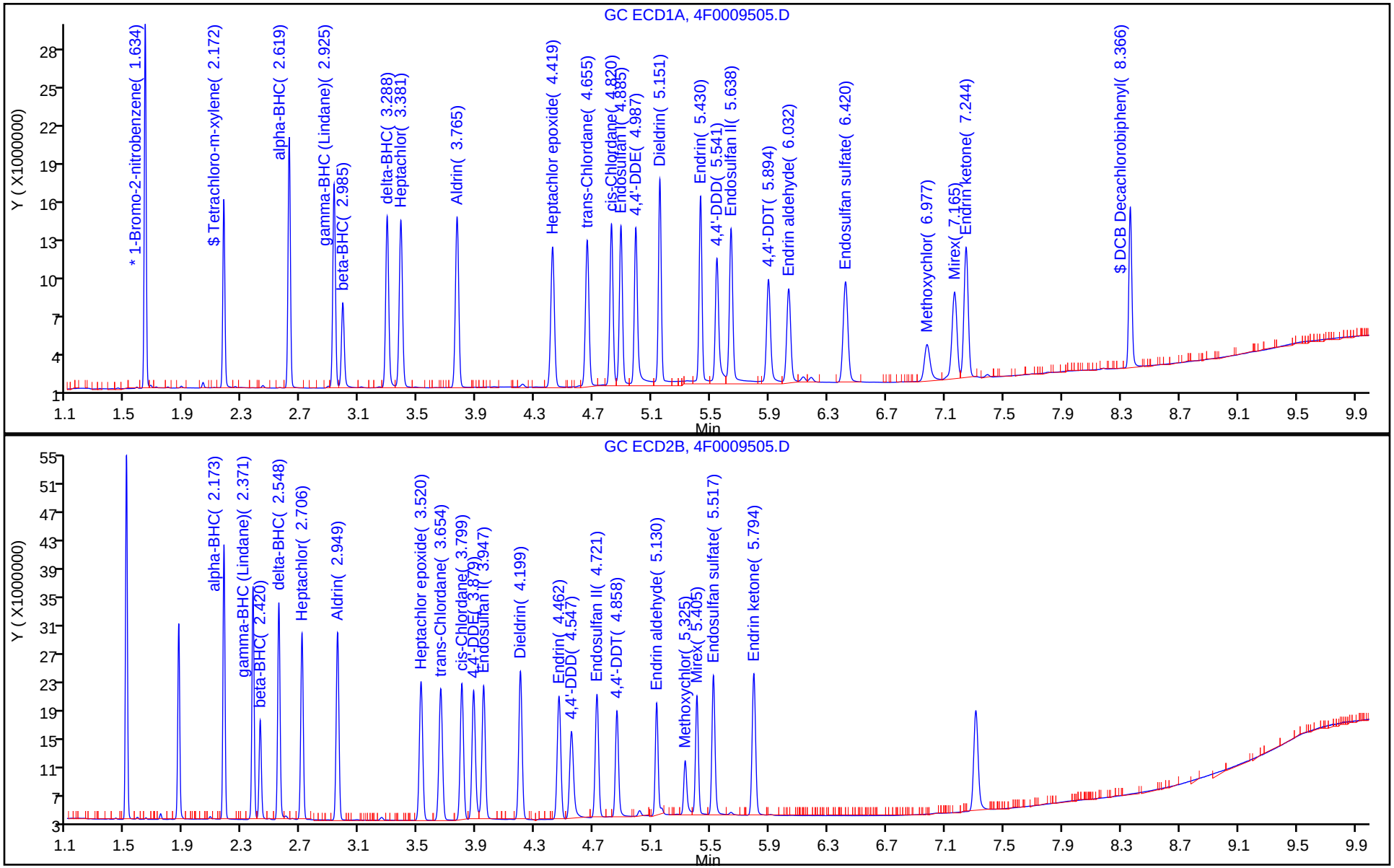
SGPESTL2_00045	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:28 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009505.D

Injection Date:	18-Jan-2023 09:57:03	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009506.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Jan-2023 10:12:59 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-006
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:30 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.635	1.635	0.000	23744930	100.0	100.0	
2	1.507	1.506	0.001	45302242	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.173	2.172	0.001	43220372	150.0	160.0	
2	1.865	1.864	0.001	77716872	150.0	154.1	
						RPD = 3.78	
15 alpha-BHC							
1	2.620	2.619	0.001	105944480	250.0	268.0	
2	2.174	2.173	0.001	172872650	250.0	254.0	
						RPD = 5.36	
2 gamma-BHC (Lindane)							
1	2.926	2.925	0.001	95099457	250.0	266.4	
2	2.372	2.371	0.001	158185358	250.0	252.2	
						RPD = 5.47	
6 beta-BHC							
1	2.986	2.985	0.001	40121086	250.0	246.3	
2	2.421	2.420	0.001	69440314	250.0	248.2	
						RPD = 0.77	
32 delta-BHC							
1	3.289	3.288	0.001	94900976	250.0	266.4	
2	2.549	2.548	0.001	160759589	250.0	254.6	
						RPD = 4.55	
18 Heptachlor							
1	3.383	3.381	0.002	96761674	250.0	258.3	
2	2.707	2.706	0.001	144914458	250.0	250.6	
						RPD = 3.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.767	3.765	0.002	102815449	250.0	263.6	
2	2.950	2.949	0.001	157145701	250.0	251.9	
						RPD = 4.53	
12 Heptachlor epoxide							
1	4.420	4.418	0.002	88495113	250.0	256.5	
2	3.520	3.519	0.001	139295126	250.0	245.2	
						RPD = 4.48	
9 trans-Chlordane							
1	4.656	4.655	0.001	90263803	250.0	260.7	
2	3.655	3.653	0.002	141113797	250.0	251.8	
						RPD = 3.47	
23 cis-Chlordane							
1	4.821	4.820	0.001	87538778	250.0	254.9	
2	3.800	3.798	0.002	136215224	250.0	246.1	
						RPD = 3.52	
7 Endosulfan I							
1	4.885	4.884	0.001	84978751	250.0	255.9	
2	3.949	3.947	0.002	134889482	250.0	250.9	
						RPD = 1.99	
25 4,4'-DDE							
1	4.988	4.986	0.002	91229116	250.0	255.6	
2	3.880	3.878	0.002	141236918	250.0	260.7	
						RPD = 1.99	
30 Dieldrin							
1	5.152	5.150	0.002	98257754	250.0	257.0	
2	4.200	4.199	0.001	150650885	250.0	253.8	
						RPD = 1.24	
20 Endrin							
1	5.430	5.429	0.001	91700889	250.0	247.8	
2	4.465	4.462	0.003	136814004	250.0	253.7	
						RPD = 2.36	
16 4,4'-DDD							
1	5.541	5.540	0.001	78899612	250.0	252.4	
2	4.549	4.547	0.002	115589328	250.0	266.9	
						RPD = 5.58	
11 Endosulfan II							
1	5.638	5.637	0.001	87578981	250.0	245.3	
2	4.723	4.721	0.002	125733488	250.0	251.3	
						RPD = 2.42	
21 4,4'-DDT							
1	5.895	5.893	0.002	77552344	250.0	279.0	
2	4.860	4.857	0.003	113453123	250.0	270.7	
						RPD = 2.99	
5 Endrin aldehyde							
1	6.032	6.031	0.001	62221041	250.0	250.3	
2	5.130	5.129	0.001	95286541	250.0	242.0	
						RPD = 3.38	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.420	6.419	0.001	82297776	250.0	253.6	
2	5.518	5.517	0.001	130270814	250.0	252.8	
						RPD = 0.34	
10 Methoxychlor							
1	6.977	6.976	0.001	38822775	250.0	274.8	
2	5.325	5.324	0.001	58107016	250.0	275.9	
						RPD = 0.39	
34 Mirex							
1	7.166	7.164	0.002	70231350	250.0	246.4	
2	5.405	5.404	0.001	101961073	250.0	243.9	
						RPD = 1.02	
13 Endrin ketone							
1	7.245	7.243	0.002	95791074	250.0	258.7	
2	5.795	5.793	0.002	147280641	250.0	250.4	
						RPD = 3.29	
$ 24 DCB Decachlorobiphenyl							
1	8.366	8.367	-0.001	51020540	150.0	152.0	
2	7.311	7.309	0.002	89331979	150.0	155.8	
						RPD = 2.46	

Reagents:

SGPESTL4_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:31 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009506.D

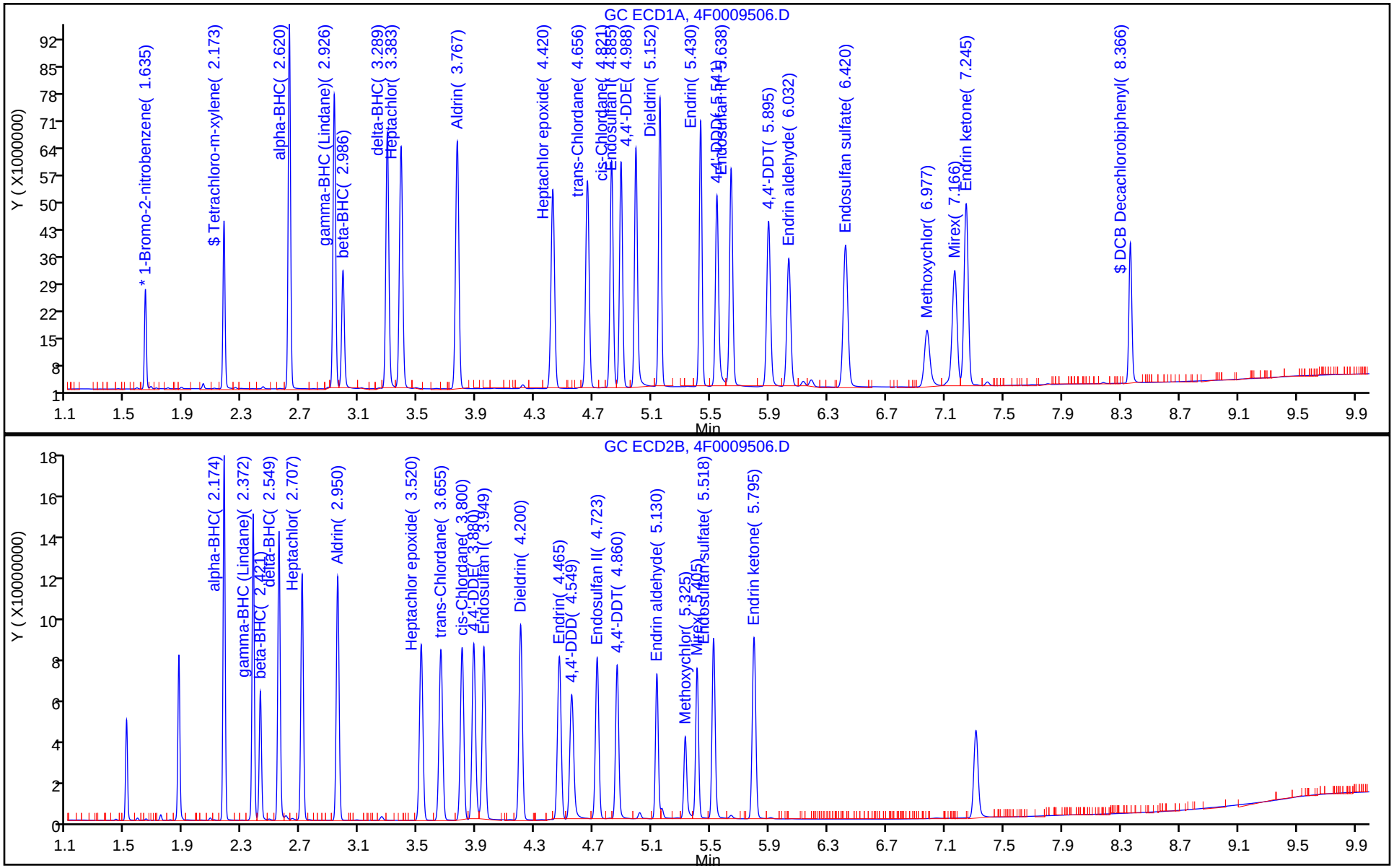
Injection Date: 18-Jan-2023 10:12:59 Instrument ID: CPESTGC4 Operator ID:

Lims ID: IC Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009507.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Jan-2023 10:28:56 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-007
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:33 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 18-Jan-2023 10:46:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.635	0.001	24780135	100.0	100.0	
2	1.508	1.506	0.002	47198677	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.174	2.172	0.002	55242680	200.0	196.0	
2	1.866	1.864	0.002	99137658	200.0	188.7	
						RPD = 3.82	
15 alpha-BHC							
1	2.621	2.619	0.002	211667337	500.0	513.1	
2	2.175	2.173	0.002	336732149	500.0	474.9	
						RPD = 7.73	
2 gamma-BHC (Lindane)							
1	2.928	2.925	0.003	189526637	500.0	508.7	
2	2.373	2.371	0.002	308976370	500.0	472.8	
						RPD = 7.31	
6 beta-BHC							
1	2.987	2.985	0.002	78517301	500.0	462.0	
2	2.422	2.420	0.002	134123471	500.0	460.2	
						RPD = 0.37	
32 delta-BHC							
1	3.291	3.288	0.003	191342198	500.0	514.8	
2	2.550	2.548	0.002	316917037	500.0	481.7	
						RPD = 6.64	
18 Heptachlor							
1	3.384	3.381	0.003	194700600	500.0	498.0	
2	2.708	2.706	0.002	283534233	500.0	470.7	
						RPD = 5.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.768	3.765	0.003	205541281	500.0	504.9	
2	2.951	2.949	0.002	307248747	500.0	472.7	
						RPD = 6.59	
12 Heptachlor epoxide							
1	4.421	4.418	0.003	175967136	500.0	488.6	
2	3.521	3.519	0.002	269233074	500.0	454.9	
						RPD = 7.15	
9 trans-Chlordane							
1	4.657	4.655	0.002	179574951	500.0	496.9	
2	3.656	3.653	0.003	276388763	500.0	473.3	
						RPD = 4.87	
23 cis-Chlordane							
1	4.823	4.820	0.003	173507251	500.0	484.2	
2	3.801	3.798	0.003	266077213	500.0	461.4	
						RPD = 4.82	
7 Endosulfan I							
1	4.887	4.884	0.003	168163247	500.0	485.3	
2	3.950	3.947	0.003	259655700	500.0	463.6	
						RPD = 4.59	
25 4,4'-DDE							
1	4.988	4.986	0.002	182809108	500.0	490.7	
2	3.881	3.878	0.003	280272857	500.0	496.5	
						RPD = 1.18	
30 Dieldrin							
1	5.153	5.150	0.003	195048017	500.0	488.9	
2	4.201	4.199	0.002	291744604	500.0	471.8	
						RPD = 3.55	
20 Endrin							
1	5.431	5.429	0.002	181544896	500.0	470.1	
2	4.465	4.462	0.003	264312247	500.0	470.5	
						RPD = 0.08	
16 4,4'-DDD							
1	5.541	5.540	0.001	157801437	500.0	483.7	
2	4.549	4.547	0.002	227541760	500.0	504.3	
						RPD = 4.16	
11 Endosulfan II							
1	5.639	5.637	0.002	170387748	500.0	457.3	
2	4.723	4.721	0.002	241704503	500.0	463.7	
						RPD = 1.38	
21 4,4'-DDT							
1	5.895	5.893	0.002	159156863	500.0	548.6	
2	4.859	4.857	0.002	226998152	500.0	519.9	
						RPD = 5.36	
5 Endrin aldehyde							
1	6.033	6.031	0.002	123005287	500.0	474.2	
2	5.131	5.129	0.002	183923233	500.0	448.4	
						RPD = 5.60	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.421	6.419	0.002	161893737	500.0	478.1	
2	5.519	5.517	0.002	249187567	500.0	464.1	
						RPD = 2.97	
10 Methoxychlor							
1	6.978	6.976	0.002	81357510	500.0	551.8	
2	5.325	5.324	0.001	114507141	500.0	521.8	
						RPD = 5.59	
34 Mirex							
1	7.167	7.164	0.003	138131174	500.0	464.5	
2	5.406	5.404	0.002	191236137	500.0	439.2	
						RPD = 5.60	
13 Endrin ketone							
1	7.246	7.243	0.003	191629914	500.0	496.0	
2	5.795	5.793	0.002	278854605	500.0	455.0	
						RPD = 8.62	
$ 24 DCB Decachlorobiphenyl							
1	8.369	8.367	0.002	65035956	200.0	185.7	
2	7.311	7.309	0.002	112603282	200.0	188.5	
						RPD = 1.51	

Reagents:

SGPESTL5_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:34 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009507.D

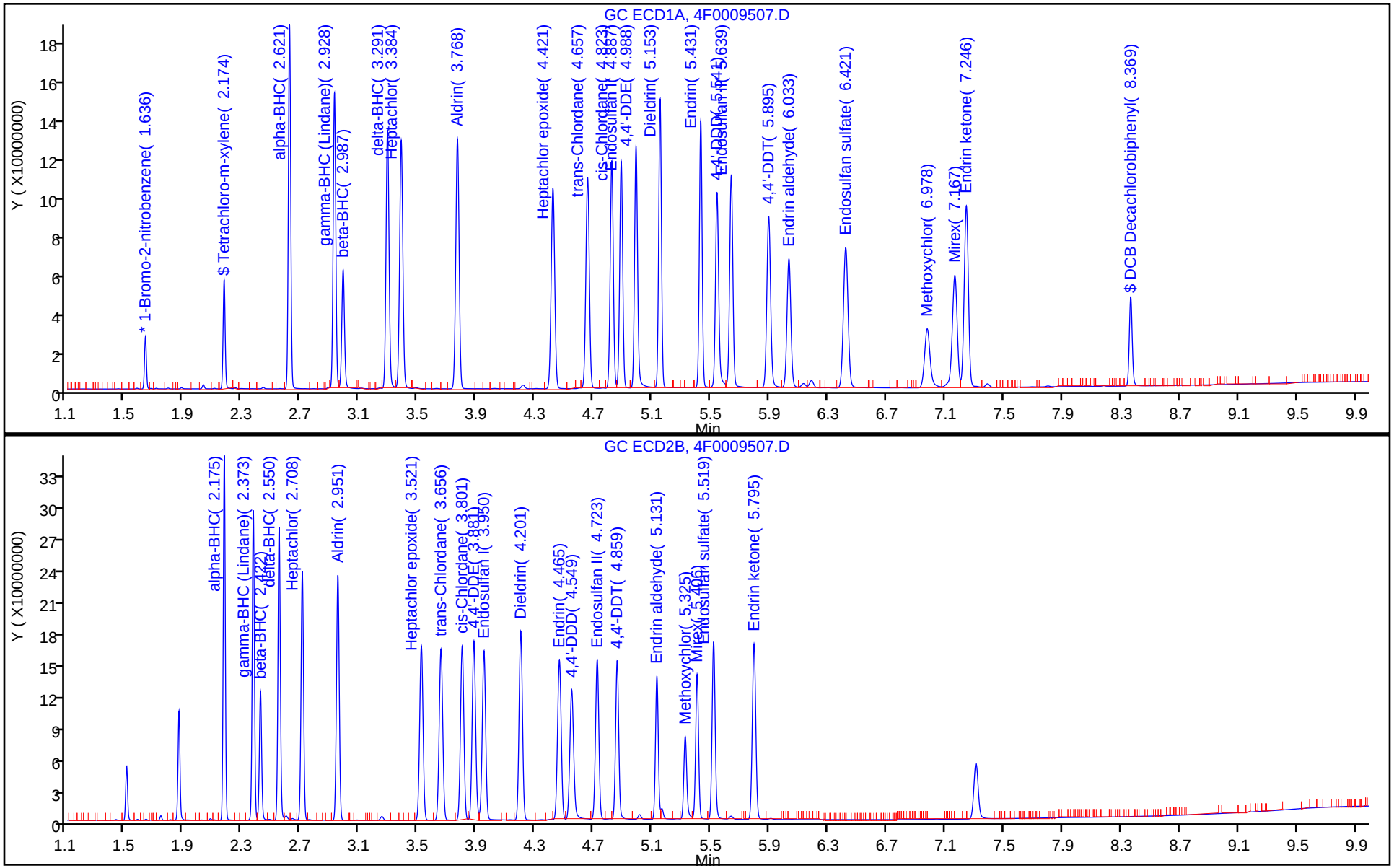
Injection Date: 18-Jan-2023 10:28:56 Instrument ID: CPESTGC4 Operator ID:

Lims ID: IC Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 12:52 Calibration End Date: 01/18/2023 13:56 Calibration ID: 92186

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/16	4F0009516.D
Level 2	IC 460-888675/17	4F0009517.D
Level 3	IC 460-888675/18	4F0009518.D
Level 4	IC 460-888675/19	4F0009519.D
Level 5	IC 460-888675/20	4F0009520.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0398	0.0339	0.0339	0.0310	0.0305	Ave		0.0338				11.0		20.0			
Toxaphene Peak 2	0.0561	0.0458	0.0464	0.0447	0.0426	Ave		0.0471				11.1		20.0			
Toxaphene Peak 3	0.0984	0.0845	0.0815	0.0797	0.0824	Ave		0.0853				8.8		20.0			
Toxaphene Peak 4	0.0304	0.0422	0.0478	0.0470	0.0464	Ave		0.0427				17.0		20.0			
Toxaphene Peak 5	0.0195	0.0306	0.0377	0.0385	0.0388	Lin	-2.370	0.0397							0.9990		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 12:52 Calibration End Date: 01/18/2023 13:56 Calibration ID: 92186

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/16	4F0009516.D
Level 2	IC 460-888675/17	4F0009517.D
Level 3	IC 460-888675/18	4F0009518.D
Level 4	IC 460-888675/19	4F0009519.D
Level 5	IC 460-888675/20	4F0009520.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	529407	3892518	8467015	11304554	18161972	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	746126	5260235	11590725	16301709	25355719	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	1308070	9707902	20354077	29069851	49022696	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	403623	4842631	11929891	17157745	27593308	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Lin	259622	3513030	9420676	14041460	23055453	50.0	500	1000	1500	2500

Curve Type Legend

Ave = Average ISTD
Lin = Linear ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009516.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Jan-2023 12:52:22 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-016
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:56 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:25:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.637	0.000	26589893	100.0	100.0	
2	1.508	1.508	0.000	49176409	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.133	5.134	-0.001	529407	50.0	58.9	
1	5.627	5.627	0.000	746126	50.0	59.5	
1	5.732	5.733	-0.001	1308070	50.0	57.7	
1	6.048	6.049	-0.001	403623	50.0	35.5	
1	6.801	6.801	0.000	259622	50.0	84.3	
		Average of Peak Amounts =				59.2	
2	4.718	4.714	0.004	1165121	50.0	43.0	a
2	4.844	4.840	0.004	1361963	50.0	56.4	M
2	5.053	5.053	0.000	1564753	50.0	64.1	
2	5.243	5.243	0.000	1425525	50.0	62.5	
2	5.422	5.421	0.001	1898874	50.0	6.92	a
		Average of Peak Amounts =				46.6	
						RPD = 23.80	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

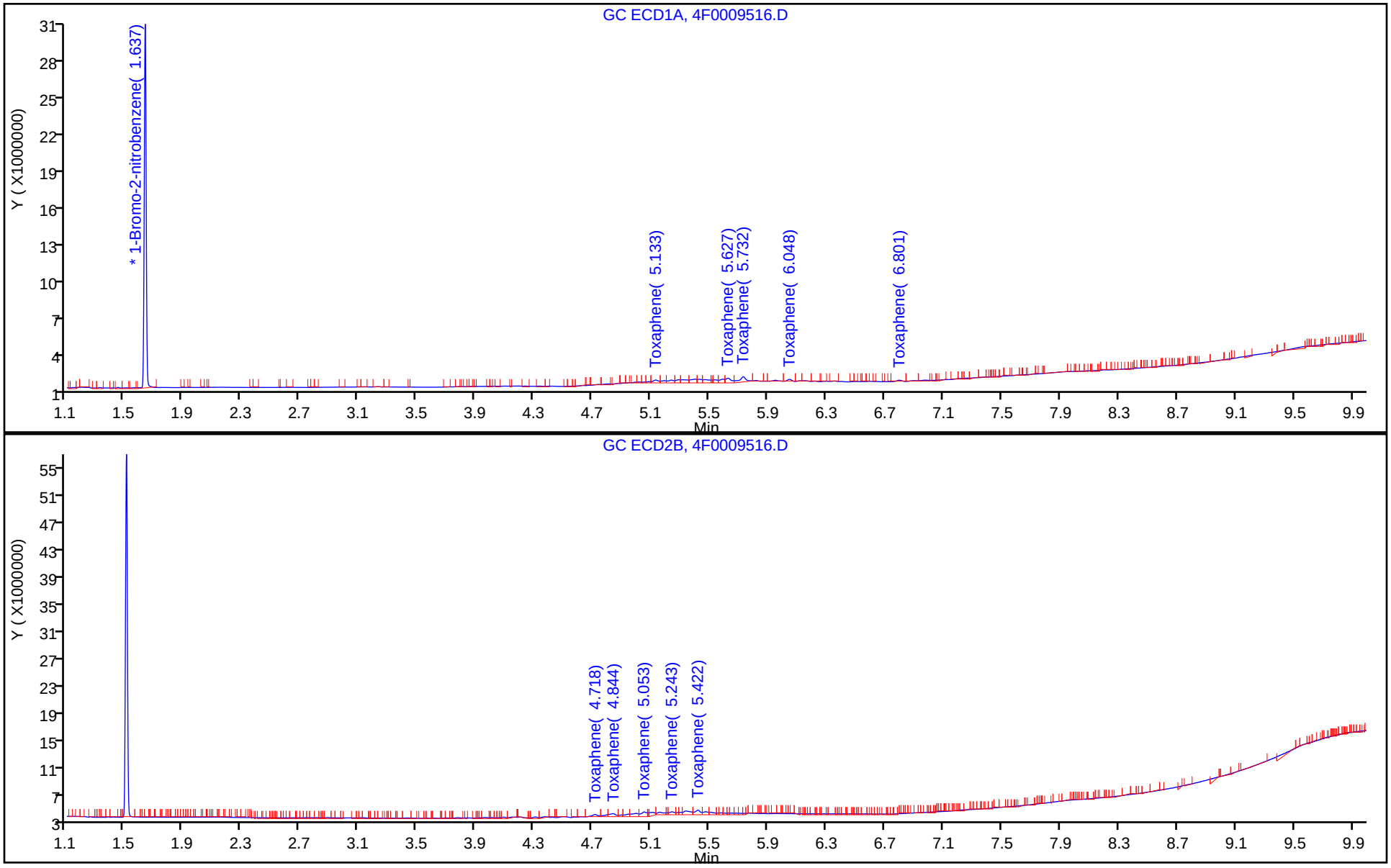
SGTOXAPHENEL1_00011	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:56 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009516.D

Injection Date:	18-Jan-2023 12:52:22	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009517.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Jan-2023 13:08:19 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-017
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:59 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:25:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.637	0.000	22965710	100.0	100.0	
2	1.508	1.508	0.000	43088449	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.134	5.134	0.000	3892518	500.0	501.1	M
1	5.628	5.627	0.001	5260235	500.0	486.0	M
1	5.733	5.733	0.000	9707902	500.0	495.6	M
1	6.049	6.049	0.000	4842631	500.0	493.4	M
1	6.800	6.801	-0.001	3513030	500.0	444.8	M
		Average of Peak Amounts =				484.2	
2	4.715	4.714	0.001	12236533	500.0	515.5	M
2	4.841	4.840	0.001	10411437	500.0	492.3	M
2	5.055	5.053	0.002	10326301	500.0	482.6	M
2	5.243	5.243	0.000	9956919	500.0	498.2	M
2	5.422	5.421	0.001	11224083	500.0	507.7	M
		Average of Peak Amounts =				499.3	
						RPD = 3.07	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

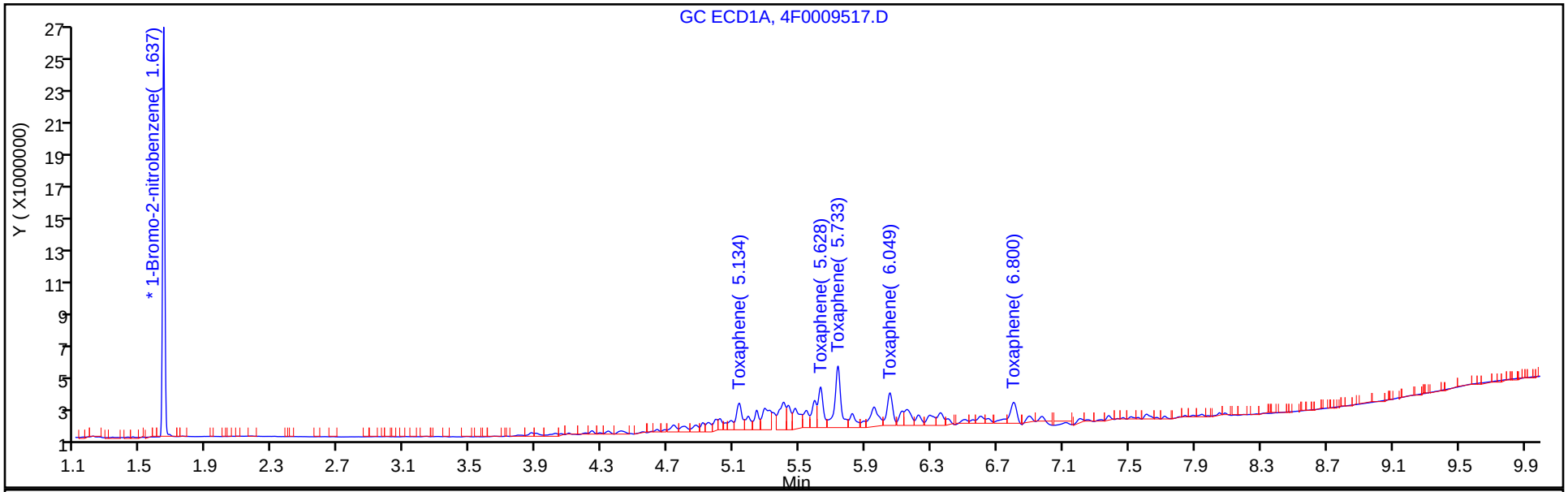
SGTOXAPHENEL3_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

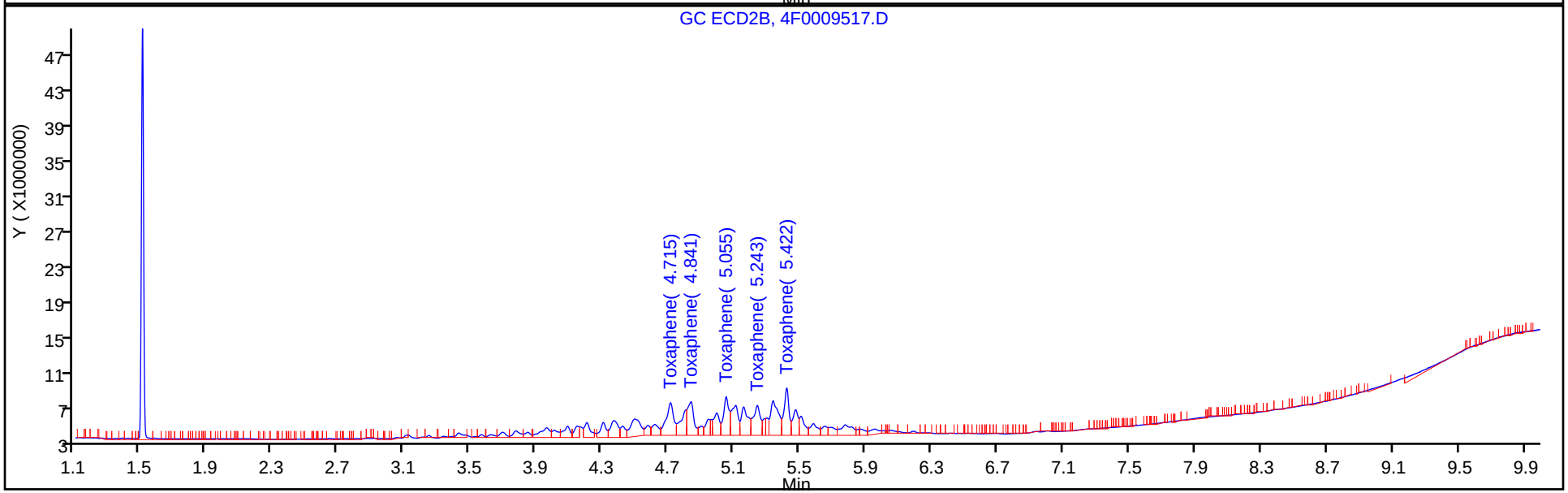
Report Date: 23-Jan-2023 04:56:00 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009517.D

Injection Date:	18-Jan-2023 13:08:19	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009518.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Jan-2023 13:24:16 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: TOX
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:03 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:22:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.636	0.000	24977246	100.0	100.0	
2	1.508	1.508	0.000	46780656	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.134	5.134	0.000	8467015	1000.0	1002.2	M
1	5.627	5.627	0.000	11590725	1000.0	984.7	M
1	5.733	5.733	0.000	20354077	1000.0	955.4	M
1	6.049	6.049	0.000	11929891	1000.0	1117.6	M
1	6.801	6.801	0.000	9420676	1000.0	1009.3	M
		Average of Peak Amounts =				1013.8	
2	4.714	4.714	0.000	26772568	1000.0	1038.9	M
2	4.840	4.840	0.000	22225438	1000.0	968.1	M
2	5.053	5.053	0.000	21888179	1000.0	942.2	M
2	5.243	5.243	0.000	20309655	1000.0	936.0	M
2	5.421	5.421	0.000	22487660	1000.0	1004.8	M
		Average of Peak Amounts =				978.0	
						RPD = 3.60	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

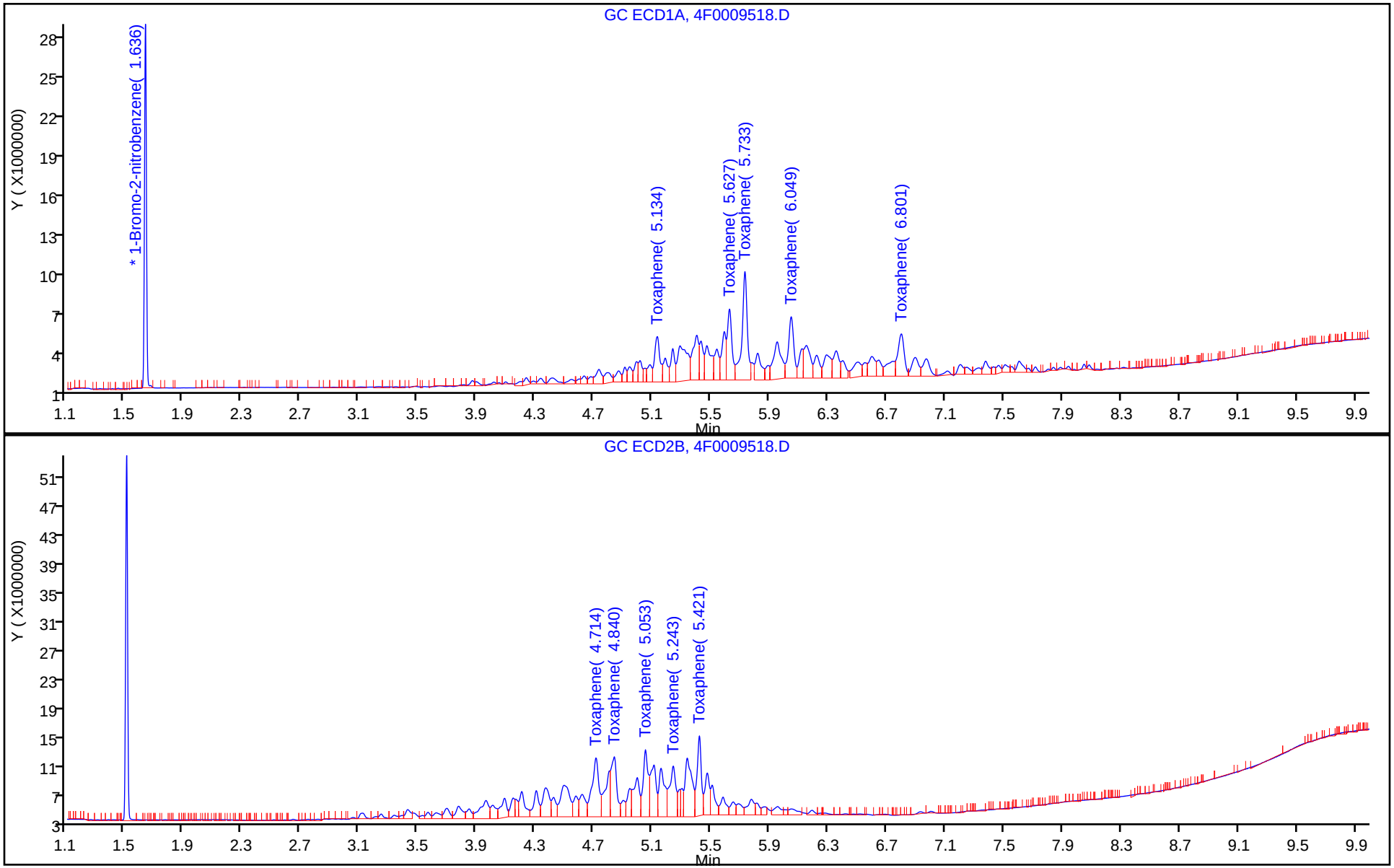
SGTOXAPHENEL4_00011	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:56:03 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009518.D

Injection Date:	18-Jan-2023 13:24:16	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009519.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Jan-2023 13:40:11 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-019
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:07 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: SE1K Date: 18-Jan-2023 14:09:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	24331095	100.0	100.0	
2	1.508	1.508	0.000	45317458	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.133	5.134	-0.001	11304554	1500.0	1373.6	
1	5.627	5.627	0.000	16301709	1500.0	1421.7	
1	5.732	5.733	-0.001	29069851	1500.0	1400.7	
1	6.047	6.049	-0.002	17157745	1500.0	1650.0	
1	6.799	6.801	-0.002	14041460	1500.0	1512.6	M
		Average of Peak Amounts =				1471.7	
2	4.716	4.714	0.002	41007381	1500.0	1642.7	M
2	4.840	4.840	0.000	33397857	1500.0	1501.7	M
2	5.053	5.053	0.000	32250657	1500.0	1433.2	M
2	5.243	5.243	0.000	29856774	1500.0	1420.5	M
2	5.422	5.421	0.001	33388828	1500.0	1582.8	M
		Average of Peak Amounts =				1516.2	
						RPD = 2.97	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

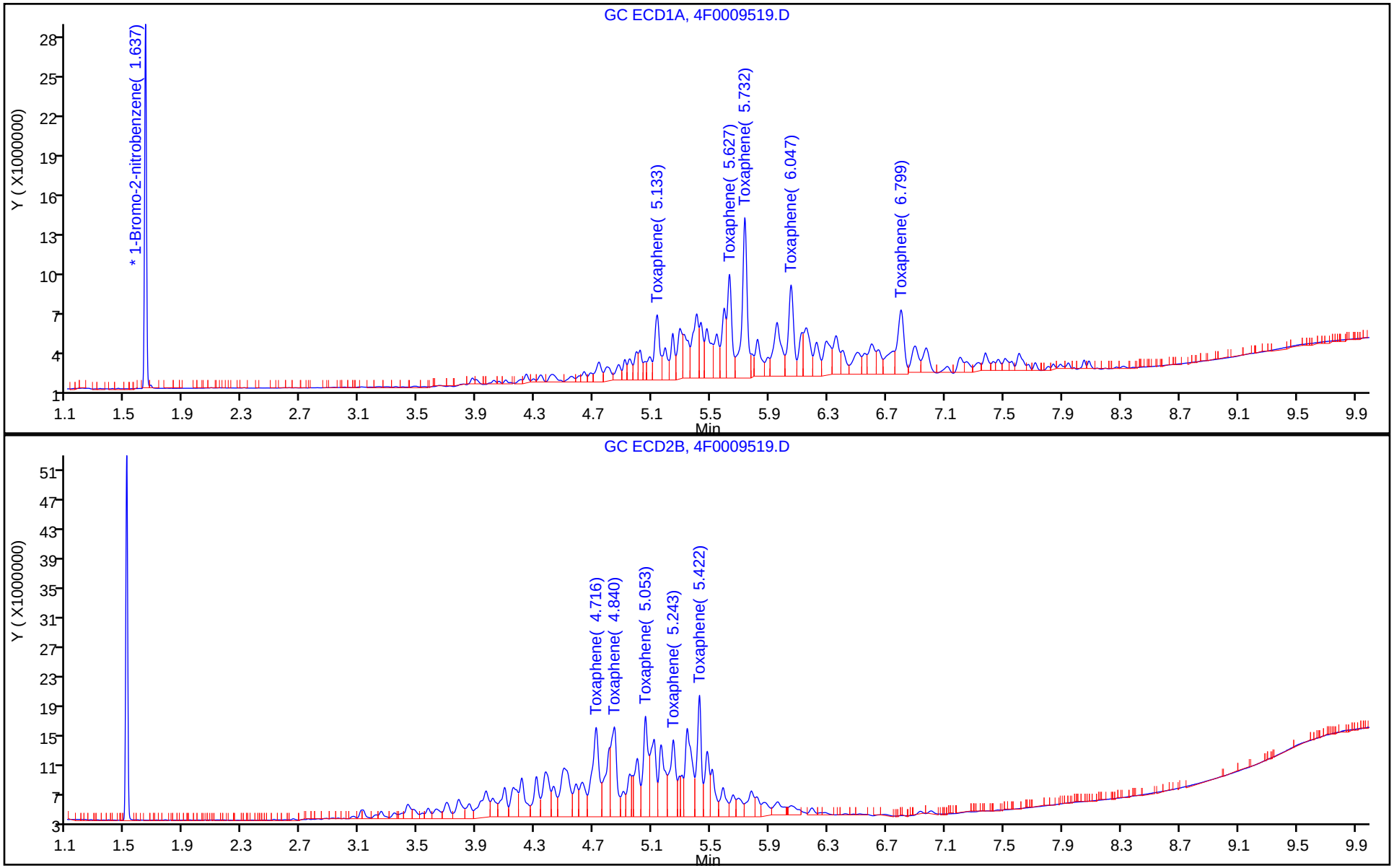
SGTOXAPHENEL5_00010 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2023 04:56:07 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009519.D

Injection Date:	18-Jan-2023 13:40:11	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Jan-2023 13:56:07 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-020
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:23:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	23794729	100.0	100.0	
2	1.508	1.508	0.000	45211606	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.134	5.134	0.000	18161972	2500.0	2256.6	M
1	5.627	5.627	0.000	25355719	2500.0	2261.2	M
1	5.733	5.733	0.000	49022696	2500.0	2415.4	M
1	6.049	6.049	0.000	27593308	2500.0	2713.3	M
1	6.800	6.801	-0.001	23055453	2500.0	2499.1	M
		Average of Peak Amounts =				2429.1	
2	4.716	4.714	0.002	60689067	2500.0	2436.8	M
2	4.841	4.840	0.001	50895290	2500.0	2293.8	M
2	5.053	5.053	0.000	48016778	2500.0	2138.8	M
2	5.243	5.243	0.000	45639518	2500.0	2176.4	M
2	5.421	5.421	0.000	50633768	2500.0	2447.7	M
		Average of Peak Amounts =				2298.7	
						RPD = 5.52	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

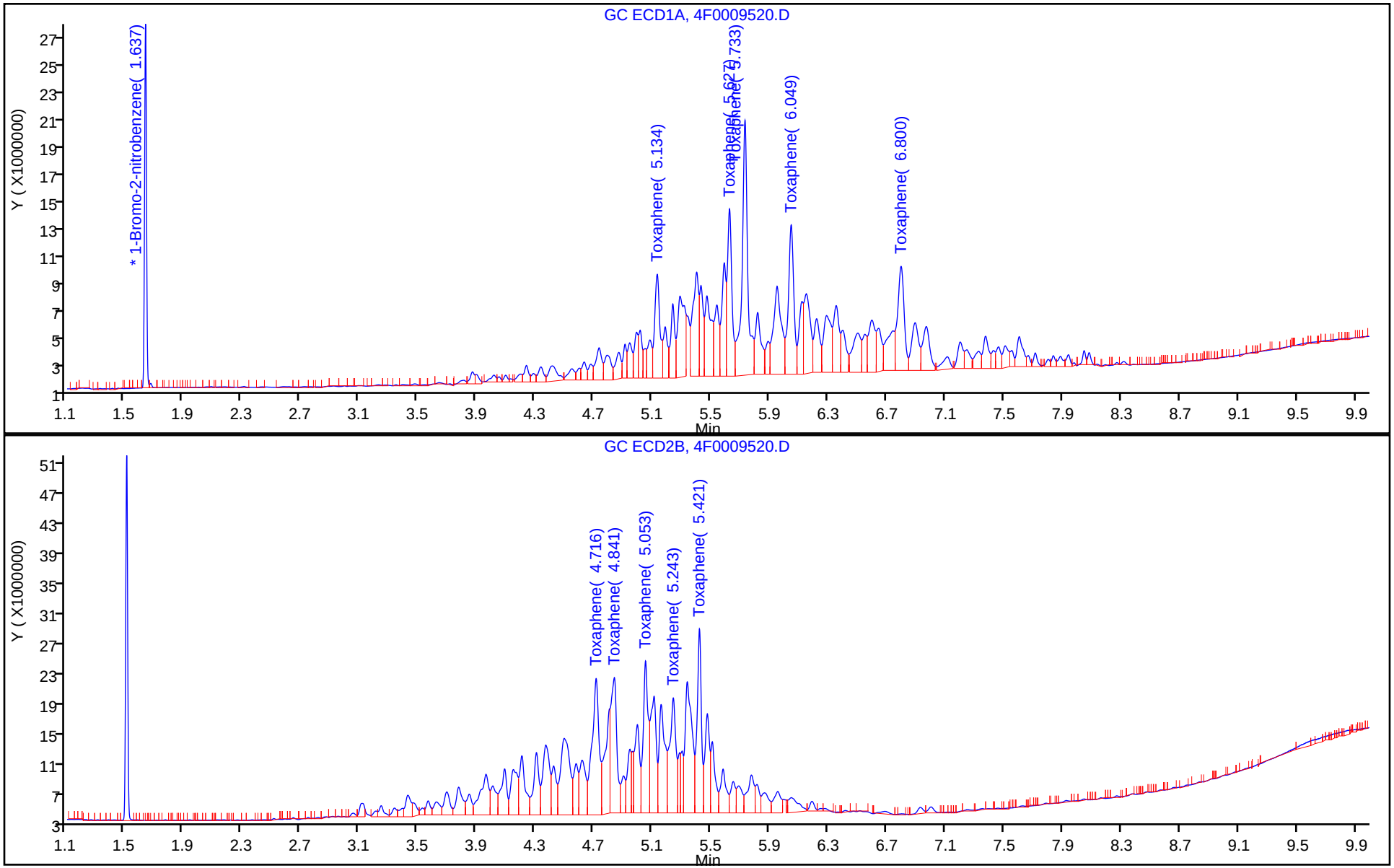
SGTOXAPHENEL6_00010 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2023 04:56:11 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Injection Date:	18-Jan-2023 13:56:07	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 12:52 Calibration End Date: 01/18/2023 13:56 Calibration ID: 92187

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/16	4F0009516.D
Level 2	IC 460-888675/17	4F0009517.D
Level 3	IC 460-888675/18	4F0009518.D
Level 4	IC 460-888675/19	4F0009519.D
Level 5	IC 460-888675/20	4F0009520.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0474	0.0568	0.0572	0.0603	0.0537	Ave		0.0551				8.9		20.0			
Toxaphene Peak 2	0.0554	0.0483	0.0475	0.0491	0.0450	Ave		0.0491				7.8		20.0			
Toxaphene Peak 3	0.0636	0.0479	0.0468	0.0474	0.0425	Ave		0.0497				16.3		20.0			
Toxaphene Peak 4	0.0580	0.0462	0.0434	0.0439	0.0404	Ave		0.0464				14.7		20.0			
Toxaphene Peak 5	0.0772	0.0521	0.0481	0.0491	0.0448	Lin	3.5547	0.0443							0.9970		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 888675

SDG No.:

Instrument ID: CPESTGC4 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/18/2023 12:52 Calibration End Date: 01/18/2023 13:56 Calibration ID: 92187

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-888675/16	4F0009516.D
Level 2	IC 460-888675/17	4F0009517.D
Level 3	IC 460-888675/18	4F0009518.D
Level 4	IC 460-888675/19	4F0009519.D
Level 5	IC 460-888675/20	4F0009520.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	1165121	12236533	26772568	41007381	60689067	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	1361963	10411437	22225438	33397857	50895290	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	1564753	10326301	21888179	32250657	48016778	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	1425525	9956919	20309655	29856774	45639518	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Lin	1898874	11224083	22487660	33388828	50633768	50.0	500	1000	1500	2500

Curve Type Legend

Ave = Average ISTD
Lin = Linear ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009516.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 18-Jan-2023 12:52:22 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-016
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:56 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:25:45

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.637	0.000	26589893	100.0	100.0	
2	1.508	1.508	0.000	49176409	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.133	5.134	-0.001	529407	50.0	58.9	
1	5.627	5.627	0.000	746126	50.0	59.5	
1	5.732	5.733	-0.001	1308070	50.0	57.7	
1	6.048	6.049	-0.001	403623	50.0	35.5	
1	6.801	6.801	0.000	259622	50.0	84.3	
		Average of Peak Amounts =				59.2	
2	4.718	4.714	0.004	1165121	50.0	43.0	a
2	4.844	4.840	0.004	1361963	50.0	56.4	M
2	5.053	5.053	0.000	1564753	50.0	64.1	
2	5.243	5.243	0.000	1425525	50.0	62.5	
2	5.422	5.421	0.001	1898874	50.0	6.92	a
		Average of Peak Amounts =				46.6	
						RPD = 23.80	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

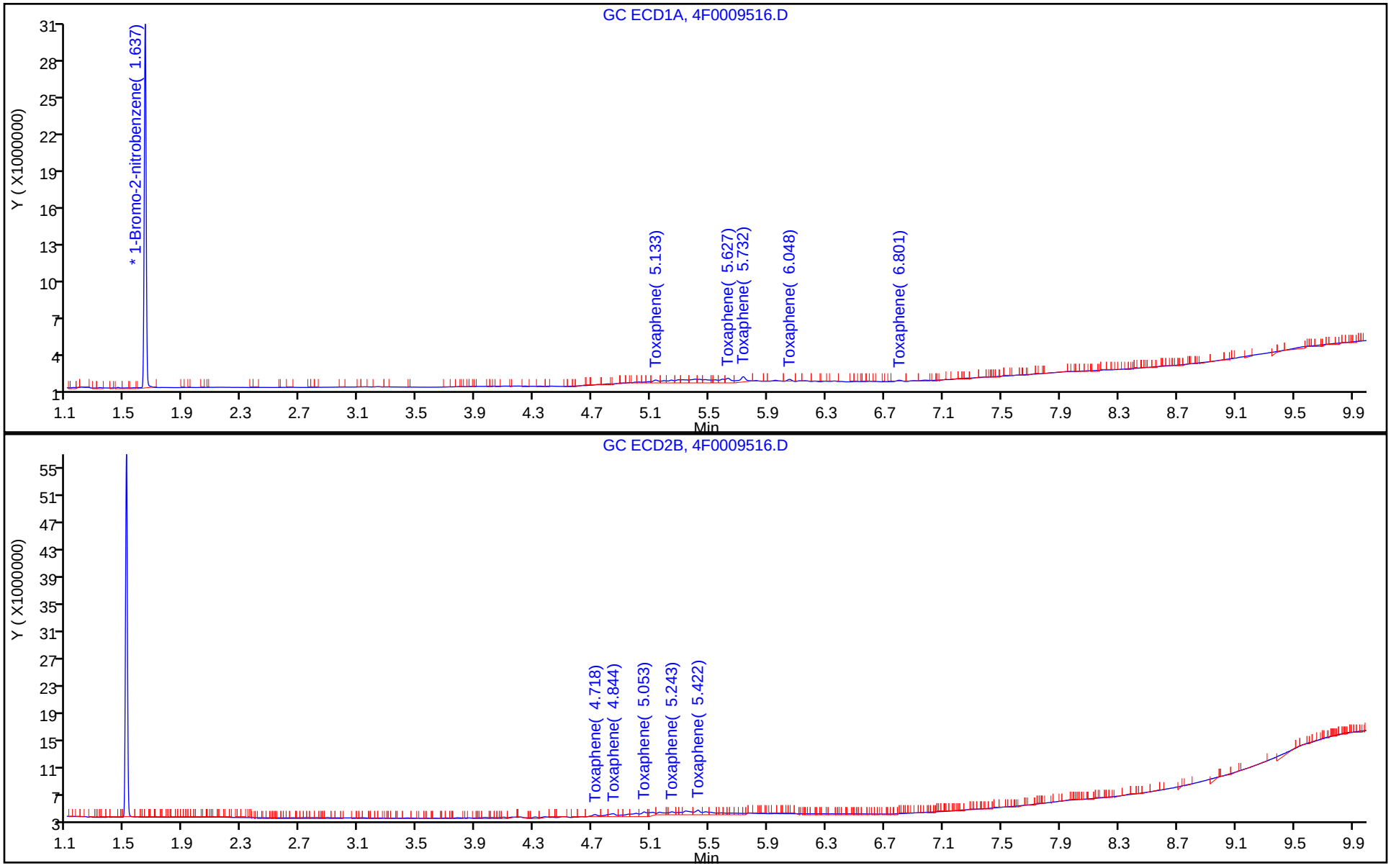
SGTOXAPHENEL1_00011	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:55:56 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009516.D

Injection Date:	18-Jan-2023 12:52:22	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009517.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 18-Jan-2023 13:08:19 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-017
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:55:59 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:25:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.637	0.000	22965710	100.0	100.0	
2	1.508	1.508	0.000	43088449	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.134	5.134	0.000	3892518	500.0	501.1	M
1	5.628	5.627	0.001	5260235	500.0	486.0	M
1	5.733	5.733	0.000	9707902	500.0	495.6	M
1	6.049	6.049	0.000	4842631	500.0	493.4	M
1	6.800	6.801	-0.001	3513030	500.0	444.8	M
		Average of Peak Amounts =				484.2	
2	4.715	4.714	0.001	12236533	500.0	515.5	M
2	4.841	4.840	0.001	10411437	500.0	492.3	M
2	5.055	5.053	0.002	10326301	500.0	482.6	M
2	5.243	5.243	0.000	9956919	500.0	498.2	M
2	5.422	5.421	0.001	11224083	500.0	507.7	M
		Average of Peak Amounts =				499.3	
						RPD = 3.07	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

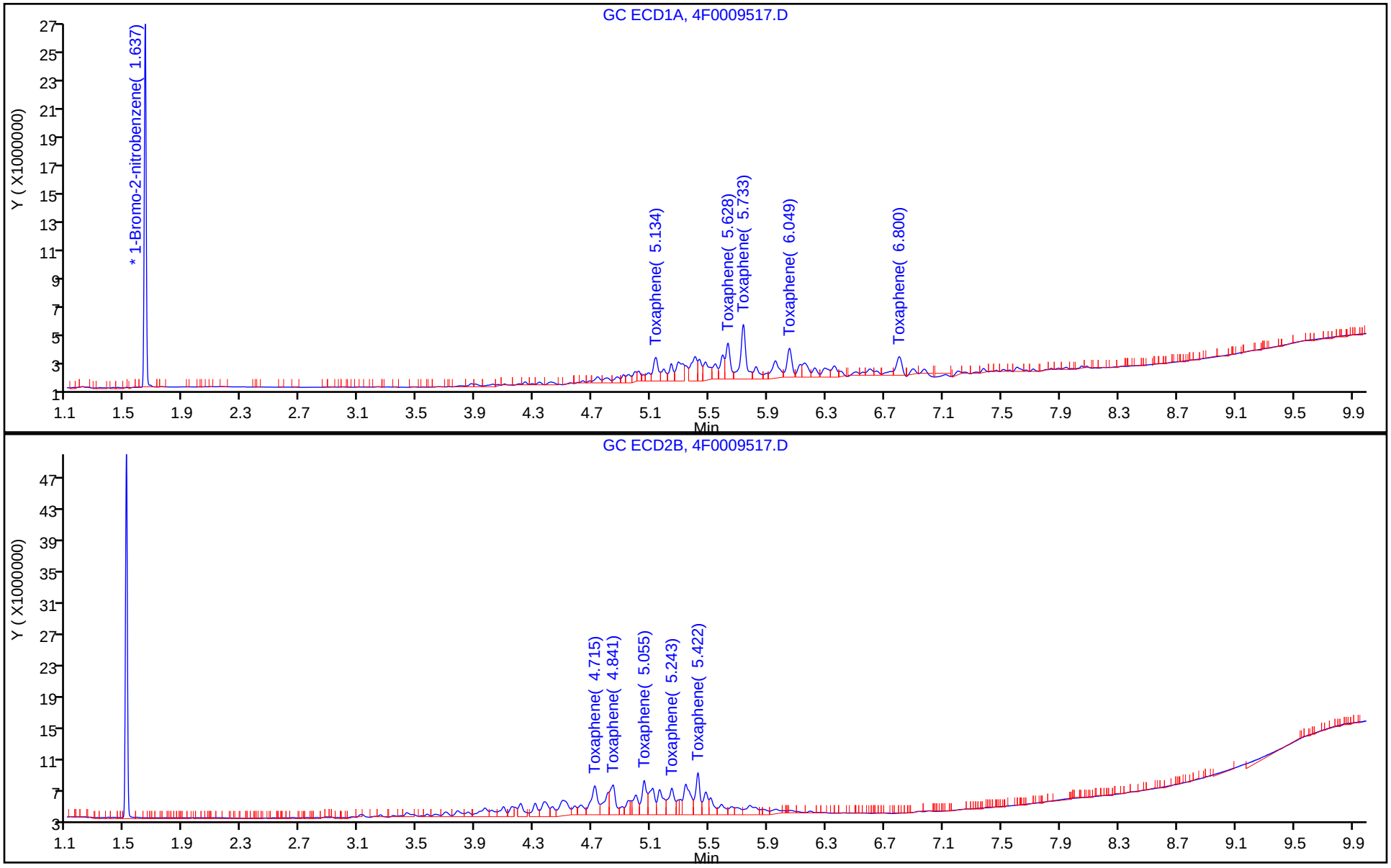
SGTOXAPHENEL3_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:56:00 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009517.D

Injection Date:	18-Jan-2023 13:08:19	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009518.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 18-Jan-2023 13:24:16 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: TOX
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:03 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:22:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.636	0.000	24977246	100.0	100.0	
2	1.508	1.508	0.000	46780656	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.134	5.134	0.000	8467015	1000.0	1002.2	M
1	5.627	5.627	0.000	11590725	1000.0	984.7	M
1	5.733	5.733	0.000	20354077	1000.0	955.4	M
1	6.049	6.049	0.000	11929891	1000.0	1117.6	M
1	6.801	6.801	0.000	9420676	1000.0	1009.3	M
		Average of Peak Amounts =				1013.8	
2	4.714	4.714	0.000	26772568	1000.0	1038.9	M
2	4.840	4.840	0.000	22225438	1000.0	968.1	M
2	5.053	5.053	0.000	21888179	1000.0	942.2	M
2	5.243	5.243	0.000	20309655	1000.0	936.0	M
2	5.421	5.421	0.000	22487660	1000.0	1004.8	M
		Average of Peak Amounts =				978.0	
						RPD = 3.60	

QC Flag Legend

Review Flags
M - Manually Integrated

Reagents:

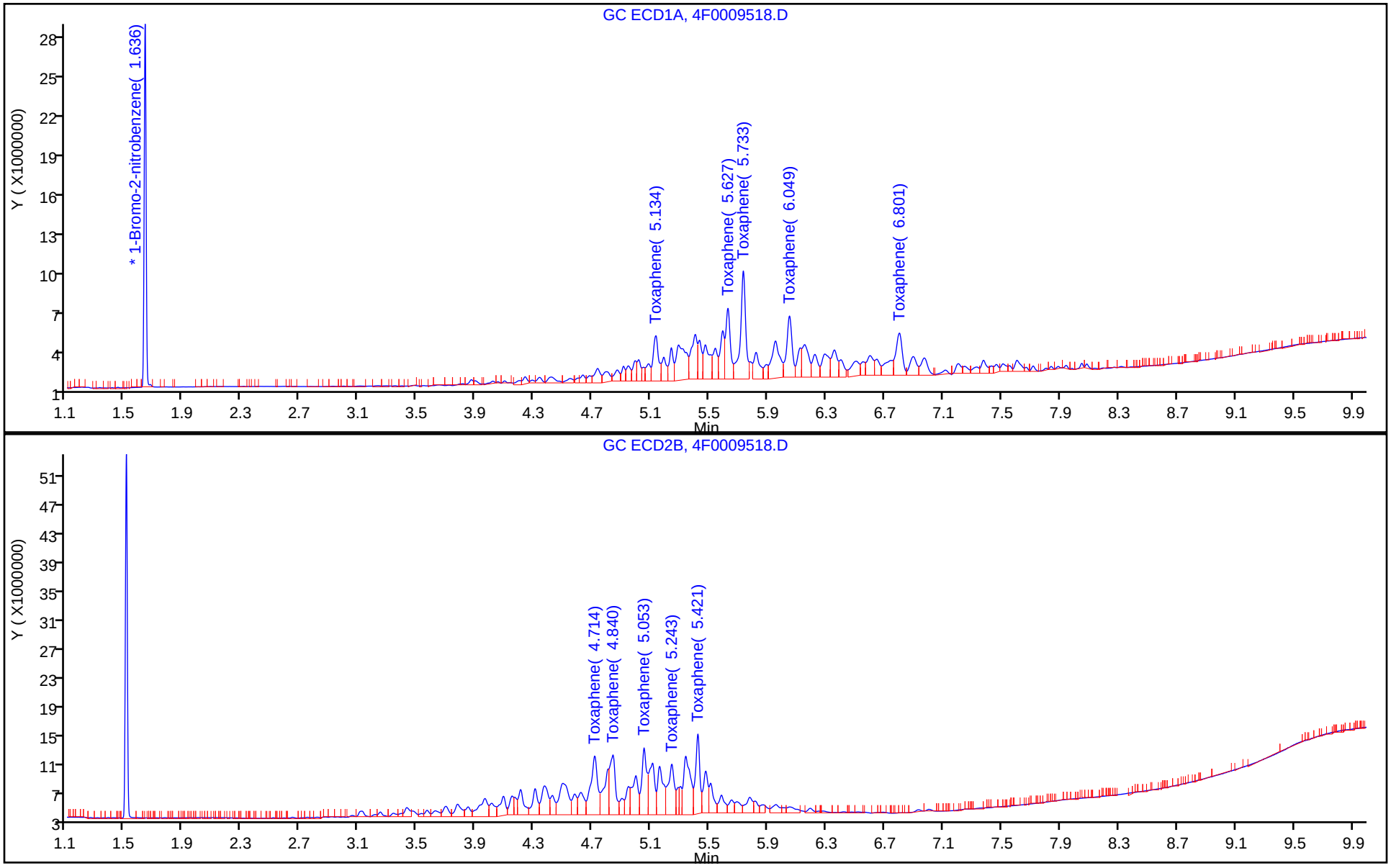
SGTOXAPHENEL4_00011	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:56:04 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009518.D

Injection Date:	18-Jan-2023 13:24:16	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009519.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 18-Jan-2023 13:40:11 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-019
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:07 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: SE1K Date: 18-Jan-2023 14:09:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	24331095	100.0	100.0	
2	1.508	1.508	0.000	45317458	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.133	5.134	-0.001	11304554	1500.0	1373.6	
1	5.627	5.627	0.000	16301709	1500.0	1421.7	
1	5.732	5.733	-0.001	29069851	1500.0	1400.7	
1	6.047	6.049	-0.002	17157745	1500.0	1650.0	
1	6.799	6.801	-0.002	14041460	1500.0	1512.6	M
		Average of Peak Amounts =				1471.7	
2	4.716	4.714	0.002	41007381	1500.0	1642.7	M
2	4.840	4.840	0.000	33397857	1500.0	1501.7	M
2	5.053	5.053	0.000	32250657	1500.0	1433.2	M
2	5.243	5.243	0.000	29856774	1500.0	1420.5	M
2	5.422	5.421	0.001	33388828	1500.0	1582.8	M
		Average of Peak Amounts =				1516.2	
						RPD = 2.97	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

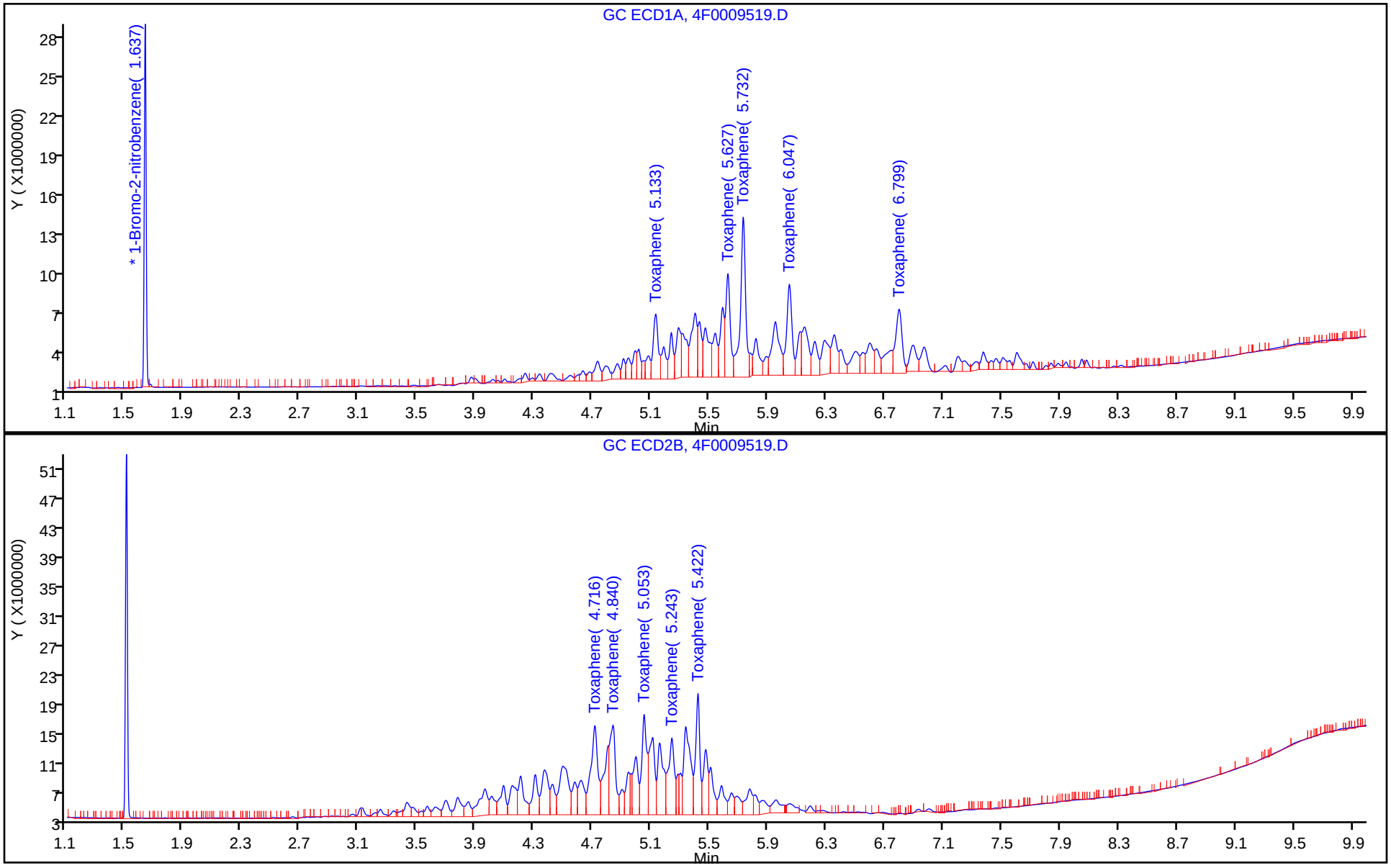
SGTOXAPHENEL5_00010 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2023 04:56:08 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009519.D

Injection Date:	18-Jan-2023 13:40:11	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 18-Jan-2023 13:56:07 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-020
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 03:23:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	23794729	100.0	100.0	
2	1.508	1.508	0.000	45211606	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.134	5.134	0.000	18161972	2500.0	2256.6	M
1	5.627	5.627	0.000	25355719	2500.0	2261.2	M
1	5.733	5.733	0.000	49022696	2500.0	2415.4	M
1	6.049	6.049	0.000	27593308	2500.0	2713.3	M
1	6.800	6.801	-0.001	23055453	2500.0	2499.1	M
		Average of Peak Amounts =				2429.1	
2	4.716	4.714	0.002	60689067	2500.0	2436.8	M
2	4.841	4.840	0.001	50895290	2500.0	2293.8	M
2	5.053	5.053	0.000	48016778	2500.0	2138.8	M
2	5.243	5.243	0.000	45639518	2500.0	2176.4	M
2	5.421	5.421	0.000	50633768	2500.0	2447.7	M
		Average of Peak Amounts =				2298.7	
						RPD = 5.52	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

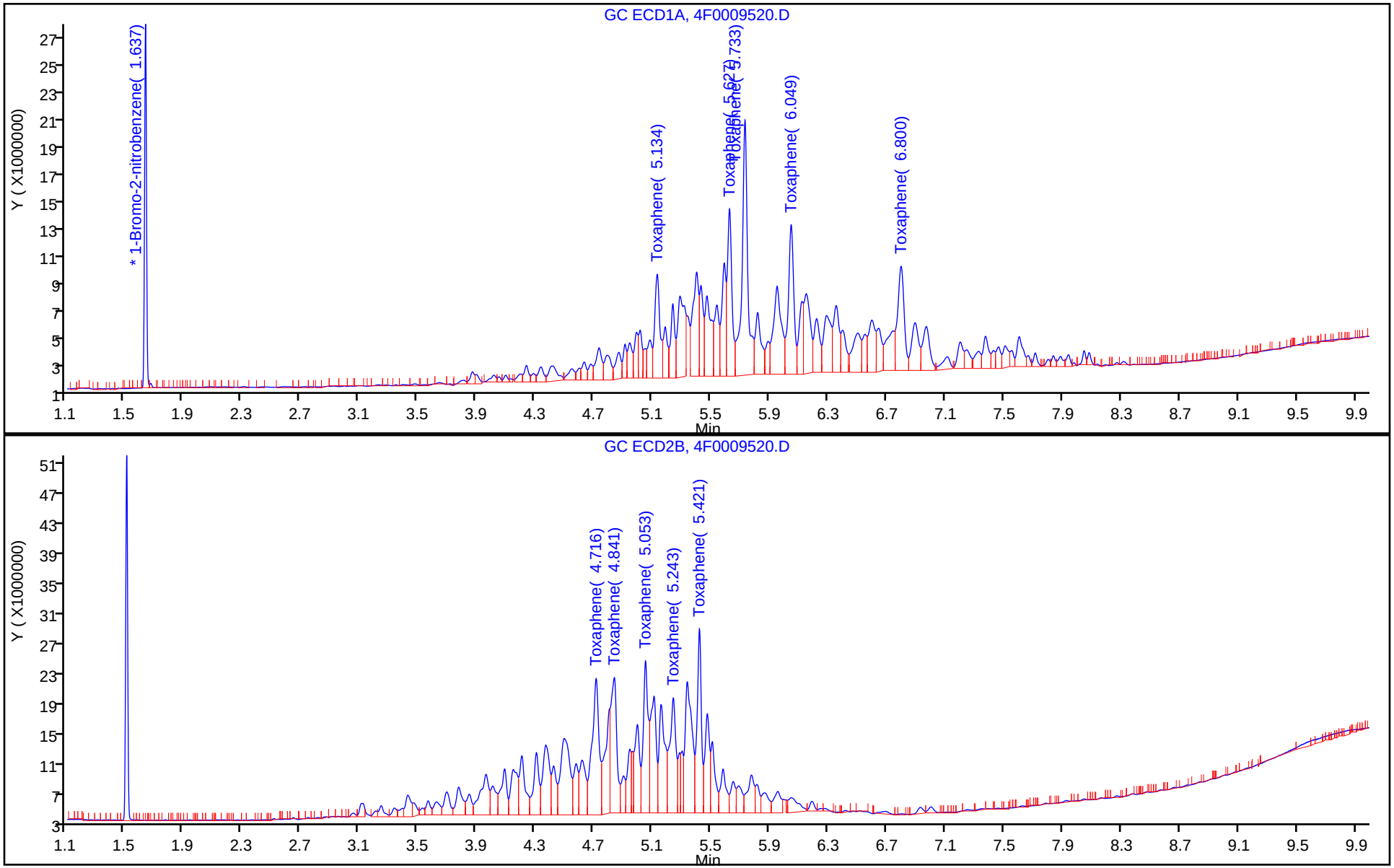
SGTOXAPHENEL6_00010 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 23-Jan-2023 04:56:12 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Injection Date:	18-Jan-2023 13:56:07	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 10:55 Calibration End Date: 04/17/2023 11:47 Calibration ID: 92701

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/4	5F0960931.D
Level 2	IC 460-903463/5	5F0960932.D
Level 3	ICIS 460-903463/3	5F0960930.D
Level 4	IC 460-903463/6	5F0960933.D
Level 5	IC 460-903463/7	5F0960934.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.6062	1.4898	1.3807	1.4793	1.4535	Ave		1.4819				5.5		20.0			
gamma-BHC (Lindane)	1.4373	1.3576	1.2429	1.3373	1.3107	Ave		1.3371				5.3		20.0			
beta-BHC	0.7146	0.6324	0.5517	0.5786	0.5577	Ave		0.6070				11.2		20.0			
delta-BHC	1.4427	1.3845	1.2693	1.3705	1.3469	Ave		1.3628				4.6		20.0			
Heptachlor	1.3754	1.2338	1.1447	1.1839	1.1566	Ave		1.2189				7.7		20.0			
Aldrin	1.7048	1.3550	1.2253	1.3286	1.2934	Ave		1.3814				13.6		20.0			
Heptachlor epoxide	1.2718	1.1643	1.0451	1.1084	1.0757	Ave		1.1331				7.9		20.0			
trans-Chlordane	1.2792	1.1787	1.0628	1.1318	1.1032	Ave		1.1512				7.2		20.0			
cis-Chlordane	1.2670	1.1566	1.0480	1.1072	1.0742	Ave		1.1306				7.6		20.0			
Endosulfan I	1.1820	1.1178	1.0134	1.0752	1.0339	Ave		1.0844				6.2		20.0			
4,4'-DDE	1.2326	1.2524	1.1336	1.2212	1.1936	Ave		1.2067				3.8		20.0			
Dieldrin	1.2888	1.2973	1.1512	1.2281	1.1898	Ave		1.2311				5.1		20.0			
Endrin	1.2233	1.1719	1.0470	1.0837	1.0492	Ave		1.1150				7.1		20.0			
4,4'-DDD	1.0910	1.0758	0.9581	1.0062	1.0048	Ave		1.0272				5.4		20.0			
Endosulfan II	1.2378	1.2041	1.0615	1.0871	0.9995	Ave		1.1180				8.9		20.0			
4,4'-DDT	0.8804	0.8473	0.8620	0.8287	0.8245	Ave		0.8486				2.7		20.0			
Endrin aldehyde	1.1957	0.9027	0.8008	0.8097	0.7776	Ave		0.8973				19.3		20.0			
Endosulfan sulfate	1.2347	1.1870	1.0682	1.0896	1.0515	Ave		1.1262				7.1		20.0			
Methoxychlor	0.5309	0.4589	0.4704	0.4198	0.4099	Ave		0.4580				10.5		20.0			
Mirex	0.9269	0.9227	0.8549	0.8559	0.8114	Ave		0.8744				5.7		20.0			
Endrin ketone	1.2610	1.2067	1.1411	1.1295	1.0995	Ave		1.1676				5.6		20.0			
Tetrachloro-m-xylene	1.2154	1.0526	1.0114	1.0921	1.0385	Ave		1.0820				7.4		20.0			
DCB Decachlorobiphenyl	1.2366	1.1162	1.0371	1.1021	1.0529	Ave		1.1090				7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 10:55 Calibration End Date: 04/17/2023 11:47 Calibration ID: 92701

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/4	5F0960931.D
Level 2	IC 460-903463/5	5F0960932.D
Level 3	ICIS 460-903463/3	5F0960930.D
Level 4	IC 460-903463/6	5F0960933.D
Level 5	IC 460-903463/7	5F0960934.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	647692	12092160	23493964	59758204	119585116	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	579580	11019092	21149194	54018580	107832333	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	288155	5133073	9386904	23373276	45884623	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	581758	11237885	21598595	55361111	110813863	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	554628	10014112	19477772	47822019	95156894	2.50	50.0	100	250	500
Aldrin	BNB	Ave	687459	10997717	20849327	53668349	106410014	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	512854	9450605	17783157	44775004	88495612	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	515841	9567405	18084195	45720230	90763139	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	510905	9387672	17833308	44726382	88373565	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	476624	9072824	17243027	43433134	85061481	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	497032	10164942	19289559	49331710	98199269	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	519718	10530040	19588449	49611076	97888272	2.50	50.0	100	250	500
Endrin	BNB	Ave	493297	9512153	17816055	43778220	86321040	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	439927	8731961	16302933	40644051	82665647	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	499135	9773469	18062655	43913107	82232049	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	355013	6877185	14668358	33474270	67835638	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	482159	7327042	13626219	32708453	63972055	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	497895	9634380	18175367	44013191	86505093	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	214083	3724703	8004866	16959108	33719496	2.50	50.0	100	250	500
Mirex	BNB	Ave	373769	7489504	14547333	34574257	66751282	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	508478	9794103	19417390	45628234	90456911	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	1225314	8543399	17210229	26468569	34175516	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1246663	9060230	17646423	26712787	34648265	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960930.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 17-Apr-2023 10:55:57 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:22 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:03:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	17015714	100.0	100.0	
2	1.609	1.609	0.000	15916517	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.227	2.227	0.000	17210229	100.0	93.5	
2	2.000	2.000	0.000	13160260	100.0	93.3	
						RPD = 0.16	
15 alpha-BHC							
1	2.698	2.698	0.000	23493964	100.0	93.2	
2	2.336	2.336	0.000	18548445	100.0	94.9	
						RPD = 1.79	
2 gamma-BHC (Lindane)							
1	3.024	3.024	0.000	21149194	100.0	93.0	
2	2.554	2.554	0.000	17328604	100.0	95.9	
						RPD = 3.08	
6 beta-BHC							
1	3.086	3.086	0.000	9386904	100.0	90.9	
2	2.605	2.605	0.000	7854243	100.0	96.6	
						RPD = 6.11	
32 delta-BHC							
1	3.418	3.418	0.000	21598595	100.0	93.1	
2	2.748	2.748	0.000	17790472	100.0	96.0	
						RPD = 3.05	
18 Heptachlor							
1	3.509	3.509	0.000	19477772	100.0	93.9	
2	2.934	2.934	0.000	15910765	100.0	95.4	
						RPD = 1.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.901	3.901	0.000	20849327	100.0	88.7	
2	3.208	3.208	0.000	16119408	100.0	94.7	
						RPD = 6.50	
12 Heptachlor epoxide							M
1	4.577	4.577	0.000	17783157	100.0	92.2	M
2	3.834	3.834	0.000	14869467	100.0	94.9	
						RPD = 2.84	
9 trans-Chlordane							M
1	4.797	4.797	0.000	18084195	100.0	92.3	M
2	3.965	3.965	0.000	14650486	100.0	95.4	
						RPD = 3.25	
23 cis-Chlordane							M
1	4.947	4.947	0.000	17833308	100.0	92.7	M
2	4.103	4.103	0.000	14278810	100.0	93.3	
						RPD = 0.70	
7 Endosulfan I							M
1	5.005	5.005	0.000	17243027	100.0	93.4	M
2	4.251	4.251	0.000	13949036	100.0	95.2	
						RPD = 1.82	
25 4,4'-DDE							M
1	5.108	5.108	0.000	19289559	100.0	93.9	M
2	4.181	4.181	0.000	14954172	100.0	94.5	
						RPD = 0.59	
30 Dieldrin							M
1	5.255	5.255	0.000	19588449	100.0	93.5	M
2	4.527	4.527	0.000	15888786	100.0	96.5	
						RPD = 3.12	
20 Endrin							M
1	5.521	5.521	0.000	17816055	100.0	93.9	
2	4.788	4.788	0.000	13261372	100.0	98.5	M
						RPD = 4.83	
16 4,4'-DDD							M
1	5.624	5.624	0.000	16302933	100.0	93.3	
2	4.860	4.860	0.000	12990185	100.0	96.8	M
						RPD = 3.73	
11 Endosulfan II							M
1	5.701	5.701	0.000	18062655	100.0	94.9	
2	4.998	4.998	0.000	13602717	100.0	97.0	M
						RPD = 2.15	
21 4,4'-DDT							M
1	5.909	5.909	0.000	14668358	100.0	101.6	
2	5.121	5.121	0.000	12846277	100.0	99.7	M
						RPD = 1.84	
5 Endrin aldehyde							M
1	6.017	6.017	0.000	13626219	100.0	89.2	
2	5.357	5.357	0.000	10746180	100.0	97.2	M
						RPD = 8.50	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.320	6.320	0.000	18175367	100.0	94.8	
2	5.718	5.718	0.000	13863572	100.0	94.5	M
						RPD = 0.35	
10 Methoxychlor							M
1	6.830	6.830	0.000	8004866	100.0	102.7	
2	5.548	5.548	0.000	7118675	100.0	103.0	M
						RPD = 0.24	
34 Mirex							M
1	6.979	6.979	0.000	14547333	100.0	97.8	M
2	5.623	5.623	0.000	10545104	100.0	95.5	M
						RPD = 2.41	
13 Endrin ketone							M
1	7.074	7.074	0.000	19417390	100.0	97.7	M
2	5.949	5.949	0.000	16287607	100.0	96.9	M
						RPD = 0.89	
$ 24 DCB Decachlorobiphenyl							
1	8.273	8.273	0.000	17646423	100.0	93.5	
2	7.352	7.352	0.000	14335494	100.0	96.3	
						RPD = 2.98	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:22 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960930.D

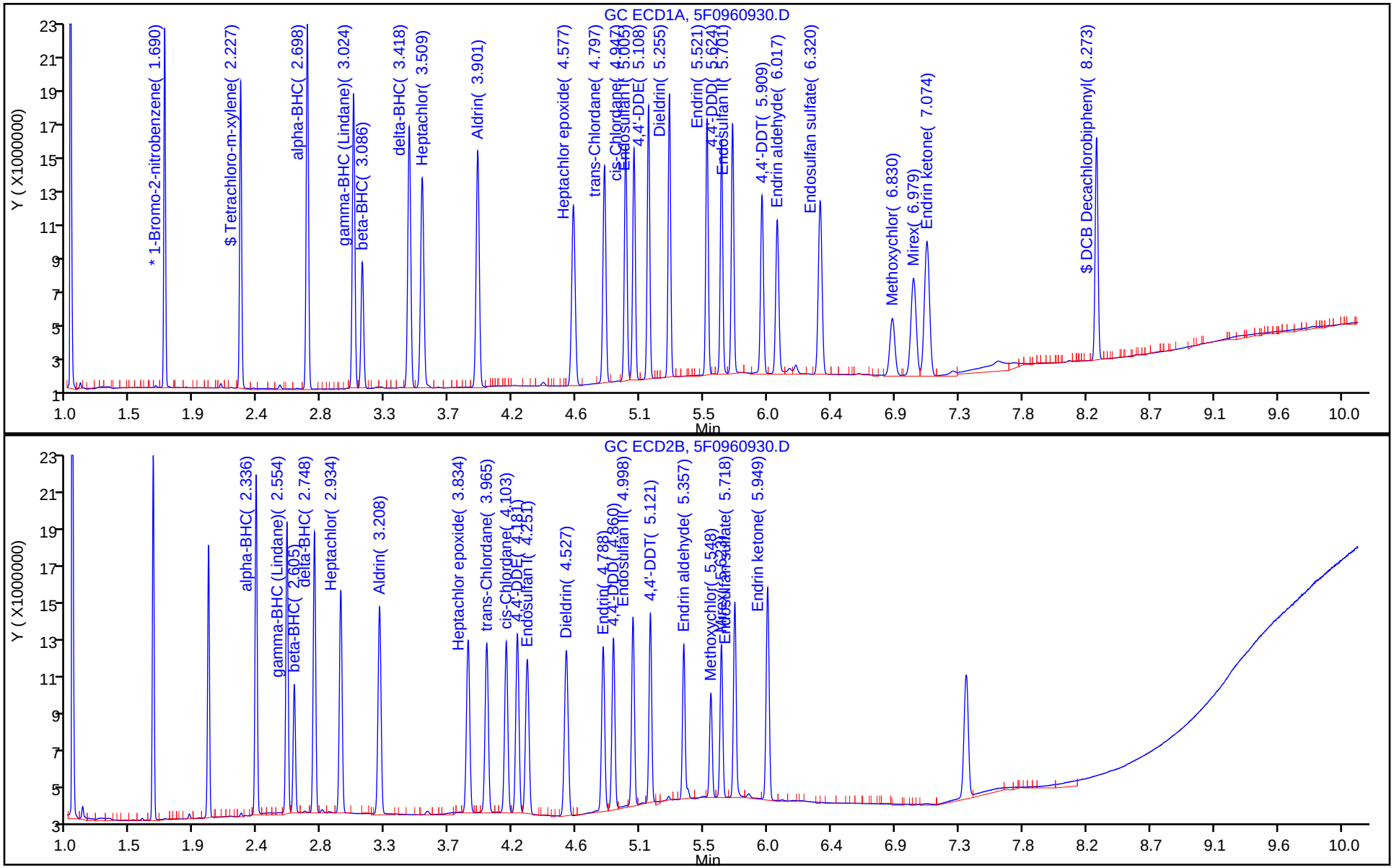
Injection Date: 17-Apr-2023 10:55:57 Instrument ID: CPESTGC5 Operator ID:

Lims ID: ICIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960931.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Apr-2023 11:08:57 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:27 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:08:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.691	1.690	0.001	16129906	100.0	100.0	
2	1.610	1.609	0.001	15790088	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.227	2.227	0.000	1225314	6.25	7.02	
2	2.000	2.000	0.000	1024711	6.25	7.33	M
						RPD = 4.25	
15 alpha-BHC							M
1	2.698	2.698	0.000	647692	2.50	2.71	
2	2.336	2.336	0.000	550695	2.50	2.84	M
						RPD = 4.65	
2 gamma-BHC (Lindane)							M
1	3.024	3.024	0.000	579580	2.50	2.69	
2	2.553	2.554	-0.001	504562	2.50	2.81	M
						RPD = 4.60	
6 beta-BHC							M
1	3.087	3.086	0.001	288155	2.50	2.94	
2	2.606	2.605	0.001	237873	2.50	2.95	M
						RPD = 0.22	
32 delta-BHC							M
1	3.418	3.418	0.000	581758	2.50	2.65	
2	2.748	2.748	0.000	514107	2.50	2.80	M
						RPD = 5.54	
18 Heptachlor							M
1	3.510	3.509	0.001	554628	2.50	2.82	
2	2.933	2.934	-0.001	504877	2.50	3.05	M
						RPD = 7.84	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.902	3.901	0.001	687459	2.50	3.09	
2	3.207	3.208	-0.001	504597	2.50	2.99	M
						RPD = 3.24	
12 Heptachlor epoxide							M
1	4.578	4.577	0.001	512854	2.50	2.81	
2	3.832	3.834	-0.002	487135	2.50	3.13	M
						RPD = 11.03	
9 trans-Chlordane							M
1	4.796	4.797	-0.001	515841	2.50	2.78	M
2	3.963	3.965	-0.002	472066	2.50	3.10	M
						RPD = 10.88	
23 cis-Chlordane							M
1	4.947	4.947	0.000	510905	2.50	2.80	M
2	4.102	4.103	-0.001	498104	2.50	3.28	M
						RPD = 15.81	
7 Endosulfan I							M
1	5.006	5.005	0.001	476624	2.50	2.72	M
2	4.250	4.251	-0.001	439785	2.50	3.02	M
						RPD = 10.42	
25 4,4'-DDE							M
1	5.108	5.108	0.000	497032	2.50	2.55	M
2	4.181	4.181	0.000	479090	2.50	3.05	M
						RPD = 17.78	
30 Dieldrin							M
1	5.255	5.255	0.000	519718	2.50	2.62	M
2	4.527	4.527	0.000	467760	2.50	2.86	
						RPD = 8.97	
20 Endrin							M
1	5.521	5.521	0.000	493297	2.50	2.74	M
2	4.788	4.788	0.000	381802	2.50	2.86	M
						RPD = 4.18	
16 4,4'-DDD							M
1	5.623	5.624	-0.001	439927	2.50	2.66	M
2	4.859	4.860	-0.001	393915	2.50	2.96	M
						RPD = 10.84	
11 Endosulfan II							M
1	5.702	5.701	0.001	499135	2.50	2.77	M
2	4.999	4.998	0.001	431437	2.50	3.10	M
						RPD = 11.37	
21 4,4'-DDT							M
1	5.910	5.909	0.001	355013	2.50	2.59	
2	5.120	5.121	-0.001	380813	2.50	2.98	M
						RPD = 13.87	
5 Endrin aldehyde							M
1	6.018	6.017	0.001	482159	2.50	3.33	M
2	5.356	5.357	-0.001	312934	2.50	2.85	M
						RPD = 15.50	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.320	6.320	0.000	497895	2.50	2.74	
2	5.717	5.718	-0.001	465501	2.50	3.20	M
						RPD = 15.43	
10 Methoxychlor							M
1	6.831	6.830	0.001	214083	2.50	2.90	
2	5.546	5.548	-0.002	196809	2.50	2.87	M
						RPD = 0.99	
34 Mirex							M
1	6.978	6.979	-0.001	373769	2.50	2.65	
2	5.622	5.623	-0.001	351921	2.50	3.21	M
						RPD = 19.14	
13 Endrin ketone							M
1	7.073	7.074	-0.001	508478	2.50	2.70	
2	5.948	5.949	-0.001	502782	2.50	3.01	M
						RPD = 11.00	
$ 24 DCB Decachlorobiphenyl							M
1	8.273	8.273	0.000	1246663	6.25	6.97	
2	7.352	7.352	0.000	1179355	6.25	7.99	M
						RPD = 13.64	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

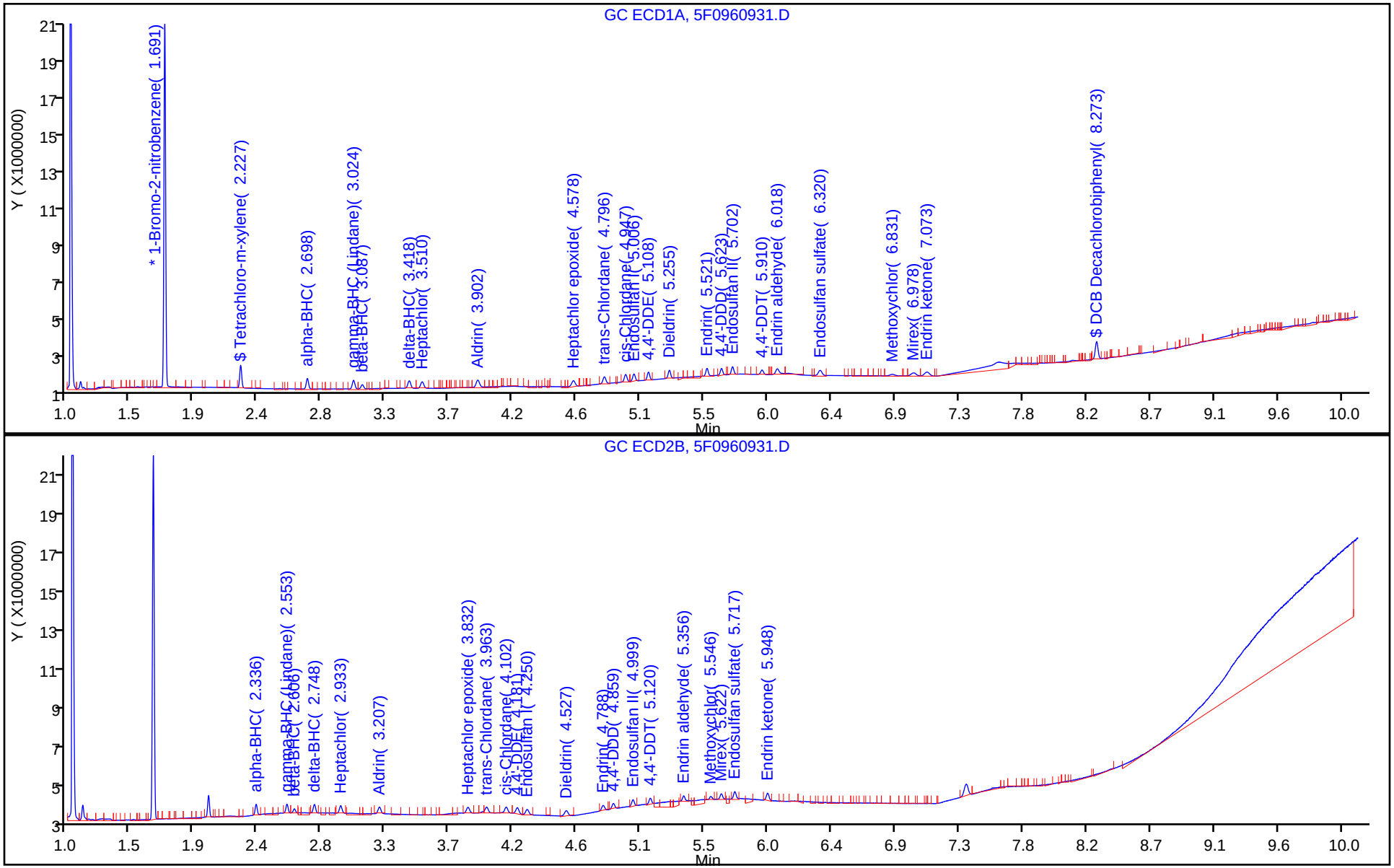
SGPESTL1_00034	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:27 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960931.D

Injection Date:	17-Apr-2023 11:08:57	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960932.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Apr-2023 11:21:52 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:32 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:09:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16233379	100.0	100.0	
2	1.609	1.609	0.000	16020758	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.227	2.227	0.000	8543399	50.0	48.6	
2	2.000	2.000	0.000	7013965	50.0	49.4	M
						RPD = 1.59	
15 alpha-BHC							M
1	2.697	2.698	-0.001	12092160	50.0	50.3	
2	2.336	2.336	0.000	10196854	50.0	51.8	M
						RPD = 3.02	
2 gamma-BHC (Lindane)							M
1	3.024	3.024	0.000	11019092	50.0	50.8	
2	2.554	2.554	0.000	9449091	50.0	51.9	M
						RPD = 2.28	
6 beta-BHC							M
1	3.086	3.086	0.000	5133073	50.0	52.1	
2	2.606	2.605	0.001	4276603	50.0	52.3	M
						RPD = 0.33	
32 delta-BHC							M
1	3.417	3.418	-0.001	11237885	50.0	50.8	
2	2.748	2.748	0.000	9604515	50.0	51.5	M
						RPD = 1.38	
18 Heptachlor							M
1	3.508	3.509	-0.001	10014112	50.0	50.6	
2	2.933	2.934	-0.001	8684679	50.0	51.7	M
						RPD = 2.19	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.902	3.901	0.001	10997717	50.0	49.0	
2	3.207	3.208	-0.001	8993028	50.0	52.5	M
						RPD = 6.75	
12 Heptachlor epoxide							M
1	4.577	4.577	0.000	9450605	50.0	51.4	
2	3.834	3.834	0.000	8171089	50.0	51.8	M
						RPD = 0.83	
9 trans-Chlordane							M
1	4.796	4.797	-0.001	9567405	50.0	51.2	
2	3.964	3.965	-0.001	8090176	50.0	52.3	M
						RPD = 2.18	
23 cis-Chlordane							M
1	4.947	4.947	0.000	9387672	50.0	51.1	
2	4.102	4.103	-0.001	7941315	50.0	51.6	M
						RPD = 0.84	
7 Endosulfan I							M
1	5.005	5.005	0.000	9072824	50.0	51.5	
2	4.252	4.251	0.001	7783988	50.0	52.8	M
						RPD = 2.34	
25 4,4'-DDE							M
1	5.107	5.108	-0.001	10164942	50.0	51.9	
2	4.182	4.181	0.001	8388104	50.0	52.7	M
						RPD = 1.48	
30 Dieldrin							
1	5.255	5.255	0.000	10530040	50.0	52.7	
2	4.527	4.527	0.000	8825721	50.0	53.2	
						RPD = 1.04	
20 Endrin							M
1	5.521	5.521	0.000	9512153	50.0	52.6	
2	4.787	4.788	-0.001	7288494	50.0	53.8	M
						RPD = 2.37	
16 4,4'-DDD							M
1	5.623	5.624	-0.001	8731961	50.0	52.4	
2	4.860	4.860	0.000	7128957	50.0	52.8	M
						RPD = 0.80	
11 Endosulfan II							M
1	5.702	5.701	0.001	9773469	50.0	53.9	
2	4.998	4.998	0.000	7412813	50.0	52.5	M
						RPD = 2.50	
21 4,4'-DDT							M
1	5.910	5.909	0.001	6877185	50.0	49.9	
2	5.120	5.121	-0.001	6741868	50.0	52.0	M
						RPD = 4.08	
5 Endrin aldehyde							M
1	6.017	6.017	0.000	7327042	50.0	50.3	
2	5.357	5.357	0.000	5963589	50.0	53.6	M
						RPD = 6.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.321	6.320	0.001	9634380	50.0	52.7	
2	5.717	5.718	-0.001	7883272	50.0	53.4	M
						RPD = 1.31	
10 Methoxychlor							M
1	6.830	6.830	0.000	3724703	50.0	50.1	
2	5.548	5.548	0.000	3681377	50.0	52.9	M
						RPD = 5.44	
34 Mirex							M
1	6.982	6.979	0.003	7489504	50.0	52.8	
2	5.622	5.623	-0.001	5854727	50.0	52.7	M
						RPD = 0.22	
13 Endrin ketone							M
1	7.076	7.074	0.002	9794103	50.0	51.7	
2	5.950	5.949	0.001	9026268	50.0	53.3	M
						RPD = 3.16	
$ 24 DCB Decachlorobiphenyl							M
1	8.272	8.273	-0.001	9060230	50.0	50.3	
2	7.352	7.352	0.000	7438142	50.0	49.7	M
						RPD = 1.33	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL2_00045	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:32 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960932.D

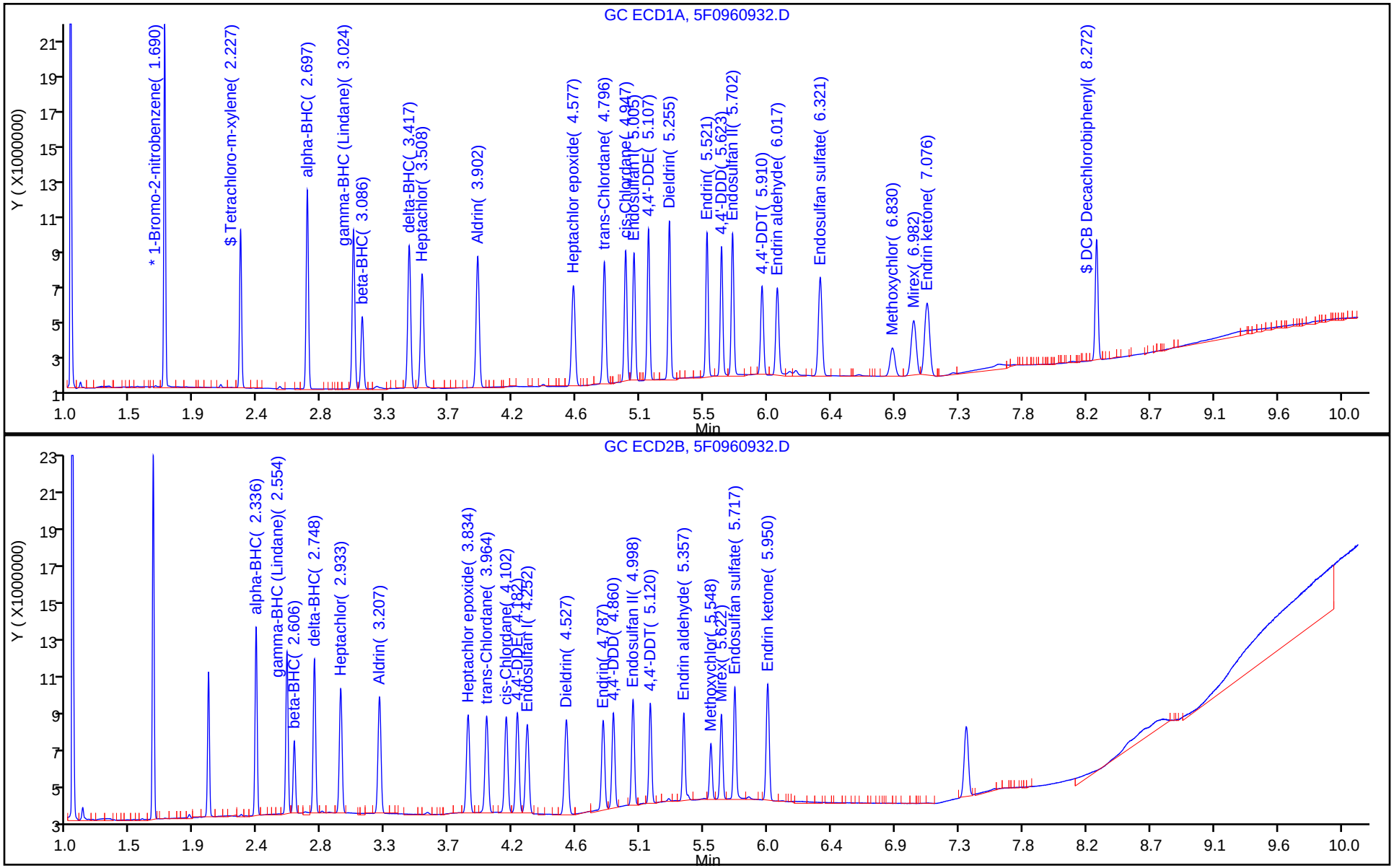
Injection Date: 17-Apr-2023 11:21:52 Instrument ID: CPESTGC5 Operator ID:

Lims ID: IC Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960933.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Apr-2023 11:34:47 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-006
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:36 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:10:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16158102	100.0	100.0	
2	1.610	1.609	0.001	15638723	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.227	2.227	0.000	26468569	150.0	151.4	
2	2.000	2.000	0.000	20389704	150.0	147.2	
						RPD = 2.83	
15 alpha-BHC							
1	2.698	2.698	0.000	59758204	250.0	249.6	
2	2.337	2.336	0.001	46055640	250.0	239.7	
						RPD = 4.03	
2 gamma-BHC (Lindane)							M
1	3.025	3.024	0.001	54018580	250.0	250.0	M
2	2.555	2.554	0.001	42446327	250.0	239.0	
						RPD = 4.51	
6 beta-BHC							M
1	3.086	3.086	0.000	23373276	250.0	238.3	M
2	2.606	2.605	0.001	18495168	250.0	231.6	
						RPD = 2.88	
32 delta-BHC							
1	3.418	3.418	0.000	55361111	250.0	251.4	
2	2.748	2.748	0.000	43749890	250.0	240.3	
						RPD = 4.50	
18 Heptachlor							
1	3.510	3.509	0.001	47822019	250.0	242.8	
2	2.935	2.934	0.001	37679336	250.0	229.9	
						RPD = 5.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.902	3.901	0.001	53668349	250.0	240.4	
2	3.209	3.208	0.001	38754764	250.0	231.6	
						RPD = 3.73	
12 Heptachlor epoxide							
1	4.577	4.577	0.000	44775004	250.0	244.6	
2	3.833	3.834	-0.001	34787831	250.0	226.0	
						RPD = 7.91	
9 trans-Chlordane							
1	4.796	4.797	-0.001	45720230	250.0	245.8	
2	3.965	3.965	0.000	34046726	250.0	225.6	
						RPD = 8.58	
23 cis-Chlordane							M
1	4.946	4.947	-0.001	44726382	250.0	244.8	M
2	4.103	4.103	0.000	33110504	250.0	220.3	
						RPD = 10.54	
7 Endosulfan I							M
1	5.005	5.005	0.000	43433134	250.0	247.9	M
2	4.251	4.251	0.000	32943683	250.0	228.7	
						RPD = 8.02	
25 4,4'-DDE							
1	5.107	5.108	-0.001	49331710	250.0	253.0	
2	4.182	4.181	0.001	35299451	250.0	227.0	
						RPD = 10.82	
30 Dieldrin							
1	5.255	5.255	0.000	49611076	250.0	249.4	
2	4.528	4.527	0.001	37724364	250.0	233.1	
						RPD = 6.74	
20 Endrin							
1	5.521	5.521	0.000	43778220	250.0	243.0	
2	4.788	4.788	0.000	30179819	250.0	228.3	
						RPD = 6.25	
16 4,4'-DDD							
1	5.624	5.624	0.000	40644051	250.0	244.9	
2	4.860	4.860	0.000	30133714	250.0	228.6	
						RPD = 6.89	
11 Endosulfan II							M
1	5.702	5.701	0.001	43913107	250.0	243.1	
2	4.999	4.998	0.001	31430331	250.0	228.1	M
						RPD = 6.35	
21 4,4'-DDT							M
1	5.910	5.909	0.001	33474270	250.0	244.1	
2	5.120	5.121	-0.001	28574843	250.0	225.8	M
						RPD = 7.80	
5 Endrin aldehyde							M
1	6.018	6.017	0.001	32708453	250.0	225.6	
2	5.357	5.357	0.000	25159189	250.0	231.5	M
						RPD = 2.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.321	6.320	0.001	44013191	250.0	241.9	
2	5.718	5.718	0.000	31698050	250.0	219.9	M
						RPD = 9.49	
10 Methoxychlor							M
1	6.830	6.830	0.000	16959108	250.0	229.2	
2	5.549	5.548	0.001	15436281	250.0	227.2	M
						RPD = 0.85	
34 Mirex							M
1	6.980	6.979	0.001	34574257	250.0	244.7	M
2	5.623	5.623	0.000	24035707	250.0	221.4	M
						RPD = 9.99	
13 Endrin ketone							M
1	7.076	7.074	0.002	45628234	250.0	241.9	M
2	5.950	5.949	0.001	37233178	250.0	225.4	M
						RPD = 7.06	
$ 24 DCB Decachlorobiphenyl							
1	8.273	8.273	0.000	26712787	150.0	149.1	
2	7.353	7.352	0.001	19775424	150.0	135.3	
						RPD = 9.71	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL4_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:37 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960933.D

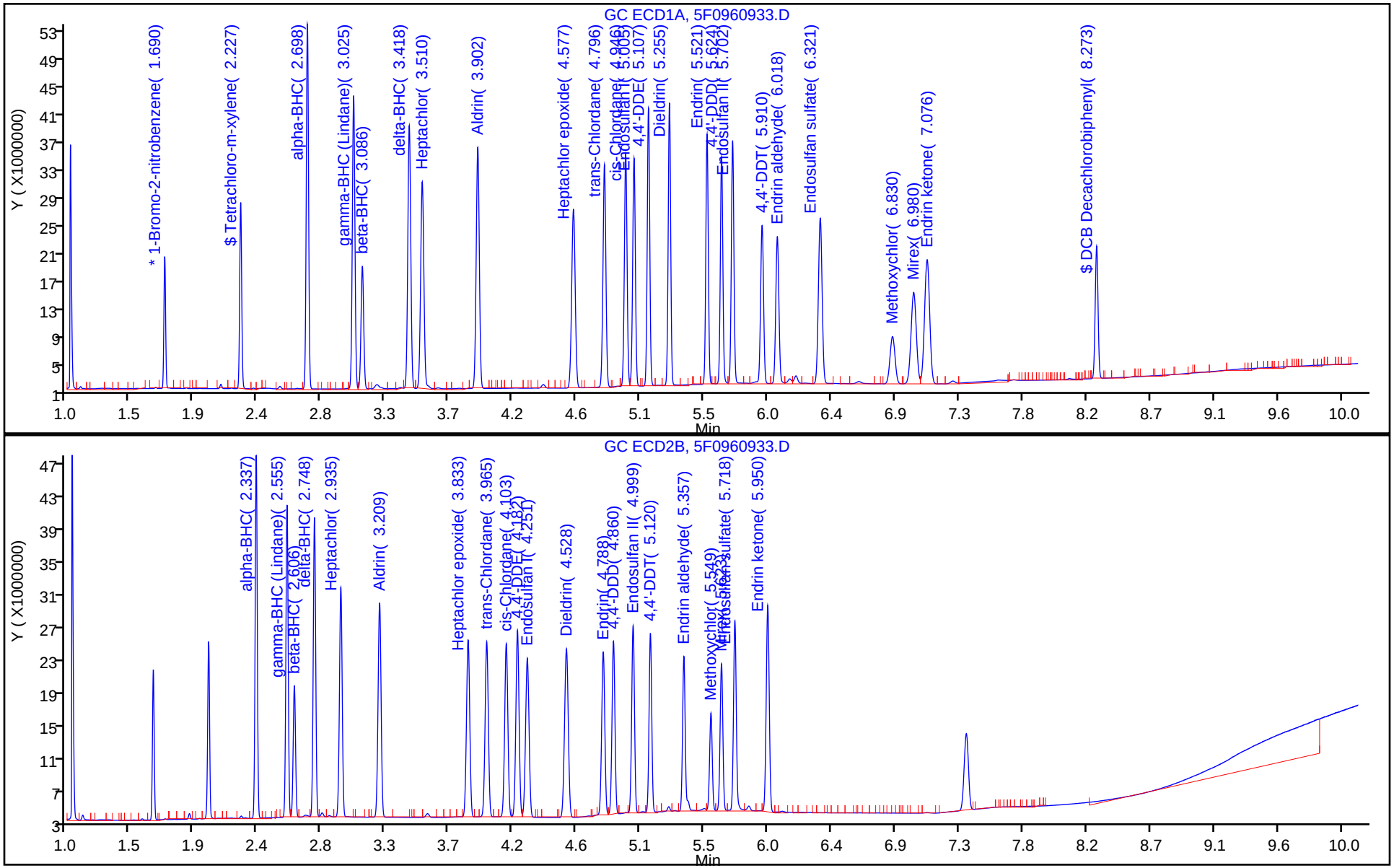
Injection Date: 17-Apr-2023 11:34:47 Instrument ID: CPESTGC5 Operator ID:

Lims ID: IC Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960934.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Apr-2023 11:47:42 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-007
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:40 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:11:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16454341	100.0	100.0	
2	1.610	1.609	0.001	15760537	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.227	2.227	0.000	34175516	200.0	192.0	
2	2.001	2.000	0.001	25831548	200.0	185.0	
						RPD = 3.69	
15 alpha-BHC							
1	2.698	2.698	0.000	119585116	500.0	490.4	
2	2.338	2.336	0.002	89170345	500.0	460.5	
						RPD = 6.29	
2 gamma-BHC (Lindane)							M
1	3.025	3.024	0.001	107832333	500.0	490.1	M
2	2.555	2.554	0.001	82450019	500.0	460.6	
						RPD = 6.20	
6 beta-BHC							M
1	3.087	3.086	0.001	45884623	500.0	459.4	M
2	2.607	2.605	0.002	35520902	500.0	441.3	
						RPD = 4.03	
32 delta-BHC							
1	3.418	3.418	0.000	110813863	500.0	494.2	
2	2.748	2.748	0.000	85236571	500.0	464.6	
						RPD = 6.16	
18 Heptachlor							
1	3.510	3.509	0.001	95156894	500.0	474.5	
2	2.934	2.934	0.000	71955592	500.0	435.7	
						RPD = 8.52	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.903	3.901	0.002	106410014	500.0	468.1	
2	3.208	3.208	0.000	74426189	500.0	441.4	
						RPD = 5.88	
12 Heptachlor epoxide							
1	4.578	4.577	0.001	88495612	500.0	474.7	
2	3.834	3.834	0.000	66518076	500.0	428.7	
						RPD = 10.17	
9 trans-Chlordane							
1	4.797	4.797	0.000	90763139	500.0	479.2	
2	3.966	3.965	0.001	65270822	500.0	429.1	
						RPD = 11.02	
23 cis-Chlordane							M
1	4.947	4.947	0.000	88373565	500.0	475.0	M
2	4.103	4.103	0.000	63668783	500.0	420.4	M
						RPD = 12.21	
7 Endosulfan I							M
1	5.006	5.005	0.001	85061481	500.0	476.7	M
2	4.253	4.251	0.002	63019527	500.0	434.2	M
						RPD = 9.33	
25 4,4'-DDE							M
1	5.108	5.108	0.000	98199269	500.0	494.6	
2	4.183	4.181	0.002	68368620	500.0	436.3	M
						RPD = 12.51	
30 Dieldrin							
1	5.256	5.255	0.001	97888272	500.0	483.2	
2	4.528	4.527	0.001	72782537	500.0	446.3	
						RPD = 7.95	
20 Endrin							M
1	5.522	5.521	0.001	86321040	500.0	470.5	M
2	4.788	4.788	0.000	58723449	500.0	440.7	M
						RPD = 6.54	
16 4,4'-DDD							M
1	5.623	5.624	-0.001	82665647	500.0	489.1	M
2	4.861	4.860	0.001	58318581	500.0	439.0	M
						RPD = 10.81	
11 Endosulfan II							M
1	5.702	5.701	0.001	82232049	500.0	447.0	M
2	4.999	4.998	0.001	57363205	500.0	413.1	M
						RPD = 7.87	
21 4,4'-DDT							M
1	5.910	5.909	0.001	67835638	500.0	485.8	
2	5.121	5.121	0.000	55300104	500.0	433.6	M
						RPD = 11.36	
5 Endrin aldehyde							M
1	6.018	6.017	0.001	63972055	500.0	433.3	
2	5.358	5.357	0.001	48732559	500.0	445.0	M
						RPD = 2.67	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.321	6.320	0.001	86505093	500.0	466.8	
2	5.718	5.718	0.000	60089932	500.0	413.7	M
						RPD = 12.06	
10 Methoxychlor							M
1	6.832	6.830	0.002	33719496	500.0	447.5	
2	5.548	5.548	0.000	29285533	500.0	427.8	M
						RPD = 4.50	
34 Mirex							M
1	6.983	6.979	0.004	66751282	500.0	464.0	M
2	5.623	5.623	0.000	44971574	500.0	411.1	M
						RPD = 12.08	
13 Endrin ketone							M
1	7.076	7.074	0.002	90456911	500.0	470.8	M
2	5.950	5.949	0.001	71374803	500.0	428.7	M
						RPD = 9.37	
$ 24 DCB Decachlorobiphenyl							
1	8.273	8.273	0.000	34648265	200.0	189.9	
2	7.353	7.352	0.001	25434018	200.0	172.6	
						RPD = 9.52	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

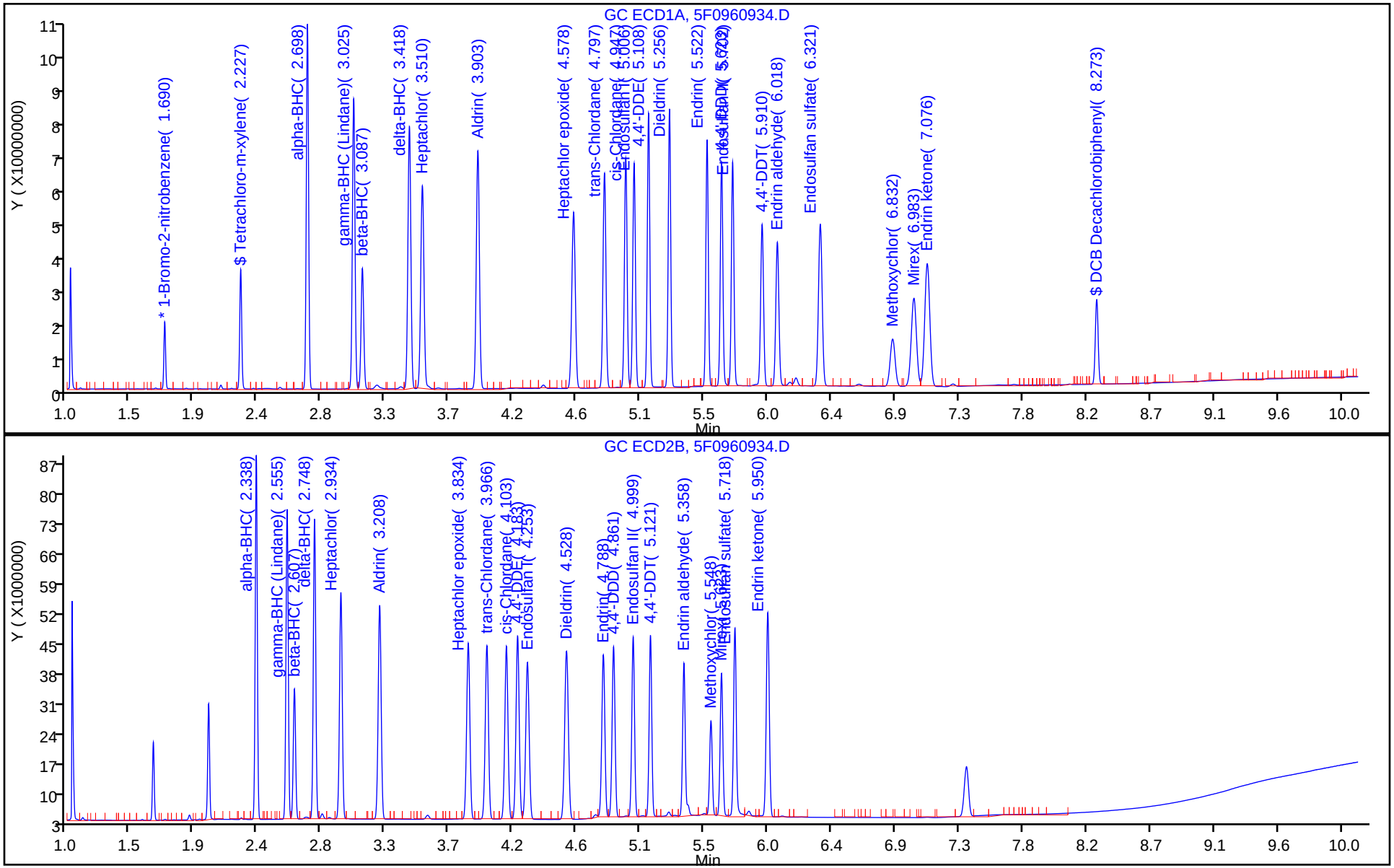
SGPESTL5_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:41 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960934.D

Injection Date:	17-Apr-2023 11:47:42	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 10:55 Calibration End Date: 04/17/2023 11:47 Calibration ID: 92702

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/4	5F0960931.D
Level 2	IC 460-903463/5	5F0960932.D
Level 3	ICIS 460-903463/3	5F0960930.D
Level 4	IC 460-903463/6	5F0960933.D
Level 5	IC 460-903463/7	5F0960934.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
alpha-BHC	1.3950	1.2730	1.1654	1.1780	1.1316	Ave		1.2286				8.7		20.0			
gamma-BHC (Lindane)	1.2782	1.1796	1.0887	1.0857	1.0463	Ave		1.1357				8.2		20.0			
beta-BHC	0.6026	0.5339	0.4935	0.4731	0.4508	Ave		0.5108				11.7		20.0			
delta-BHC	1.3024	1.1990	1.1177	1.1190	1.0816	Ave		1.1640				7.6		20.0			
Heptachlor	1.2790	1.0842	0.9996	0.9637	0.9131	Ave		1.0479				13.7		20.0			
Aldrin	1.2783	1.1227	1.0127	0.9913	0.9445	Ave		1.0699				12.5		20.0			
Heptachlor epoxide	1.2340	1.0201	0.9342	0.8898	0.8441	Ave		0.9844				15.6		20.0			
trans-Chlordane	1.1959	1.0100	0.9205	0.8708	0.8283	Ave		0.9651				15.1		20.0			
cis-Chlordane	1.2618	0.9914	0.8971	0.8469	0.8080	Ave		0.9610				18.9		20.0			
4,4'-DDE	1.2136	1.0472	0.9395	0.9029	0.8676	Ave		0.9942				14.1		20.0			
Endosulfan I	1.1141	0.9717	0.8764	0.8426	0.7997	Ave		0.9209				13.6		20.0			
Dieldrin	1.1849	1.1018	0.9983	0.9649	0.9236	Ave		1.0347				10.3		20.0			
Endrin	0.9672	0.9099	0.8332	0.7719	0.7452	Ave		0.8455				11.0		20.0			
4,4'-DDD	0.9979	0.8900	0.8161	0.7707	0.7401	Ave		0.8430				12.3		20.0			
Endosulfan II	1.0929	0.9254	0.8546	0.8039	0.7279	Ave		0.8810				15.7		20.0			
4,4'-DDT	0.9647	0.8416	0.8071	0.7309	0.7018	Ave		0.8092				12.8		20.0			
Endrin aldehyde	0.7927	0.7445	0.6752	0.6435	0.6184	Ave		0.6949				10.4		20.0			
Methoxychlor	0.4986	0.4596	0.4473	0.3948	0.3716	Ave		0.4344				11.8		20.0			
Mirex	0.8915	0.7309	0.6625	0.6148	0.5707	Ave		0.6941				18.1		20.0			
Endosulfan sulfate	1.1792	0.9841	0.8710	0.8108	0.7625	Ave		0.9215				18.0		20.0			
Endrin ketone	1.2737	1.1268	1.0233	0.9523	0.9057	Ave		1.0564				13.9		20.0			
Tetrachloro-m-xylene	1.0383	0.8756	0.8268	0.8692	0.8195	Ave		0.8859				10.0		20.0			
DCB Decachlorobiphenyl	1.1950	0.9286	0.9007	0.8430	0.8069	Ave		0.9348				16.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 10:55 Calibration End Date: 04/17/2023 11:47 Calibration ID: 92702

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/4	5F0960931.D
Level 2	IC 460-903463/5	5F0960932.D
Level 3	ICIS 460-903463/3	5F0960930.D
Level 4	IC 460-903463/6	5F0960933.D
Level 5	IC 460-903463/7	5F0960934.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
alpha-BHC	BNB	Ave	550695	10196854	18548445	46055640	89170345	2.50	50.0	100	250	500
gamma-BHC (Lindane)	BNB	Ave	504562	9449091	17328604	42446327	82450019	2.50	50.0	100	250	500
beta-BHC	BNB	Ave	237873	4276603	7854243	18495168	35520902	2.50	50.0	100	250	500
delta-BHC	BNB	Ave	514107	9604515	17790472	43749890	85236571	2.50	50.0	100	250	500
Heptachlor	BNB	Ave	504877	8684679	15910765	37679336	71955592	2.50	50.0	100	250	500
Aldrin	BNB	Ave	504597	8993028	16119408	38754764	74426189	2.50	50.0	100	250	500
Heptachlor epoxide	BNB	Ave	487135	8171089	14869467	34787831	66518076	2.50	50.0	100	250	500
trans-Chlordane	BNB	Ave	472066	8090176	14650486	34046726	65270822	2.50	50.0	100	250	500
cis-Chlordane	BNB	Ave	498104	7941315	14278810	33110504	63668783	2.50	50.0	100	250	500
4,4'-DDE	BNB	Ave	479090	8388104	14954172	35299451	68368620	2.50	50.0	100	250	500
Endosulfan I	BNB	Ave	439785	7783988	13949036	32943683	63019527	2.50	50.0	100	250	500
Dieldrin	BNB	Ave	467760	8825721	15888786	37724364	72782537	2.50	50.0	100	250	500
Endrin	BNB	Ave	381802	7288494	13261372	30179819	58723449	2.50	50.0	100	250	500
4,4'-DDD	BNB	Ave	393915	7128957	12990185	30133714	58318581	2.50	50.0	100	250	500
Endosulfan II	BNB	Ave	431437	7412813	13602717	31430331	57363205	2.50	50.0	100	250	500
4,4'-DDT	BNB	Ave	380813	6741868	12846277	28574843	55300104	2.50	50.0	100	250	500
Endrin aldehyde	BNB	Ave	312934	5963589	10746180	25159189	48732559	2.50	50.0	100	250	500
Methoxychlor	BNB	Ave	196809	3681377	7118675	15436281	29285533	2.50	50.0	100	250	500
Mirex	BNB	Ave	351921	5854727	10545104	24035707	44971574	2.50	50.0	100	250	500
Endosulfan sulfate	BNB	Ave	465501	7883272	13863572	31698050	60089932	2.50	50.0	100	250	500
Endrin ketone	BNB	Ave	502782	9026268	16287607	37233178	71374803	2.50	50.0	100	250	500
Tetrachloro-m-xylene	BNB	Ave	1024711	7013965	13160260	20389704	25831548	6.25	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	1179355	7438142	14335494	19775424	25434018	6.25	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960930.D
Lims ID: ICIS
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 17-Apr-2023 10:55:57 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:22 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:03:11

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	17015714	100.0	100.0	
2	1.609	1.609	0.000	15916517	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.227	2.227	0.000	17210229	100.0	93.5	
2	2.000	2.000	0.000	13160260	100.0	93.3	
						RPD = 0.16	
15 alpha-BHC							
1	2.698	2.698	0.000	23493964	100.0	93.2	
2	2.336	2.336	0.000	18548445	100.0	94.9	
						RPD = 1.79	
2 gamma-BHC (Lindane)							
1	3.024	3.024	0.000	21149194	100.0	93.0	
2	2.554	2.554	0.000	17328604	100.0	95.9	
						RPD = 3.08	
6 beta-BHC							
1	3.086	3.086	0.000	9386904	100.0	90.9	
2	2.605	2.605	0.000	7854243	100.0	96.6	
						RPD = 6.11	
32 delta-BHC							
1	3.418	3.418	0.000	21598595	100.0	93.1	
2	2.748	2.748	0.000	17790472	100.0	96.0	
						RPD = 3.05	
18 Heptachlor							
1	3.509	3.509	0.000	19477772	100.0	93.9	
2	2.934	2.934	0.000	15910765	100.0	95.4	
						RPD = 1.56	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.901	3.901	0.000	20849327	100.0	88.7	
2	3.208	3.208	0.000	16119408	100.0	94.7	
						RPD = 6.50	
12 Heptachlor epoxide							M
1	4.577	4.577	0.000	17783157	100.0	92.2	M
2	3.834	3.834	0.000	14869467	100.0	94.9	
						RPD = 2.84	
9 trans-Chlordane							M
1	4.797	4.797	0.000	18084195	100.0	92.3	M
2	3.965	3.965	0.000	14650486	100.0	95.4	
						RPD = 3.25	
23 cis-Chlordane							M
1	4.947	4.947	0.000	17833308	100.0	92.7	M
2	4.103	4.103	0.000	14278810	100.0	93.3	
						RPD = 0.70	
7 Endosulfan I							M
1	5.005	5.005	0.000	17243027	100.0	93.4	M
2	4.251	4.251	0.000	13949036	100.0	95.2	
						RPD = 1.82	
25 4,4'-DDE							M
1	5.108	5.108	0.000	19289559	100.0	93.9	M
2	4.181	4.181	0.000	14954172	100.0	94.5	
						RPD = 0.59	
30 Dieldrin							M
1	5.255	5.255	0.000	19588449	100.0	93.5	M
2	4.527	4.527	0.000	15888786	100.0	96.5	
						RPD = 3.12	
20 Endrin							M
1	5.521	5.521	0.000	17816055	100.0	93.9	
2	4.788	4.788	0.000	13261372	100.0	98.5	M
						RPD = 4.83	
16 4,4'-DDD							M
1	5.624	5.624	0.000	16302933	100.0	93.3	
2	4.860	4.860	0.000	12990185	100.0	96.8	M
						RPD = 3.73	
11 Endosulfan II							M
1	5.701	5.701	0.000	18062655	100.0	94.9	
2	4.998	4.998	0.000	13602717	100.0	97.0	M
						RPD = 2.15	
21 4,4'-DDT							M
1	5.909	5.909	0.000	14668358	100.0	101.6	
2	5.121	5.121	0.000	12846277	100.0	99.7	M
						RPD = 1.84	
5 Endrin aldehyde							M
1	6.017	6.017	0.000	13626219	100.0	89.2	
2	5.357	5.357	0.000	10746180	100.0	97.2	M
						RPD = 8.50	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.320	6.320	0.000	18175367	100.0	94.8	
2	5.718	5.718	0.000	13863572	100.0	94.5	M
						RPD = 0.35	
10 Methoxychlor							M
1	6.830	6.830	0.000	8004866	100.0	102.7	
2	5.548	5.548	0.000	7118675	100.0	103.0	M
						RPD = 0.24	
34 Mirex							M
1	6.979	6.979	0.000	14547333	100.0	97.8	M
2	5.623	5.623	0.000	10545104	100.0	95.5	M
						RPD = 2.41	
13 Endrin ketone							M
1	7.074	7.074	0.000	19417390	100.0	97.7	M
2	5.949	5.949	0.000	16287607	100.0	96.9	M
						RPD = 0.89	
$ 24 DCB Decachlorobiphenyl							
1	8.273	8.273	0.000	17646423	100.0	93.5	
2	7.352	7.352	0.000	14335494	100.0	96.3	
						RPD = 2.98	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:23 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960930.D

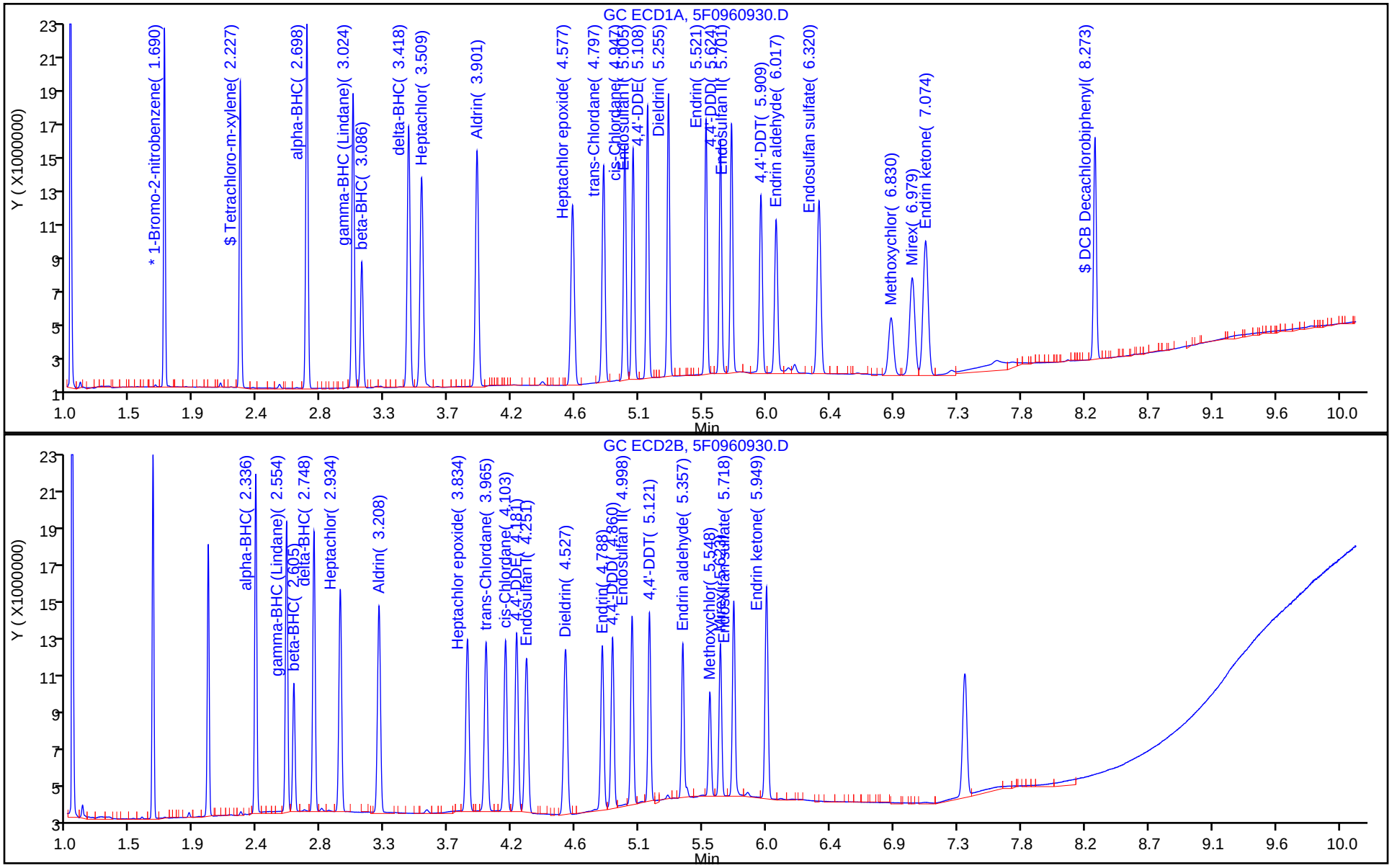
Injection Date: 17-Apr-2023 10:55:57 Instrument ID: CPESTGC5 Operator ID:

Lims ID: ICIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960931.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Apr-2023 11:08:57 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:27 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:08:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.691	1.690	0.001	16129906	100.0	100.0	
2	1.610	1.609	0.001	15790088	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.227	2.227	0.000	1225314	6.25	7.02	
2	2.000	2.000	0.000	1024711	6.25	7.33	M
						RPD = 4.25	
15 alpha-BHC							M
1	2.698	2.698	0.000	647692	2.50	2.71	
2	2.336	2.336	0.000	550695	2.50	2.84	M
						RPD = 4.65	
2 gamma-BHC (Lindane)							M
1	3.024	3.024	0.000	579580	2.50	2.69	
2	2.553	2.554	-0.001	504562	2.50	2.81	M
						RPD = 4.60	
6 beta-BHC							M
1	3.087	3.086	0.001	288155	2.50	2.94	
2	2.606	2.605	0.001	237873	2.50	2.95	M
						RPD = 0.22	
32 delta-BHC							M
1	3.418	3.418	0.000	581758	2.50	2.65	
2	2.748	2.748	0.000	514107	2.50	2.80	M
						RPD = 5.54	
18 Heptachlor							M
1	3.510	3.509	0.001	554628	2.50	2.82	
2	2.933	2.934	-0.001	504877	2.50	3.05	M
						RPD = 7.84	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.902	3.901	0.001	687459	2.50	3.09	
2	3.207	3.208	-0.001	504597	2.50	2.99	M
						RPD = 3.24	
12 Heptachlor epoxide							M
1	4.578	4.577	0.001	512854	2.50	2.81	
2	3.832	3.834	-0.002	487135	2.50	3.13	M
						RPD = 11.03	
9 trans-Chlordane							M
1	4.796	4.797	-0.001	515841	2.50	2.78	M
2	3.963	3.965	-0.002	472066	2.50	3.10	M
						RPD = 10.88	
23 cis-Chlordane							M
1	4.947	4.947	0.000	510905	2.50	2.80	M
2	4.102	4.103	-0.001	498104	2.50	3.28	M
						RPD = 15.81	
7 Endosulfan I							M
1	5.006	5.005	0.001	476624	2.50	2.72	M
2	4.250	4.251	-0.001	439785	2.50	3.02	M
						RPD = 10.42	
25 4,4'-DDE							M
1	5.108	5.108	0.000	497032	2.50	2.55	M
2	4.181	4.181	0.000	479090	2.50	3.05	M
						RPD = 17.78	
30 Dieldrin							M
1	5.255	5.255	0.000	519718	2.50	2.62	M
2	4.527	4.527	0.000	467760	2.50	2.86	
						RPD = 8.97	
20 Endrin							M
1	5.521	5.521	0.000	493297	2.50	2.74	M
2	4.788	4.788	0.000	381802	2.50	2.86	M
						RPD = 4.18	
16 4,4'-DDD							M
1	5.623	5.624	-0.001	439927	2.50	2.66	M
2	4.859	4.860	-0.001	393915	2.50	2.96	M
						RPD = 10.84	
11 Endosulfan II							M
1	5.702	5.701	0.001	499135	2.50	2.77	M
2	4.999	4.998	0.001	431437	2.50	3.10	M
						RPD = 11.37	
21 4,4'-DDT							M
1	5.910	5.909	0.001	355013	2.50	2.59	
2	5.120	5.121	-0.001	380813	2.50	2.98	M
						RPD = 13.87	
5 Endrin aldehyde							M
1	6.018	6.017	0.001	482159	2.50	3.33	M
2	5.356	5.357	-0.001	312934	2.50	2.85	M
						RPD = 15.50	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.320	6.320	0.000	497895	2.50	2.74	
2	5.717	5.718	-0.001	465501	2.50	3.20	M
						RPD = 15.43	
10 Methoxychlor							M
1	6.831	6.830	0.001	214083	2.50	2.90	
2	5.546	5.548	-0.002	196809	2.50	2.87	M
						RPD = 0.99	
34 Mirex							M
1	6.978	6.979	-0.001	373769	2.50	2.65	
2	5.622	5.623	-0.001	351921	2.50	3.21	M
						RPD = 19.14	
13 Endrin ketone							M
1	7.073	7.074	-0.001	508478	2.50	2.70	
2	5.948	5.949	-0.001	502782	2.50	3.01	M
						RPD = 11.00	
$ 24 DCB Decachlorobiphenyl							M
1	8.273	8.273	0.000	1246663	6.25	6.97	
2	7.352	7.352	0.000	1179355	6.25	7.99	M
						RPD = 13.64	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

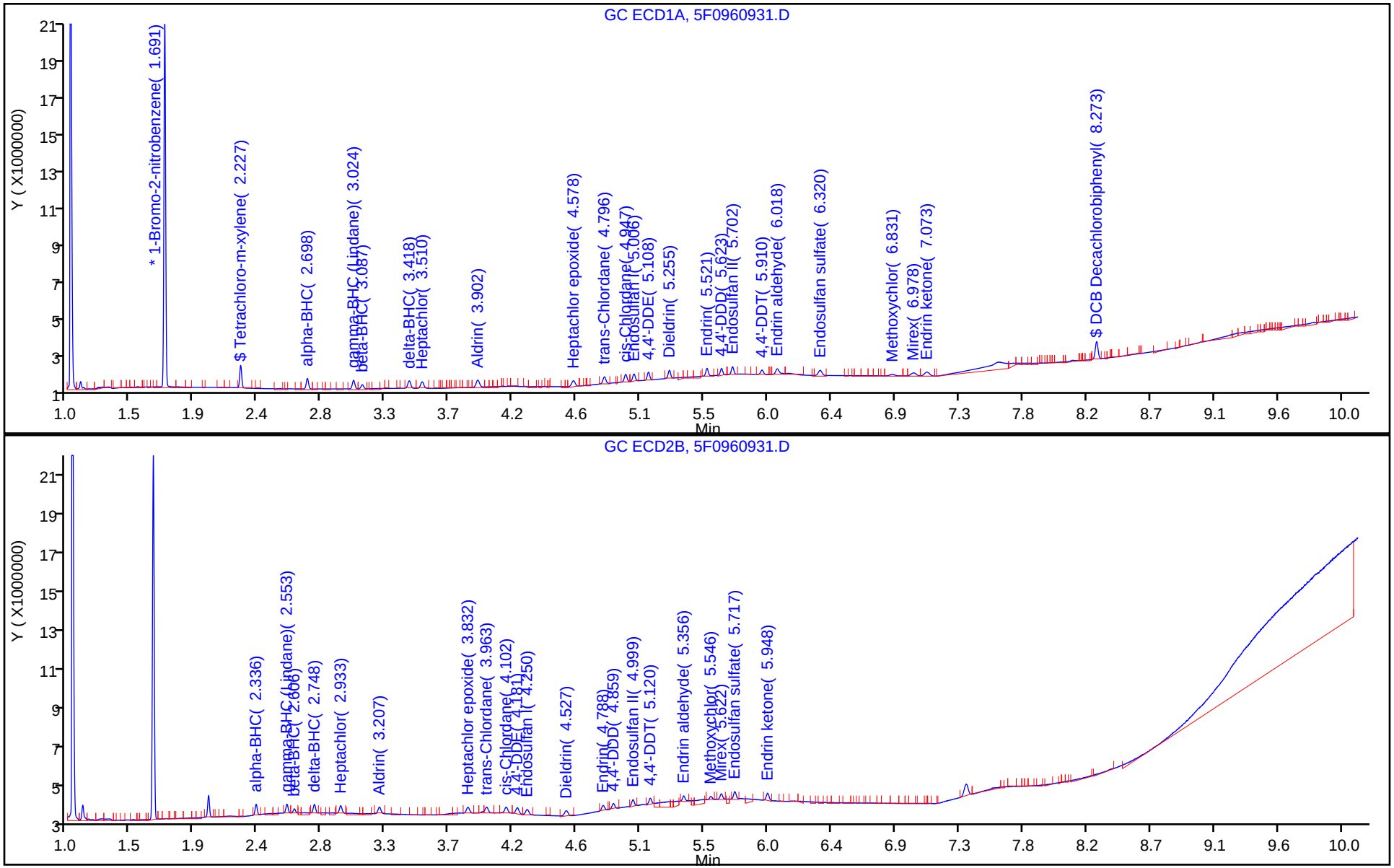
SGPESTL1_00034	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:28 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960931.D

Injection Date:	17-Apr-2023 11:08:57	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960932.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Apr-2023 11:21:52 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:32 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:09:58

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16233379	100.0	100.0	
2	1.609	1.609	0.000	16020758	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							M
1	2.227	2.227	0.000	8543399	50.0	48.6	
2	2.000	2.000	0.000	7013965	50.0	49.4	M
						RPD = 1.59	
15 alpha-BHC							M
1	2.697	2.698	-0.001	12092160	50.0	50.3	
2	2.336	2.336	0.000	10196854	50.0	51.8	M
						RPD = 3.02	
2 gamma-BHC (Lindane)							M
1	3.024	3.024	0.000	11019092	50.0	50.8	
2	2.554	2.554	0.000	9449091	50.0	51.9	M
						RPD = 2.28	
6 beta-BHC							M
1	3.086	3.086	0.000	5133073	50.0	52.1	
2	2.606	2.605	0.001	4276603	50.0	52.3	M
						RPD = 0.33	
32 delta-BHC							M
1	3.417	3.418	-0.001	11237885	50.0	50.8	
2	2.748	2.748	0.000	9604515	50.0	51.5	M
						RPD = 1.38	
18 Heptachlor							M
1	3.508	3.509	-0.001	10014112	50.0	50.6	
2	2.933	2.934	-0.001	8684679	50.0	51.7	M
						RPD = 2.19	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							M
1	3.902	3.901	0.001	10997717	50.0	49.0	
2	3.207	3.208	-0.001	8993028	50.0	52.5	M
						RPD = 6.75	
12 Heptachlor epoxide							M
1	4.577	4.577	0.000	9450605	50.0	51.4	
2	3.834	3.834	0.000	8171089	50.0	51.8	M
						RPD = 0.83	
9 trans-Chlordane							M
1	4.796	4.797	-0.001	9567405	50.0	51.2	
2	3.964	3.965	-0.001	8090176	50.0	52.3	M
						RPD = 2.18	
23 cis-Chlordane							M
1	4.947	4.947	0.000	9387672	50.0	51.1	
2	4.102	4.103	-0.001	7941315	50.0	51.6	M
						RPD = 0.84	
7 Endosulfan I							M
1	5.005	5.005	0.000	9072824	50.0	51.5	
2	4.252	4.251	0.001	7783988	50.0	52.8	M
						RPD = 2.34	
25 4,4'-DDE							M
1	5.107	5.108	-0.001	10164942	50.0	51.9	
2	4.182	4.181	0.001	8388104	50.0	52.7	M
						RPD = 1.48	
30 Dieldrin							
1	5.255	5.255	0.000	10530040	50.0	52.7	
2	4.527	4.527	0.000	8825721	50.0	53.2	
						RPD = 1.04	
20 Endrin							M
1	5.521	5.521	0.000	9512153	50.0	52.6	
2	4.787	4.788	-0.001	7288494	50.0	53.8	M
						RPD = 2.37	
16 4,4'-DDD							M
1	5.623	5.624	-0.001	8731961	50.0	52.4	
2	4.860	4.860	0.000	7128957	50.0	52.8	M
						RPD = 0.80	
11 Endosulfan II							M
1	5.702	5.701	0.001	9773469	50.0	53.9	
2	4.998	4.998	0.000	7412813	50.0	52.5	M
						RPD = 2.50	
21 4,4'-DDT							M
1	5.910	5.909	0.001	6877185	50.0	49.9	
2	5.120	5.121	-0.001	6741868	50.0	52.0	M
						RPD = 4.08	
5 Endrin aldehyde							M
1	6.017	6.017	0.000	7327042	50.0	50.3	
2	5.357	5.357	0.000	5963589	50.0	53.6	M
						RPD = 6.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.321	6.320	0.001	9634380	50.0	52.7	
2	5.717	5.718	-0.001	7883272	50.0	53.4	M
						RPD = 1.31	
10 Methoxychlor							M
1	6.830	6.830	0.000	3724703	50.0	50.1	
2	5.548	5.548	0.000	3681377	50.0	52.9	M
						RPD = 5.44	
34 Mirex							M
1	6.982	6.979	0.003	7489504	50.0	52.8	
2	5.622	5.623	-0.001	5854727	50.0	52.7	M
						RPD = 0.22	
13 Endrin ketone							M
1	7.076	7.074	0.002	9794103	50.0	51.7	
2	5.950	5.949	0.001	9026268	50.0	53.3	M
						RPD = 3.16	
$ 24 DCB Decachlorobiphenyl							M
1	8.272	8.273	-0.001	9060230	50.0	50.3	
2	7.352	7.352	0.000	7438142	50.0	49.7	M
						RPD = 1.33	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL2_00045	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:33 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960932.D

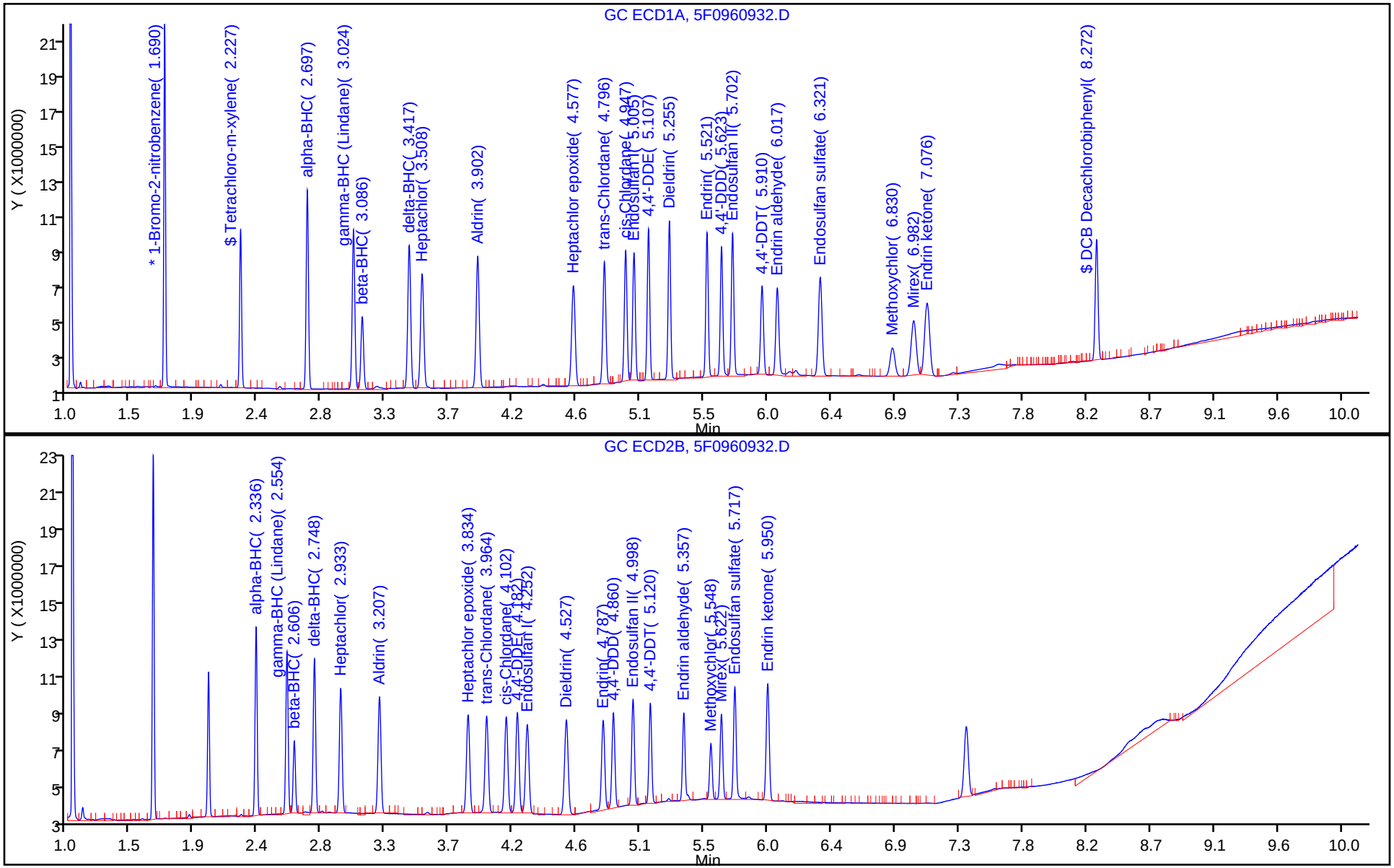
Injection Date: 17-Apr-2023 11:21:52 Instrument ID: CPESTGC5 Operator ID:

Lims ID: IC Worklist Smp#: 5

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 5

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960933.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Apr-2023 11:34:47 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-006
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:36 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:10:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16158102	100.0	100.0	
2	1.610	1.609	0.001	15638723	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.227	2.227	0.000	26468569	150.0	151.4	
2	2.000	2.000	0.000	20389704	150.0	147.2	
						RPD = 2.83	
15 alpha-BHC							
1	2.698	2.698	0.000	59758204	250.0	249.6	
2	2.337	2.336	0.001	46055640	250.0	239.7	
						RPD = 4.03	
2 gamma-BHC (Lindane)							M
1	3.025	3.024	0.001	54018580	250.0	250.0	M
2	2.555	2.554	0.001	42446327	250.0	239.0	
						RPD = 4.51	
6 beta-BHC							M
1	3.086	3.086	0.000	23373276	250.0	238.3	M
2	2.606	2.605	0.001	18495168	250.0	231.6	
						RPD = 2.88	
32 delta-BHC							
1	3.418	3.418	0.000	55361111	250.0	251.4	
2	2.748	2.748	0.000	43749890	250.0	240.3	
						RPD = 4.50	
18 Heptachlor							
1	3.510	3.509	0.001	47822019	250.0	242.8	
2	2.935	2.934	0.001	37679336	250.0	229.9	
						RPD = 5.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.902	3.901	0.001	53668349	250.0	240.4	
2	3.209	3.208	0.001	38754764	250.0	231.6	
						RPD = 3.73	
12 Heptachlor epoxide							
1	4.577	4.577	0.000	44775004	250.0	244.6	
2	3.833	3.834	-0.001	34787831	250.0	226.0	
						RPD = 7.91	
9 trans-Chlordane							
1	4.796	4.797	-0.001	45720230	250.0	245.8	
2	3.965	3.965	0.000	34046726	250.0	225.6	
						RPD = 8.58	
23 cis-Chlordane							M
1	4.946	4.947	-0.001	44726382	250.0	244.8	M
2	4.103	4.103	0.000	33110504	250.0	220.3	
						RPD = 10.54	
7 Endosulfan I							M
1	5.005	5.005	0.000	43433134	250.0	247.9	M
2	4.251	4.251	0.000	32943683	250.0	228.7	
						RPD = 8.02	
25 4,4'-DDE							
1	5.107	5.108	-0.001	49331710	250.0	253.0	
2	4.182	4.181	0.001	35299451	250.0	227.0	
						RPD = 10.82	
30 Dieldrin							
1	5.255	5.255	0.000	49611076	250.0	249.4	
2	4.528	4.527	0.001	37724364	250.0	233.1	
						RPD = 6.74	
20 Endrin							
1	5.521	5.521	0.000	43778220	250.0	243.0	
2	4.788	4.788	0.000	30179819	250.0	228.3	
						RPD = 6.25	
16 4,4'-DDD							
1	5.624	5.624	0.000	40644051	250.0	244.9	
2	4.860	4.860	0.000	30133714	250.0	228.6	
						RPD = 6.89	
11 Endosulfan II							M
1	5.702	5.701	0.001	43913107	250.0	243.1	
2	4.999	4.998	0.001	31430331	250.0	228.1	M
						RPD = 6.35	
21 4,4'-DDT							M
1	5.910	5.909	0.001	33474270	250.0	244.1	
2	5.120	5.121	-0.001	28574843	250.0	225.8	M
						RPD = 7.80	
5 Endrin aldehyde							M
1	6.018	6.017	0.001	32708453	250.0	225.6	
2	5.357	5.357	0.000	25159189	250.0	231.5	M
						RPD = 2.59	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.321	6.320	0.001	44013191	250.0	241.9	
2	5.718	5.718	0.000	31698050	250.0	219.9	M
						RPD = 9.49	
10 Methoxychlor							M
1	6.830	6.830	0.000	16959108	250.0	229.2	
2	5.549	5.548	0.001	15436281	250.0	227.2	M
						RPD = 0.85	
34 Mirex							M
1	6.980	6.979	0.001	34574257	250.0	244.7	M
2	5.623	5.623	0.000	24035707	250.0	221.4	M
						RPD = 9.99	
13 Endrin ketone							M
1	7.076	7.074	0.002	45628234	250.0	241.9	M
2	5.950	5.949	0.001	37233178	250.0	225.4	M
						RPD = 7.06	
$ 24 DCB Decachlorobiphenyl							
1	8.273	8.273	0.000	26712787	150.0	149.1	
2	7.353	7.352	0.001	19775424	150.0	135.3	
						RPD = 9.71	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL4_00040	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:37 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960933.D

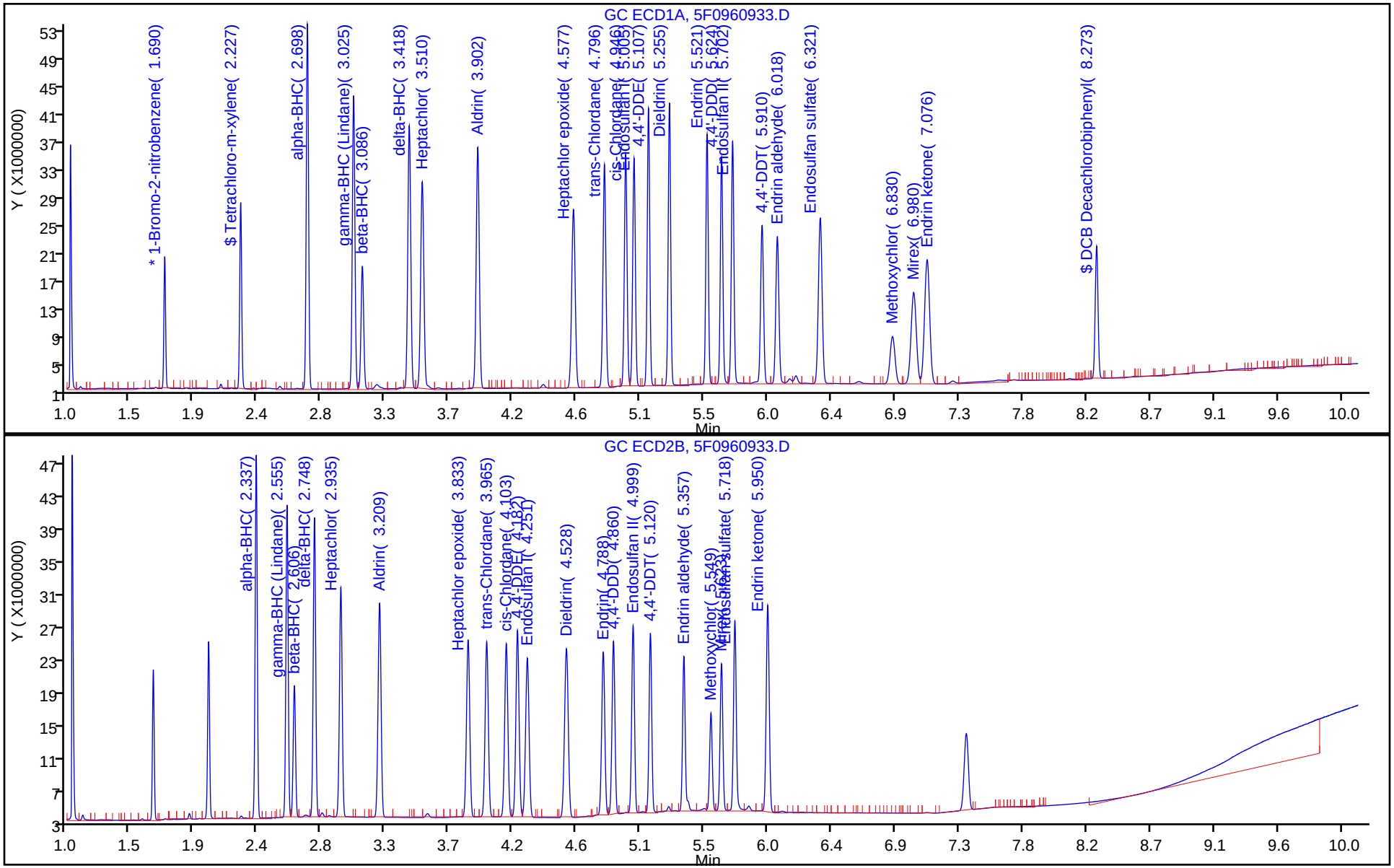
Injection Date: 17-Apr-2023 11:34:47 Instrument ID: CPESTGC5 Operator ID:

Lims ID: IC Worklist Smp#: 6

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 6

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960934.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Apr-2023 11:47:42 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-007
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:20:40 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:11:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16454341	100.0	100.0	
2	1.610	1.609	0.001	15760537	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.227	2.227	0.000	34175516	200.0	192.0	
2	2.001	2.000	0.001	25831548	200.0	185.0	
						RPD = 3.69	
15 alpha-BHC							
1	2.698	2.698	0.000	119585116	500.0	490.4	
2	2.338	2.336	0.002	89170345	500.0	460.5	
						RPD = 6.29	
2 gamma-BHC (Lindane)							M
1	3.025	3.024	0.001	107832333	500.0	490.1	M
2	2.555	2.554	0.001	82450019	500.0	460.6	
						RPD = 6.20	
6 beta-BHC							M
1	3.087	3.086	0.001	45884623	500.0	459.4	M
2	2.607	2.605	0.002	35520902	500.0	441.3	
						RPD = 4.03	
32 delta-BHC							
1	3.418	3.418	0.000	110813863	500.0	494.2	
2	2.748	2.748	0.000	85236571	500.0	464.6	
						RPD = 6.16	
18 Heptachlor							
1	3.510	3.509	0.001	95156894	500.0	474.5	
2	2.934	2.934	0.000	71955592	500.0	435.7	
						RPD = 8.52	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.903	3.901	0.002	106410014	500.0	468.1	
2	3.208	3.208	0.000	74426189	500.0	441.4	
						RPD = 5.88	
12 Heptachlor epoxide							
1	4.578	4.577	0.001	88495612	500.0	474.7	
2	3.834	3.834	0.000	66518076	500.0	428.7	
						RPD = 10.17	
9 trans-Chlordane							
1	4.797	4.797	0.000	90763139	500.0	479.2	
2	3.966	3.965	0.001	65270822	500.0	429.1	
						RPD = 11.02	
23 cis-Chlordane							M
1	4.947	4.947	0.000	88373565	500.0	475.0	M
2	4.103	4.103	0.000	63668783	500.0	420.4	M
						RPD = 12.21	
7 Endosulfan I							M
1	5.006	5.005	0.001	85061481	500.0	476.7	M
2	4.253	4.251	0.002	63019527	500.0	434.2	M
						RPD = 9.33	
25 4,4'-DDE							M
1	5.108	5.108	0.000	98199269	500.0	494.6	
2	4.183	4.181	0.002	68368620	500.0	436.3	M
						RPD = 12.51	
30 Dieldrin							
1	5.256	5.255	0.001	97888272	500.0	483.2	
2	4.528	4.527	0.001	72782537	500.0	446.3	
						RPD = 7.95	
20 Endrin							M
1	5.522	5.521	0.001	86321040	500.0	470.5	M
2	4.788	4.788	0.000	58723449	500.0	440.7	M
						RPD = 6.54	
16 4,4'-DDD							M
1	5.623	5.624	-0.001	82665647	500.0	489.1	M
2	4.861	4.860	0.001	58318581	500.0	439.0	M
						RPD = 10.81	
11 Endosulfan II							M
1	5.702	5.701	0.001	82232049	500.0	447.0	M
2	4.999	4.998	0.001	57363205	500.0	413.1	M
						RPD = 7.87	
21 4,4'-DDT							M
1	5.910	5.909	0.001	67835638	500.0	485.8	
2	5.121	5.121	0.000	55300104	500.0	433.6	M
						RPD = 11.36	
5 Endrin aldehyde							M
1	6.018	6.017	0.001	63972055	500.0	433.3	
2	5.358	5.357	0.001	48732559	500.0	445.0	M
						RPD = 2.67	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.321	6.320	0.001	86505093	500.0	466.8	
2	5.718	5.718	0.000	60089932	500.0	413.7	M
						RPD = 12.06	
10 Methoxychlor							M
1	6.832	6.830	0.002	33719496	500.0	447.5	
2	5.548	5.548	0.000	29285533	500.0	427.8	M
						RPD = 4.50	
34 Mirex							M
1	6.983	6.979	0.004	66751282	500.0	464.0	M
2	5.623	5.623	0.000	44971574	500.0	411.1	M
						RPD = 12.08	
13 Endrin ketone							M
1	7.076	7.074	0.002	90456911	500.0	470.8	M
2	5.950	5.949	0.001	71374803	500.0	428.7	M
						RPD = 9.37	
$ 24 DCB Decachlorobiphenyl							
1	8.273	8.273	0.000	34648265	200.0	189.9	
2	7.353	7.352	0.001	25434018	200.0	172.6	
						RPD = 9.52	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL5_00041	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:20:42 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960934.D

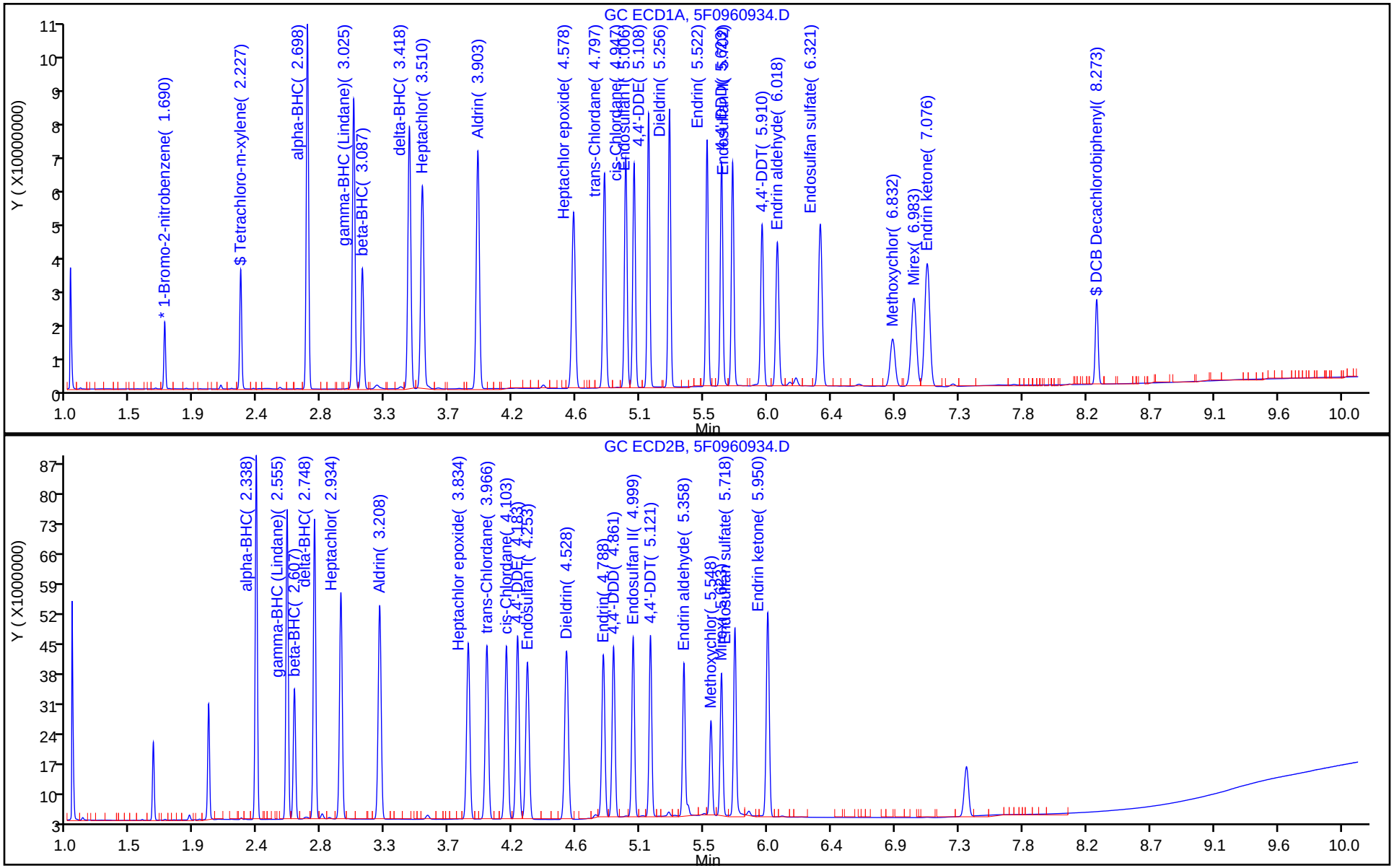
Injection Date: 17-Apr-2023 11:47:42 Instrument ID: CPESTGC5 Operator ID:

Lims ID: IC Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 13:44 Calibration End Date: 04/17/2023 14:36 Calibration ID: 92719

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/16	5F0960943.D
Level 2	IC 460-903463/17	5F0960944.D
Level 3	IC 460-903463/18	5F0960945.D
Level 4	IC 460-903463/19	5F0960946.D
Level 5	IC 460-903463/20	5F0960947.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0306	0.0360	0.0331	0.0317	0.0278	Ave		0.0318				9.5		20.0			
Toxaphene Peak 2	0.0489	0.0443	0.0410	0.0394	0.0355	Ave		0.0418				12.1		20.0			
Toxaphene Peak 3	0.0701	0.0743	0.0719	0.0681	0.0603	Ave		0.0690				7.7		20.0			
Toxaphene Peak 4	0.0302	0.0455	0.0439	0.0417	0.0370	Ave		0.0397				15.6		20.0			
Toxaphene Peak 5	0.0133	0.0529	0.0419	0.0428	0.0465	Lin	-1.156	0.0460							0.9940		0.9900

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 13:44 Calibration End Date: 04/17/2023 14:36 Calibration ID: 92719

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/16	5F0960943.D
Level 2	IC 460-903463/17	5F0960944.D
Level 3	IC 460-903463/18	5F0960945.D
Level 4	IC 460-903463/19	5F0960946.D
Level 5	IC 460-903463/20	5F0960947.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	251340	3035641	5368243	7747862	11029402	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	401411	3734653	6643304	9636838	14096110	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	576179	6268018	11653488	16664209	23938215	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	248072	3839618	7116440	10202941	14665994	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Lin	108911	4464096	6801340	10472079	18470444	50.0	500	1000	1500	2500

Curve Type Legend

Ave = Average ISTD
Lin = Linear ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960943.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Apr-2023 13:44:31 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-016
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:05 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:22:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16427716	100.0	100.0	
2	1.610	1.610	0.000	15810116	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.238	5.236	0.002	251340	50.0	48.1	M
1	5.687	5.686	0.001	401411	50.0	58.4	M
1	5.771	5.770	0.001	576179	50.0	50.9	M
1	6.018	6.018	0.000	248072	50.0	38.1	
1	6.629	6.630	-0.001	108911	50.0	39.5	M
		Average of Peak Amounts =				47.0	
2	4.991	4.991	0.000	308638	50.0	39.9	M
2	5.095	5.095	0.000	371636	50.0	55.0	M
2	5.289	5.288	0.001	330589	50.0	54.0	M
2	5.463	5.463	0.000	266556	50.0	51.3	M
2	5.628	5.629	-0.001	217868	50.0	39.8	M
		Average of Peak Amounts =				48.0	
						RPD = 2.12	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

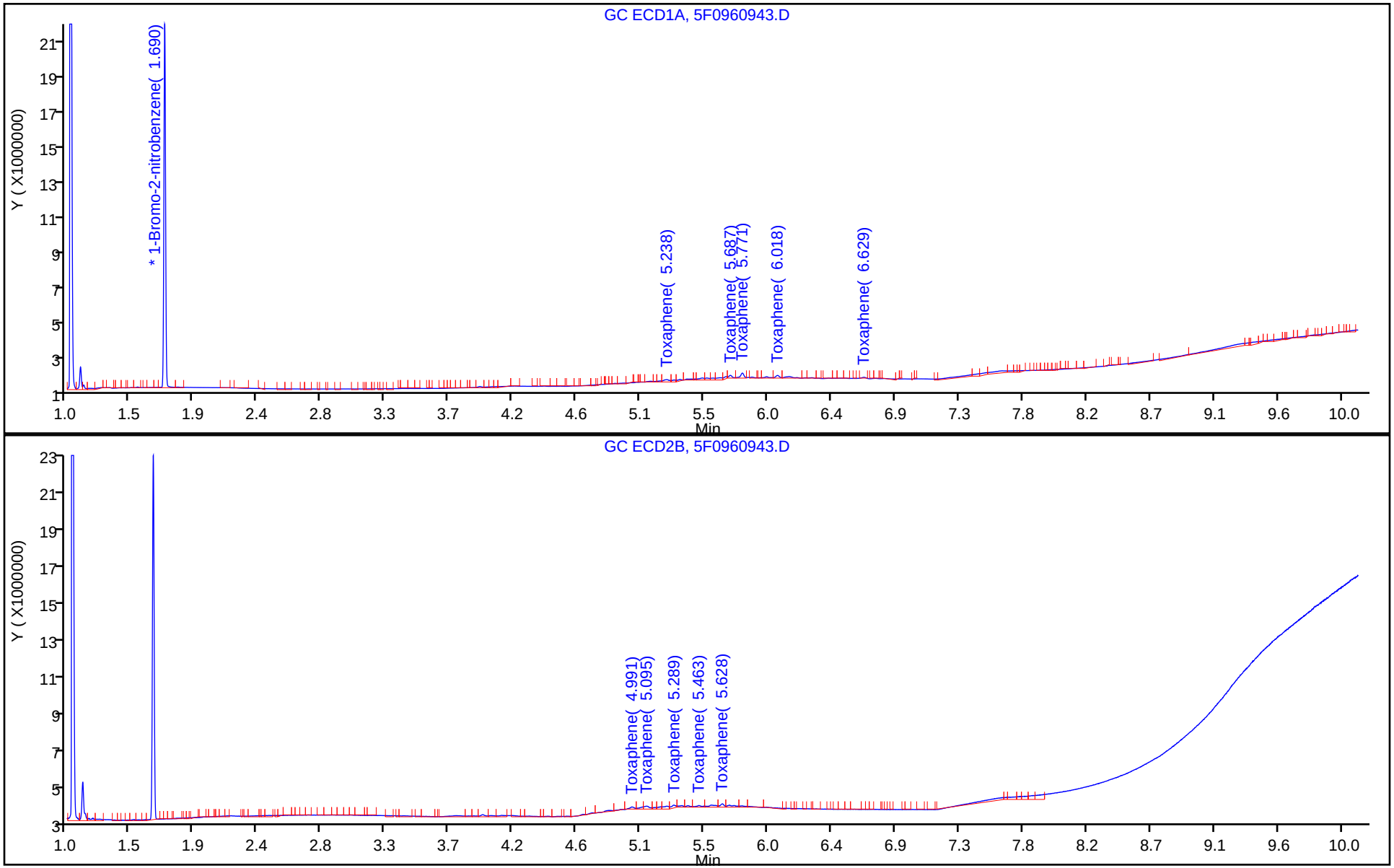
SGTOXAPHENEL1_00011	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:06 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960943.D

Injection Date:	17-Apr-2023 13:44:31	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960944.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Apr-2023 13:57:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-017
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:08 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:22:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.692	1.690	0.002	16862333	100.0	100.0	M
2	1.611	1.610	0.001	16495251	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.236	5.236	0.000	3035641	500.0	565.5	M
1	5.687	5.686	0.001	3734653	500.0	529.8	M
1	5.771	5.770	0.001	6268018	500.0	539.1	M
1	6.018	6.018	0.000	3839618	500.0	574.2	M
1	6.629	6.630	-0.001	4464096	500.0	600.4	M
		Average of Peak Amounts =				561.8	
2	4.992	4.991	0.001	4429930	500.0	548.8	M
2	5.097	5.095	0.002	3596942	500.0	509.9	M
2	5.287	5.288	-0.001	3340717	500.0	522.7	M
2	5.464	5.463	0.001	2905180	500.0	536.1	M
2	5.630	5.629	0.001	3027066	500.0	530.7	M
		Average of Peak Amounts =				529.6	
						RPD = 5.89	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

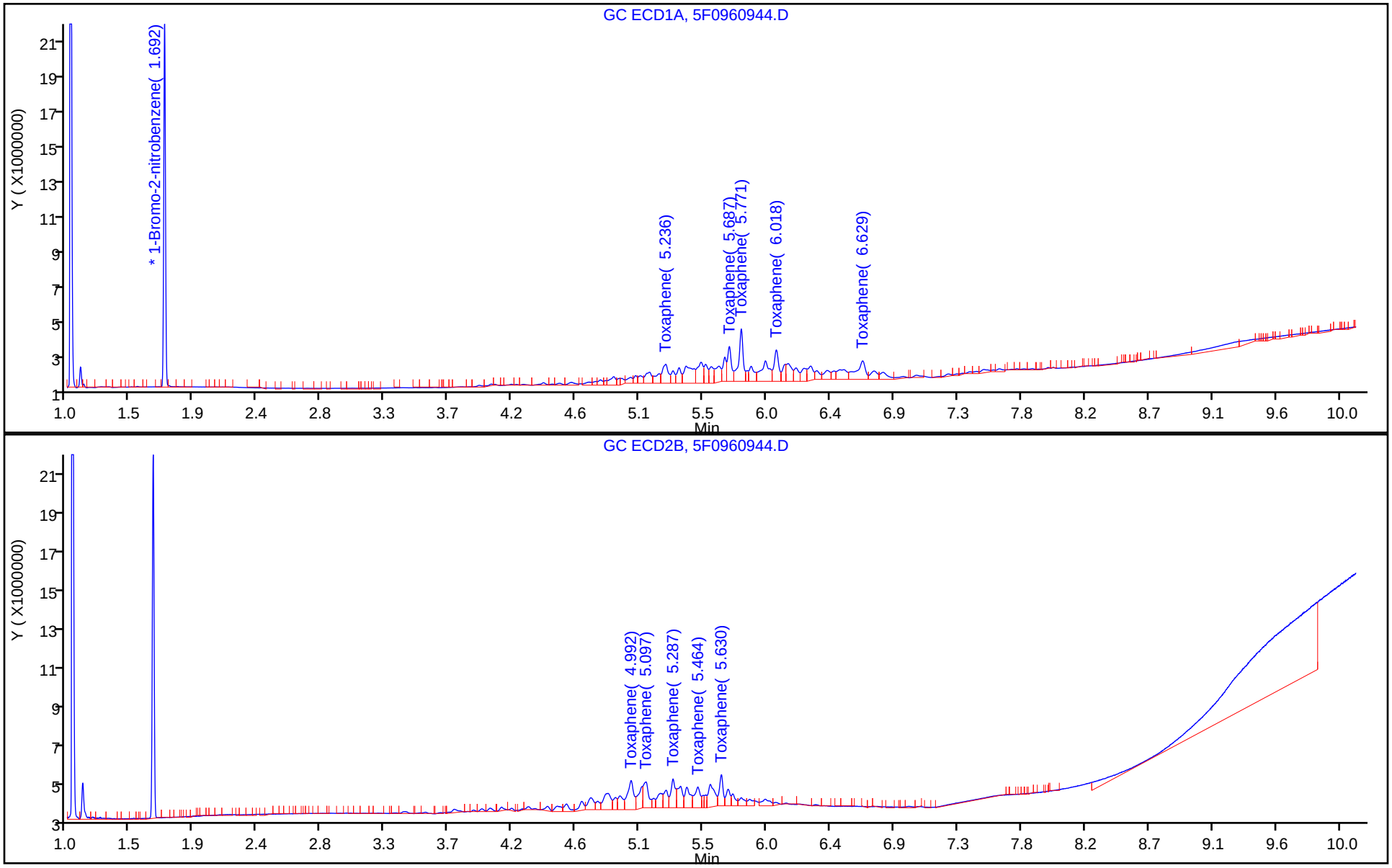
SGTOXAPHENEL3_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:09 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960944.D

Injection Date:	17-Apr-2023 13:57:30	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960945.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 17-Apr-2023 14:10:27 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-018
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:12 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 06:57:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.692	1.692	0.000	16218432	100.0	100.0	M
2	1.611	1.611	0.000	16408712	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.236	5.236	0.000	5368243	1000.0	1039.8	M
1	5.686	5.686	0.000	6643304	1000.0	979.8	M
1	5.770	5.770	0.000	11653488	1000.0	1042.0	M
1	6.018	6.018	0.000	7116440	1000.0	1106.5	M
1	6.630	6.630	0.000	6801340	1000.0	936.4	M
		Average of Peak Amounts =				1020.9	
2	4.991	4.991	0.000	8854370	1000.0	1102.7	
2	5.095	5.095	0.000	7196390	1000.0	1025.6	M
2	5.288	5.288	0.000	6114382	1000.0	961.7	
2	5.463	5.463	0.000	5637515	1000.0	1045.8	
2	5.629	5.629	0.000	6370534	1000.0	1122.7	
		Average of Peak Amounts =				1051.7	
						RPD = 2.97	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

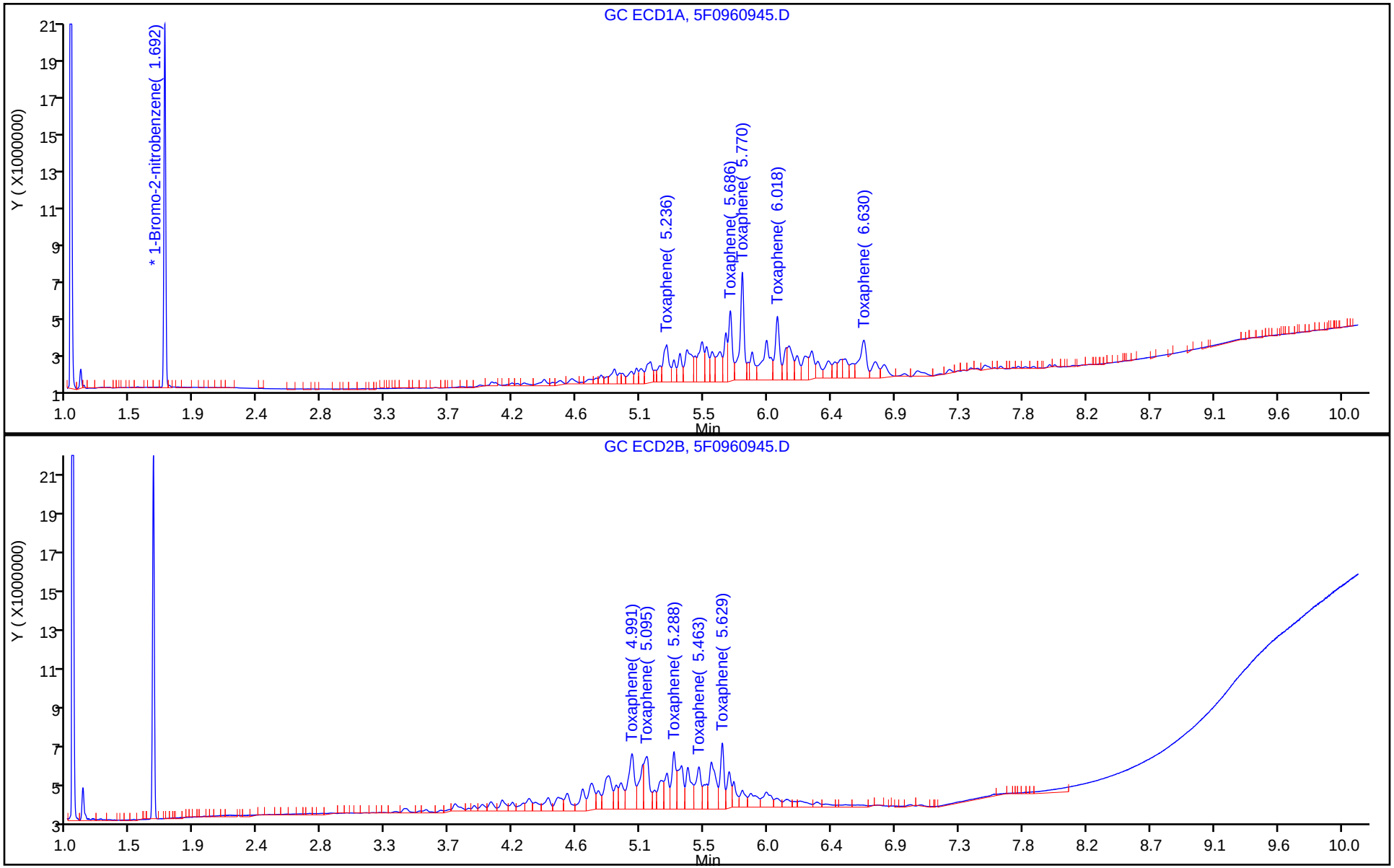
SGTOXAPHENEL4_00011	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960945.D

Injection Date:	17-Apr-2023 14:10:27	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960946.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Apr-2023 14:23:32 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-019
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:16 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:24:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16308812	100.0	100.0	
2	1.609	1.611	-0.002	15527446	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.234	5.236	-0.002	7747862	1500.0	1492.4	M
1	5.686	5.686	0.000	9636838	1500.0	1413.4	M
1	5.770	5.770	0.000	16664209	1500.0	1481.8	M
1	6.018	6.018	0.000	10202941	1500.0	1577.6	M
1	6.630	6.630	0.000	10472079	1500.0	1420.4	M
		Average of Peak Amounts =				1477.1	
2	4.990	4.991	-0.001	12152844	1500.0	1599.4	
2	5.094	5.095	-0.001	9696986	1500.0	1460.4	M
2	5.288	5.288	0.000	9622681	1500.0	1599.3	
2	5.463	5.463	0.000	7625426	1500.0	1494.9	
2	5.629	5.629	0.000	8697031	1500.0	1619.7	
		Average of Peak Amounts =				1554.7	
						RPD = 5.12	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

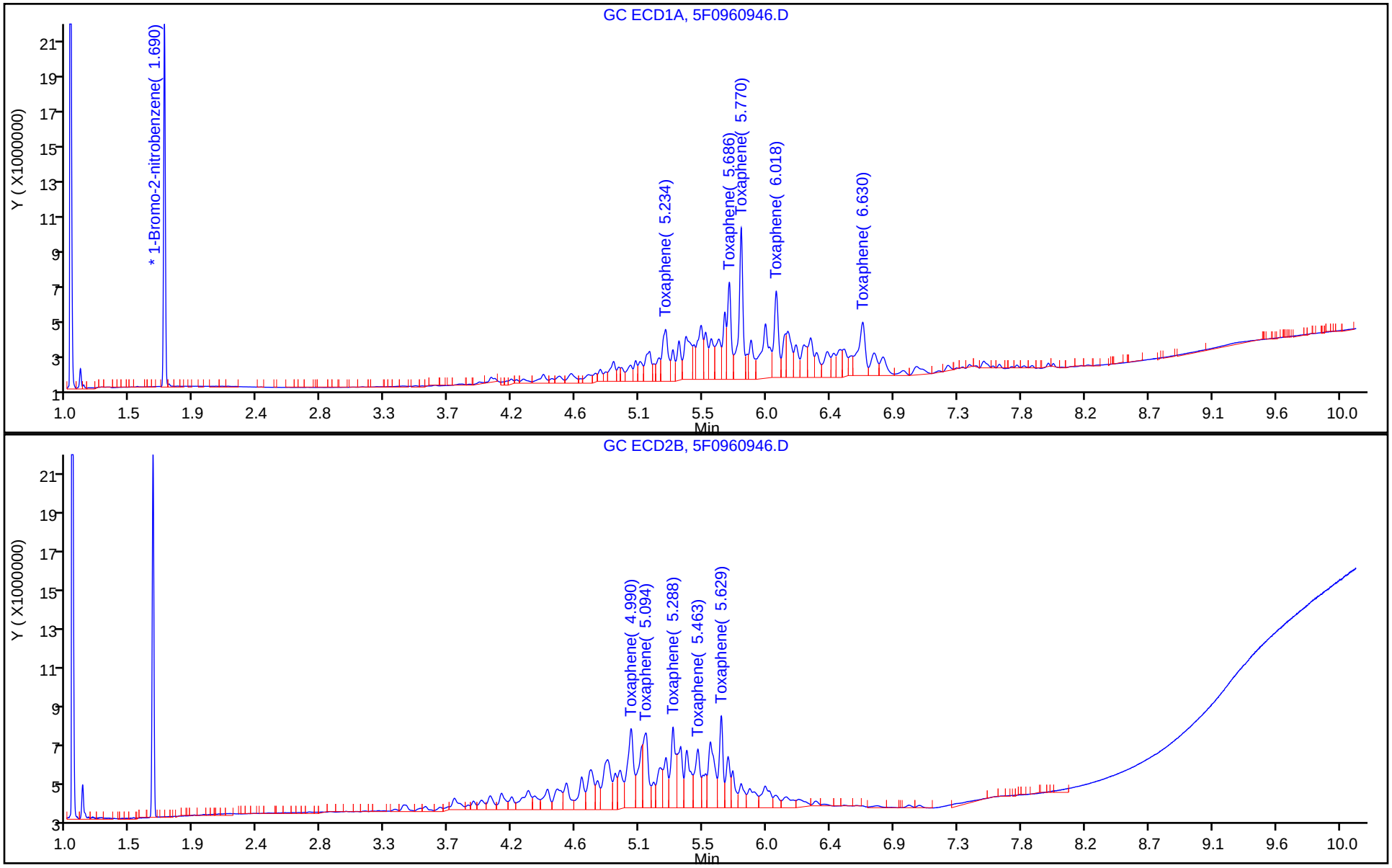
SGTOXAPHENEL5_00010	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:16 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960946.D

Injection Date:	17-Apr-2023 14:23:32	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Apr-2023 14:36:28 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-020
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:24:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.690	1.692	-0.002	15874774	100.0	100.0	M
2	1.610	1.611	-0.001	16001323	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.235	5.236	-0.001	11029402	2500.0	2182.5	M
1	5.685	5.686	-0.001	14096110	2500.0	2123.9	M
1	5.770	5.770	0.000	23938215	2500.0	2186.8	M
1	6.018	6.018	0.000	14665994	2500.0	2329.6	M
1	6.628	6.630	-0.002	18470444	2500.0	2553.4	M
		Average of Peak Amounts =				2275.3	
2	4.991	4.991	0.000	18316077	2500.0	2339.1	M
2	5.097	5.095	0.002	15078831	2500.0	2203.7	M
2	5.288	5.288	0.000	13137000	2500.0	2118.8	M
2	5.463	5.463	0.000	11287270	2500.0	2147.2	M
2	5.629	5.629	0.000	12992667	2500.0	2348.0	M
		Average of Peak Amounts =				2231.4	
						RPD = 1.95	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

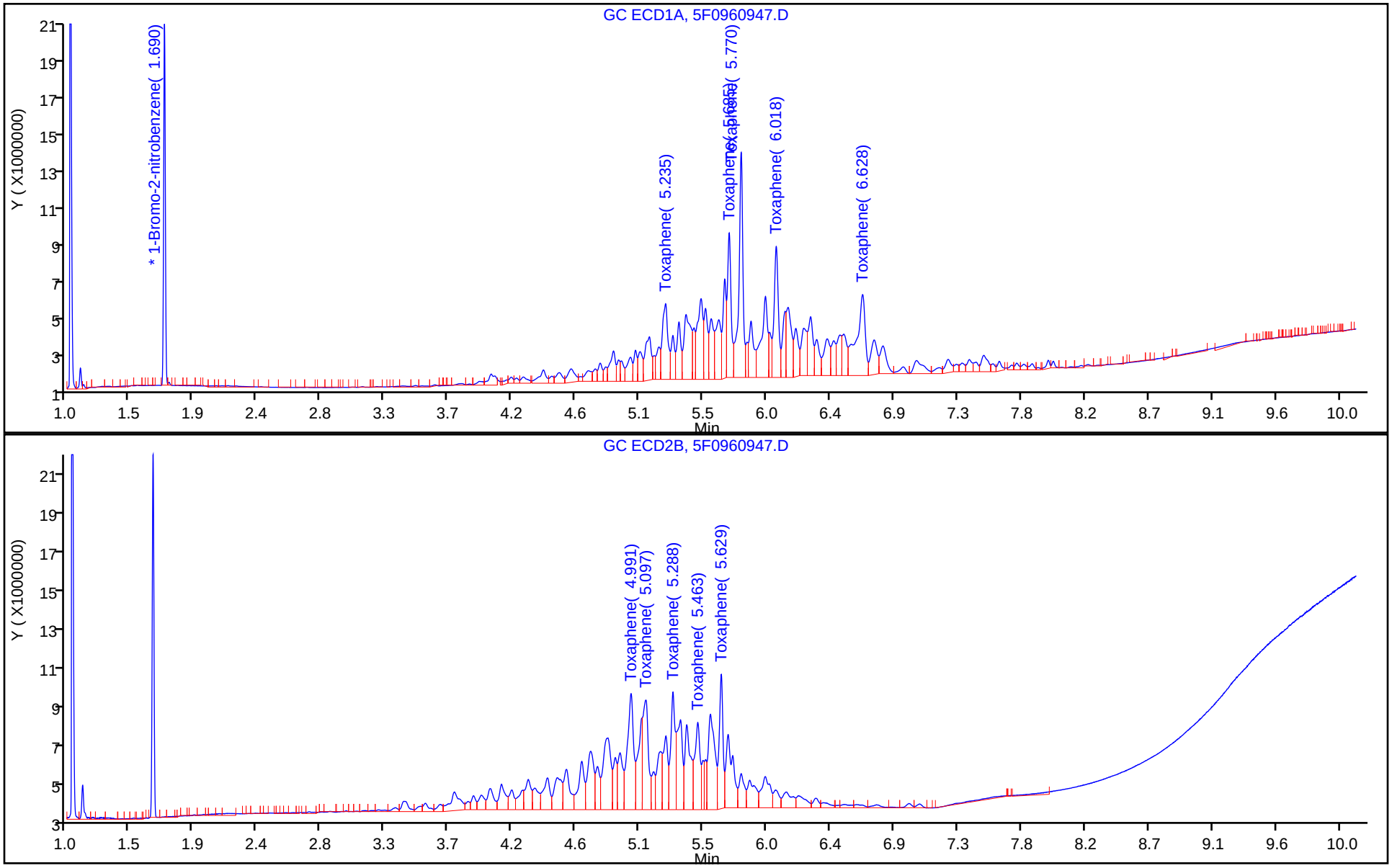
SGTOXAPHENEL6_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Injection Date:	17-Apr-2023 14:36:28	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 13:44 Calibration End Date: 04/17/2023 14:36 Calibration ID: 92720

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/16	5F0960943.D
Level 2	IC 460-903463/17	5F0960944.D
Level 3	IC 460-903463/18	5F0960945.D
Level 4	IC 460-903463/19	5F0960946.D
Level 5	IC 460-903463/20	5F0960947.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Toxaphene Peak 1	0.0390	0.0537	0.0540	0.0522	0.0458	Ave		0.0489				13.2		20.0			
Toxaphene Peak 2	0.0470	0.0436	0.0439	0.0416	0.0377	Ave		0.0428				8.0		20.0			
Toxaphene Peak 3	0.0418	0.0405	0.0373	0.0413	0.0328	Ave		0.0387				9.7		20.0			
Toxaphene Peak 4	0.0337	0.0352	0.0344	0.0327	0.0282	Ave		0.0329				8.4		20.0			
Toxaphene Peak 5	0.0276	0.0367	0.0388	0.0373	0.0325	Ave		0.0346				13.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PESTICIDES BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 903463

SDG No.:

Instrument ID: CPESTGC5 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/17/2023 13:44 Calibration End Date: 04/17/2023 14:36 Calibration ID: 92720

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-903463/16	5F0960943.D
Level 2	IC 460-903463/17	5F0960944.D
Level 3	IC 460-903463/18	5F0960945.D
Level 4	IC 460-903463/19	5F0960946.D
Level 5	IC 460-903463/20	5F0960947.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
Toxaphene Peak 1	BNB	Ave	308638	4429930	8854370	12152844	18316077	50.0	500	1000	1500	2500
Toxaphene Peak 2	BNB	Ave	371636	3596942	7196390	9696986	15078831	50.0	500	1000	1500	2500
Toxaphene Peak 3	BNB	Ave	330589	3340717	6114382	9622681	13137000	50.0	500	1000	1500	2500
Toxaphene Peak 4	BNB	Ave	266556	2905180	5637515	7625426	11287270	50.0	500	1000	1500	2500
Toxaphene Peak 5	BNB	Ave	217868	3027066	6370534	8697031	12992667	50.0	500	1000	1500	2500

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960943.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Apr-2023 13:44:31 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-016
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:05 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:22:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.690	0.000	16427716	100.0	100.0	
2	1.610	1.610	0.000	15810116	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.238	5.236	0.002	251340	50.0	48.1	M
1	5.687	5.686	0.001	401411	50.0	58.4	M
1	5.771	5.770	0.001	576179	50.0	50.9	M
1	6.018	6.018	0.000	248072	50.0	38.1	
1	6.629	6.630	-0.001	108911	50.0	39.5	M
		Average of Peak Amounts =				47.0	
2	4.991	4.991	0.000	308638	50.0	39.9	M
2	5.095	5.095	0.000	371636	50.0	55.0	M
2	5.289	5.288	0.001	330589	50.0	54.0	M
2	5.463	5.463	0.000	266556	50.0	51.3	M
2	5.628	5.629	-0.001	217868	50.0	39.8	M
		Average of Peak Amounts =				48.0	
						RPD = 2.12	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

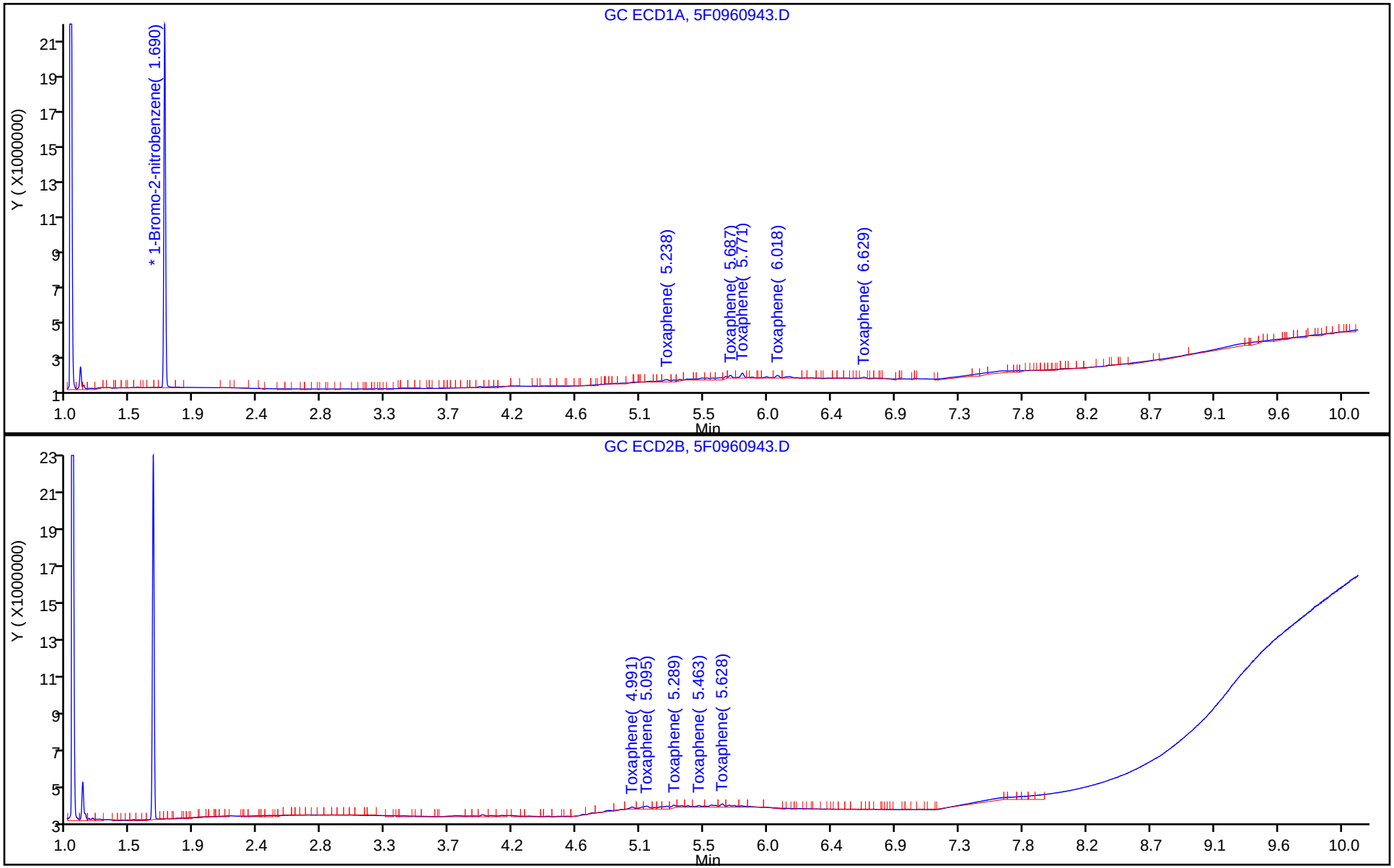
SGTOXAPHENEL1_00011	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:06 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960943.D

Injection Date:	17-Apr-2023 13:44:31	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960944.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Apr-2023 13:57:30 ALS Bottle#: 17 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-017
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:08 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:22:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.692	1.690	0.002	16862333	100.0	100.0	M
2	1.611	1.610	0.001	16495251	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.236	5.236	0.000	3035641	500.0	565.5	M
1	5.687	5.686	0.001	3734653	500.0	529.8	M
1	5.771	5.770	0.001	6268018	500.0	539.1	M
1	6.018	6.018	0.000	3839618	500.0	574.2	M
1	6.629	6.630	-0.001	4464096	500.0	600.4	M
		Average of Peak Amounts =				561.8	
2	4.992	4.991	0.001	4429930	500.0	548.8	M
2	5.097	5.095	0.002	3596942	500.0	509.9	M
2	5.287	5.288	-0.001	3340717	500.0	522.7	M
2	5.464	5.463	0.001	2905180	500.0	536.1	M
2	5.630	5.629	0.001	3027066	500.0	530.7	M
		Average of Peak Amounts =				529.6	
						RPD = 5.89	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

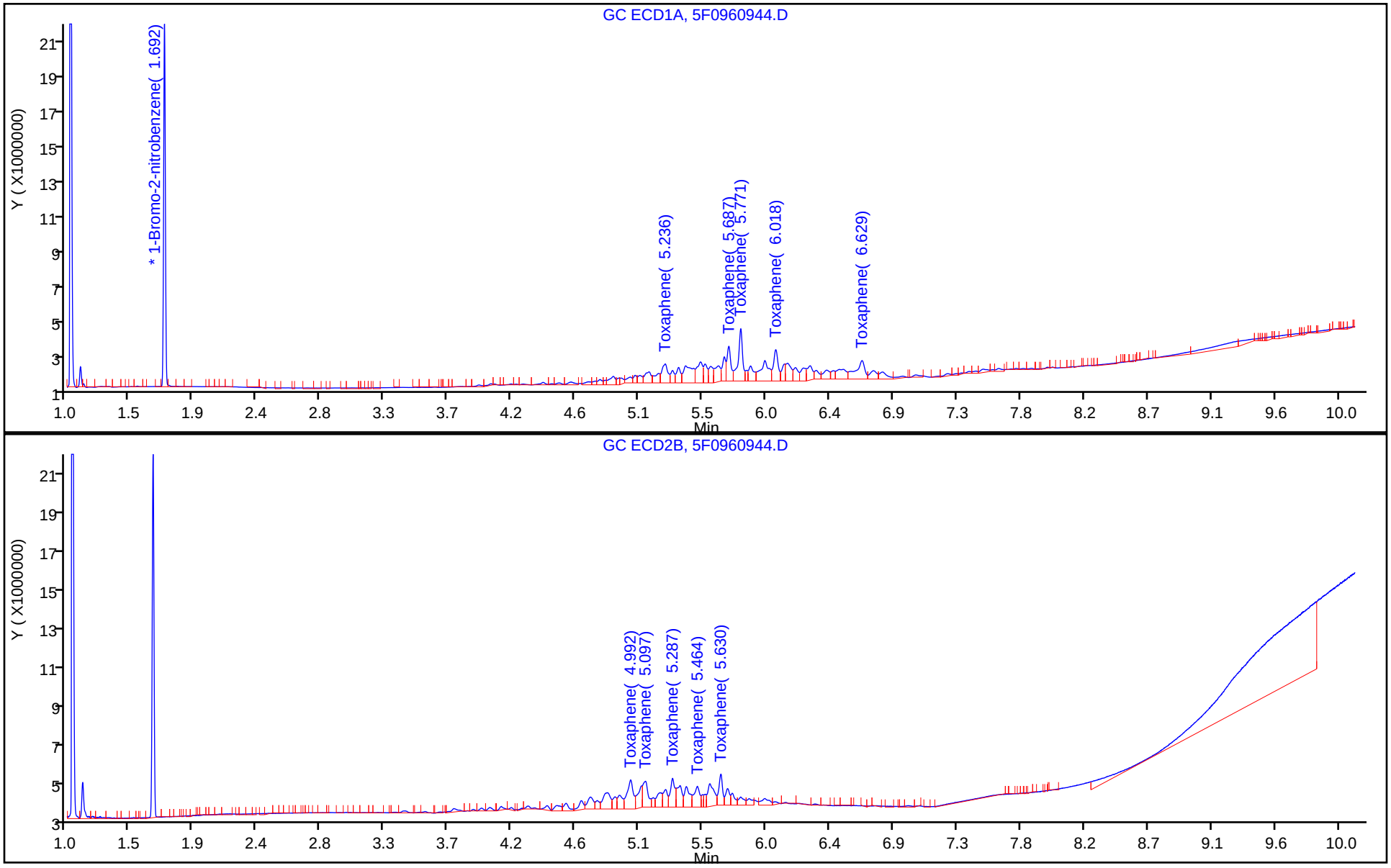
SGTOXAPHENEL3_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:09 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960944.D

Injection Date:	17-Apr-2023 13:57:30	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960945.D
Lims ID: IC
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 17-Apr-2023 14:10:27 ALS Bottle#: 18 Worklist Smp#: 18
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-018
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:12 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 06:57:21

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.692	1.692	0.000	16218432	100.0	100.0	M
2	1.611	1.611	0.000	16408712	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.236	5.236	0.000	5368243	1000.0	1039.8	M
1	5.686	5.686	0.000	6643304	1000.0	979.8	M
1	5.770	5.770	0.000	11653488	1000.0	1042.0	M
1	6.018	6.018	0.000	7116440	1000.0	1106.5	M
1	6.630	6.630	0.000	6801340	1000.0	936.4	M
		Average of Peak Amounts =				1020.9	
2	4.991	4.991	0.000	8854370	1000.0	1102.7	
2	5.095	5.095	0.000	7196390	1000.0	1025.6	M
2	5.288	5.288	0.000	6114382	1000.0	961.7	
2	5.463	5.463	0.000	5637515	1000.0	1045.8	
2	5.629	5.629	0.000	6370534	1000.0	1122.7	
		Average of Peak Amounts =				1051.7	
						RPD = 2.97	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

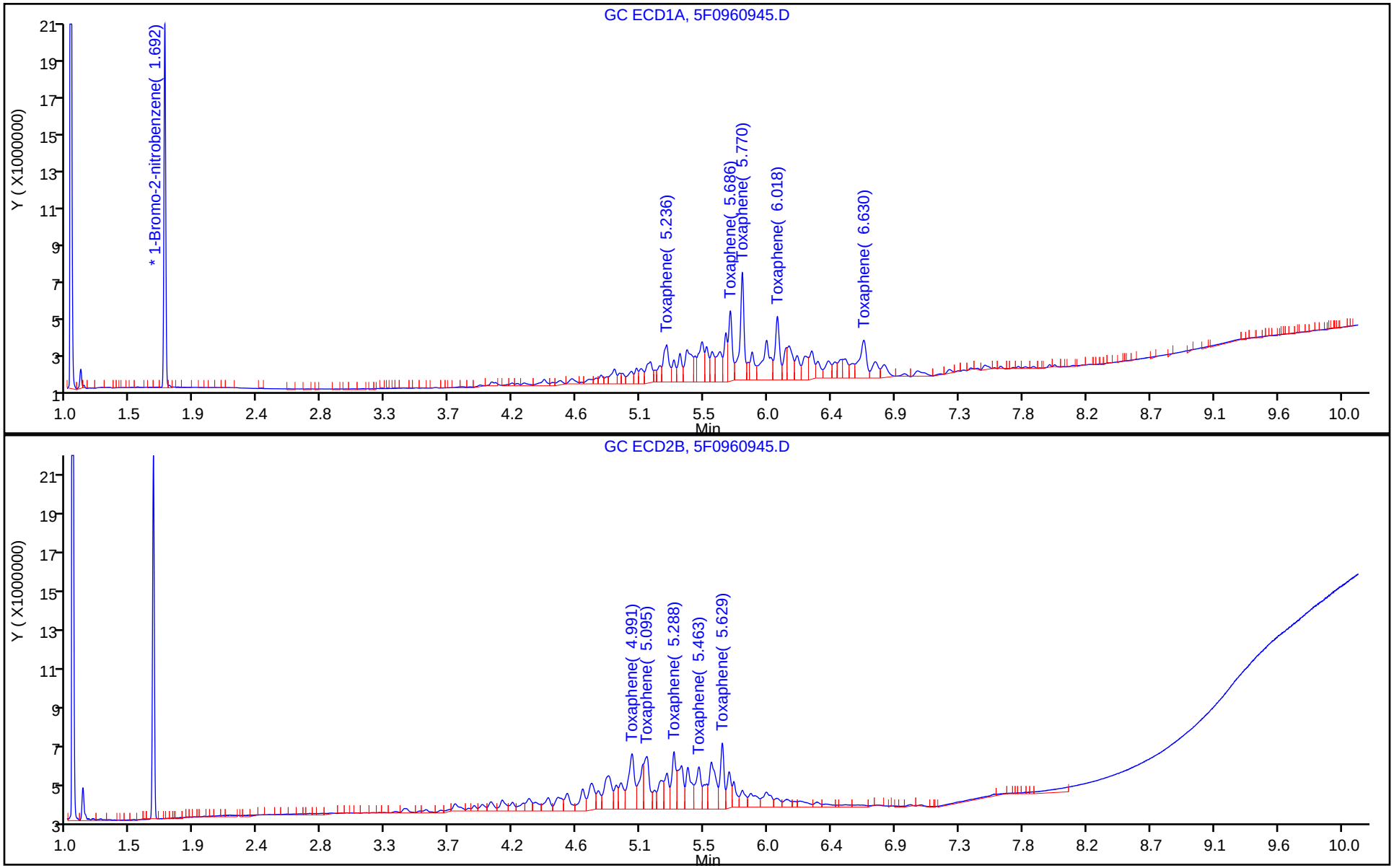
SGTOXAPHENEL4_00011	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960945.D

Injection Date:	17-Apr-2023 14:10:27	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	18
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960946.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Apr-2023 14:23:32 ALS Bottle#: 19 Worklist Smp#: 19
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-019
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:16 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:24:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16308812	100.0	100.0	
2	1.609	1.611	-0.002	15527446	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.234	5.236	-0.002	7747862	1500.0	1492.4	M
1	5.686	5.686	0.000	9636838	1500.0	1413.4	M
1	5.770	5.770	0.000	16664209	1500.0	1481.8	M
1	6.018	6.018	0.000	10202941	1500.0	1577.6	M
1	6.630	6.630	0.000	10472079	1500.0	1420.4	M
		Average of Peak Amounts =				1477.1	
2	4.990	4.991	-0.001	12152844	1500.0	1599.4	
2	5.094	5.095	-0.001	9696986	1500.0	1460.4	M
2	5.288	5.288	0.000	9622681	1500.0	1599.3	
2	5.463	5.463	0.000	7625426	1500.0	1494.9	
2	5.629	5.629	0.000	8697031	1500.0	1619.7	
		Average of Peak Amounts =				1554.7	
						RPD = 5.12	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

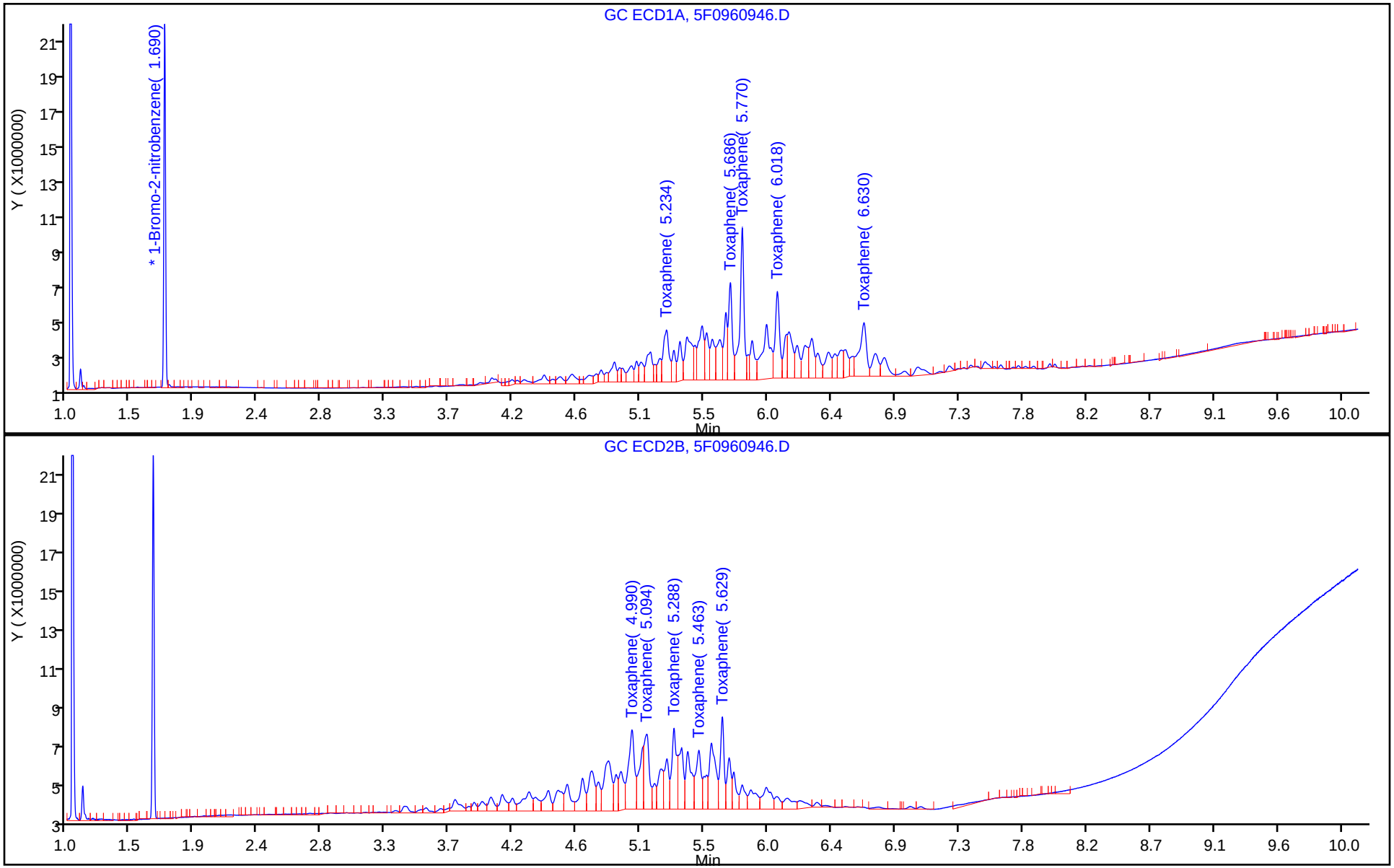
SGTOXAPHENEL5_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:17 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960946.D

Injection Date:	17-Apr-2023 14:23:32	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	19
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D
Lims ID: IC
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Apr-2023 14:36:28 ALS Bottle#: 20 Worklist Smp#: 20
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-020
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:24:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							M
1	1.690	1.692	-0.002	15874774	100.0	100.0	M
2	1.610	1.611	-0.001	16001323	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.235	5.236	-0.001	11029402	2500.0	2182.5	M
1	5.685	5.686	-0.001	14096110	2500.0	2123.9	M
1	5.770	5.770	0.000	23938215	2500.0	2186.8	M
1	6.018	6.018	0.000	14665994	2500.0	2329.6	M
1	6.628	6.630	-0.002	18470444	2500.0	2553.4	M
		Average of Peak Amounts =				2275.3	
2	4.991	4.991	0.000	18316077	2500.0	2339.1	M
2	5.097	5.095	0.002	15078831	2500.0	2203.7	M
2	5.288	5.288	0.000	13137000	2500.0	2118.8	M
2	5.463	5.463	0.000	11287270	2500.0	2147.2	M
2	5.629	5.629	0.000	12992667	2500.0	2348.0	M
		Average of Peak Amounts =				2231.4	
						RPD = 1.95	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

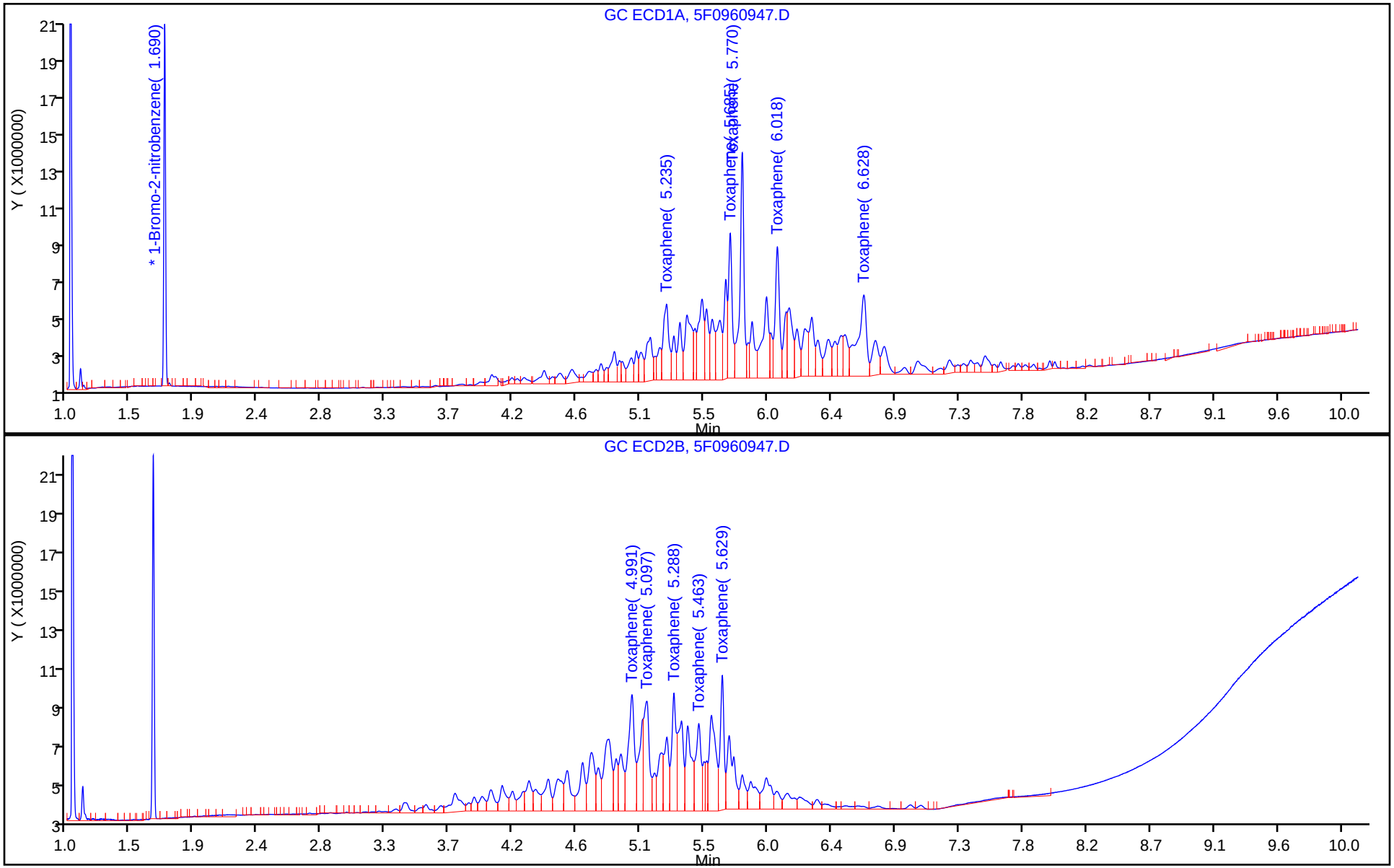
SGTOXAPHENEL6_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:21:20 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Injection Date:	17-Apr-2023 14:36:28	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	IC			Worklist Smp#:	20
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: PEM 460-904358/2 Calibration Date: 04/21/2023 02:58

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0011751.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.39	72954745	10.06	15	
Endrin aldehyde	5.98	2651017			
Endrin ketone	7.18	5510136			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.84	65036877	5.37	15	
4,4'-DDD	5.50	3007641			
4,4'-DDE	4.94	682784			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011751.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 21-Apr-2023 02:58:05 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-002
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:38:23 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.620	1.622	-0.002	33406375	100.0	100.0	
2	1.494	1.497	-0.003	64583330	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.944	4.943	0.001	682784		1.36	
2	3.835	3.837	-0.002	1237034		1.60	
						RPD = 16.35	
20 Endrin							
1	5.387	5.387	0.000	72954745	250.0	140.1	
2	4.410	4.411	-0.001	110603066	250.0	143.9	
						RPD = 2.64	
16 4,4'-DDD							
1	5.500	5.498	0.002	3007641		6.84	
2	4.499	4.498	0.001	4319387		7.00	
						RPD = 2.26	
21 4,4'-DDT							
1	5.842	5.842	0.000	65036877	250.0	166.3	
2	4.815	4.817	-0.002	94185440	250.0	157.7	
						RPD = 5.33	
5 Endrin aldehyde							
1	5.976	5.975	0.001	2651017		7.58	
2	5.090	5.090	0.000	4277521		7.62	
						RPD = 0.52	
13 Endrin ketone							
1	7.180	7.181	-0.001	5510136		10.6	
2	5.745	5.746	-0.001	9189796		11.0	
						RPD = 3.53	

Reagents:

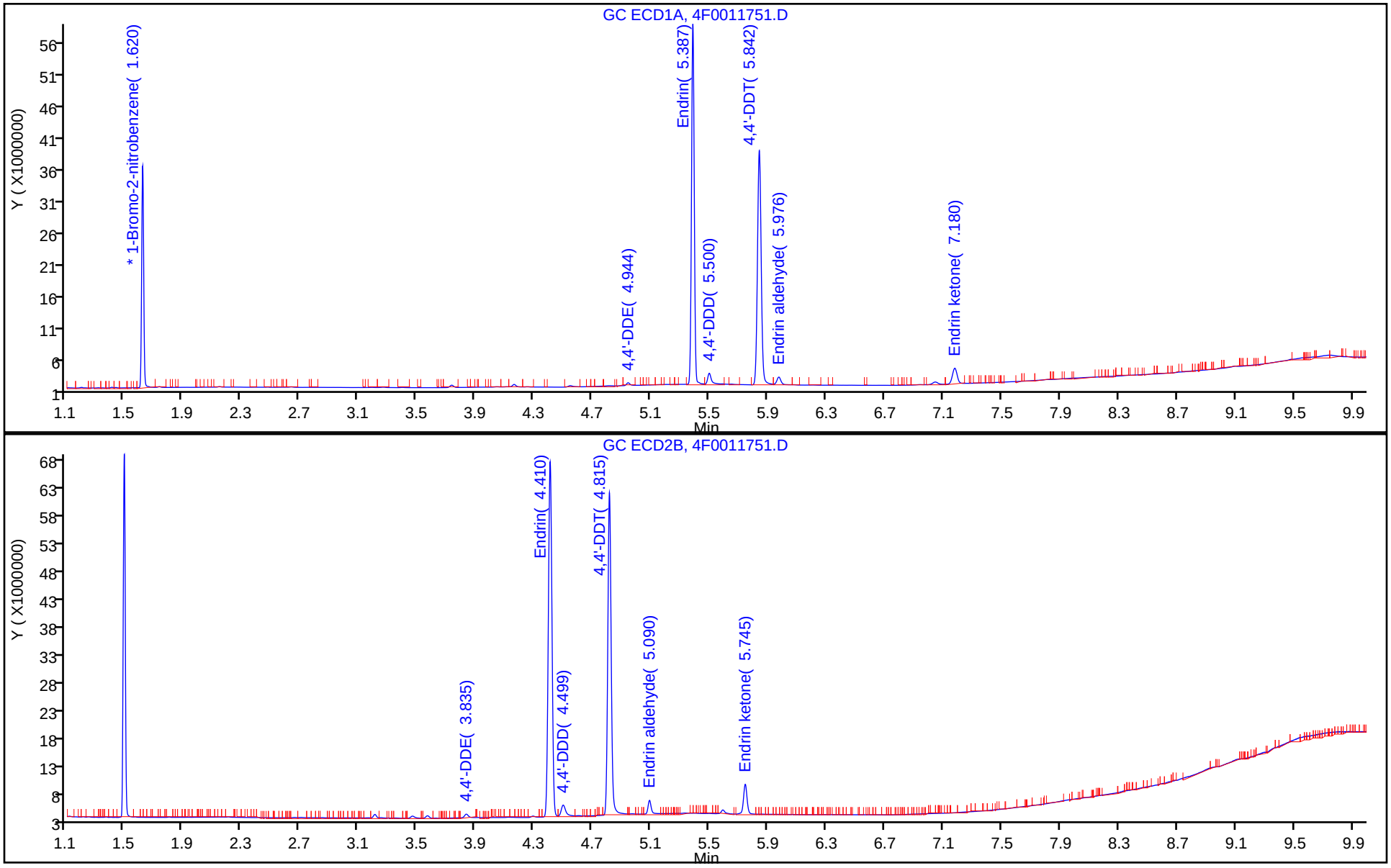
SGDDT/Ei_00043	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 21-Apr-2023 06:39:10 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011751.D

Injection Date:	21-Apr-2023 02:58:05	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Lab Sample ID: PEM 460-904358/2 | Calibration Date: 04/21/2023 02:58

Instrument ID: CPESTGC4 | Calib Start Date: 01/18/2023 09:25

GC Column: Rtx-CLP ID: 0.53(mm) | Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0011751.D | Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.41	110603066	10.85	15	
Endrin aldehyde	5.09	4277521			
Endrin ketone	5.75	9189796			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	4.82	94185440	5.57	15	
4,4'-DDD	4.50	4319387			
4,4'-DDE	3.84	1237034			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011751.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 21-Apr-2023 02:58:05 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-002
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:38:23 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.620	1.622	-0.002	33406375	100.0	100.0	
2	1.494	1.497	-0.003	64583330	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	4.944	4.943	0.001	682784		1.36	
2	3.835	3.837	-0.002	1237034		1.60	
						RPD = 16.35	
20 Endrin							
1	5.387	5.387	0.000	72954745	250.0	140.1	
2	4.410	4.411	-0.001	110603066	250.0	143.9	
						RPD = 2.64	
16 4,4'-DDD							
1	5.500	5.498	0.002	3007641		6.84	
2	4.499	4.498	0.001	4319387		7.00	
						RPD = 2.26	
21 4,4'-DDT							
1	5.842	5.842	0.000	65036877	250.0	166.3	
2	4.815	4.817	-0.002	94185440	250.0	157.7	
						RPD = 5.33	
5 Endrin aldehyde							
1	5.976	5.975	0.001	2651017		7.58	
2	5.090	5.090	0.000	4277521		7.62	
						RPD = 0.52	
13 Endrin ketone							
1	7.180	7.181	-0.001	5510136		10.6	
2	5.745	5.746	-0.001	9189796		11.0	
						RPD = 3.53	

Reagents:

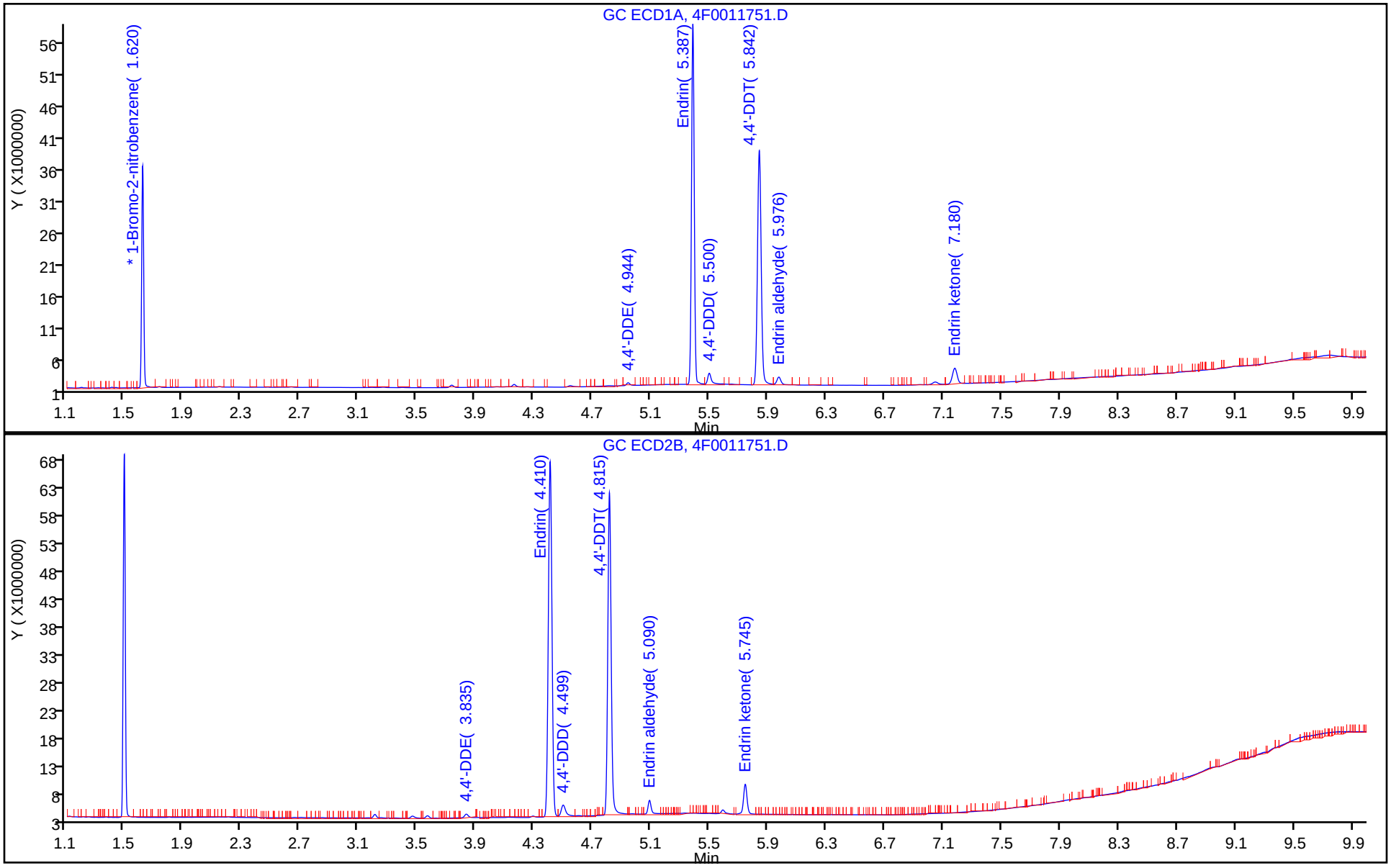
SGDDT/Ei_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 21-Apr-2023 06:39:10 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011751.D

Injection Date:	21-Apr-2023 02:58:05	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: PEM 460-904119/2 Calibration Date: 04/20/2023 03:12

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960968.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	5.52	47802861	1.25	15	
Endrin aldehyde	6.02	266211			
Endrin ketone	7.07	339120			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.91	42613718	3.78	15	
4,4'-DDD	5.62	1140410			
4,4'-DDE	5.10	532821			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960968.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 20-Apr-2023 03:12:15 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-002
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:01:51 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 03:23:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.684	1.687	-0.003	19835689	100.0	100.0	
2	1.602	1.606	-0.004	17273651	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	5.099	5.101	-0.002	532821		2.23	
2	4.171	4.173	-0.002	298627		1.74	
						RPD = 24.57	
20 Endrin							
1	5.515	5.517	-0.002	47802861	250.0	216.1	
2	4.777	4.779	-0.002	30087566	250.0	206.0	
						RPD = 4.79	
16 4,4'-DDD							
1	5.623	5.620	0.003	1140410		5.60	
2	4.853	4.852	0.001	446190		3.06	
						RPD = 58.49	
21 4,4'-DDT							
1	5.905	5.906	-0.001	42613718	250.0	253.2	
2	5.113	5.114	-0.001	27928354	250.0	199.8	
						RPD = 23.56	
5 Endrin aldehyde							
1	6.015	6.014	0.001	266211		1.50	
2	5.350	5.352	-0.002	218841		1.82	
						RPD = 19.74	
13 Endrin ketone							
1	7.072	7.074	-0.002	339120		1.46	
2	5.941	5.946	-0.005	681482		3.73	
						RPD = 87.34	

QC Flag Legend

Processing Flags

Reagents:

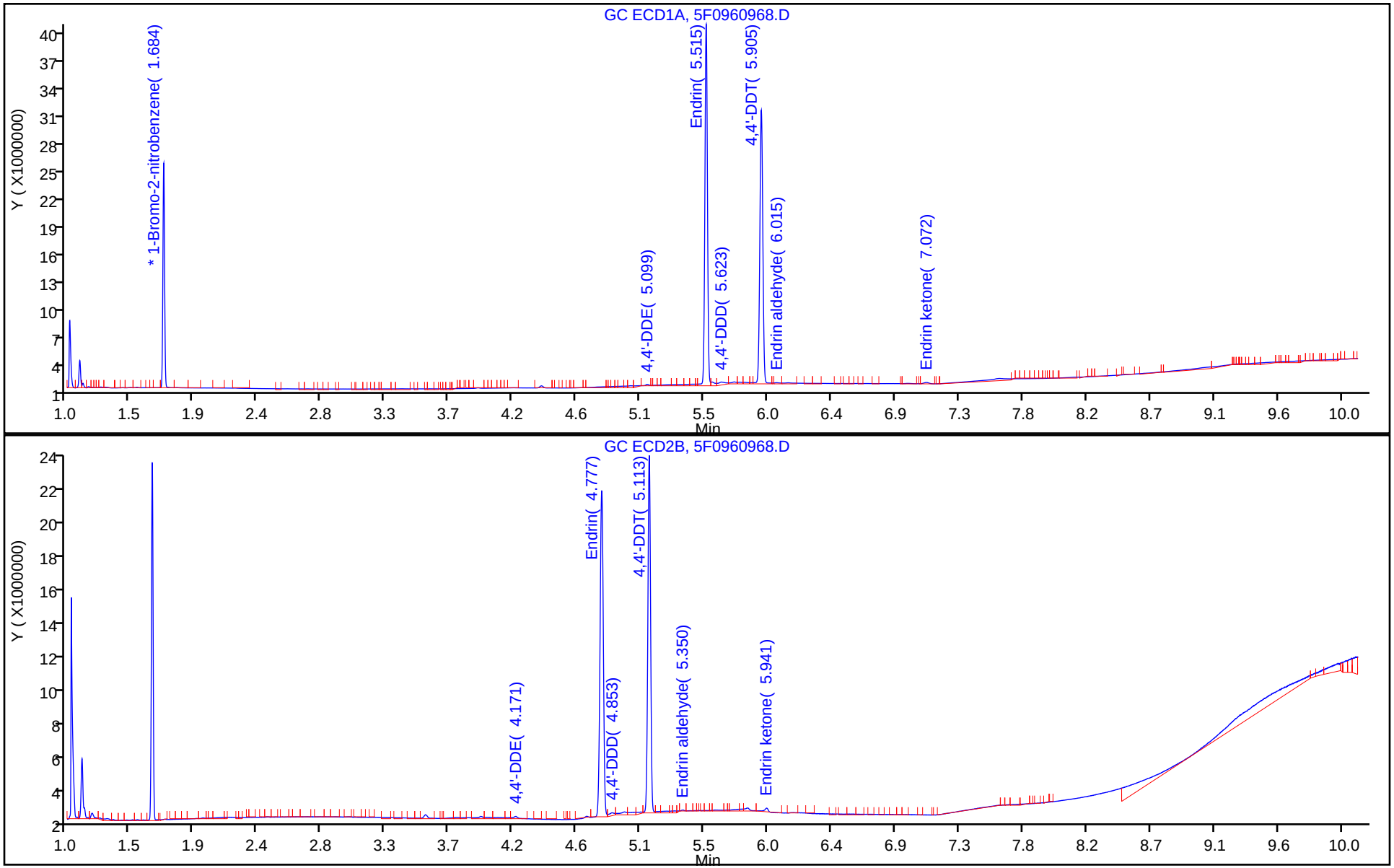
SGDDT/Ei_00043	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 06:02:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960968.D

Injection Date:	20-Apr-2023 03:12:15	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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FORM VII
PESTICIDES PERFORMANCE EVALUATION MIXTURE (PEM)

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: PEM 460-904119/2 Calibration Date: 04/20/2023 03:12

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960968.D Conc. Units: ug/L

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
Endrin	4.78	30087566	2.91	15	
Endrin aldehyde	5.35	218841			
Endrin ketone	5.94	681482			

ANALYTE	RT	RESPONSE	BREAKDOWN (%)	LIMIT	#
4,4'-DDT	5.11	27928354	2.60	15	
4,4'-DDD	4.85	446190			
4,4'-DDE	4.17	298627			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960968.D
Lims ID: PEM
Client ID:
Sample Type: PEM
Inject. Date: 20-Apr-2023 03:12:15 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-002
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:01:51 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 03:23:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.684	1.687	-0.003	19835689	100.0	100.0	
2	1.602	1.606	-0.004	17273651	100.0	100.0	
						RPD = 0.00	
25 4,4'-DDE							
1	5.099	5.101	-0.002	532821		2.23	
2	4.171	4.173	-0.002	298627		1.74	
						RPD = 24.57	
20 Endrin							
1	5.515	5.517	-0.002	47802861	250.0	216.1	
2	4.777	4.779	-0.002	30087566	250.0	206.0	
						RPD = 4.79	
16 4,4'-DDD							
1	5.623	5.620	0.003	1140410		5.60	
2	4.853	4.852	0.001	446190		3.06	
						RPD = 58.49	
21 4,4'-DDT							
1	5.905	5.906	-0.001	42613718	250.0	253.2	
2	5.113	5.114	-0.001	27928354	250.0	199.8	
						RPD = 23.56	
5 Endrin aldehyde							
1	6.015	6.014	0.001	266211		1.50	
2	5.350	5.352	-0.002	218841		1.82	
						RPD = 19.74	
13 Endrin ketone							
1	7.072	7.074	-0.002	339120		1.46	
2	5.941	5.946	-0.005	681482		3.73	
						RPD = 87.34	

QC Flag Legend

Processing Flags

Reagents:

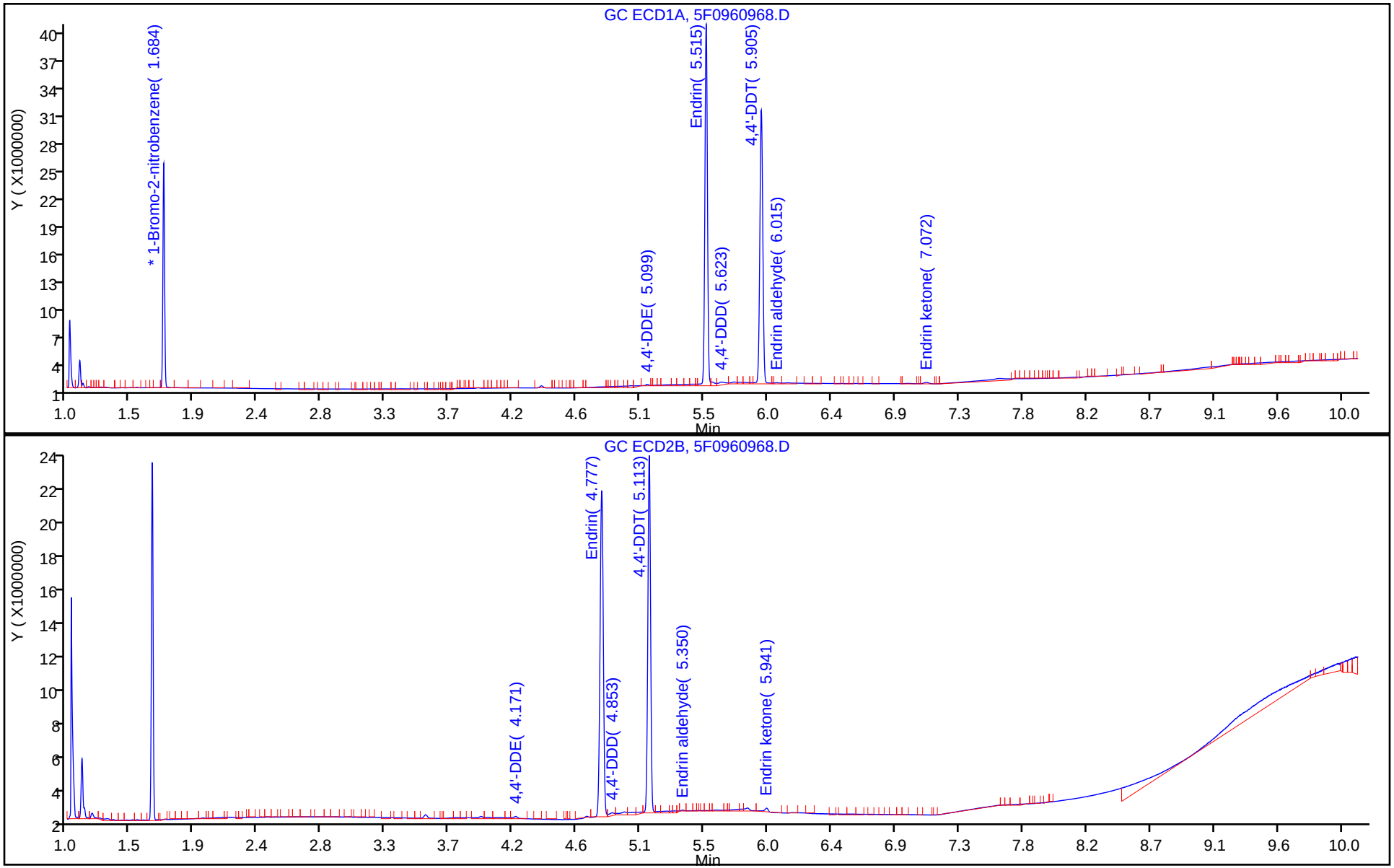
SGDDT/Ei_00043	Amount Added:	1.00	Units: mL	
SGPESTISTD_00020	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 06:02:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960968.D

Injection Date:	20-Apr-2023 03:12:15	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	PEM			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



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FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/9 Calibration Date: 01/18/2023 11:00

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0009509.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.665	1.743		105	100	4.7	20.0
gamma-BHC (Lindane)	Ave	1.503	1.565		104	100	4.1	20.0
beta-BHC	Ave	0.6859	0.6964		102	100	1.5	20.0
delta-BHC	Ave	1.500	1.564		104	100	4.3	20.0
Heptachlor	Ave	1.578	1.676		106	100	6.2	20.0
Aldrin	Ave	1.643	1.662		101	100	1.2	20.0
Heptachlor epoxide	Ave	1.453	1.507		104	100	3.7	20.0
trans-Chlordane	Ave	1.458	1.517		104	100	4.0	20.0
cis-Chlordane	Ave	1.446	1.488		103	100	2.9	20.0
Endosulfan I	Ave	1.398	1.437		103	100	2.8	20.0
4,4'-DDE	Ave	1.503	1.551		103	100	3.2	20.0
Dieldrin	Ave	1.610	1.668		104	100	3.6	20.0
Endrin	Ave	1.558	1.603		103	100	2.9	20.0
4,4'-DDD	Ave	1.316	1.323		101	100	0.5	20.0
Endosulfan II	Ave	1.504	1.601		106	100	6.5	20.0
4,4'-DDT	Ave	1.171	1.293		110	100	10.4	20.0
Endrin aldehyde	Ave	1.047	1.141		109	100	9.0	20.0
Endosulfan sulfate	Ave	1.366	1.407		103	100	2.9	20.0
Methoxychlor	Ave	0.5949	0.6804		114	100	14.4	20.0
Mirex	Ave	1.200	1.311		109	100	9.2	20.0
Endrin ketone	Ave	1.559	1.665		107	100	6.8	20.0
Tetrachloro-m-xylene	Ave	1.137	1.180		104	100	3.8	20.0
DCB Decachlorobiphenyl	Ave	1.413	1.455		103	100	2.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/9 Calibration Date: 01/18/2023 11:00

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0009509.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.62	2.61	2.63
gamma-BHC (Lindane)	2.93	2.92	2.94
beta-BHC	2.99	2.98	3.00
delta-BHC	3.29	3.28	3.30
Heptachlor	3.38	3.37	3.39
Aldrin	3.77	3.76	3.78
Heptachlor epoxide	4.42	4.41	4.43
trans-Chlordane	4.66	4.65	4.67
cis-Chlordane	4.82	4.81	4.83
Endosulfan I	4.89	4.87	4.89
4,4'-DDE	4.99	4.98	5.00
Dieldrin	5.15	5.14	5.16
Endrin	5.43	5.42	5.44
4,4'-DDD	5.54	5.53	5.55
Endosulfan II	5.64	5.63	5.65
4,4'-DDT	5.90	5.88	5.90
Endrin aldehyde	6.03	6.02	6.04
Endosulfan sulfate	6.42	6.41	6.43
Methoxychlor	6.98	6.97	6.99
Mirex	7.17	7.09	7.23
Endrin ketone	7.25	7.17	7.31
Tetrachloro-m-xylene	2.17	2.16	2.18
DCB Decachlorobiphenyl	8.37	8.27	8.47

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009509.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 18-Jan-2023 11:00:45 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-009
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 09:48:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	23739050	100.0	100.0	
2	1.508	1.508	0.000	45366844	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.173	2.172	0.001	28012975	100.0	103.8	
2	1.865	1.864	0.001	51435830	100.0	101.8	
						RPD = 1.86	
15 alpha-BHC							
1	2.621	2.619	0.002	41385288	100.0	104.7	
2	2.174	2.173	0.001	71525215	100.0	104.9	
						RPD = 0.22	
2 gamma-BHC (Lindane)							
1	2.928	2.925	0.003	37156723	100.0	104.1	
2	2.373	2.371	0.002	64747505	100.0	103.1	
						RPD = 0.99	
6 beta-BHC							
1	2.987	2.985	0.002	16531435	100.0	101.5	
2	2.422	2.420	0.002	28721519	100.0	102.5	
						RPD = 0.99	
32 delta-BHC							
1	3.290	3.288	0.002	37127564	100.0	104.3	
2	2.549	2.548	0.001	65474799	100.0	103.5	
						RPD = 0.70	
18 Heptachlor							
1	3.383	3.381	0.002	39784634	100.0	106.2	
2	2.708	2.706	0.002	61636357	100.0	106.4	
						RPD = 0.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.768	3.765	0.003	39455651	100.0	101.2	
2	2.951	2.949	0.002	63198749	100.0	101.2	
						RPD = 0.01	
12 Heptachlor epoxide							
1	4.420	4.418	0.002	35772378	100.0	103.7	
2	3.522	3.519	0.003	58805713	100.0	103.4	
						RPD = 0.31	
9 trans-Chlordane							
1	4.658	4.655	0.003	36006639	100.0	104.0	
2	3.655	3.653	0.002	59339424	100.0	105.7	
						RPD = 1.63	
23 cis-Chlordane							
1	4.823	4.820	0.003	35330900	100.0	102.9	
2	3.801	3.798	0.003	57177124	100.0	103.2	
						RPD = 0.23	
7 Endosulfan I							
1	4.887	4.884	0.003	34114163	100.0	102.8	
2	3.949	3.947	0.002	56201897	100.0	104.4	
						RPD = 1.56	
25 4,4'-DDE							
1	4.989	4.986	0.003	36822328	100.0	103.2	
2	3.881	3.878	0.003	56220947	100.0	103.6	
						RPD = 0.43	
30 Dieldrin							
1	5.153	5.150	0.003	39592659	100.0	103.6	
2	4.201	4.199	0.002	60009141	100.0	101.0	
						RPD = 2.56	
20 Endrin							
1	5.431	5.429	0.002	38061229	100.0	102.9	
2	4.465	4.462	0.003	55709324	100.0	103.2	
						RPD = 0.28	
16 4,4'-DDD							
1	5.543	5.540	0.003	31412499	100.0	100.5	
2	4.550	4.547	0.003	45388158	100.0	104.6	
						RPD = 4.03	
11 Endosulfan II							
1	5.639	5.637	0.002	38013890	100.0	106.5	
2	4.723	4.721	0.002	52399047	100.0	104.6	
						RPD = 1.82	
21 4,4'-DDT							M
1	5.896	5.893	0.003	30690792	100.0	110.4	
2	4.860	4.857	0.003	45624147	100.0	108.7	M
						RPD = 1.56	
5 Endrin aldehyde							M
1	6.033	6.031	0.002	27084027	100.0	109.0	
2	5.131	5.129	0.002	41179078	100.0	104.4	M
						RPD = 4.27	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.422	6.419	0.003	33392112	100.0	102.9	
2	5.519	5.517	0.002	54342696	100.0	105.3	M
						RPD = 2.26	
10 Methoxychlor							M
1	6.980	6.976	0.004	16151989	100.0	114.4	M
2	5.326	5.324	0.002	24117333	100.0	114.3	M
						RPD = 0.02	
34 Mirex							M
1	7.167	7.164	0.003	31122293	100.0	109.2	M
2	5.406	5.404	0.002	45502419	100.0	108.7	M
						RPD = 0.48	
13 Endrin ketone							M
1	7.246	7.243	0.003	39532459	100.0	106.8	M
2	5.795	5.793	0.002	62110152	100.0	105.4	M
						RPD = 1.29	
$ 24 DCB Decachlorobiphenyl							
1	8.370	8.367	0.003	34532529	100.0	102.9	
2	7.313	7.309	0.004	59886164	100.0	104.3	
						RPD = 1.33	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPTICV_00047	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:56:56 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009509.D

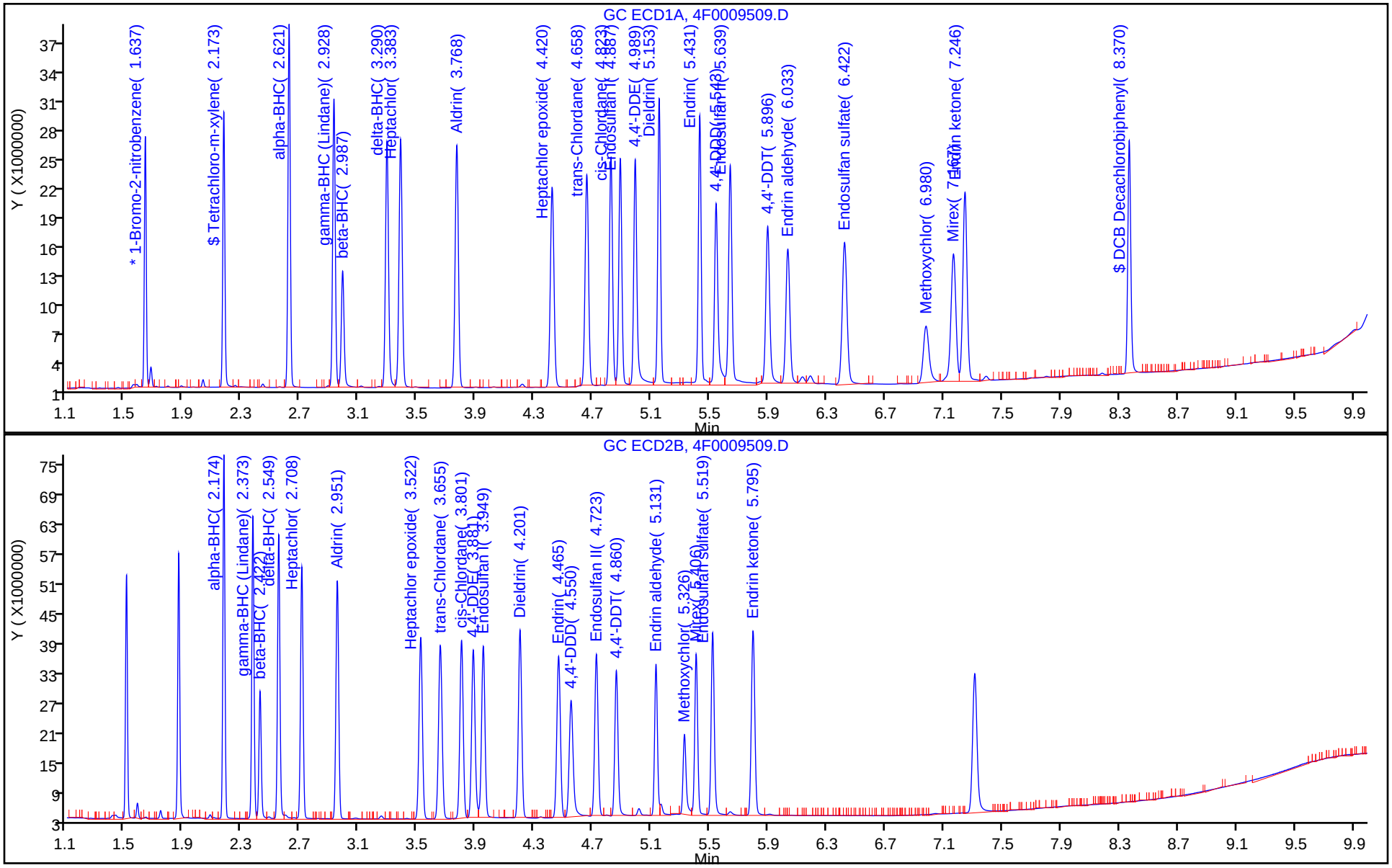
Injection Date: 18-Jan-2023 11:00:45 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/9 Calibration Date: 01/18/2023 11:00

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0009509.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.502	1.577		105	100	4.9	20.0
gamma-BHC (Lindane)	Ave	1.384	1.427		103	100	3.1	20.0
beta-BHC	Ave	0.6175	0.6331		103	100	2.5	20.0
delta-BHC	Ave	1.394	1.443		104	100	3.5	20.0
Heptachlor	Ave	1.276	1.359		106	100	6.4	20.0
Aldrin	Ave	1.377	1.393		101	100	1.2	20.0
Heptachlor epoxide	Ave	1.254	1.296		103	100	3.4	20.0
trans-Chlordane	Ave	1.237	1.308		106	100	5.7	20.0
cis-Chlordane	Ave	1.222	1.260		103	100	3.2	20.0
4,4'-DDE	Ave	1.196	1.239		104	100	3.6	20.0
Endosulfan I	Ave	1.187	1.239		104	100	4.4	20.0
Dieldrin	Ave	1.310	1.323		101	100	1.0	20.0
Endrin	Ave	1.190	1.228		103	100	3.2	20.0
4,4'-DDD	Ave	0.9560	1.000		105	100	4.6	20.0
Endosulfan II	Ave	1.104	1.155		105	100	4.6	20.0
4,4'-DDT	Ave	0.9250	1.006		109	100	8.7	20.0
Endrin aldehyde	Ave	0.8691	0.9077		104	100	4.4	20.0
Methoxychlor	Ave	0.4649	0.5316		114	100	14.3	20.0
Mirex	Ave	0.9226	1.003		109	100	8.7	20.0
Endosulfan sulfate	Ave	1.138	1.198		105	100	5.3	20.0
Endrin ketone	Ave	1.299	1.369		105	100	5.4	20.0
Tetrachloro-m-xylene	Ave	1.113	1.134		102	100	1.8	20.0
DCB Decachlorobiphenyl	Ave	1.266	1.320		104	100	4.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/9 Calibration Date: 01/18/2023 11:00

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0009509.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.17	2.16	2.18
gamma-BHC (Lindane)	2.37	2.36	2.38
beta-BHC	2.42	2.41	2.43
delta-BHC	2.55	2.54	2.56
Heptachlor	2.71	2.70	2.72
Aldrin	2.95	2.94	2.96
Heptachlor epoxide	3.52	3.51	3.53
trans-Chlordane	3.66	3.64	3.66
cis-Chlordane	3.80	3.79	3.81
4,4'-DDE	3.88	3.87	3.89
Endosulfan I	3.95	3.94	3.96
Dieldrin	4.20	4.19	4.21
Endrin	4.47	4.45	4.47
4,4'-DDD	4.55	4.54	4.56
Endosulfan II	4.72	4.71	4.73
4,4'-DDT	4.86	4.85	4.87
Endrin aldehyde	5.13	5.12	5.14
Methoxychlor	5.33	5.31	5.33
Mirex	5.41	5.33	5.47
Endosulfan sulfate	5.52	5.51	5.53
Endrin ketone	5.80	5.72	5.86
Tetrachloro-m-xylene	1.87	1.85	1.87
DCB Decachlorobiphenyl	7.31	7.21	7.41

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009509.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 18-Jan-2023 11:00:45 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-009
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 09:48:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	23739050	100.0	100.0	
2	1.508	1.508	0.000	45366844	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.173	2.172	0.001	28012975	100.0	103.8	
2	1.865	1.864	0.001	51435830	100.0	101.8	
						RPD = 1.86	
15 alpha-BHC							
1	2.621	2.619	0.002	41385288	100.0	104.7	
2	2.174	2.173	0.001	71525215	100.0	104.9	
						RPD = 0.22	
2 gamma-BHC (Lindane)							
1	2.928	2.925	0.003	37156723	100.0	104.1	
2	2.373	2.371	0.002	64747505	100.0	103.1	
						RPD = 0.99	
6 beta-BHC							
1	2.987	2.985	0.002	16531435	100.0	101.5	
2	2.422	2.420	0.002	28721519	100.0	102.5	
						RPD = 0.99	
32 delta-BHC							
1	3.290	3.288	0.002	37127564	100.0	104.3	
2	2.549	2.548	0.001	65474799	100.0	103.5	
						RPD = 0.70	
18 Heptachlor							
1	3.383	3.381	0.002	39784634	100.0	106.2	
2	2.708	2.706	0.002	61636357	100.0	106.4	
						RPD = 0.21	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.768	3.765	0.003	39455651	100.0	101.2	
2	2.951	2.949	0.002	63198749	100.0	101.2	
						RPD = 0.01	
12 Heptachlor epoxide							
1	4.420	4.418	0.002	35772378	100.0	103.7	
2	3.522	3.519	0.003	58805713	100.0	103.4	
						RPD = 0.31	
9 trans-Chlordane							
1	4.658	4.655	0.003	36006639	100.0	104.0	
2	3.655	3.653	0.002	59339424	100.0	105.7	
						RPD = 1.63	
23 cis-Chlordane							
1	4.823	4.820	0.003	35330900	100.0	102.9	
2	3.801	3.798	0.003	57177124	100.0	103.2	
						RPD = 0.23	
7 Endosulfan I							
1	4.887	4.884	0.003	34114163	100.0	102.8	
2	3.949	3.947	0.002	56201897	100.0	104.4	
						RPD = 1.56	
25 4,4'-DDE							
1	4.989	4.986	0.003	36822328	100.0	103.2	
2	3.881	3.878	0.003	56220947	100.0	103.6	
						RPD = 0.43	
30 Dieldrin							
1	5.153	5.150	0.003	39592659	100.0	103.6	
2	4.201	4.199	0.002	60009141	100.0	101.0	
						RPD = 2.56	
20 Endrin							
1	5.431	5.429	0.002	38061229	100.0	102.9	
2	4.465	4.462	0.003	55709324	100.0	103.2	
						RPD = 0.28	
16 4,4'-DDD							
1	5.543	5.540	0.003	31412499	100.0	100.5	
2	4.550	4.547	0.003	45388158	100.0	104.6	
						RPD = 4.03	
11 Endosulfan II							
1	5.639	5.637	0.002	38013890	100.0	106.5	
2	4.723	4.721	0.002	52399047	100.0	104.6	
						RPD = 1.82	
21 4,4'-DDT							M
1	5.896	5.893	0.003	30690792	100.0	110.4	
2	4.860	4.857	0.003	45624147	100.0	108.7	M
						RPD = 1.56	
5 Endrin aldehyde							M
1	6.033	6.031	0.002	27084027	100.0	109.0	
2	5.131	5.129	0.002	41179078	100.0	104.4	M
						RPD = 4.27	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.422	6.419	0.003	33392112	100.0	102.9	
2	5.519	5.517	0.002	54342696	100.0	105.3	M
						RPD = 2.26	
10 Methoxychlor							M
1	6.980	6.976	0.004	16151989	100.0	114.4	M
2	5.326	5.324	0.002	24117333	100.0	114.3	M
						RPD = 0.02	
34 Mirex							M
1	7.167	7.164	0.003	31122293	100.0	109.2	M
2	5.406	5.404	0.002	45502419	100.0	108.7	M
						RPD = 0.48	
13 Endrin ketone							M
1	7.246	7.243	0.003	39532459	100.0	106.8	M
2	5.795	5.793	0.002	62110152	100.0	105.4	M
						RPD = 1.29	
$ 24 DCB Decachlorobiphenyl							
1	8.370	8.367	0.003	34532529	100.0	102.9	
2	7.313	7.309	0.004	59886164	100.0	104.3	
						RPD = 1.33	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPTICV_00047	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:56:57 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009509.D

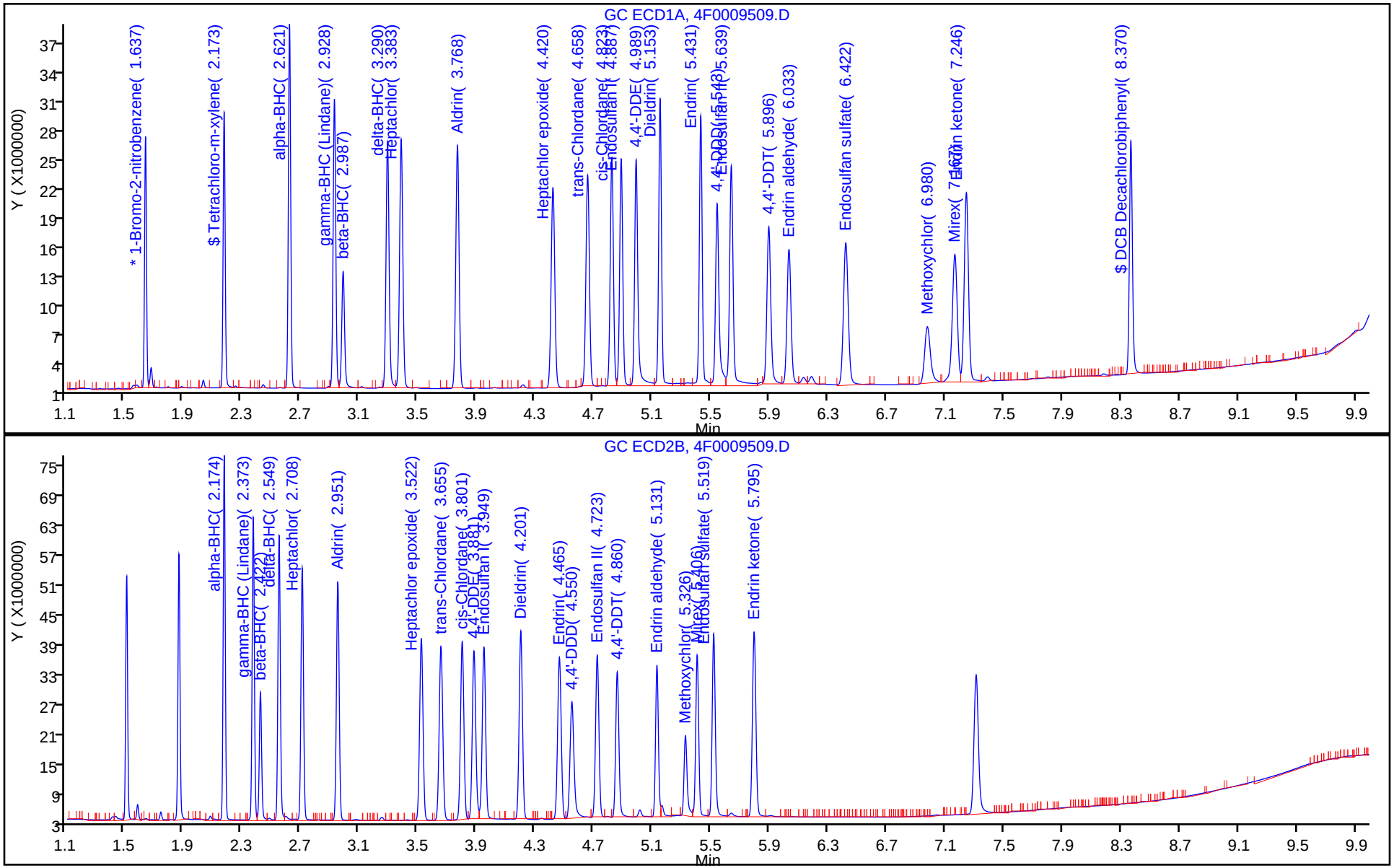
Injection Date: 18-Jan-2023 11:00:45 Instrument ID: CPESTGC4 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/15 Calibration Date: 01/18/2023 12:36

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0009515.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0422	0.0398		943	1000	-5.7	20.0
Chlordane (technical) Peak 1	Ave	0.0422	0.0398		943	1000	-5.7	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0476	0.0450		945	1000	-5.5	20.0
Chlordane (technical) Peak 2	Ave	0.0476	0.0450		945	1000	-5.5	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1571	0.1563		995	1000	-0.5	20.0
Chlordane (technical) Peak 3	Ave	0.1571	0.1563		995	1000	-0.5	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1800	0.1779		989	1000	-1.1	20.0
Chlordane (technical) Peak 4	Ave	0.1800	0.1779		989	1000	-1.1	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.1279	0.1272		994	1000	-0.6	20.0
Chlordane (technical) Peak 5	Ave	0.1279	0.1272		994	1000	-0.6	20.0
Chlordane (n.o.s.)	None		0.0398		973	1000	-2.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/15 Calibration Date: 01/18/2023 12:36

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0009515.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.23	3.13	3.33
Chlordane (technical) Peak 1	3.23	3.22	3.24
Chlordane (n.o.s.) Peak 2	3.92	3.82	4.02
Chlordane (technical) Peak 2	3.92	3.91	3.93
Chlordane (n.o.s.) Peak 3	4.66	4.56	4.76
Chlordane (technical) Peak 3	4.66	4.65	4.67
Chlordane (n.o.s.) Peak 4	4.77	4.67	4.87
Chlordane (technical) Peak 4	4.77	4.76	4.78
Chlordane (n.o.s.) Peak 5	4.82	4.72	4.92
Chlordane (technical) Peak 5	4.82	4.81	4.83
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009515.D
Lims ID: ICV CHLO
Client ID:
Sample Type: ICV
Inject. Date: 18-Jan-2023 12:36:26 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-015
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 09:50:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	24918784	100.0	100.0	
2	1.509	1.508	0.001	46447061	100.0	100.0	
						RPD = 0.00	
38 Chlordane (n.o.s.)							
1	3.228	3.227	0.001	9924220	1000.0	943.0	
1	3.924	3.923	0.001	11203453	1000.0	945.2	
1	4.659	4.657	0.002	38953990	1000.0	995.0	
1	4.766	4.766	0.000	44335676	1000.0	988.6	
1	4.824	4.823	0.001	31685233	1000.0	994.2	
		Average of Peak Amounts =				973.2	
2	2.650	2.649	0.001	16852323	1000.0	968.9	
2	3.063	3.062	0.001	20082564	1000.0	961.3	
2	3.452	3.452	0.000	12944340	1000.0	964.9	
2	3.657	3.656	0.001	68804970	1000.0	982.6	
2	3.785	3.783	0.002	117053059	1000.0	971.3	
		Average of Peak Amounts =				969.8	
						RPD = 0.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							
1	3.228	3.227	0.001	9924220	1000.0	943.0	
1	3.924	3.923	0.001	11203453	1000.0	945.2	
1	4.659	4.657	0.002	38953990	1000.0	995.0	
1	4.766	4.766	0.000	44335676	1000.0	988.6	
1	4.824	4.823	0.001	31685233	1000.0	994.2	
		Average of Peak Amounts =				973.2	
2	2.650	2.649	0.001	16852323	1000.0	968.9	
2	3.063	3.062	0.001	20082564	1000.0	961.3	
2	3.452	3.452	0.000	12944340	1000.0	964.9	
2	3.657	3.656	0.001	68804970	1000.0	982.6	
2	3.785	3.783	0.002	117053059	1000.0	971.3	
		Average of Peak Amounts =				969.8	
						RPD = 0.35	

QC Flag Legend

Processing Flags

Reagents:

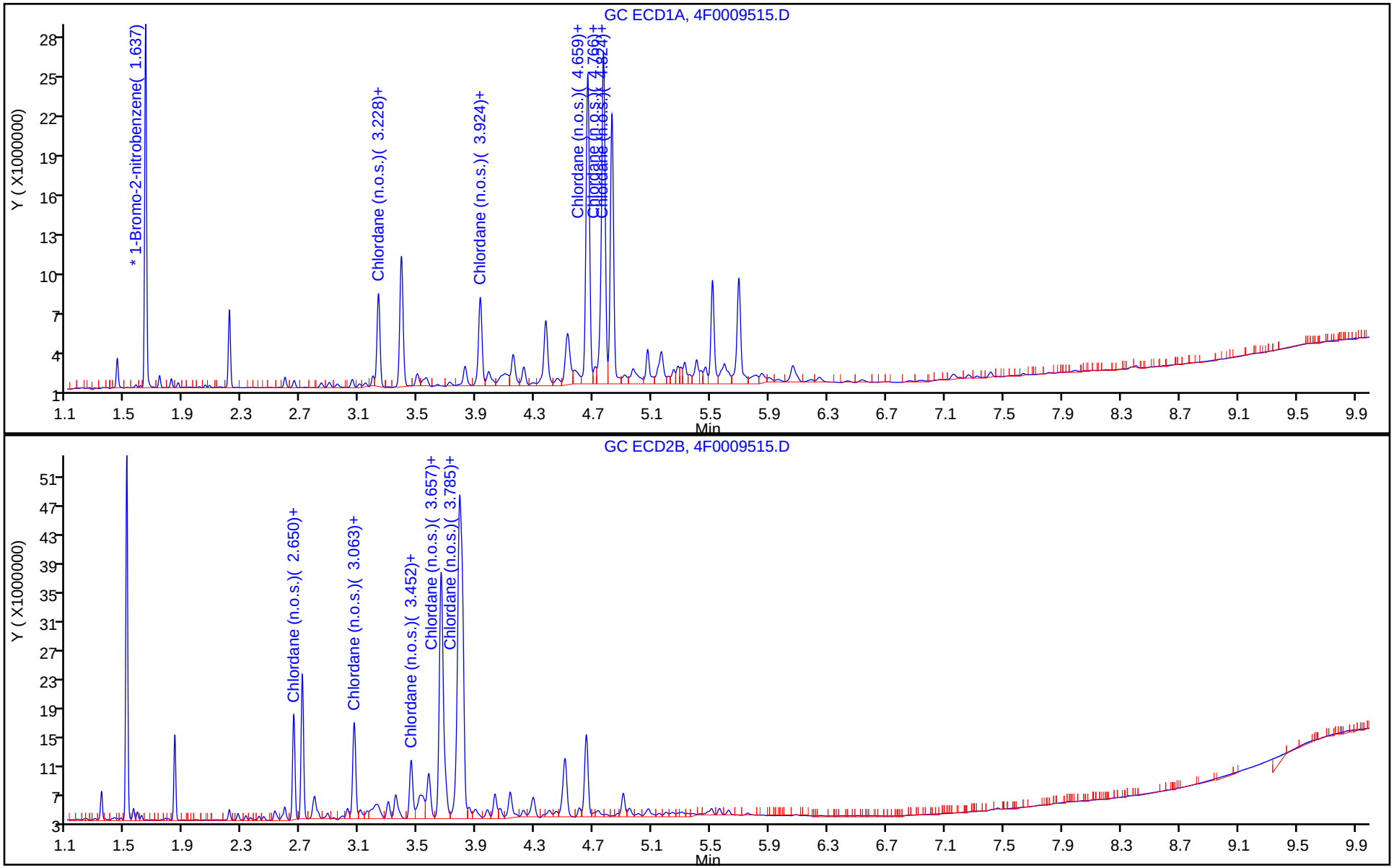
SGCHLOR ICV_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:57:00 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009515.D

Injection Date:	18-Jan-2023 12:36:26	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	ICV CHLO			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/15 Calibration Date: 01/18/2023 12:36

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0009515.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0374	0.0363		969	1000	-3.1	20.0
Chlordane (technical) Peak 1	Ave	0.0374	0.0363		969	1000	-3.1	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0450	0.0432		961	1000	-3.9	20.0
Chlordane (technical) Peak 2	Ave	0.0450	0.0432		961	1000	-3.9	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0289	0.0279		965	1000	-3.5	20.0
Chlordane (technical) Peak 3	Ave	0.0289	0.0279		965	1000	-3.5	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1508	0.1481		983	1000	-1.7	20.0
Chlordane (technical) Peak 4	Ave	0.1508	0.1481		983	1000	-1.7	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2595	0.2520		971	1000	-2.9	20.0
Chlordane (technical) Peak 5	Ave	0.2595	0.2520		971	1000	-2.9	20.0
Chlordane (n.o.s.)	None		0.0363		970	1000	-3.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/15 Calibration Date: 01/18/2023 12:36

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0009515.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.65	2.55	2.75
Chlordane (technical) Peak 1	2.65	2.64	2.66
Chlordane (n.o.s.) Peak 2	3.06	2.96	3.16
Chlordane (technical) Peak 2	3.06	3.05	3.07
Chlordane (n.o.s.) Peak 3	3.45	3.35	3.55
Chlordane (technical) Peak 3	3.45	3.44	3.46
Chlordane (n.o.s.) Peak 4	3.66	3.56	3.76
Chlordane (technical) Peak 4	3.66	3.65	3.67
Chlordane (n.o.s.) Peak 5	3.79	3.68	3.88
Chlordane (technical) Peak 5	3.79	3.77	3.79
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009515.D
Lims ID: ICV CHLO
Client ID:
Sample Type: ICV
Inject. Date: 18-Jan-2023 12:36:26 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-015
Operator ID: Instrument ID: CPESTGC4
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: ESS0 Date: 19-Jan-2023 09:50:16

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.637	1.636	0.001	24918784	100.0	100.0	
2	1.509	1.508	0.001	46447061	100.0	100.0	
						RPD = 0.00	
38 Chlordane (n.o.s.)							
1	3.228	3.227	0.001	9924220	1000.0	943.0	
1	3.924	3.923	0.001	11203453	1000.0	945.2	
1	4.659	4.657	0.002	38953990	1000.0	995.0	
1	4.766	4.766	0.000	44335676	1000.0	988.6	
1	4.824	4.823	0.001	31685233	1000.0	994.2	
		Average of Peak Amounts =				973.2	
2	2.650	2.649	0.001	16852323	1000.0	968.9	
2	3.063	3.062	0.001	20082564	1000.0	961.3	
2	3.452	3.452	0.000	12944340	1000.0	964.9	
2	3.657	3.656	0.001	68804970	1000.0	982.6	
2	3.785	3.783	0.002	117053059	1000.0	971.3	
		Average of Peak Amounts =				969.8	
						RPD = 0.35	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							
1	3.228	3.227	0.001	9924220	1000.0	943.0	
1	3.924	3.923	0.001	11203453	1000.0	945.2	
1	4.659	4.657	0.002	38953990	1000.0	995.0	
1	4.766	4.766	0.000	44335676	1000.0	988.6	
1	4.824	4.823	0.001	31685233	1000.0	994.2	
		Average of Peak Amounts =				973.2	
2	2.650	2.649	0.001	16852323	1000.0	968.9	
2	3.063	3.062	0.001	20082564	1000.0	961.3	
2	3.452	3.452	0.000	12944340	1000.0	964.9	
2	3.657	3.656	0.001	68804970	1000.0	982.6	
2	3.785	3.783	0.002	117053059	1000.0	971.3	
		Average of Peak Amounts =				969.8	
						RPD = 0.35	

QC Flag Legend

Processing Flags

Reagents:

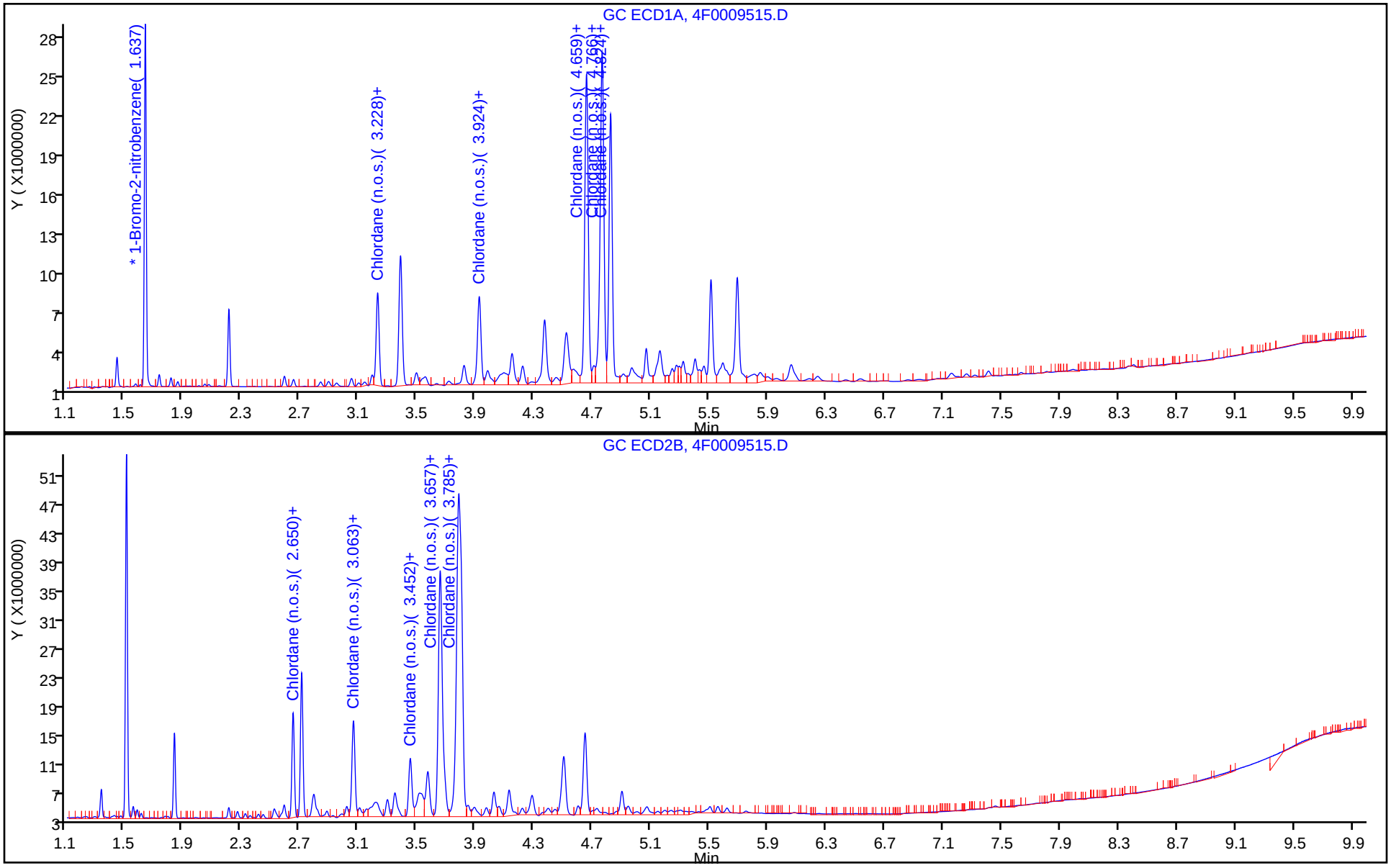
SGCHLOR ICV_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 23-Jan-2023 04:57:01 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009515.D

Injection Date:	18-Jan-2023 12:36:26	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	ICV CHLO			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/21 Calibration Date: 01/18/2023 14:12

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0009521.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0338	0.0347		1030	1000	2.6	20.0
Toxaphene Peak 2	Ave	0.0471	0.0467		991	1000	-0.9	20.0
Toxaphene Peak 3	Ave	0.0853	0.0900		1060	1000	5.5	20.0
Toxaphene Peak 4	Ave	0.0427	0.0491		1150	1000	14.8	20.0
Toxaphene Peak 5	Lin		0.0368		985	1000	-1.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/21 Calibration Date: 01/18/2023 14:12

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0009521.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	5.13	5.12	5.14
Toxaphene Peak 2	5.63	5.62	5.64
Toxaphene Peak 3	5.73	5.72	5.74
Toxaphene Peak 4	6.05	6.04	6.06
Toxaphene Peak 5	6.80	6.79	6.81

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009521.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 18-Jan-2023 14:12:11 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-021
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: OR9X Date: 18-Jan-2023 15:50:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.636	0.000	24195484	100.0	100.0	
2	1.508	1.508	0.000	46003410	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.132	5.134	-0.002	8398135	1000.0	1026.2	M
1	5.627	5.627	0.000	11297063	1000.0	990.8	M
1	5.733	5.733	0.000	21780537	1000.0	1055.4	M
1	6.049	6.049	0.000	11869686	1000.0	1147.9	M
1	6.801	6.801	0.000	8897117	1000.0	985.5	M
		Average of Peak Amounts =				1041.1	
2	4.717	4.714	0.003	27202308	1000.0	1073.4	M
2	4.840	4.840	0.000	21705136	1000.0	961.4	M
2	5.054	5.053	0.001	21813689	1000.0	954.9	M
2	5.243	5.243	0.000	20048070	1000.0	939.6	M
2	5.422	5.421	0.001	22652868	1000.0	1031.3	M
		Average of Peak Amounts =				992.1	
						RPD = 4.82	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

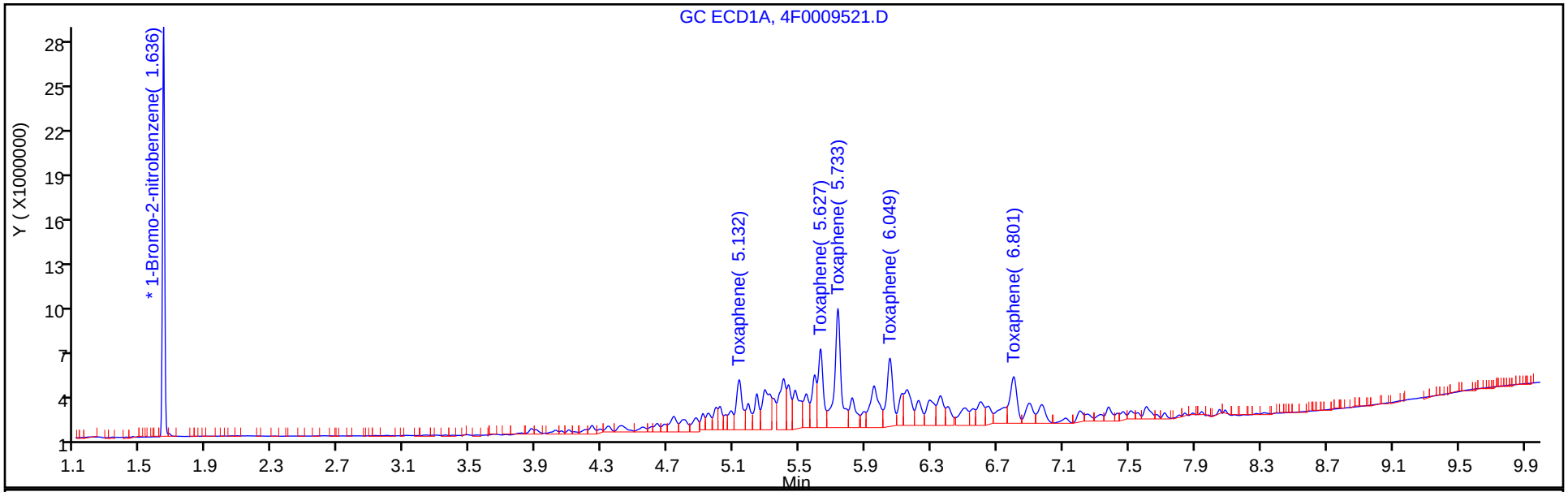
SGTOX ICV_00016 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

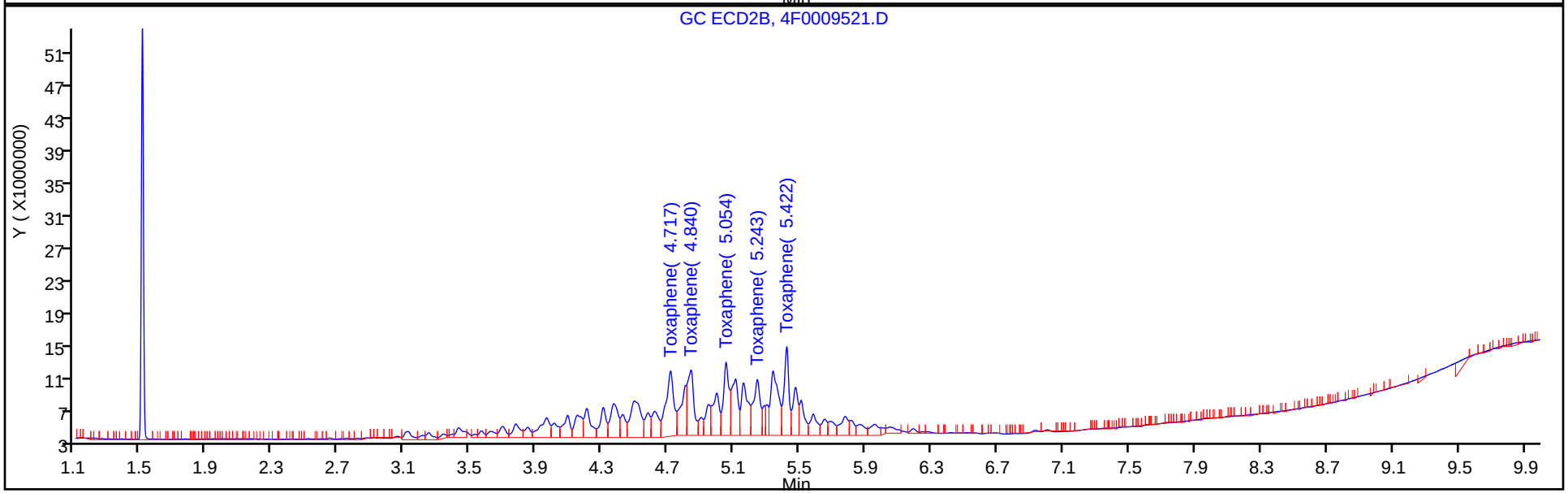
Report Date: 23-Jan-2023 04:57:04 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009521.D

Injection Date:	18-Jan-2023 14:12:11	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/21 Calibration Date: 01/18/2023 14:12

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0009521.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0551	0.0591		1070	1000	7.3	20.0
Toxaphene Peak 2	Ave	0.0491	0.0472		961	1000	-3.9	20.0
Toxaphene Peak 3	Ave	0.0497	0.0474		955	1000	-4.5	20.0
Toxaphene Peak 4	Ave	0.0464	0.0436		940	1000	-6.0	20.0
Toxaphene Peak 5	Lin		0.0492		1030	1000	3.1	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-888675/21 Calibration Date: 01/18/2023 14:12

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0009521.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.72	4.70	4.72
Toxaphene Peak 2	4.84	4.83	4.85
Toxaphene Peak 3	5.05	5.04	5.06
Toxaphene Peak 4	5.24	5.23	5.25
Toxaphene Peak 5	5.42	5.41	5.43

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009521.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 18-Jan-2023 14:12:11 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0155754-021
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 23-Jan-2023 04:56:11 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1649

First Level Reviewer: OR9X Date: 18-Jan-2023 15:50:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.636	1.636	0.000	24195484	100.0	100.0	
2	1.508	1.508	0.000	46003410	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.132	5.134	-0.002	8398135	1000.0	1026.2	M
1	5.627	5.627	0.000	11297063	1000.0	990.8	M
1	5.733	5.733	0.000	21780537	1000.0	1055.4	M
1	6.049	6.049	0.000	11869686	1000.0	1147.9	M
1	6.801	6.801	0.000	8897117	1000.0	985.5	M
		Average of Peak Amounts =				1041.1	
2	4.717	4.714	0.003	27202308	1000.0	1073.4	M
2	4.840	4.840	0.000	21705136	1000.0	961.4	M
2	5.054	5.053	0.001	21813689	1000.0	954.9	M
2	5.243	5.243	0.000	20048070	1000.0	939.6	M
2	5.422	5.421	0.001	22652868	1000.0	1031.3	M
		Average of Peak Amounts =				992.1	
						RPD = 4.82	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

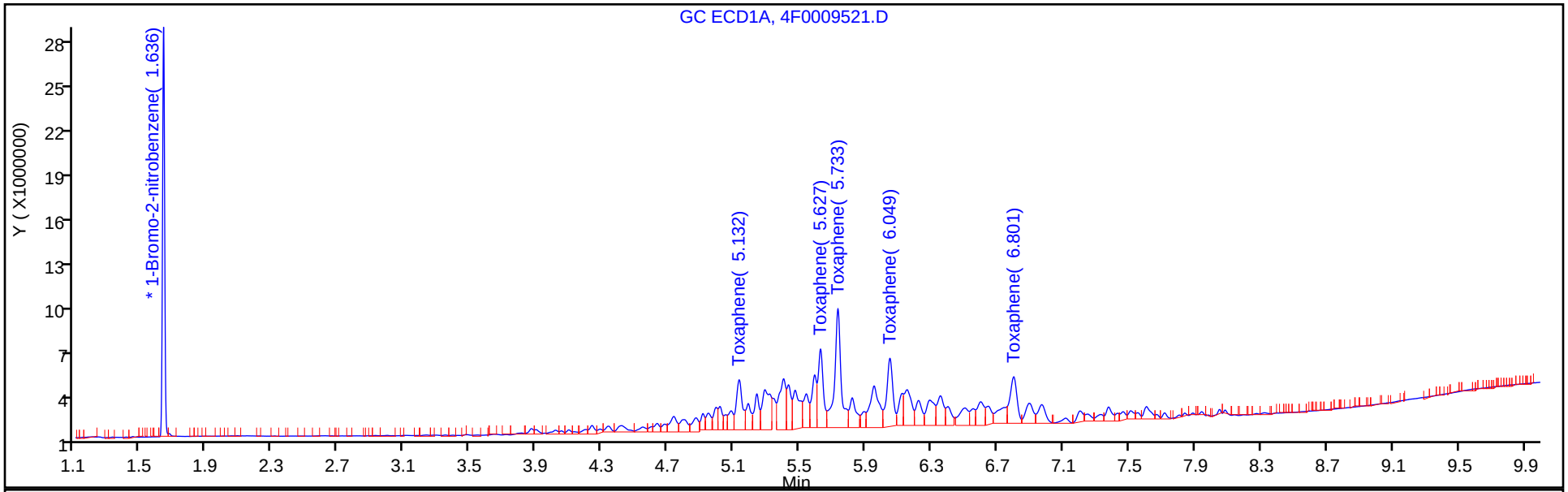
SGTOX ICV_00016 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

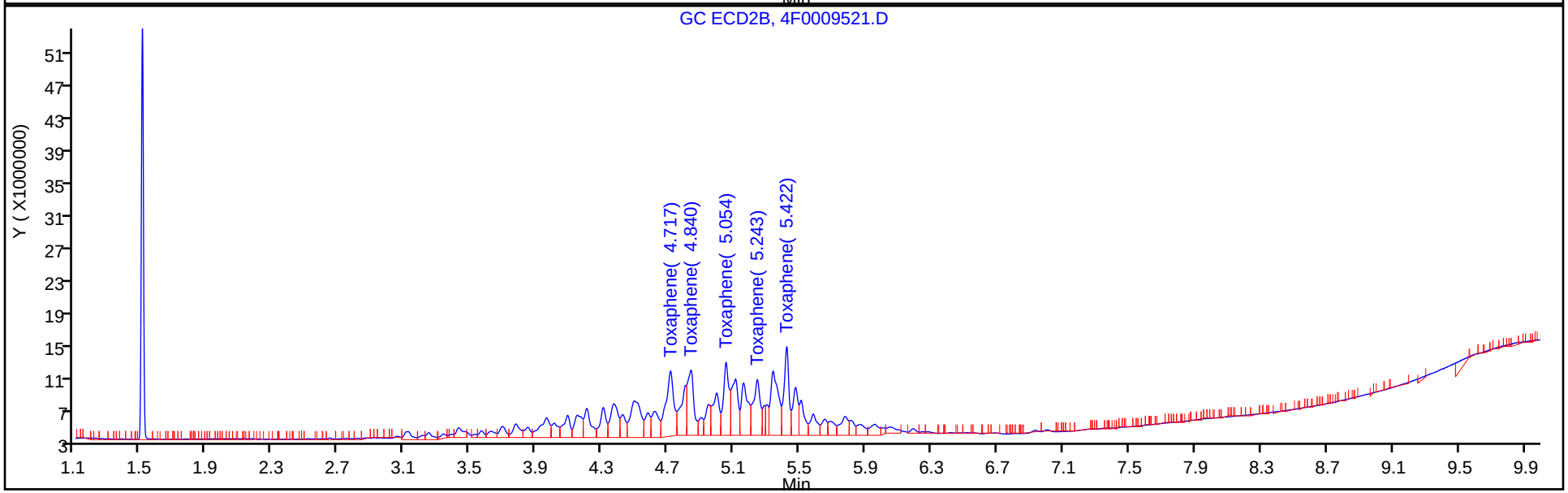
Report Date: 23-Jan-2023 04:57:04 Chrom Revision: 2.3 20-Dec-2022 14:14:06

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009521.D

Injection Date:	18-Jan-2023 14:12:11	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904358/3 | Calibration Date: 04/21/2023 03:13

Instrument ID: CPESTGC4 | Calib Start Date: 01/18/2023 09:25

GC Column: CLP-2 ID: 0.53(mm) | Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0011752.D | Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.665	1.709		103	100	2.6	20.0
gamma-BHC (Lindane)	Ave	1.503	1.559		104	100	3.7	20.0
beta-BHC	Ave	0.6859	0.6820		99.4	100	-0.6	20.0
delta-BHC	Ave	1.500	1.520		101	100	1.3	20.0
Heptachlor	Ave	1.578	1.634		104	100	3.5	20.0
Aldrin	Ave	1.643	1.654		101	100	0.7	20.0
Heptachlor epoxide	Ave	1.453	1.428		98.3	100	-1.7	20.0
trans-Chlordane	Ave	1.458	1.451		99.5	100	-0.5	20.0
cis-Chlordane	Ave	1.446	1.412		97.6	100	-2.4	20.0
Endosulfan I	Ave	1.398	1.367		97.8	100	-2.2	20.0
4,4'-DDE	Ave	1.503	1.512		101	100	0.6	20.0
Dieldrin	Ave	1.610	1.622		101	100	0.7	20.0
Endrin	Ave	1.558	1.463		93.9	100	-6.1	20.0
4,4'-DDD	Ave	1.316	1.339		102	100	1.7	20.0
Endosulfan II	Ave	1.504	1.448		96.3	100	-3.7	20.0
4,4'-DDT	Ave	1.171	1.236		106	100	5.6	20.0
Endrin aldehyde	Ave	1.047	1.005		96.0	100	-4.0	20.0
Endosulfan sulfate	Ave	1.366	1.312		96.0	100	-4.0	20.0
Methoxychlor	Ave	0.5949	0.6434		108	100	8.1	20.0
Mirex	Ave	1.200	1.164		97.0	100	-3.0	20.0
Endrin ketone	Ave	1.559	1.600		103	100	2.6	20.0
Tetrachloro-m-xylene	Ave	1.137	1.109		97.5	100	-2.5	20.0
DCB Decachlorobiphenyl	Ave	1.413	1.362		96.3	100	-3.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904358/3 Calibration Date: 04/21/2023 03:13

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0011752.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.59	2.58	2.60
gamma-BHC (Lindane)	2.89	2.88	2.90
beta-BHC	2.95	2.94	2.96
delta-BHC	3.25	3.24	3.26
Heptachlor	3.34	3.33	3.35
Aldrin	3.72	3.71	3.73
Heptachlor epoxide	4.36	4.35	4.37
trans-Chlordane	4.60	4.59	4.61
cis-Chlordane	4.77	4.76	4.78
Endosulfan I	4.84	4.83	4.85
4,4'-DDE	4.94	4.93	4.95
Dieldrin	5.11	5.10	5.12
Endrin	5.39	5.38	5.40
4,4'-DDD	5.50	5.49	5.51
Endosulfan II	5.59	5.58	5.60
4,4'-DDT	5.84	5.83	5.85
Endrin aldehyde	5.98	5.97	5.99
Endosulfan sulfate	6.35	6.34	6.36
Methoxychlor	6.91	6.90	6.92
Mirex	7.10	7.03	7.17
Endrin ketone	7.18	7.11	7.25
Tetrachloro-m-xylene	2.15	2.14	2.16
DCB Decachlorobiphenyl	8.34	8.24	8.44

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011752.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 21-Apr-2023 03:13:58 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:13 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.620	1.620	0.000	38537148	100.0	100.0	
2	1.495	1.495	0.000	73539560	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.150	2.150	0.000	42735953	100.0	97.5	
2	1.848	1.848	0.000	79706242	100.0	97.4	
						RPD = 0.15	
15 alpha-BHC							
1	2.588	2.588	0.000	65846216	100.0	102.6	
2	2.152	2.152	0.000	112936652	100.0	102.2	
						RPD = 0.40	
2 gamma-BHC (Lindane)							
1	2.889	2.889	0.000	60073721	100.0	103.7	
2	2.347	2.347	0.000	104764658	100.0	102.9	
						RPD = 0.76	
6 beta-BHC							
1	2.948	2.948	0.000	26280919	100.0	99.4	
2	2.395	2.395	0.000	46578002	100.0	102.6	
						RPD = 3.12	
32 delta-BHC							
1	3.245	3.245	0.000	58558090	100.0	101.3	
2	2.521	2.521	0.000	104332106	100.0	101.8	
						RPD = 0.47	
18 Heptachlor							
1	3.336	3.336	0.000	62952962	100.0	103.5	
2	2.677	2.677	0.000	95786553	100.0	102.0	
						RPD = 1.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.716	3.716	0.000	63737288	100.0	100.7	
2	2.916	2.916	0.000	102803391	100.0	101.5	
						RPD = 0.83	
12 Heptachlor epoxide							
1	4.364	4.364	0.000	55048294	100.0	98.3	
2	3.475	3.475	0.000	92031788	100.0	99.8	
						RPD = 1.52	
9 trans-Chlordane							
1	4.600	4.600	0.000	55907124	100.0	99.5	
2	3.608	3.608	0.000	92658033	100.0	101.8	
						RPD = 2.35	
23 cis-Chlordane							
1	4.772	4.772	0.000	54417883	100.0	97.6	
2	3.755	3.755	0.000	89409715	100.0	99.5	
						RPD = 1.89	
7 Endosulfan I							
1	4.838	4.838	0.000	52686960	100.0	97.8	
2	3.903	3.903	0.000	89534942	100.0	102.6	
						RPD = 4.81	
25 4,4'-DDE							
1	4.943	4.943	0.000	58276625	100.0	100.6	
2	3.837	3.837	0.000	91456144	100.0	104.0	
						RPD = 3.32	
30 Dieldrin							
1	5.109	5.109	0.000	62510024	100.0	100.7	
2	4.154	4.154	0.000	98038581	100.0	101.8	
						RPD = 1.00	
20 Endrin							
1	5.387	5.387	0.000	56364903	100.0	93.9	
2	4.411	4.411	0.000	85396251	100.0	97.6	
						RPD = 3.87	
16 4,4'-DDD							
1	5.498	5.498	0.000	51587277	100.0	101.7	
2	4.498	4.498	0.000	77378347	100.0	110.1	
						RPD = 7.91	
11 Endosulfan II							
1	5.590	5.590	0.000	55794666	100.0	96.3	
2	4.674	4.674	0.000	81543534	100.0	100.4	
						RPD = 4.18	
21 4,4'-DDT							
1	5.842	5.842	0.000	47638989	100.0	105.6	
2	4.817	4.817	0.000	68832487	100.0	101.2	
						RPD = 4.25	
5 Endrin aldehyde							
1	5.975	5.975	0.000	38738375	100.0	96.0	
2	5.090	5.090	0.000	63677327	100.0	99.6	
						RPD = 3.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.353	6.353	0.000	50575097	100.0	96.0	
2	5.476	5.476	0.000	83420370	100.0	99.7	
						RPD = 3.75	
10 Methoxychlor							
1	6.907	6.907	0.000	24795759	100.0	108.1	
2	5.290	5.290	0.000	35814435	100.0	104.7	
						RPD = 3.19	
34 Mirex							
1	7.099	7.099	0.000	44847258	100.0	97.0	
2	5.369	5.369	0.000	67340865	100.0	99.3	
						RPD = 2.33	
13 Endrin ketone							
1	7.181	7.181	0.000	61663256	100.0	102.6	
2	5.746	5.746	0.000	101850489	100.0	106.7	
						RPD = 3.86	
$ 24 DCB Decachlorobiphenyl							
1	8.336	8.336	0.000	52475071	100.0	96.3	
2	7.263	7.263	0.000	91844776	100.0	98.7	
						RPD = 2.40	

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 21-Apr-2023 06:39:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011752.D

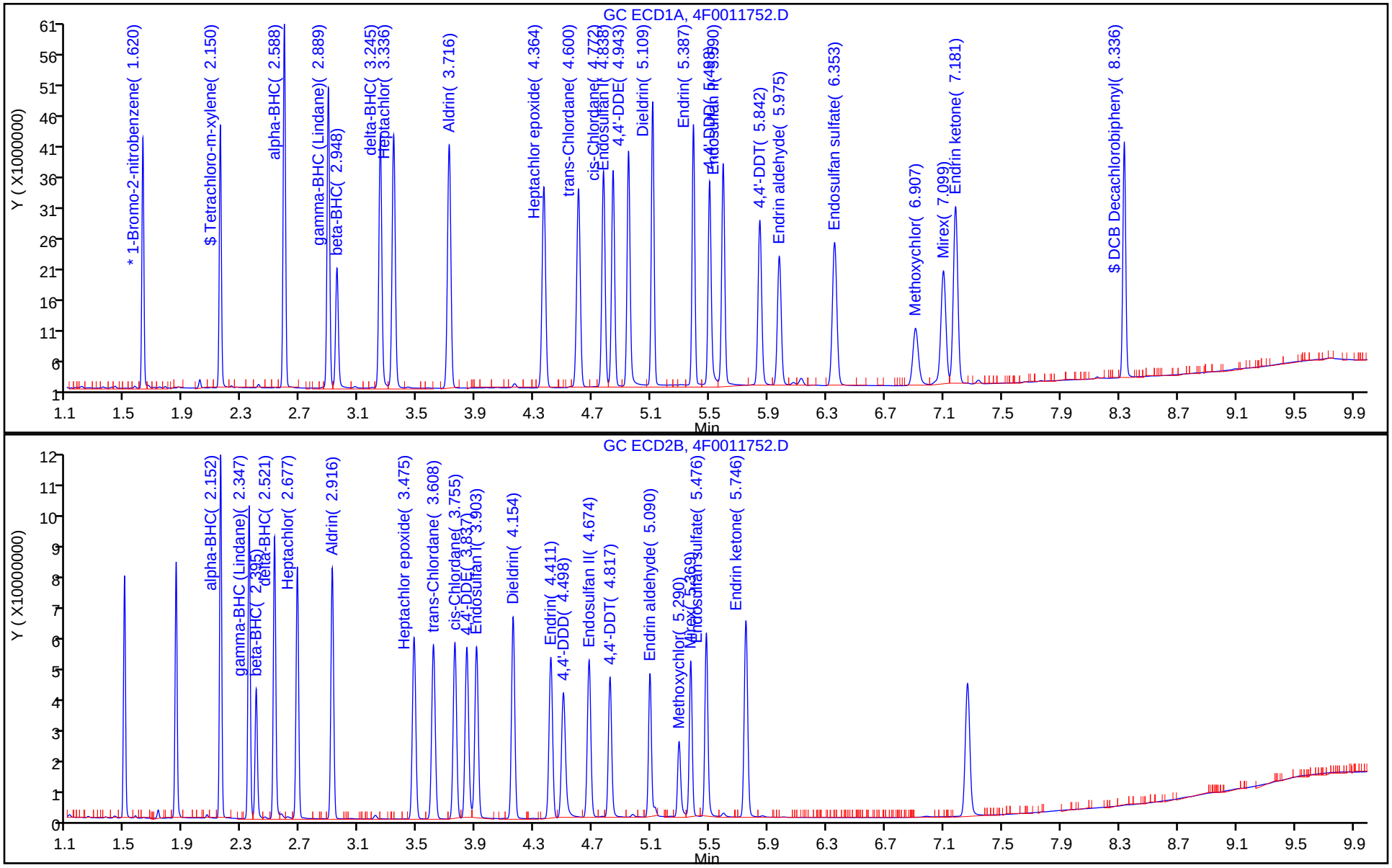
Injection Date: 21-Apr-2023 03:13:58 Instrument ID: CPESTGC4 Operator ID:

Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904358/3 Calibration Date: 04/21/2023 03:13

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0011752.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.502	1.536		102	100	2.2	20.0
gamma-BHC (Lindane)	Ave	1.384	1.425		103	100	2.9	20.0
beta-BHC	Ave	0.6175	0.6334		103	100	2.6	20.0
delta-BHC	Ave	1.394	1.419		102	100	1.8	20.0
Heptachlor	Ave	1.276	1.303		102	100	2.0	20.0
Aldrin	Ave	1.377	1.398		102	100	1.5	20.0
Heptachlor epoxide	Ave	1.254	1.251		99.8	100	-0.2	20.0
trans-Chlordane	Ave	1.237	1.260		102	100	1.8	20.0
cis-Chlordane	Ave	1.222	1.216		99.5	100	-0.5	20.0
4,4'-DDE	Ave	1.196	1.244		104	100	4.0	20.0
Endosulfan I	Ave	1.187	1.218		103	100	2.6	20.0
Dieldrin	Ave	1.310	1.333		102	100	1.8	20.0
Endrin	Ave	1.190	1.161		97.6	100	-2.4	20.0
4,4'-DDD	Ave	0.9560	1.052		110	100	10.1	20.0
Endosulfan II	Ave	1.104	1.109		100	100	0.4	20.0
4,4'-DDT	Ave	0.9250	0.9360		101	100	1.2	20.0
Endrin aldehyde	Ave	0.8691	0.8659		99.6	100	-0.4	20.0
Methoxychlor	Ave	0.4649	0.4870		105	100	4.7	20.0
Mirex	Ave	0.9226	0.9157		99.3	100	-0.7	20.0
Endosulfan sulfate	Ave	1.138	1.134		99.7	100	-0.3	20.0
Endrin ketone	Ave	1.299	1.385		107	100	6.7	20.0
Tetrachloro-m-xylene	Ave	1.113	1.084		97.4	100	-2.6	20.0
DCB Decachlorobiphenyl	Ave	1.266	1.249		98.7	100	-1.3	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904358/3 Calibration Date: 04/21/2023 03:13

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 09:25

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 10:28

Lab File ID: 4F0011752.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.15	2.14	2.16
gamma-BHC (Lindane)	2.35	2.34	2.36
beta-BHC	2.40	2.39	2.41
delta-BHC	2.52	2.51	2.53
Heptachlor	2.68	2.67	2.69
Aldrin	2.92	2.91	2.93
Heptachlor epoxide	3.48	3.47	3.49
trans-Chlordane	3.61	3.60	3.62
cis-Chlordane	3.76	3.75	3.77
4,4'-DDE	3.84	3.83	3.85
Endosulfan I	3.90	3.89	3.91
Dieldrin	4.15	4.14	4.16
Endrin	4.41	4.40	4.42
4,4'-DDD	4.50	4.49	4.51
Endosulfan II	4.67	4.66	4.68
4,4'-DDT	4.82	4.81	4.83
Endrin aldehyde	5.09	5.08	5.10
Methoxychlor	5.29	5.28	5.30
Mirex	5.37	5.30	5.44
Endosulfan sulfate	5.48	5.47	5.49
Endrin ketone	5.75	5.68	5.82
Tetrachloro-m-xylene	1.85	1.84	1.86
DCB Decachlorobiphenyl	7.26	7.16	7.36

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011752.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 21-Apr-2023 03:13:58 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-003
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:13 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.620	1.620	0.000	38537148	100.0	100.0	
2	1.495	1.495	0.000	73539560	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.150	2.150	0.000	42735953	100.0	97.5	
2	1.848	1.848	0.000	79706242	100.0	97.4	
						RPD = 0.15	
15 alpha-BHC							
1	2.588	2.588	0.000	65846216	100.0	102.6	
2	2.152	2.152	0.000	112936652	100.0	102.2	
						RPD = 0.40	
2 gamma-BHC (Lindane)							
1	2.889	2.889	0.000	60073721	100.0	103.7	
2	2.347	2.347	0.000	104764658	100.0	102.9	
						RPD = 0.76	
6 beta-BHC							
1	2.948	2.948	0.000	26280919	100.0	99.4	
2	2.395	2.395	0.000	46578002	100.0	102.6	
						RPD = 3.12	
32 delta-BHC							
1	3.245	3.245	0.000	58558090	100.0	101.3	
2	2.521	2.521	0.000	104332106	100.0	101.8	
						RPD = 0.47	
18 Heptachlor							
1	3.336	3.336	0.000	62952962	100.0	103.5	
2	2.677	2.677	0.000	95786553	100.0	102.0	
						RPD = 1.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.716	3.716	0.000	63737288	100.0	100.7	
2	2.916	2.916	0.000	102803391	100.0	101.5	
						RPD = 0.83	
12 Heptachlor epoxide							
1	4.364	4.364	0.000	55048294	100.0	98.3	
2	3.475	3.475	0.000	92031788	100.0	99.8	
						RPD = 1.52	
9 trans-Chlordane							
1	4.600	4.600	0.000	55907124	100.0	99.5	
2	3.608	3.608	0.000	92658033	100.0	101.8	
						RPD = 2.35	
23 cis-Chlordane							
1	4.772	4.772	0.000	54417883	100.0	97.6	
2	3.755	3.755	0.000	89409715	100.0	99.5	
						RPD = 1.89	
7 Endosulfan I							
1	4.838	4.838	0.000	52686960	100.0	97.8	
2	3.903	3.903	0.000	89534942	100.0	102.6	
						RPD = 4.81	
25 4,4'-DDE							
1	4.943	4.943	0.000	58276625	100.0	100.6	
2	3.837	3.837	0.000	91456144	100.0	104.0	
						RPD = 3.32	
30 Dieldrin							
1	5.109	5.109	0.000	62510024	100.0	100.7	
2	4.154	4.154	0.000	98038581	100.0	101.8	
						RPD = 1.00	
20 Endrin							
1	5.387	5.387	0.000	56364903	100.0	93.9	
2	4.411	4.411	0.000	85396251	100.0	97.6	
						RPD = 3.87	
16 4,4'-DDD							
1	5.498	5.498	0.000	51587277	100.0	101.7	
2	4.498	4.498	0.000	77378347	100.0	110.1	
						RPD = 7.91	
11 Endosulfan II							
1	5.590	5.590	0.000	55794666	100.0	96.3	
2	4.674	4.674	0.000	81543534	100.0	100.4	
						RPD = 4.18	
21 4,4'-DDT							
1	5.842	5.842	0.000	47638989	100.0	105.6	
2	4.817	4.817	0.000	68832487	100.0	101.2	
						RPD = 4.25	
5 Endrin aldehyde							
1	5.975	5.975	0.000	38738375	100.0	96.0	
2	5.090	5.090	0.000	63677327	100.0	99.6	
						RPD = 3.68	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.353	6.353	0.000	50575097	100.0	96.0	
2	5.476	5.476	0.000	83420370	100.0	99.7	
						RPD = 3.75	
10 Methoxychlor							
1	6.907	6.907	0.000	24795759	100.0	108.1	
2	5.290	5.290	0.000	35814435	100.0	104.7	
						RPD = 3.19	
34 Mirex							
1	7.099	7.099	0.000	44847258	100.0	97.0	
2	5.369	5.369	0.000	67340865	100.0	99.3	
						RPD = 2.33	
13 Endrin ketone							
1	7.181	7.181	0.000	61663256	100.0	102.6	
2	5.746	5.746	0.000	101850489	100.0	106.7	
						RPD = 3.86	
$ 24 DCB Decachlorobiphenyl							
1	8.336	8.336	0.000	52475071	100.0	96.3	
2	7.263	7.263	0.000	91844776	100.0	98.7	
						RPD = 2.40	

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 21-Apr-2023 06:39:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011752.D

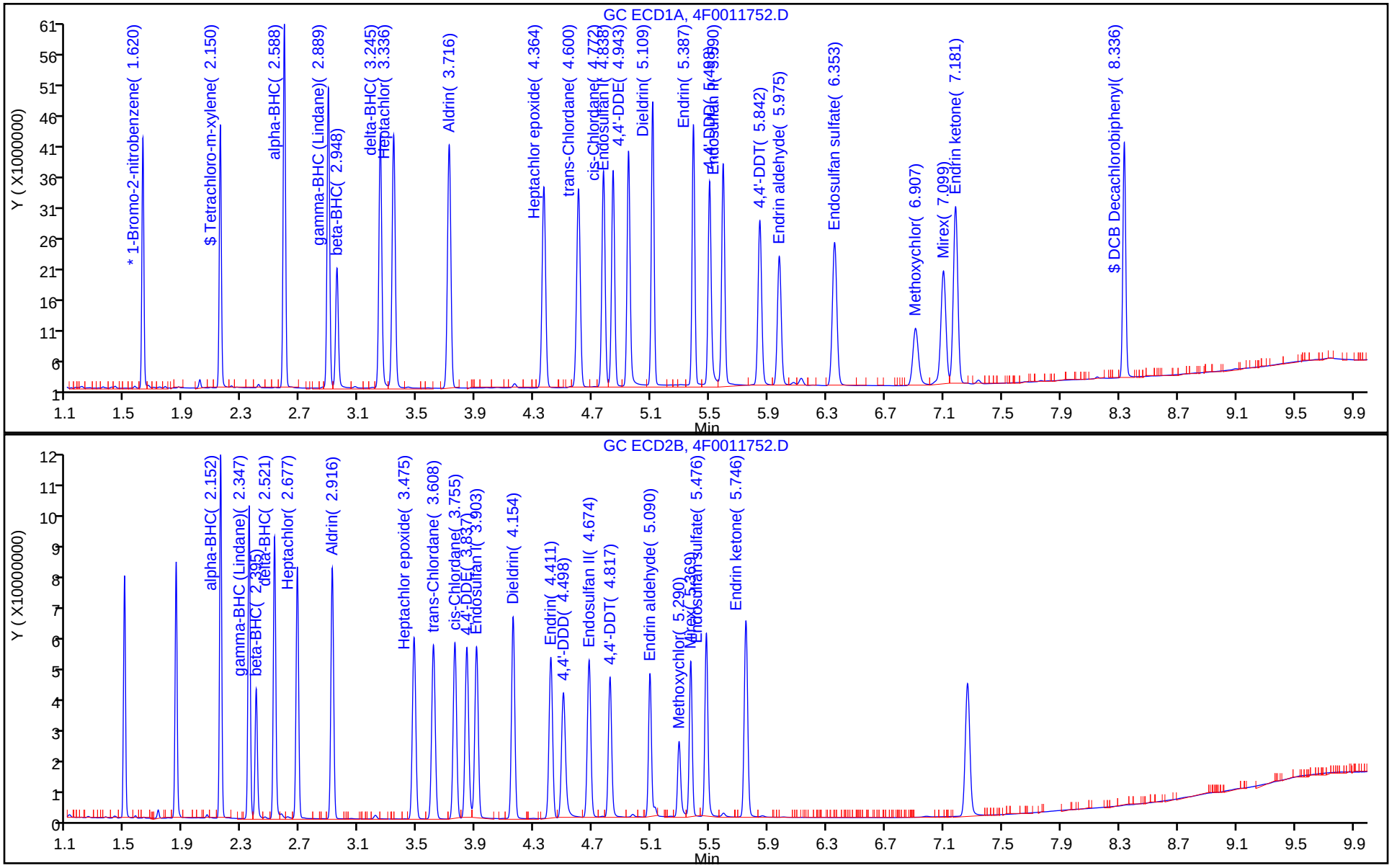
Injection Date: 21-Apr-2023 03:13:58 Instrument ID: CPESTGC4 Operator ID:

Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/4 Calibration Date: 04/21/2023 03:29

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0011753.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0422	0.0408		965	1000	-3.5	20.0
Chlordane (technical) Peak 1	Ave	0.0422	0.0408		965	1000	-3.5	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0476	0.0464		975	1000	-2.5	20.0
Chlordane (technical) Peak 2	Ave	0.0476	0.0464		975	1000	-2.5	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1571	0.1600		1020	1000	1.9	20.0
Chlordane (technical) Peak 3	Ave	0.1571	0.1600		1020	1000	1.9	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1800	0.1809		1000	1000	0.5	20.0
Chlordane (technical) Peak 4	Ave	0.1800	0.1809		1000	1000	0.5	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.1279	0.1280		1000	1000	0.0	20.0
Chlordane (technical) Peak 5	Ave	0.1279	0.1280		1000	1000	0.0	20.0
Chlordane (n.o.s.)	None		0.0408		993	1000	-0.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/4 Calibration Date: 04/21/2023 03:29

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0011753.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.19	3.09	3.29
Chlordane (technical) Peak 1	3.19	3.18	3.20
Chlordane (n.o.s.) Peak 2	3.87	3.77	3.97
Chlordane (technical) Peak 2	3.87	3.86	3.88
Chlordane (n.o.s.) Peak 3	4.60	4.50	4.70
Chlordane (technical) Peak 3	4.60	4.59	4.61
Chlordane (n.o.s.) Peak 4	4.71	4.61	4.81
Chlordane (technical) Peak 4	4.71	4.70	4.72
Chlordane (n.o.s.) Peak 5	4.77	4.67	4.87
Chlordane (technical) Peak 5	4.77	4.76	4.78
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011753.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 03:29:48 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:17 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.621	1.621	0.000	36537945	100.0	100.0	
2	1.495	1.495	0.000	70094147	100.0	100.0	
						RPD = 0.00	
38 Chlordane (n.o.s.)							
1	3.185	3.185	0.000	14895842	1000.0	965.3	
1	3.874	3.874	0.000	16941498	1000.0	974.7	
1	4.604	4.604	0.000	58474921	1000.0	1018.7	
1	4.714	4.714	0.000	66083787	1000.0	1004.9	
1	4.774	4.774	0.000	46763095	1000.0	1000.7	
		Average of Peak Amounts =				992.9	
2	2.620	2.620	0.000	25598094	1000.0	975.3	
2	3.027	3.027	0.000	30357040	1000.0	962.9	
2	3.409	3.409	0.000	19462281	1000.0	961.3	
2	3.610	3.610	0.000	104403263	1000.0	988.0	
2	3.741	3.741	0.000	175983782	1000.0	967.7	
		Average of Peak Amounts =				971.0	
						RPD = 2.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							
1	3.185	3.185	0.000	14895842	1000.0	965.3	
1	3.874	3.874	0.000	16941498	1000.0	974.7	
1	4.604	4.604	0.000	58474921	1000.0	1018.7	
1	4.714	4.714	0.000	66083787	1000.0	1004.9	
1	4.774	4.774	0.000	46763095	1000.0	1000.7	
		Average of Peak Amounts =				992.9	
2	2.620	2.620	0.000	25598094	1000.0	975.3	
2	3.027	3.027	0.000	30357040	1000.0	962.9	
2	3.409	3.409	0.000	19462281	1000.0	961.3	
2	3.610	3.610	0.000	104403263	1000.0	988.0	
2	3.741	3.741	0.000	175983782	1000.0	967.7	
		Average of Peak Amounts =				971.0	
						RPD = 2.23	

Reagents:

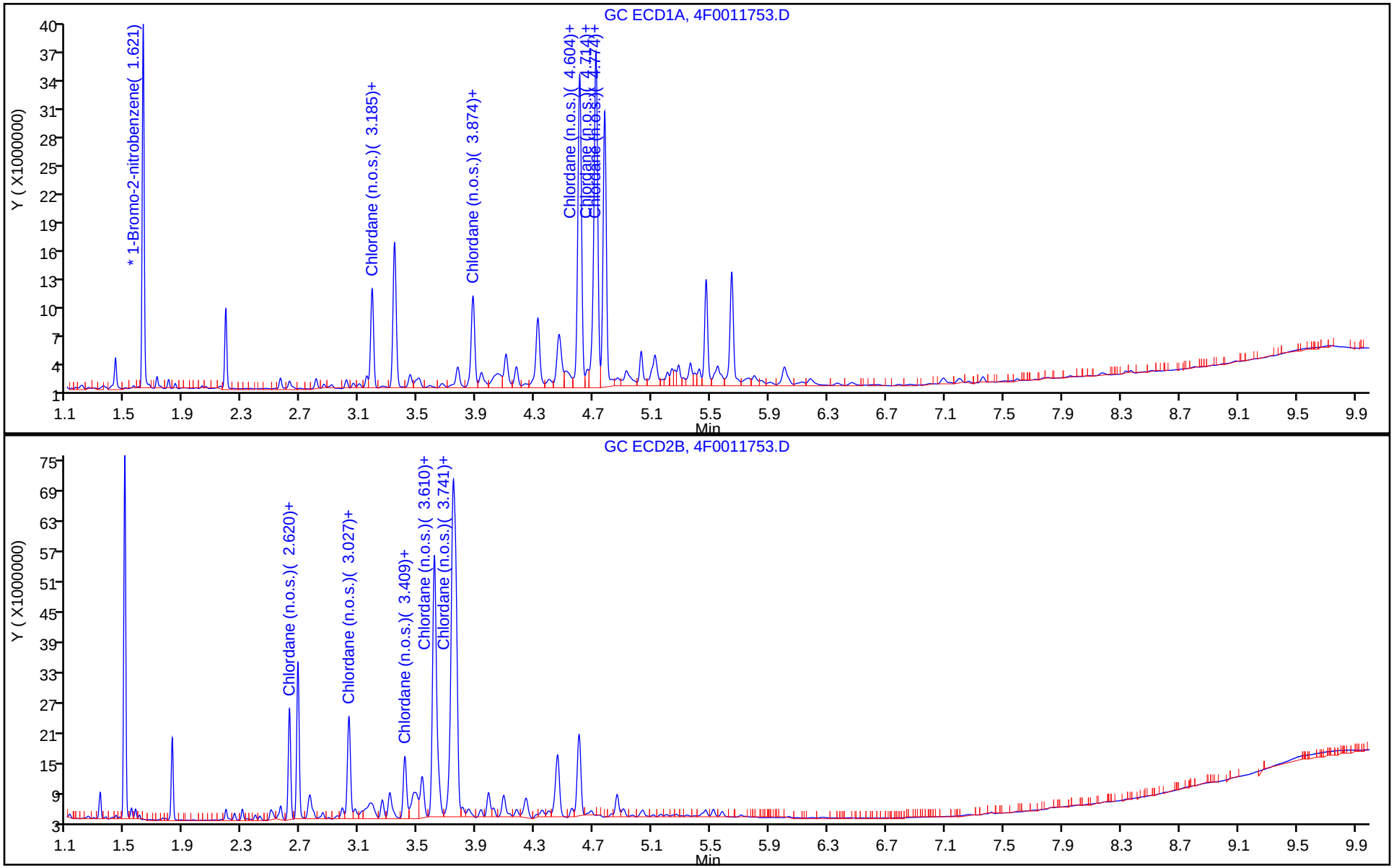
SGCHLORDANEL4_00012	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 21-Apr-2023 06:39:17 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011753.D

Injection Date:	21-Apr-2023 03:29:48	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/4 Calibration Date: 04/21/2023 03:29

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0011753.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0374	0.0365		975	1000	-2.5	20.0
Chlordane (technical) Peak 1	Ave	0.0374	0.0365		975	1000	-2.5	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0450	0.0433		963	1000	-3.7	20.0
Chlordane (technical) Peak 2	Ave	0.0450	0.0433		963	1000	-3.7	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0289	0.0278		961	1000	-3.9	20.0
Chlordane (technical) Peak 3	Ave	0.0289	0.0278		961	1000	-3.9	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1508	0.1489		988	1000	-1.2	20.0
Chlordane (technical) Peak 4	Ave	0.1508	0.1489		988	1000	-1.2	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2595	0.2511		968	1000	-3.2	20.0
Chlordane (technical) Peak 5	Ave	0.2595	0.2511		968	1000	-3.2	20.0
Chlordane (n.o.s.)	None		0.0365		971	1000	-2.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/4 Calibration Date: 04/21/2023 03:29

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 11:16

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 12:20

Lab File ID: 4F0011753.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.62	2.52	2.72
Chlordane (technical) Peak 1	2.62	2.61	2.63
Chlordane (n.o.s.) Peak 2	3.03	2.93	3.13
Chlordane (technical) Peak 2	3.03	3.02	3.04
Chlordane (n.o.s.) Peak 3	3.41	3.31	3.51
Chlordane (technical) Peak 3	3.41	3.40	3.42
Chlordane (n.o.s.) Peak 4	3.61	3.51	3.71
Chlordane (technical) Peak 4	3.61	3.60	3.62
Chlordane (n.o.s.) Peak 5	3.74	3.64	3.84
Chlordane (technical) Peak 5	3.74	3.73	3.75
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011753.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 03:29:48 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-004
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:17 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.621	1.621	0.000	36537945	100.0	100.0	
2	1.495	1.495	0.000	70094147	100.0	100.0	
						RPD = 0.00	
38 Chlordane (n.o.s.)							
1	3.185	3.185	0.000	14895842	1000.0	965.3	
1	3.874	3.874	0.000	16941498	1000.0	974.7	
1	4.604	4.604	0.000	58474921	1000.0	1018.7	
1	4.714	4.714	0.000	66083787	1000.0	1004.9	
1	4.774	4.774	0.000	46763095	1000.0	1000.7	
		Average of Peak Amounts =				992.9	
2	2.620	2.620	0.000	25598094	1000.0	975.3	
2	3.027	3.027	0.000	30357040	1000.0	962.9	
2	3.409	3.409	0.000	19462281	1000.0	961.3	
2	3.610	3.610	0.000	104403263	1000.0	988.0	
2	3.741	3.741	0.000	175983782	1000.0	967.7	
		Average of Peak Amounts =				971.0	
						RPD = 2.23	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 Chlordane (technical)							
1	3.185	3.185	0.000	14895842	1000.0	965.3	
1	3.874	3.874	0.000	16941498	1000.0	974.7	
1	4.604	4.604	0.000	58474921	1000.0	1018.7	
1	4.714	4.714	0.000	66083787	1000.0	1004.9	
1	4.774	4.774	0.000	46763095	1000.0	1000.7	
		Average of Peak Amounts =				992.9	
2	2.620	2.620	0.000	25598094	1000.0	975.3	
2	3.027	3.027	0.000	30357040	1000.0	962.9	
2	3.409	3.409	0.000	19462281	1000.0	961.3	
2	3.610	3.610	0.000	104403263	1000.0	988.0	
2	3.741	3.741	0.000	175983782	1000.0	967.7	
		Average of Peak Amounts =				971.0	
						RPD = 2.23	

Reagents:

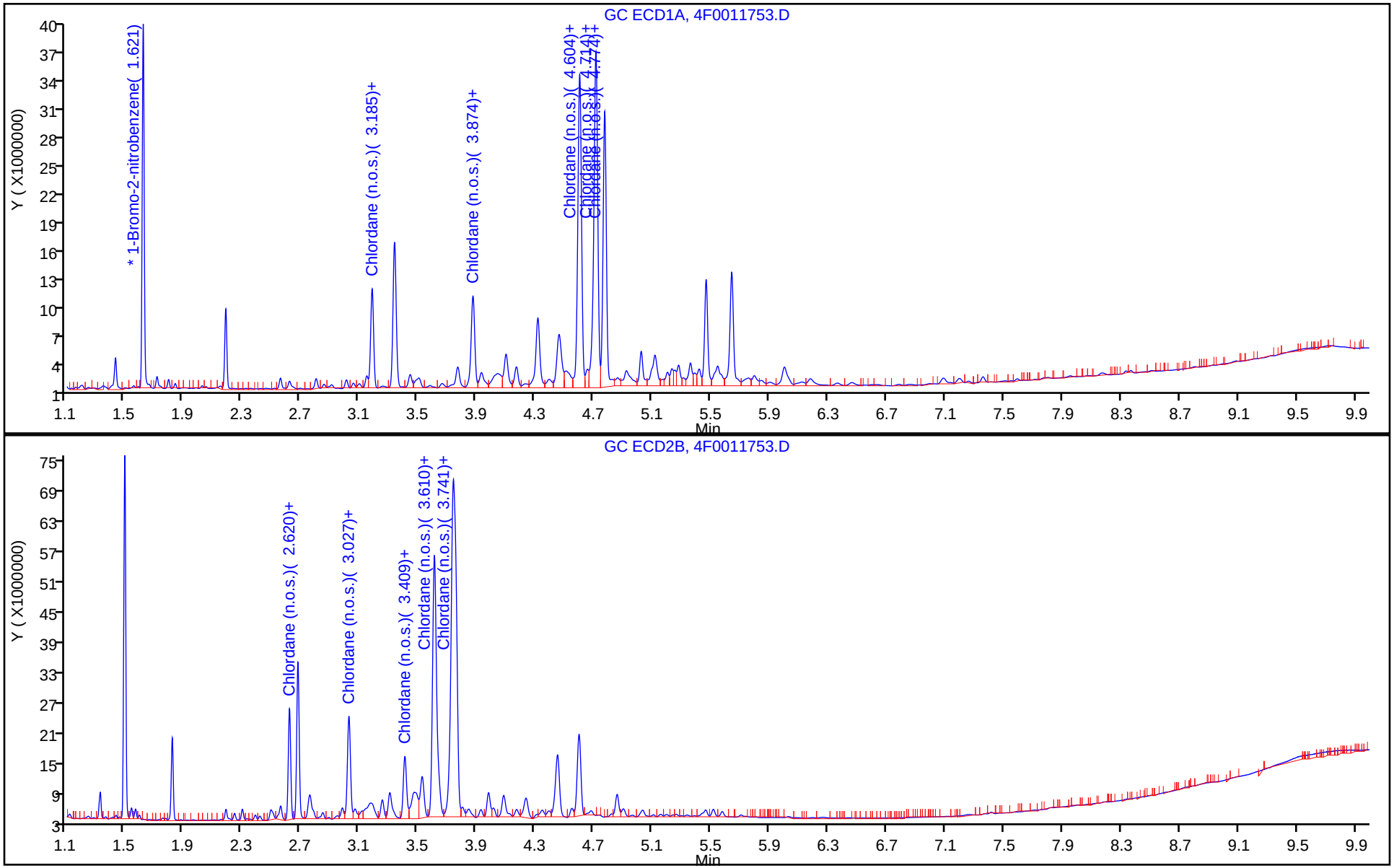
SGCHLORDANEL4_00012	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 21-Apr-2023 06:39:17 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011753.D

Injection Date:	21-Apr-2023 03:29:48	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/5 Calibration Date: 04/21/2023 03:45

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0011754.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0338	0.0271		801	1000	-19.9	20.0
Toxaphene Peak 2	Ave	0.0471	0.0401		851	1000	-14.9	20.0
Toxaphene Peak 3	Ave	0.0853	0.0731		856	1000	-14.4	20.0
Toxaphene Peak 4	Ave	0.0427	0.0373		873	1000	-12.7	20.0
Toxaphene Peak 5	Lin		0.0293		797	1000	-20.3*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/5 Calibration Date: 04/21/2023 03:45

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0011754.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	5.09	5.08	5.10
Toxaphene Peak 2	5.58	5.57	5.59
Toxaphene Peak 3	5.68	5.67	5.69
Toxaphene Peak 4	5.99	5.98	6.00
Toxaphene Peak 5	6.73	6.72	6.74

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011754.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 03:45:41 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:20 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.622	1.622	0.000	33715629	100.0	100.0	
2	1.497	1.497	0.000	65564057	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							
1	5.091	5.091	0.000	9136145	1000.0	801.1	
1	5.581	5.581	0.000	13517106	1000.0	850.7	
1	5.684	5.684	0.000	24631274	1000.0	856.5	
1	5.992	5.992	0.000	12573176	1000.0	872.6	
1	6.725	6.725	0.000	9876047	1000.0	797.1	
		Average of Peak Amounts =				835.6	
2	4.669	4.669	0.000	38212601	1000.0	1058.0	
2	4.798	4.798	0.000	33453754	1000.0	1039.7	
2	5.015	5.015	0.000	30952644	1000.0	950.7	
2	5.206	5.206	0.000	28035204	1000.0	921.9	
2	5.385	5.385	0.000	32711205	1000.0	1045.9	
		Average of Peak Amounts =				1003.3	
						RPD = 18.23	

Reagents:

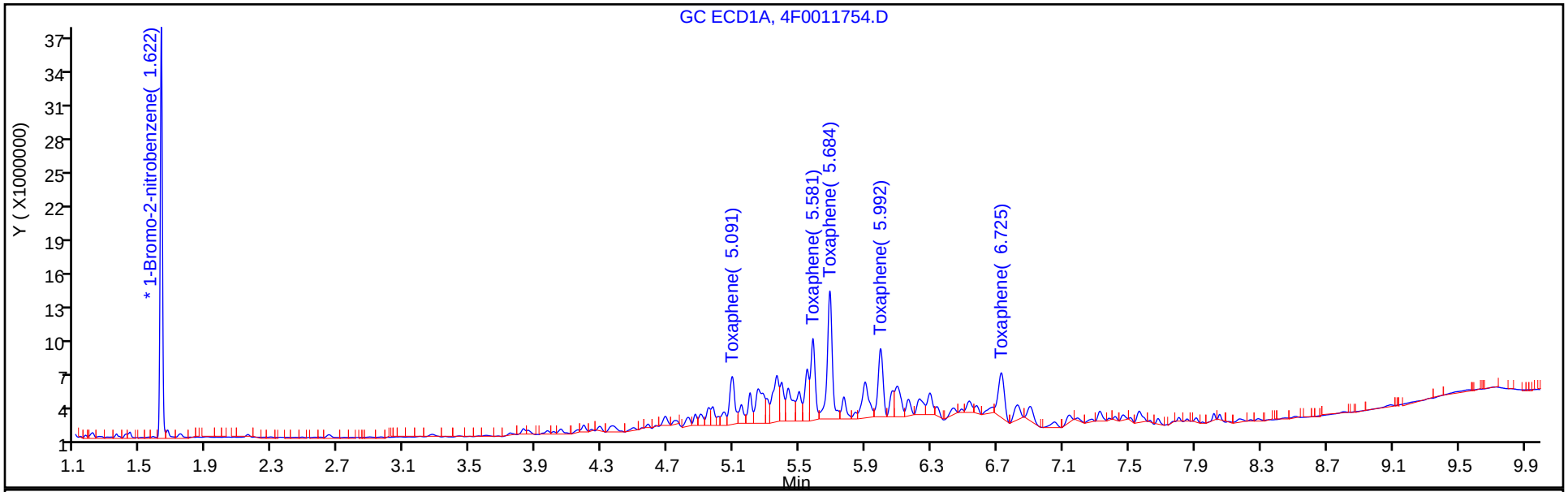
SGTOXAPHENEL4_00011 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

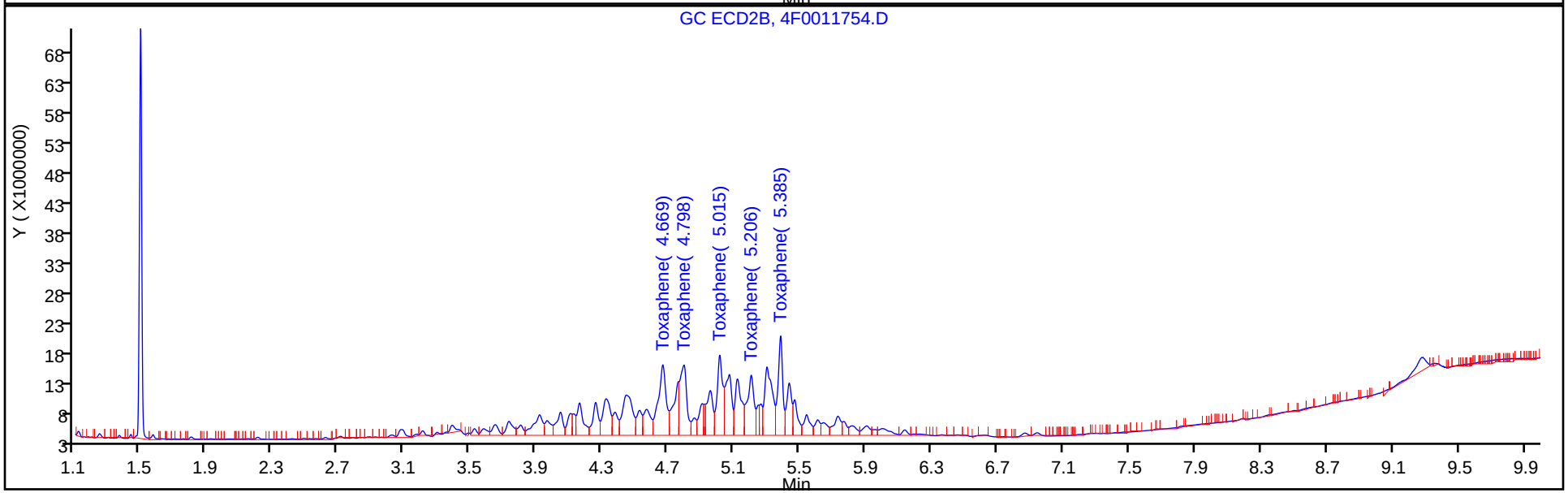
Report Date: 21-Apr-2023 06:39:21 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011754.D

Injection Date:	21-Apr-2023 03:45:41	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/5 Calibration Date: 04/21/2023 03:45

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0011754.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0551	0.0583		1060	1000	5.8	20.0
Toxaphene Peak 2	Ave	0.0491	0.0510		1040	1000	4.0	20.0
Toxaphene Peak 3	Ave	0.0497	0.0472		951	1000	-4.9	20.0
Toxaphene Peak 4	Ave	0.0464	0.0428		922	1000	-7.8	20.0
Toxaphene Peak 5	Lin		0.0499		1050	1000	4.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904358/5 Calibration Date: 04/21/2023 03:45

Instrument ID: CPESTGC4 Calib Start Date: 01/18/2023 12:52

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 01/18/2023 13:56

Lab File ID: 4F0011754.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.67	4.66	4.68
Toxaphene Peak 2	4.80	4.79	4.81
Toxaphene Peak 3	5.02	5.01	5.03
Toxaphene Peak 4	5.21	5.20	5.22
Toxaphene Peak 5	5.39	5.38	5.40

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011754.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 03:45:41 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-005
Operator ID: Instrument ID: CPESTGC4
Sublist: chrom-GC-4 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:20 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.622	1.622	0.000	33715629	100.0	100.0	
2	1.497	1.497	0.000	65564057	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							
1	5.091	5.091	0.000	9136145	1000.0	801.1	
1	5.581	5.581	0.000	13517106	1000.0	850.7	
1	5.684	5.684	0.000	24631274	1000.0	856.5	
1	5.992	5.992	0.000	12573176	1000.0	872.6	
1	6.725	6.725	0.000	9876047	1000.0	797.1	
		Average of Peak Amounts =				835.6	
2	4.669	4.669	0.000	38212601	1000.0	1058.0	
2	4.798	4.798	0.000	33453754	1000.0	1039.7	
2	5.015	5.015	0.000	30952644	1000.0	950.7	
2	5.206	5.206	0.000	28035204	1000.0	921.9	
2	5.385	5.385	0.000	32711205	1000.0	1045.9	
		Average of Peak Amounts =				1003.3	
						RPD = 18.23	

Reagents:

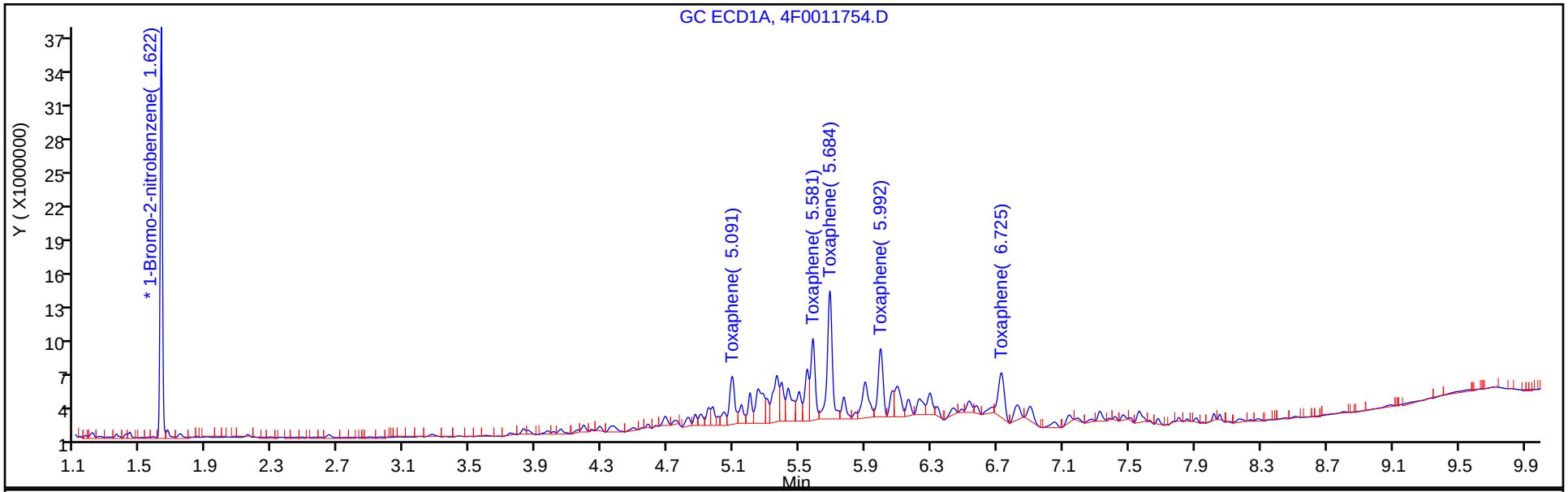
SGTOXAPHENEL4_00011 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

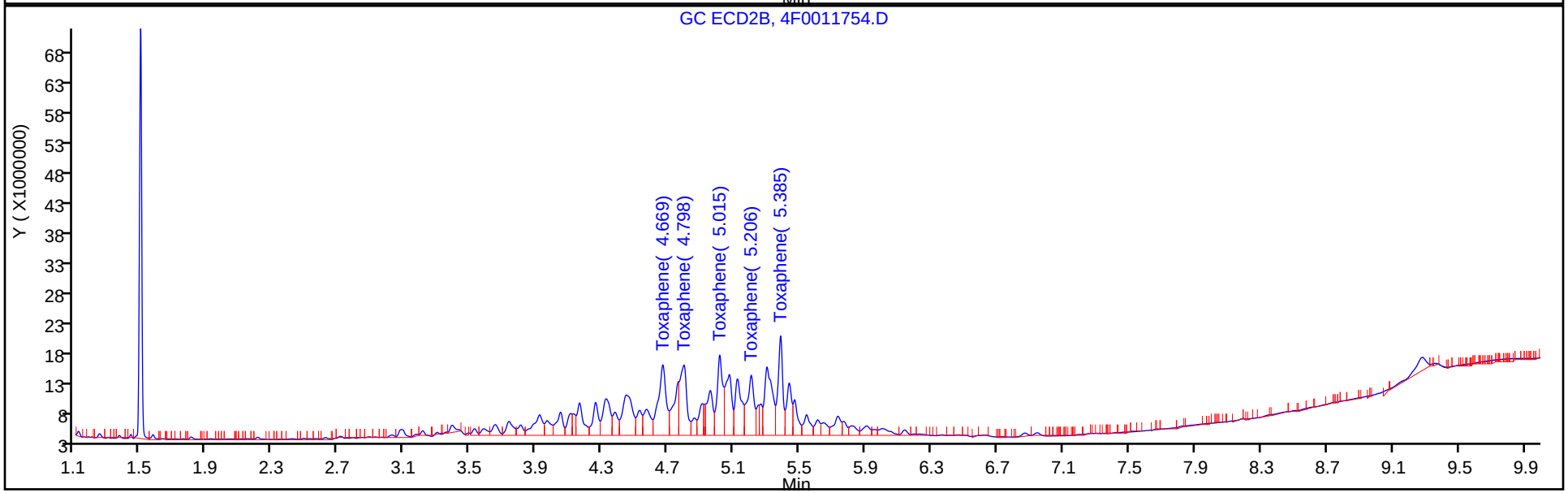
Report Date: 21-Apr-2023 06:39:21 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011754.D

Injection Date:	21-Apr-2023 03:45:41	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





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FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/9 Calibration Date: 04/17/2023 12:13

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960936.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.482	1.514		102	100	2.2	20.0
gamma-BHC (Lindane)	Ave	1.337	1.347		101	100	0.7	20.0
beta-BHC	Ave	0.6070	0.6041		99.5	100	-0.5	20.0
delta-BHC	Ave	1.363	1.387		102	100	1.8	20.0
Heptachlor	Ave	1.219	1.222		100	100	0.2	20.0
Aldrin	Ave	1.381	1.334		96.6	100	-3.4	20.0
Heptachlor epoxide	Ave	1.133	1.167		103	100	3.0	20.0
trans-Chlordane	Ave	1.151	1.195		104	100	3.8	20.0
cis-Chlordane	Ave	1.131	1.155		102	100	2.2	20.0
Endosulfan I	Ave	1.084	1.103		102	100	1.7	20.0
4,4'-DDE	Ave	1.207	1.250		104	100	3.6	20.0
Dieldrin	Ave	1.231	1.250		102	100	1.5	20.0
Endrin	Ave	1.115	1.134		102	100	1.7	20.0
4,4'-DDD	Ave	1.027	1.034		101	100	0.6	20.0
Endosulfan II	Ave	1.118	1.169		105	100	4.6	20.0
4,4'-DDT	Ave	0.8486	0.8143		96.0	100	-4.0	20.0
Endrin aldehyde	Ave	0.8973	0.8881		99.0	100	-1.0	20.0
Endosulfan sulfate	Ave	1.126	1.151		102	100	2.2	20.0
Methoxychlor	Ave	0.4580	0.4481		97.8	100	-2.2	20.0
Mirex	Ave	0.8744	0.9404		108	100	7.6	20.0
Endrin ketone	Ave	1.168	1.162		99.5	100	-0.5	20.0
Tetrachloro-m-xylene	Ave	1.082	1.102		102	100	1.9	20.0
DCB Decachlorobiphenyl	Ave	1.109	1.148		104	100	3.5	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/9 Calibration Date: 04/17/2023 12:13

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960936.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.70	2.69	2.71
gamma-BHC (Lindane)	3.02	3.01	3.03
beta-BHC	3.09	3.08	3.10
delta-BHC	3.42	3.41	3.43
Heptachlor	3.51	3.50	3.52
Aldrin	3.90	3.89	3.91
Heptachlor epoxide	4.58	4.57	4.59
trans-Chlordane	4.80	4.79	4.81
cis-Chlordane	4.95	4.94	4.96
Endosulfan I	5.01	5.00	5.02
4,4'-DDE	5.11	5.10	5.12
Dieldrin	5.26	5.25	5.27
Endrin	5.52	5.51	5.53
4,4'-DDD	5.62	5.61	5.63
Endosulfan II	5.70	5.69	5.71
4,4'-DDT	5.91	5.90	5.92
Endrin aldehyde	6.02	6.01	6.03
Endosulfan sulfate	6.32	6.31	6.33
Methoxychlor	6.83	6.82	6.84
Mirex	6.98	6.97	6.99
Endrin ketone	7.08	7.06	7.08
Tetrachloro-m-xylene	2.23	2.22	2.24
DCB Decachlorobiphenyl	8.27	8.26	8.28

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960936.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2023 12:13:44 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-009
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:25:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16148323	100.0	100.0	
2	1.609	1.611	-0.002	15734352	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.226	2.227	-0.001	17800228	100.0	101.9	
2	1.999	2.000	-0.001	13983551	100.0	100.3	
						RPD = 1.54	
15 alpha-BHC							
1	2.697	2.698	-0.001	24445169	100.0	102.2	
2	2.336	2.336	0.000	19589744	100.0	101.3	
						RPD = 0.80	
2 gamma-BHC (Lindane)							
1	3.024	3.024	0.000	21753959	100.0	100.7	
2	2.553	2.554	-0.001	17940782	100.0	100.4	
						RPD = 0.35	
6 beta-BHC							
1	3.086	3.086	0.000	9755697	100.0	99.5	
2	2.605	2.605	0.000	8080576	100.0	100.6	
						RPD = 1.02	
32 delta-BHC							
1	3.418	3.418	0.000	22401186	100.0	101.8	
2	2.747	2.748	-0.001	18551460	100.0	101.3	
						RPD = 0.49	
18 Heptachlor							
1	3.509	3.509	0.000	19730691	100.0	100.2	
2	2.933	2.934	-0.001	16723856	100.0	101.4	
						RPD = 1.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.902	3.901	0.001	21540054	100.0	96.6	
2	3.207	3.208	-0.001	16586118	100.0	98.5	
						RPD = 2.02	
12 Heptachlor epoxide							
1	4.579	4.577	0.002	18839276	100.0	103.0	
2	3.833	3.834	-0.001	15774598	100.0	101.8	
						RPD = 1.10	
9 trans-Chlordane							
1	4.796	4.797	-0.001	19291758	100.0	103.8	
2	3.964	3.965	-0.001	15709404	100.0	103.5	
						RPD = 0.31	
23 cis-Chlordane							
1	4.947	4.947	0.000	18651417	100.0	102.2	
2	4.103	4.103	0.000	15131086	100.0	100.1	
						RPD = 2.07	
7 Endosulfan I							
1	5.006	5.005	0.001	17815754	100.0	101.7	
2	4.252	4.251	0.001	14652112	100.0	101.1	
						RPD = 0.61	
25 4,4'-DDE							
1	5.108	5.108	0.000	20186502	100.0	103.6	
2	4.182	4.181	0.001	15562632	100.0	99.5	
						RPD = 4.04	
30 Dieldrin							
1	5.256	5.255	0.001	20186911	100.0	101.5	
2	4.528	4.527	0.001	16212566	100.0	99.6	
						RPD = 1.95	
20 Endrin							
1	5.522	5.521	0.001	18317808	100.0	101.7	
2	4.787	4.788	-0.001	13295981	100.0	99.9	
						RPD = 1.77	
16 4,4'-DDD							
1	5.624	5.624	0.000	16693118	100.0	100.6	
2	4.861	4.860	0.001	13226758	100.0	99.7	
						RPD = 0.91	
11 Endosulfan II							
1	5.702	5.701	0.001	18881348	100.0	104.6	
2	4.999	4.998	0.001	14203098	100.0	102.5	
						RPD = 2.05	
21 4,4'-DDT							
1	5.911	5.909	0.002	13149944	100.0	96.0	
2	5.122	5.121	0.001	12162312	100.0	95.5	
						RPD = 0.46	
5 Endrin aldehyde							
1	6.018	6.017	0.001	14342049	100.0	99.0	
2	5.357	5.357	0.000	12209786	100.0	111.7	
						RPD = 12.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.322	6.320	0.002	18578964	100.0	102.2	
2	5.717	5.718	-0.001	14832549	100.0	102.3	
						RPD = 0.13	
10 Methoxychlor							
1	6.832	6.830	0.002	7235980	100.0	97.8	
2	5.549	5.548	0.001	7004359	100.0	102.5	
						RPD = 4.64	
34 Mirex							
1	6.982	6.979	0.003	15185995	100.0	107.6	
2	5.623	5.623	0.000	11600475	100.0	106.2	
						RPD = 1.24	
13 Endrin ketone							
1	7.077	7.074	0.003	18758383	100.0	99.5	
2	5.950	5.949	0.001	16500030	100.0	99.3	
						RPD = 0.22	
$ 24 DCB Decachlorobiphenyl							M
1	8.273	8.273	0.000	18543079	100.0	103.5	
2	7.353	7.352	0.001	14139229	100.0	96.1	M
						RPD = 7.43	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPTICV_00047	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:23:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960936.D

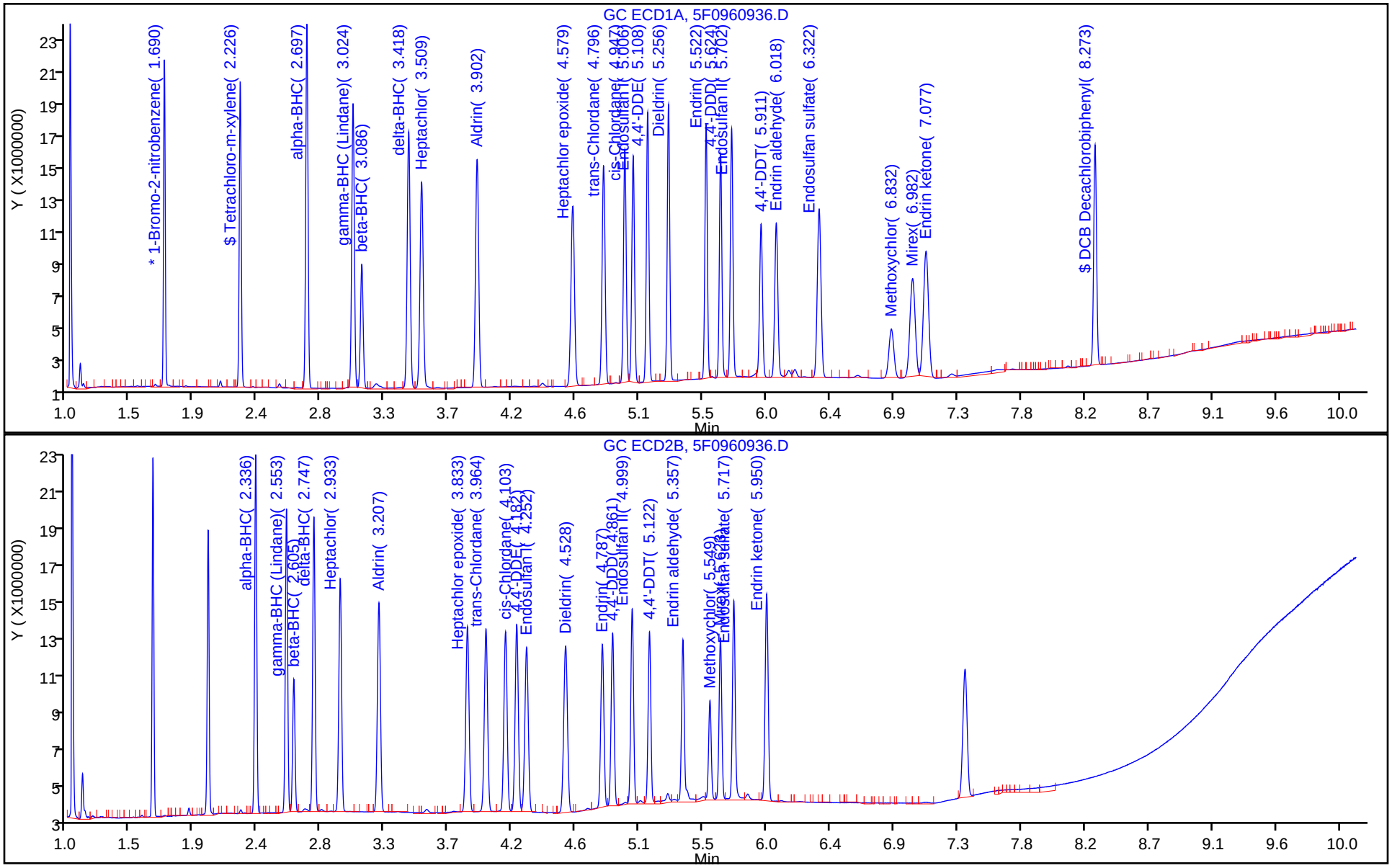
Injection Date: 17-Apr-2023 12:13:44 Instrument ID: CPESTGC5 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/9 Calibration Date: 04/17/2023 12:13

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960936.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.229	1.245		101	100	1.3	20.0
gamma-BHC (Lindane)	Ave	1.136	1.140		100	100	0.4	20.0
beta-BHC	Ave	0.5108	0.5136		101	100	0.6	20.0
delta-BHC	Ave	1.164	1.179		101	100	1.3	20.0
Heptachlor	Ave	1.048	1.063		101	100	1.4	20.0
Aldrin	Ave	1.070	1.054		98.5	100	-1.5	20.0
Heptachlor epoxide	Ave	0.9844	1.003		102	100	1.8	20.0
trans-Chlordane	Ave	0.9651	0.998		103	100	3.5	20.0
cis-Chlordane	Ave	0.9610	0.9617		100	100	0.0	20.0
4,4'-DDE	Ave	0.9942	0.9891		99.5	100	-0.5	20.0
Endosulfan I	Ave	0.9209	0.9312		101	100	1.1	20.0
Dieldrin	Ave	1.035	1.030		99.6	100	-0.4	20.0
Endrin	Ave	0.8455	0.8450		99.9	100	-0.0	20.0
4,4'-DDD	Ave	0.8430	0.8406		99.7	100	-0.3	20.0
Endosulfan II	Ave	0.8810	0.9027		102	100	2.5	20.0
4,4'-DDT	Ave	0.8092	0.7730		95.5	100	-4.5	20.0
Endrin aldehyde	Ave	0.6949	0.7760		112	100	11.7	20.0
Methoxychlor	Ave	0.4344	0.4452		102	100	2.5	20.0
Mirex	Ave	0.6941	0.7373		106	100	6.2	20.0
Endosulfan sulfate	Ave	0.9215	0.9427		102	100	2.3	20.0
Endrin ketone	Ave	1.056	1.049		99.3	100	-0.7	20.0
Tetrachloro-m-xylene	Ave	0.8859	0.8887		100	100	0.3	20.0
DCB Decachlorobiphenyl	Ave	0.9348	0.8986		96.1	100	-3.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/9 Calibration Date: 04/17/2023 12:13

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960936.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.34	2.33	2.35
gamma-BHC (Lindane)	2.55	2.54	2.56
beta-BHC	2.61	2.60	2.62
delta-BHC	2.75	2.74	2.76
Heptachlor	2.93	2.92	2.94
Aldrin	3.21	3.20	3.22
Heptachlor epoxide	3.83	3.82	3.84
trans-Chlordane	3.96	3.96	3.98
cis-Chlordane	4.10	4.09	4.11
4,4'-DDE	4.18	4.17	4.19
Endosulfan I	4.25	4.24	4.26
Dieldrin	4.53	4.52	4.54
Endrin	4.79	4.78	4.80
4,4'-DDD	4.86	4.85	4.87
Endosulfan II	5.00	4.99	5.01
4,4'-DDT	5.12	5.11	5.13
Endrin aldehyde	5.36	5.35	5.37
Methoxychlor	5.55	5.54	5.56
Mirex	5.62	5.61	5.63
Endosulfan sulfate	5.72	5.71	5.73
Endrin ketone	5.95	5.94	5.96
Tetrachloro-m-xylene	2.00	1.99	2.01
DCB Decachlorobiphenyl	7.35	7.34	7.36

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960936.D
Lims ID: ICV PEST
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2023 12:13:44 ALS Bottle#: 9 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-009
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:25:24

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16148323	100.0	100.0	
2	1.609	1.611	-0.002	15734352	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.226	2.227	-0.001	17800228	100.0	101.9	
2	1.999	2.000	-0.001	13983551	100.0	100.3	
						RPD = 1.54	
15 alpha-BHC							
1	2.697	2.698	-0.001	24445169	100.0	102.2	
2	2.336	2.336	0.000	19589744	100.0	101.3	
						RPD = 0.80	
2 gamma-BHC (Lindane)							
1	3.024	3.024	0.000	21753959	100.0	100.7	
2	2.553	2.554	-0.001	17940782	100.0	100.4	
						RPD = 0.35	
6 beta-BHC							
1	3.086	3.086	0.000	9755697	100.0	99.5	
2	2.605	2.605	0.000	8080576	100.0	100.6	
						RPD = 1.02	
32 delta-BHC							
1	3.418	3.418	0.000	22401186	100.0	101.8	
2	2.747	2.748	-0.001	18551460	100.0	101.3	
						RPD = 0.49	
18 Heptachlor							
1	3.509	3.509	0.000	19730691	100.0	100.2	
2	2.933	2.934	-0.001	16723856	100.0	101.4	
						RPD = 1.17	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.902	3.901	0.001	21540054	100.0	96.6	
2	3.207	3.208	-0.001	16586118	100.0	98.5	
						RPD = 2.02	
12 Heptachlor epoxide							
1	4.579	4.577	0.002	18839276	100.0	103.0	
2	3.833	3.834	-0.001	15774598	100.0	101.8	
						RPD = 1.10	
9 trans-Chlordane							
1	4.796	4.797	-0.001	19291758	100.0	103.8	
2	3.964	3.965	-0.001	15709404	100.0	103.5	
						RPD = 0.31	
23 cis-Chlordane							
1	4.947	4.947	0.000	18651417	100.0	102.2	
2	4.103	4.103	0.000	15131086	100.0	100.1	
						RPD = 2.07	
7 Endosulfan I							
1	5.006	5.005	0.001	17815754	100.0	101.7	
2	4.252	4.251	0.001	14652112	100.0	101.1	
						RPD = 0.61	
25 4,4'-DDE							
1	5.108	5.108	0.000	20186502	100.0	103.6	
2	4.182	4.181	0.001	15562632	100.0	99.5	
						RPD = 4.04	
30 Dieldrin							
1	5.256	5.255	0.001	20186911	100.0	101.5	
2	4.528	4.527	0.001	16212566	100.0	99.6	
						RPD = 1.95	
20 Endrin							
1	5.522	5.521	0.001	18317808	100.0	101.7	
2	4.787	4.788	-0.001	13295981	100.0	99.9	
						RPD = 1.77	
16 4,4'-DDD							
1	5.624	5.624	0.000	16693118	100.0	100.6	
2	4.861	4.860	0.001	13226758	100.0	99.7	
						RPD = 0.91	
11 Endosulfan II							
1	5.702	5.701	0.001	18881348	100.0	104.6	
2	4.999	4.998	0.001	14203098	100.0	102.5	
						RPD = 2.05	
21 4,4'-DDT							
1	5.911	5.909	0.002	13149944	100.0	96.0	
2	5.122	5.121	0.001	12162312	100.0	95.5	
						RPD = 0.46	
5 Endrin aldehyde							
1	6.018	6.017	0.001	14342049	100.0	99.0	
2	5.357	5.357	0.000	12209786	100.0	111.7	
						RPD = 12.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							
1	6.322	6.320	0.002	18578964	100.0	102.2	
2	5.717	5.718	-0.001	14832549	100.0	102.3	
						RPD = 0.13	
10 Methoxychlor							
1	6.832	6.830	0.002	7235980	100.0	97.8	
2	5.549	5.548	0.001	7004359	100.0	102.5	
						RPD = 4.64	
34 Mirex							
1	6.982	6.979	0.003	15185995	100.0	107.6	
2	5.623	5.623	0.000	11600475	100.0	106.2	
						RPD = 1.24	
13 Endrin ketone							
1	7.077	7.074	0.003	18758383	100.0	99.5	
2	5.950	5.949	0.001	16500030	100.0	99.3	
						RPD = 0.22	
$ 24 DCB Decachlorobiphenyl							M
1	8.273	8.273	0.000	18543079	100.0	103.5	
2	7.353	7.352	0.001	14139229	100.0	96.1	M
						RPD = 7.43	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPTICV_00047	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:24:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960936.D

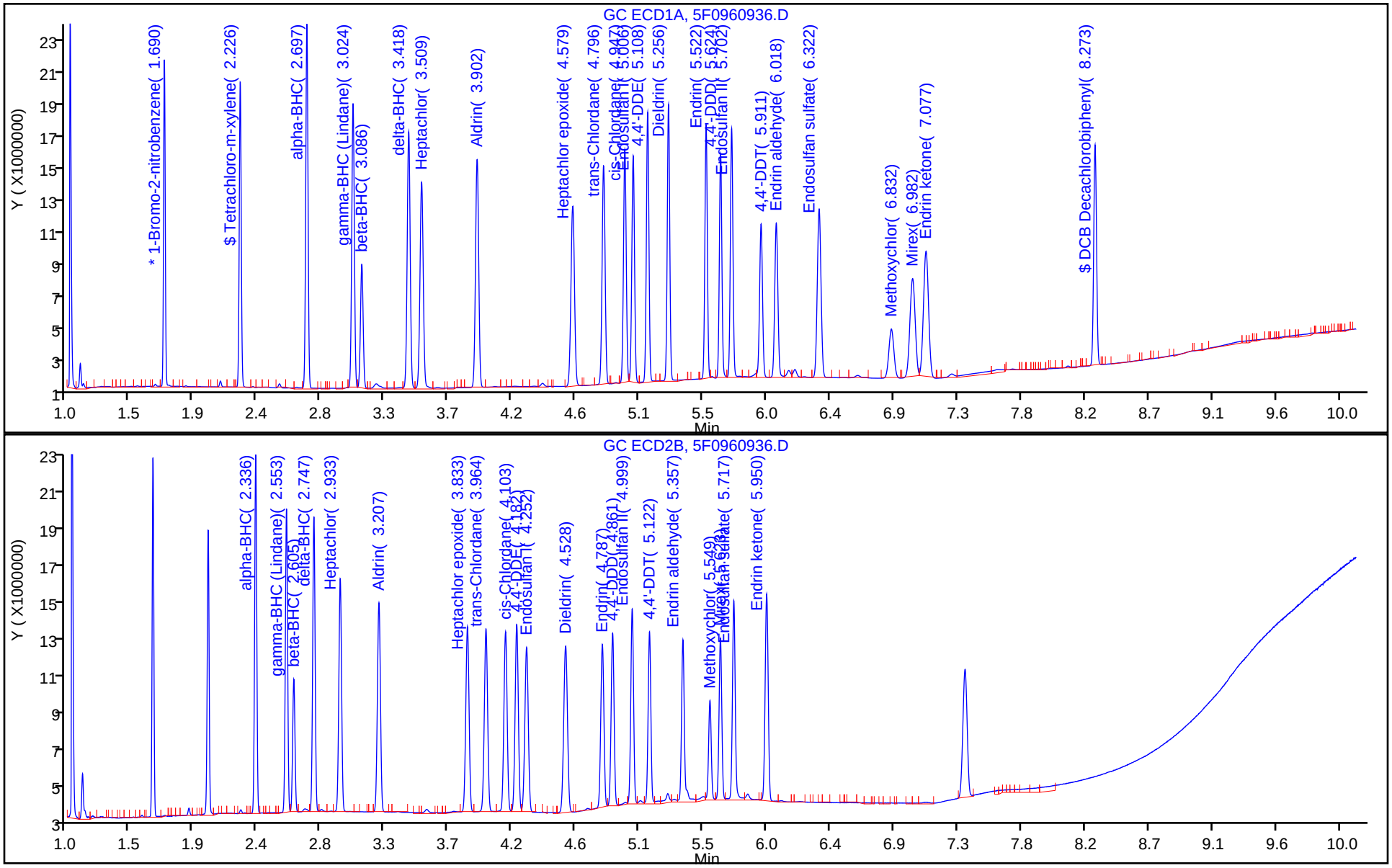
Injection Date: 17-Apr-2023 12:13:44 Instrument ID: CPESTGC5 Operator ID:

Lims ID: ICV PEST Worklist Smp#: 9

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 9

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/15 Calibration Date: 04/17/2023 13:31

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960942.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0405	0.0391		964	1000	-3.6	20.0
Chlordane (technical) Peak 1	Ave	0.0405	0.0391		964	1000	-3.6	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0419	0.0396		944	1000	-5.6	20.0
Chlordane (technical) Peak 2	Ave	0.0419	0.0396		944	1000	-5.6	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1322	0.1301		984	1000	-1.6	20.0
Chlordane (technical) Peak 3	Ave	0.1322	0.1301		984	1000	-1.6	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1441	0.1427		990	1000	-1.0	20.0
Chlordane (technical) Peak 4	Ave	0.1441	0.1427		990	1000	-1.0	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.1054	0.1038		985	1000	-1.5	20.0
Chlordane (technical) Peak 5	Ave	0.1054	0.1038		985	1000	-1.5	20.0
Chlordane (n.o.s.)	None		0.0391		974	1000	-2.6	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/15 Calibration Date: 04/17/2023 13:31

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960942.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.34	3.33	3.35
Chlordane (technical) Peak 1	3.34	3.33	3.35
Chlordane (n.o.s.) Peak 2	4.06	4.05	4.07
Chlordane (technical) Peak 2	4.06	4.05	4.07
Chlordane (n.o.s.) Peak 3	4.80	4.79	4.81
Chlordane (technical) Peak 3	4.80	4.79	4.81
Chlordane (n.o.s.) Peak 4	4.89	4.88	4.90
Chlordane (technical) Peak 4	4.89	4.88	4.90
Chlordane (n.o.s.) Peak 5	4.95	4.94	4.96
Chlordane (technical) Peak 5	4.95	4.94	4.96
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960942.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2023 13:31:32 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-015
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:22:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16852955	100.0	100.0	
2	1.609	1.611	-0.002	16276974	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.338	3.338	0.000	6585226	1000.0	964.1	M
1	4.056	4.055	0.001	6671349	1000.0	944.5	M
1	4.796	4.796	0.000	21922484	1000.0	984.2	M
1	4.889	4.889	0.000	24042981	1000.0	990.3	M
1	4.947	4.947	0.000	17499761	1000.0	984.8	M
		Average of Peak Amounts =				973.6	
2	2.866	2.865	0.001	5219086	1000.0	966.4	M
2	3.328	3.328	0.000	6200060	1000.0	998.0	M
2	3.762	3.763	-0.001	4153299	1000.0	1014.8	M
2	3.965	3.965	0.000	19336083	1000.0	953.8	M
2	4.089	4.090	-0.001	31607245	1000.0	929.8	M
		Average of Peak Amounts =				972.6	
						RPD = 0.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.338	3.338	0.000	6585226	1000.0	964.1	M
1	4.056	4.055	0.001	6671349	1000.0	944.5	M
1	4.796	4.796	0.000	21922484	1000.0	984.2	M
1	4.889	4.889	0.000	24042981	1000.0	990.3	M
1	4.947	4.947	0.000	17499761	1000.0	984.8	M
		Average of Peak Amounts =				973.6	
2	2.866	2.865	0.001	5219086	1000.0	966.4	M
2	3.328	3.328	0.000	6200060	1000.0	998.0	M
2	3.762	3.763	-0.001	4153299	1000.0	1014.8	M
2	3.965	3.965	0.000	19336083	1000.0	953.8	M
2	4.089	4.090	-0.001	31607245	1000.0	929.8	M
		Average of Peak Amounts =				972.6	
						RPD = 0.10	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

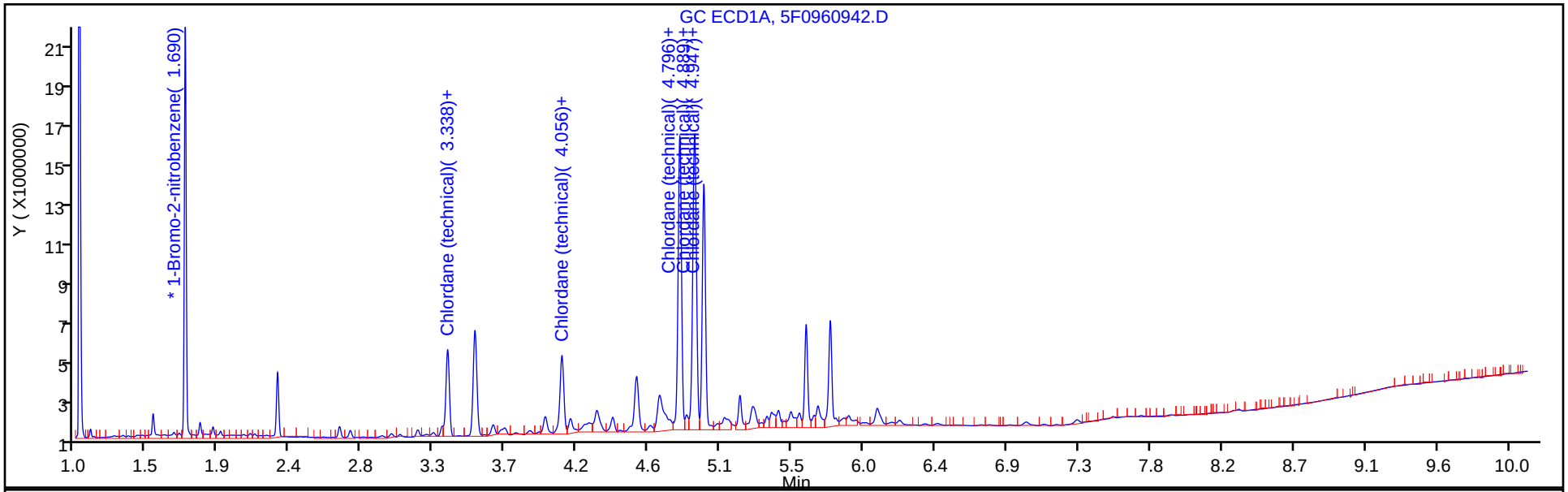
SGCHLOR ICV_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

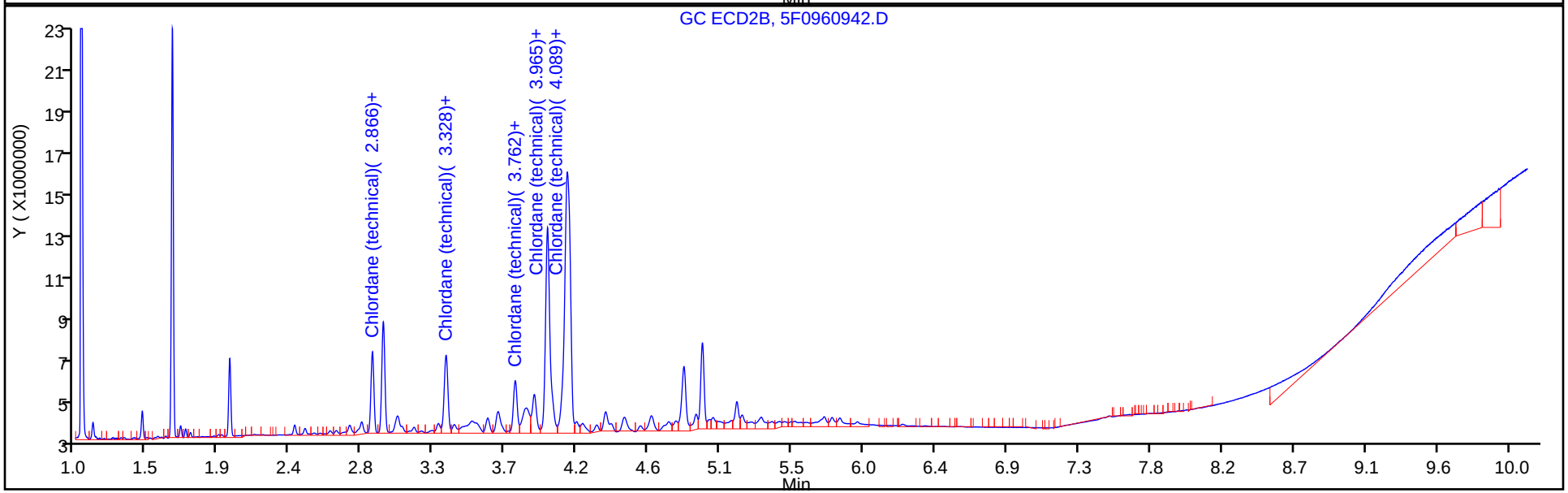
Report Date: 19-Apr-2023 09:24:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960942.D

Injection Date:	17-Apr-2023 13:31:32	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	ICV CHLOR			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/15 Calibration Date: 04/17/2023 13:31

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960942.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0332	0.0321		966	1000	-3.4	20.0
Chlordane (technical) Peak 1	Ave	0.0332	0.0321		966	1000	-3.4	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0382	0.0381		998	1000	-0.2	20.0
Chlordane (technical) Peak 2	Ave	0.0382	0.0381		998	1000	-0.2	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0251	0.0255		1010	1000	1.5	20.0
Chlordane (technical) Peak 3	Ave	0.0251	0.0255		1010	1000	1.5	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1245	0.1188		954	1000	-4.6	20.0
Chlordane (technical) Peak 4	Ave	0.1245	0.1188		954	1000	-4.6	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2088	0.1942		930	1000	-7.0	20.0
Chlordane (technical) Peak 5	Ave	0.2088	0.1942		930	1000	-7.0	20.0
Chlordane (n.o.s.)	None		0.0321		973	1000	-2.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/15 Calibration Date: 04/17/2023 13:31

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960942.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.87	2.86	2.88
Chlordane (technical) Peak 1	2.87	2.86	2.88
Chlordane (n.o.s.) Peak 2	3.33	3.32	3.34
Chlordane (technical) Peak 2	3.33	3.32	3.34
Chlordane (n.o.s.) Peak 3	3.76	3.75	3.77
Chlordane (technical) Peak 3	3.76	3.75	3.77
Chlordane (n.o.s.) Peak 4	3.97	3.96	3.98
Chlordane (technical) Peak 4	3.97	3.96	3.98
Chlordane (n.o.s.) Peak 5	4.09	4.08	4.10
Chlordane (technical) Peak 5	4.09	4.08	4.10
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960942.D
Lims ID: ICV CHLOR
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2023 13:31:32 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-015
Operator ID: Instrument ID: CPESTGC5
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:22:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16852955	100.0	100.0	
2	1.609	1.611	-0.002	16276974	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.338	3.338	0.000	6585226	1000.0	964.1	M
1	4.056	4.055	0.001	6671349	1000.0	944.5	M
1	4.796	4.796	0.000	21922484	1000.0	984.2	M
1	4.889	4.889	0.000	24042981	1000.0	990.3	M
1	4.947	4.947	0.000	17499761	1000.0	984.8	M
		Average of Peak Amounts =				973.6	
2	2.866	2.865	0.001	5219086	1000.0	966.4	M
2	3.328	3.328	0.000	6200060	1000.0	998.0	M
2	3.762	3.763	-0.001	4153299	1000.0	1014.8	M
2	3.965	3.965	0.000	19336083	1000.0	953.8	M
2	4.089	4.090	-0.001	31607245	1000.0	929.8	M
		Average of Peak Amounts =				972.6	
						RPD = 0.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.338	3.338	0.000	6585226	1000.0	964.1	M
1	4.056	4.055	0.001	6671349	1000.0	944.5	M
1	4.796	4.796	0.000	21922484	1000.0	984.2	M
1	4.889	4.889	0.000	24042981	1000.0	990.3	M
1	4.947	4.947	0.000	17499761	1000.0	984.8	M
		Average of Peak Amounts =				973.6	
2	2.866	2.865	0.001	5219086	1000.0	966.4	M
2	3.328	3.328	0.000	6200060	1000.0	998.0	M
2	3.762	3.763	-0.001	4153299	1000.0	1014.8	M
2	3.965	3.965	0.000	19336083	1000.0	953.8	M
2	4.089	4.090	-0.001	31607245	1000.0	929.8	M
		Average of Peak Amounts =				972.6	
						RPD = 0.10	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

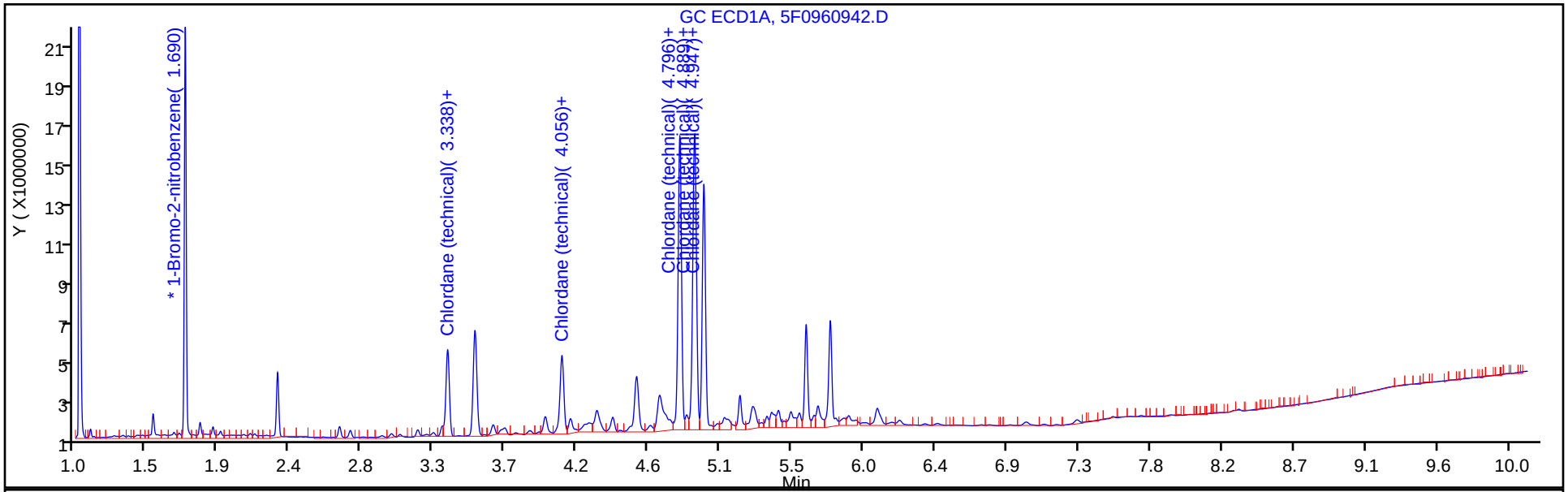
SGCHLOR ICV_00010	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

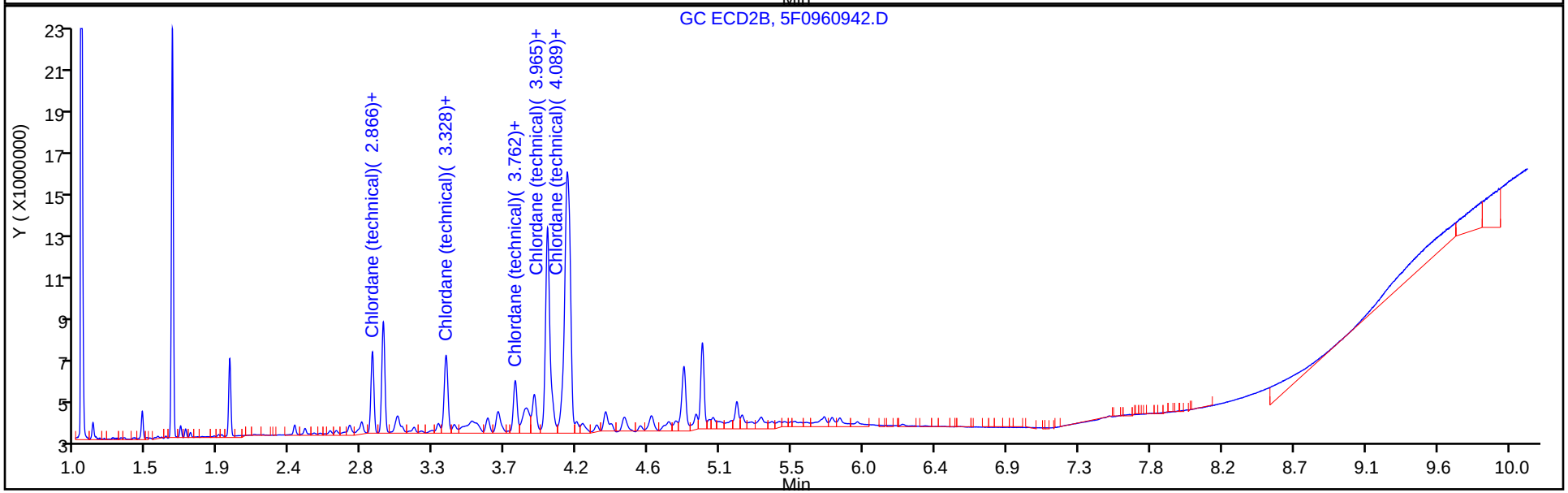
Report Date: 19-Apr-2023 09:24:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960942.D

Injection Date:	17-Apr-2023 13:31:32	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	ICV CHLOR			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/21 Calibration Date: 04/17/2023 14:49

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960948.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0318	0.0322		1010	1000	1.3	20.0
Toxaphene Peak 2	Ave	0.0418	0.0397		950	1000	-5.0	20.0
Toxaphene Peak 3	Ave	0.0690	0.0672		974	1000	-2.6	20.0
Toxaphene Peak 4	Ave	0.0397	0.0414		1040	1000	4.3	20.0
Toxaphene Peak 5	Lin		0.0393		878	1000	-12.2	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/21 Calibration Date: 04/17/2023 14:49

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960948.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	5.24	5.23	5.25
Toxaphene Peak 2	5.69	5.68	5.70
Toxaphene Peak 3	5.77	5.76	5.78
Toxaphene Peak 4	6.02	6.01	6.03
Toxaphene Peak 5	6.63	6.62	6.64

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960948.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2023 14:49:22 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-021
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:25:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16917381	100.0	100.0	
2	1.610	1.611	-0.001	16745155	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.235	5.236	-0.001	5454472	1000.0	1012.8	M
1	5.685	5.686	-0.001	6719471	1000.0	950.0	M
1	5.770	5.770	0.000	11362236	1000.0	974.0	M
1	6.017	6.018	-0.001	6998565	1000.0	1043.2	M
1	6.627	6.630	-0.003	6643664	1000.0	878.5	M
		Average of Peak Amounts =				971.7	
2	4.990	4.991	-0.001	8813062	1000.0	1075.5	M
2	5.095	5.095	0.000	7102071	1000.0	991.8	M
2	5.288	5.288	0.000	6847145	1000.0	1055.3	M
2	5.463	5.463	0.000	5583739	1000.0	1015.0	M
2	5.629	5.629	0.000	6303998	1000.0	1088.6	M
		Average of Peak Amounts =				1045.3	
						RPD = 7.29	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

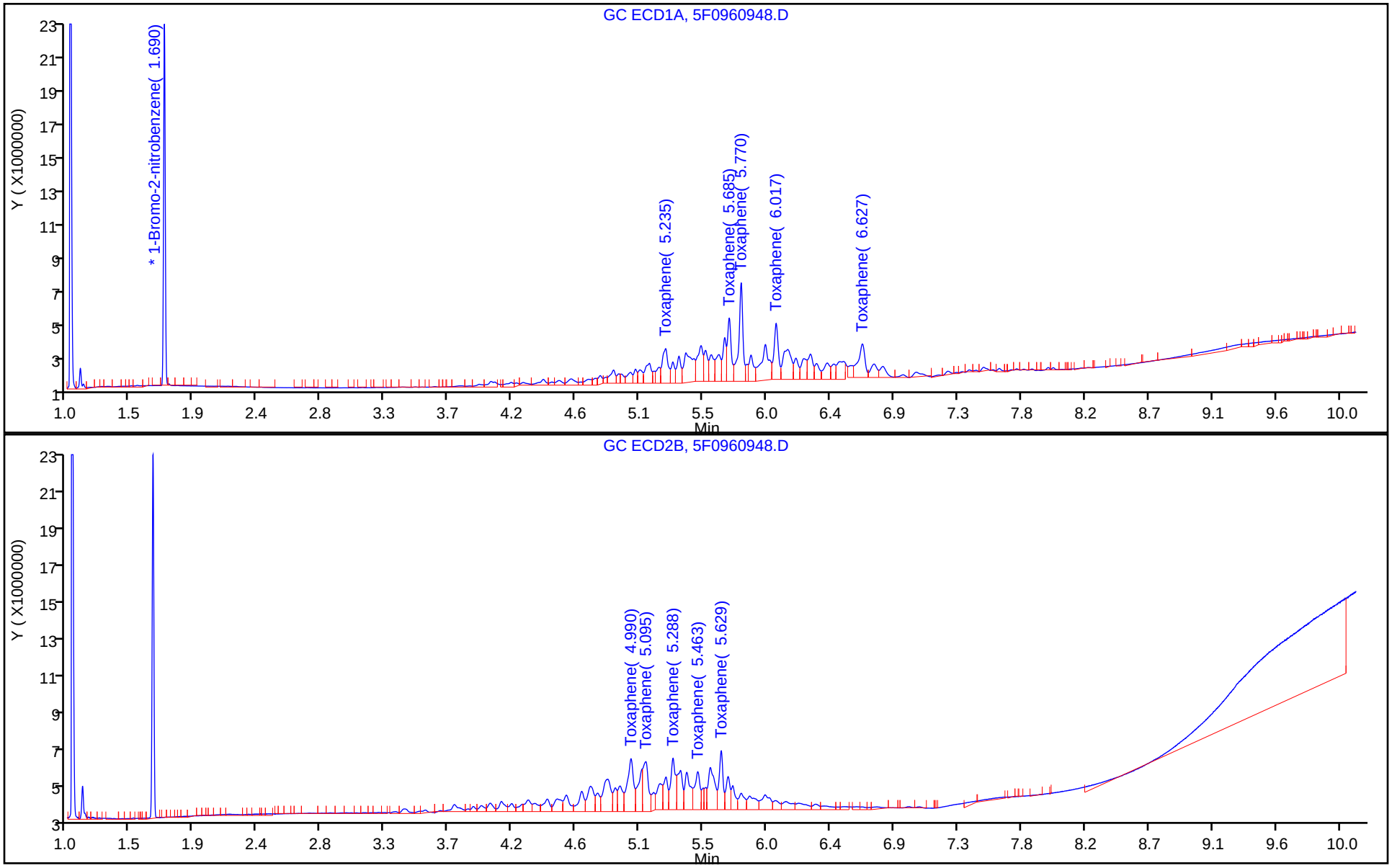
SGTOX ICV_00016	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:24:06 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960948.D

Injection Date:	17-Apr-2023 14:49:22	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/21 Calibration Date: 04/17/2023 14:49

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960948.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0489	0.0526		1080	1000	7.5	20.0
Toxaphene Peak 2	Ave	0.0428	0.0424		992	1000	-0.8	20.0
Toxaphene Peak 3	Ave	0.0387	0.0409		1060	1000	5.5	20.0
Toxaphene Peak 4	Ave	0.0329	0.0333		1020	1000	1.5	20.0
Toxaphene Peak 5	Ave	0.0346	0.0376		1090	1000	8.9	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-903463/21 Calibration Date: 04/17/2023 14:49

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960948.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.99	4.98	5.00
Toxaphene Peak 2	5.10	5.09	5.11
Toxaphene Peak 3	5.29	5.28	5.30
Toxaphene Peak 4	5.46	5.45	5.47
Toxaphene Peak 5	5.63	5.62	5.64

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960948.D
Lims ID: ICV TOX
Client ID:
Sample Type: ICV
Inject. Date: 17-Apr-2023 14:49:22 ALS Bottle#: 21 Worklist Smp#: 21
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159175-021
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 19-Apr-2023 09:21:19 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1681

First Level Reviewer: ESS0 Date: 19-Apr-2023 07:25:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.690	1.692	-0.002	16917381	100.0	100.0	
2	1.610	1.611	-0.001	16745155	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							Ma
1	5.235	5.236	-0.001	5454472	1000.0	1012.8	M
1	5.685	5.686	-0.001	6719471	1000.0	950.0	M
1	5.770	5.770	0.000	11362236	1000.0	974.0	M
1	6.017	6.018	-0.001	6998565	1000.0	1043.2	M
1	6.627	6.630	-0.003	6643664	1000.0	878.5	M
		Average of Peak Amounts =				971.7	
2	4.990	4.991	-0.001	8813062	1000.0	1075.5	M
2	5.095	5.095	0.000	7102071	1000.0	991.8	M
2	5.288	5.288	0.000	6847145	1000.0	1055.3	M
2	5.463	5.463	0.000	5583739	1000.0	1015.0	M
2	5.629	5.629	0.000	6303998	1000.0	1088.6	M
		Average of Peak Amounts =				1045.3	
						RPD = 7.29	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated
a - User Assigned ID

Reagents:

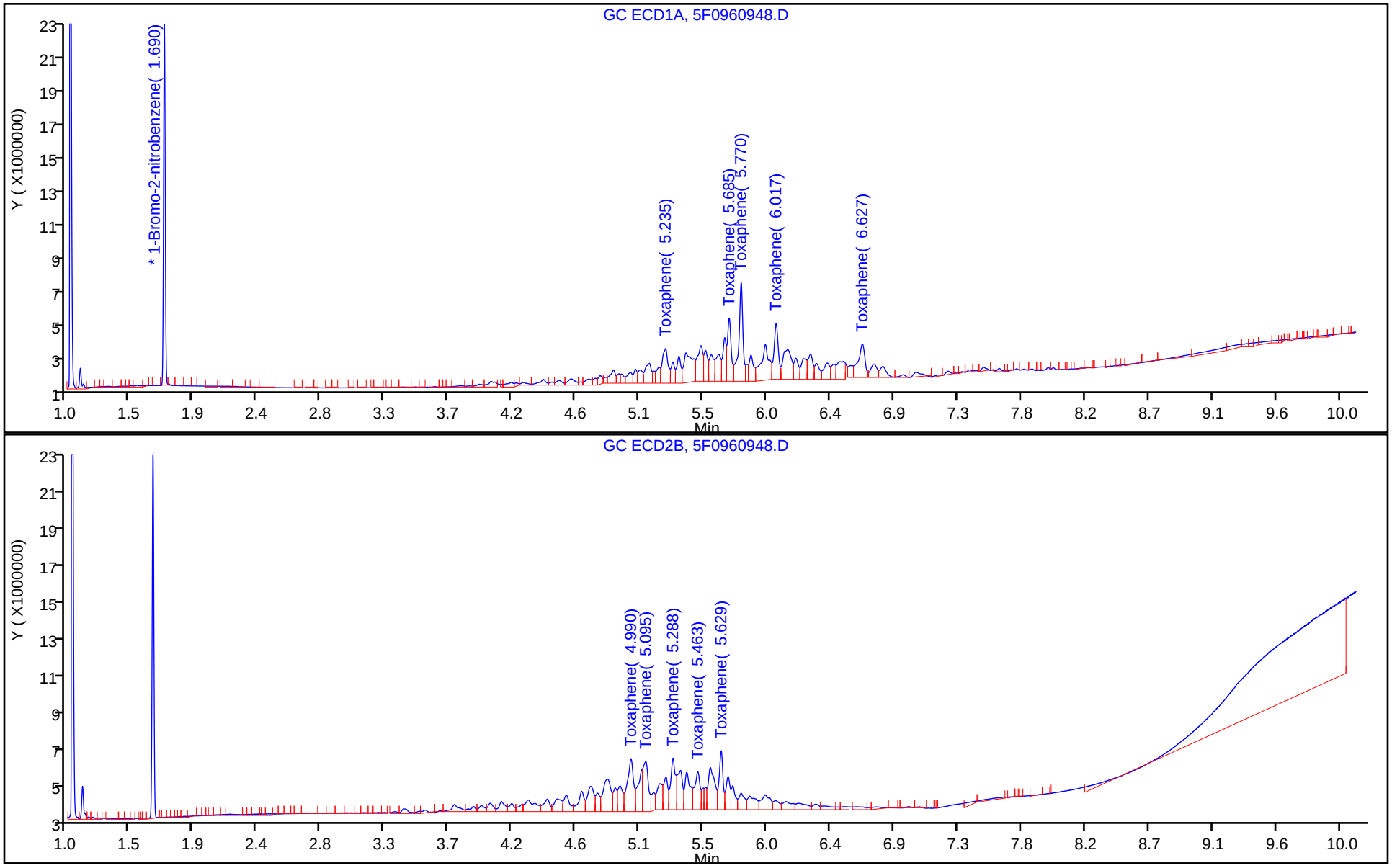
SGTOX ICV_00016	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 19-Apr-2023 09:24:06 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960948.D

Injection Date:	17-Apr-2023 14:49:22	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	ICV TOX			Worklist Smp#:	21
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904119/3 Calibration Date: 04/20/2023 03:25

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960969.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.482	1.379		93.0	100	-7.0	20.0
gamma-BHC (Lindane)	Ave	1.337	1.262		94.4	100	-5.6	20.0
beta-BHC	Ave	0.6070	0.5705		94.0	100	-6.0	20.0
delta-BHC	Ave	1.363	1.288		94.5	100	-5.5	20.0
Heptachlor	Ave	1.219	1.182		97.0	100	-3.0	20.0
Aldrin	Ave	1.381	1.227		88.8	100	-11.2	20.0
Heptachlor epoxide	Ave	1.133	1.053		93.0	100	-7.0	20.0
trans-Chlordane	Ave	1.151	1.066		92.6	100	-7.4	20.0
cis-Chlordane	Ave	1.131	1.050		92.9	100	-7.1	20.0
Endosulfan I	Ave	1.084	1.019		94.0	100	-6.0	20.0
4,4'-DDE	Ave	1.207	1.112		92.1	100	-7.9	20.0
Dieldrin	Ave	1.231	1.166		94.7	100	-5.3	20.0
Endrin	Ave	1.115	1.069		95.8	100	-4.2	20.0
4,4'-DDD	Ave	1.027	0.9453		92.0	100	-8.0	20.0
Endosulfan II	Ave	1.118	1.056		94.4	100	-5.6	20.0
4,4'-DDT	Ave	0.8486	0.8885		105	100	4.7	20.0
Endrin aldehyde	Ave	0.8973	0.7991		89.1	100	-10.9	20.0
Endosulfan sulfate	Ave	1.126	1.077		95.6	100	-4.4	20.0
Methoxychlor	Ave	0.4580	0.4877		106	100	6.5	20.0
Mirex	Ave	0.8744	0.8921		102	100	2.0	20.0
Endrin ketone	Ave	1.168	1.178		101	100	0.9	20.0
Tetrachloro-m-xylene	Ave	1.082	0.999		92.4	100	-7.6	20.0
DCB Decachlorobiphenyl	Ave	1.109	1.033		93.2	100	-6.8	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904119/3 Calibration Date: 04/20/2023 03:25

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960969.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.69	2.68	2.70
gamma-BHC (Lindane)	3.02	3.01	3.03
beta-BHC	3.08	3.07	3.09
delta-BHC	3.41	3.40	3.42
Heptachlor	3.50	3.49	3.51
Aldrin	3.89	3.88	3.90
Heptachlor epoxide	4.57	4.56	4.58
trans-Chlordane	4.79	4.78	4.80
cis-Chlordane	4.94	4.93	4.95
Endosulfan I	5.00	4.99	5.01
4,4'-DDE	5.10	5.09	5.11
Dieldrin	5.25	5.24	5.26
Endrin	5.52	5.51	5.53
4,4'-DDD	5.62	5.61	5.63
Endosulfan II	5.70	5.69	5.71
4,4'-DDT	5.91	5.90	5.92
Endrin aldehyde	6.01	6.00	6.02
Endosulfan sulfate	6.32	6.31	6.33
Methoxychlor	6.83	6.82	6.84
Mirex	6.98	6.97	6.99
Endrin ketone	7.07	7.06	7.08
Tetrachloro-m-xylene	2.22	2.21	2.23
DCB Decachlorobiphenyl	8.27	8.26	8.28

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960969.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Apr-2023 03:25:14 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:03:00 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 03:41:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.684	1.684	0.000	18117851	100.0	100.0	
2	1.604	1.604	0.000	16468517	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.220	2.220	0.000	18106269	100.0	92.4	
2	1.994	1.994	0.000	13645582	100.0	93.5	
						RPD = 1.26	
15 alpha-BHC							
1	2.691	2.691	0.000	24982683	100.0	93.0	
2	2.329	2.329	0.000	19079239	100.0	94.3	
						RPD = 1.33	
2 gamma-BHC (Lindane)							
1	3.016	3.016	0.000	22868359	100.0	94.4	
2	2.546	2.546	0.000	17700951	100.0	94.6	
						RPD = 0.26	
6 beta-BHC							
1	3.078	3.078	0.000	10335819	100.0	94.0	
2	2.598	2.598	0.000	8013593	100.0	95.3	
						RPD = 1.36	
32 delta-BHC							
1	3.409	3.409	0.000	23340800	100.0	94.5	
2	2.740	2.740	0.000	18207449	100.0	95.0	
						RPD = 0.48	
18 Heptachlor							
1	3.499	3.499	0.000	21412060	100.0	97.0	
2	2.925	2.925	0.000	16135189	100.0	93.5	
						RPD = 3.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.893	3.893	0.000	22234046	100.0	88.8	
2	3.199	3.199	0.000	16300991	100.0	92.5	
						RPD = 4.06	
12 Heptachlor epoxide							
1	4.567	4.567	0.000	19082924	100.0	93.0	
2	3.824	3.824	0.000	14875153	100.0	91.8	
						RPD = 1.30	
9 trans-Chlordane							
1	4.788	4.788	0.000	19305015	100.0	92.6	
2	3.956	3.956	0.000	14594338	100.0	91.8	
						RPD = 0.80	
23 cis-Chlordane							M
1	4.939	4.939	0.000	19029061	100.0	92.9	M
2	4.094	4.094	0.000	14160194	100.0	89.5	
						RPD = 3.76	
7 Endosulfan I							M
1	4.998	4.998	0.000	18464059	100.0	94.0	M
2	4.242	4.242	0.000	13985308	100.0	92.2	
						RPD = 1.89	
25 4,4'-DDE							
1	5.101	5.101	0.000	20139111	100.0	92.1	
2	4.173	4.173	0.000	14842742	100.0	90.7	
						RPD = 1.60	
30 Dieldrin							
1	5.249	5.249	0.000	21127765	100.0	94.7	
2	4.517	4.517	0.000	15741705	100.0	92.4	
						RPD = 2.51	
20 Endrin							M
1	5.517	5.517	0.000	19362779	100.0	95.8	
2	4.779	4.779	0.000	13320552	100.0	95.7	M
						RPD = 0.18	
16 4,4'-DDD							M
1	5.620	5.620	0.000	17127149	100.0	92.0	
2	4.852	4.852	0.000	12300109	100.0	88.6	M
						RPD = 3.80	
11 Endosulfan II							M
1	5.698	5.698	0.000	19124081	100.0	94.4	
2	4.991	4.991	0.000	12999634	100.0	89.6	M
						RPD = 5.23	
21 4,4'-DDT							M
1	5.906	5.906	0.000	16097684	100.0	104.7	
2	5.114	5.114	0.000	11871692	100.0	89.1	M
						RPD = 16.12	
5 Endrin aldehyde							M
1	6.014	6.014	0.000	14477121	100.0	89.1	
2	5.352	5.352	0.000	10550896	100.0	92.2	M
						RPD = 3.48	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.317	6.317	0.000	19508763	100.0	95.6	
2	5.714	5.714	0.000	13275668	100.0	87.5	M
						RPD = 8.89	
10 Methoxychlor							M
1	6.829	6.829	0.000	8835442	100.0	106.5	
2	5.544	5.544	0.000	6707767	100.0	93.8	M
						RPD = 12.69	
34 Mirex							M
1	6.976	6.976	0.000	16163228	100.0	102.0	M
2	5.619	5.619	0.000	10203381	100.0	89.3	M
						RPD = 13.35	
13 Endrin ketone							M
1	7.074	7.074	0.000	21348526	100.0	100.9	M
2	5.946	5.946	0.000	15329796	100.0	88.1	M
						RPD = 13.55	
$ 24 DCB Decachlorobiphenyl							
1	8.274	8.274	0.000	18724366	100.0	93.2	
2	7.351	7.351	0.000	12206044	100.0	79.3	
						RPD = 16.13	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 06:03:01 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960969.D

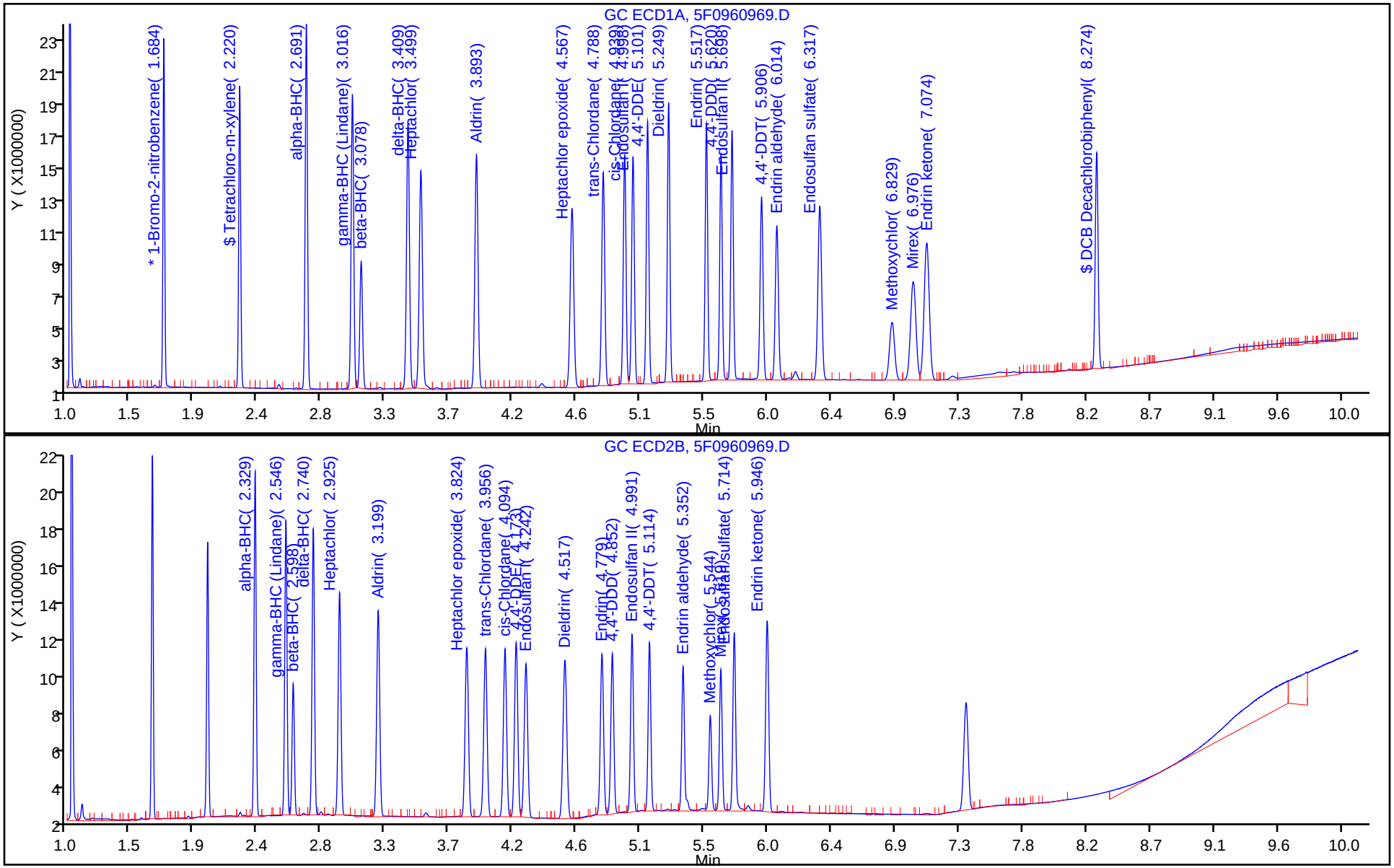
Injection Date: 20-Apr-2023 03:25:14 Instrument ID: CPESTGC5 Operator ID:

Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904119/3 Calibration Date: 04/20/2023 03:25

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960969.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
alpha-BHC	Ave	1.229	1.159		94.3	100	-5.7	20.0
gamma-BHC (Lindane)	Ave	1.136	1.075		94.6	100	-5.4	20.0
beta-BHC	Ave	0.5108	0.4866		95.3	100	-4.7	20.0
delta-BHC	Ave	1.164	1.106		95.0	100	-5.0	20.0
Heptachlor	Ave	1.048	0.9798		93.5	100	-6.5	20.0
Aldrin	Ave	1.070	0.9898		92.5	100	-7.5	20.0
Heptachlor epoxide	Ave	0.9844	0.9032		91.8	100	-8.2	20.0
trans-Chlordane	Ave	0.9651	0.8862		91.8	100	-8.2	20.0
cis-Chlordane	Ave	0.9610	0.8598		89.5	100	-10.5	20.0
4,4'-DDE	Ave	0.9942	0.9013		90.7	100	-9.3	20.0
Endosulfan I	Ave	0.9209	0.8492		92.2	100	-7.8	20.0
Dieldrin	Ave	1.035	0.9559		92.4	100	-7.6	20.0
Endrin	Ave	0.8455	0.8088		95.7	100	-4.3	20.0
4,4'-DDD	Ave	0.8430	0.7469		88.6	100	-11.4	20.0
Endosulfan II	Ave	0.8810	0.7894		89.6	100	-10.4	20.0
4,4'-DDT	Ave	0.8092	0.7209		89.1	100	-10.9	20.0
Endrin aldehyde	Ave	0.6949	0.6407		92.2	100	-7.8	20.0
Methoxychlor	Ave	0.4344	0.4073		93.8	100	-6.2	20.0
Mirex	Ave	0.6941	0.6196		89.3	100	-10.7	20.0
Endosulfan sulfate	Ave	0.9215	0.8061		87.5	100	-12.5	20.0
Endrin ketone	Ave	1.056	0.9309		88.1	100	-11.9	20.0
Tetrachloro-m-xylene	Ave	0.8859	0.8286		93.5	100	-6.5	20.0
DCB Decachlorobiphenyl	Ave	0.9348	0.7412		79.3	100	-20.7*	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904119/3 Calibration Date: 04/20/2023 03:25

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 10:55

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 11:47

Lab File ID: 5F0960969.D

Analyte	RT	RT WINDOW	
		FROM	TO
alpha-BHC	2.33	2.32	2.34
gamma-BHC (Lindane)	2.55	2.54	2.56
beta-BHC	2.60	2.59	2.61
delta-BHC	2.74	2.73	2.75
Heptachlor	2.93	2.92	2.94
Aldrin	3.20	3.19	3.21
Heptachlor epoxide	3.82	3.81	3.83
trans-Chlordane	3.96	3.95	3.97
cis-Chlordane	4.09	4.08	4.10
4,4'-DDE	4.17	4.16	4.18
Endosulfan I	4.24	4.23	4.25
Dieldrin	4.52	4.51	4.53
Endrin	4.78	4.77	4.79
4,4'-DDD	4.85	4.84	4.86
Endosulfan II	4.99	4.98	5.00
4,4'-DDT	5.11	5.10	5.12
Endrin aldehyde	5.35	5.34	5.36
Methoxychlor	5.54	5.53	5.55
Mirex	5.62	5.61	5.63
Endosulfan sulfate	5.71	5.70	5.72
Endrin ketone	5.95	5.94	5.96
Tetrachloro-m-xylene	1.99	1.98	2.00
DCB Decachlorobiphenyl	7.35	7.34	7.36

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960969.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Apr-2023 03:25:14 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-003
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub15

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:03:00 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 03:41:00

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.684	1.684	0.000	18117851	100.0	100.0	
2	1.604	1.604	0.000	16468517	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.220	2.220	0.000	18106269	100.0	92.4	
2	1.994	1.994	0.000	13645582	100.0	93.5	
						RPD = 1.26	
15 alpha-BHC							
1	2.691	2.691	0.000	24982683	100.0	93.0	
2	2.329	2.329	0.000	19079239	100.0	94.3	
						RPD = 1.33	
2 gamma-BHC (Lindane)							
1	3.016	3.016	0.000	22868359	100.0	94.4	
2	2.546	2.546	0.000	17700951	100.0	94.6	
						RPD = 0.26	
6 beta-BHC							
1	3.078	3.078	0.000	10335819	100.0	94.0	
2	2.598	2.598	0.000	8013593	100.0	95.3	
						RPD = 1.36	
32 delta-BHC							
1	3.409	3.409	0.000	23340800	100.0	94.5	
2	2.740	2.740	0.000	18207449	100.0	95.0	
						RPD = 0.48	
18 Heptachlor							
1	3.499	3.499	0.000	21412060	100.0	97.0	
2	2.925	2.925	0.000	16135189	100.0	93.5	
						RPD = 3.64	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 Aldrin							
1	3.893	3.893	0.000	22234046	100.0	88.8	
2	3.199	3.199	0.000	16300991	100.0	92.5	
						RPD = 4.06	
12 Heptachlor epoxide							
1	4.567	4.567	0.000	19082924	100.0	93.0	
2	3.824	3.824	0.000	14875153	100.0	91.8	
						RPD = 1.30	
9 trans-Chlordane							
1	4.788	4.788	0.000	19305015	100.0	92.6	
2	3.956	3.956	0.000	14594338	100.0	91.8	
						RPD = 0.80	
23 cis-Chlordane							M
1	4.939	4.939	0.000	19029061	100.0	92.9	M
2	4.094	4.094	0.000	14160194	100.0	89.5	
						RPD = 3.76	
7 Endosulfan I							M
1	4.998	4.998	0.000	18464059	100.0	94.0	M
2	4.242	4.242	0.000	13985308	100.0	92.2	
						RPD = 1.89	
25 4,4'-DDE							
1	5.101	5.101	0.000	20139111	100.0	92.1	
2	4.173	4.173	0.000	14842742	100.0	90.7	
						RPD = 1.60	
30 Dieldrin							
1	5.249	5.249	0.000	21127765	100.0	94.7	
2	4.517	4.517	0.000	15741705	100.0	92.4	
						RPD = 2.51	
20 Endrin							M
1	5.517	5.517	0.000	19362779	100.0	95.8	
2	4.779	4.779	0.000	13320552	100.0	95.7	M
						RPD = 0.18	
16 4,4'-DDD							M
1	5.620	5.620	0.000	17127149	100.0	92.0	
2	4.852	4.852	0.000	12300109	100.0	88.6	M
						RPD = 3.80	
11 Endosulfan II							M
1	5.698	5.698	0.000	19124081	100.0	94.4	
2	4.991	4.991	0.000	12999634	100.0	89.6	M
						RPD = 5.23	
21 4,4'-DDT							M
1	5.906	5.906	0.000	16097684	100.0	104.7	
2	5.114	5.114	0.000	11871692	100.0	89.1	M
						RPD = 16.12	
5 Endrin aldehyde							M
1	6.014	6.014	0.000	14477121	100.0	89.1	
2	5.352	5.352	0.000	10550896	100.0	92.2	M
						RPD = 3.48	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Endosulfan sulfate							M
1	6.317	6.317	0.000	19508763	100.0	95.6	
2	5.714	5.714	0.000	13275668	100.0	87.5	M
						RPD = 8.89	
10 Methoxychlor							M
1	6.829	6.829	0.000	8835442	100.0	106.5	
2	5.544	5.544	0.000	6707767	100.0	93.8	M
						RPD = 12.69	
34 Mirex							M
1	6.976	6.976	0.000	16163228	100.0	102.0	M
2	5.619	5.619	0.000	10203381	100.0	89.3	M
						RPD = 13.35	
13 Endrin ketone							M
1	7.074	7.074	0.000	21348526	100.0	100.9	M
2	5.946	5.946	0.000	15329796	100.0	88.1	M
						RPD = 13.55	
$ 24 DCB Decachlorobiphenyl							
1	8.274	8.274	0.000	18724366	100.0	93.2	
2	7.351	7.351	0.000	12206044	100.0	79.3	
						RPD = 16.13	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPESTL3_00043	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 06:03:01 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960969.D

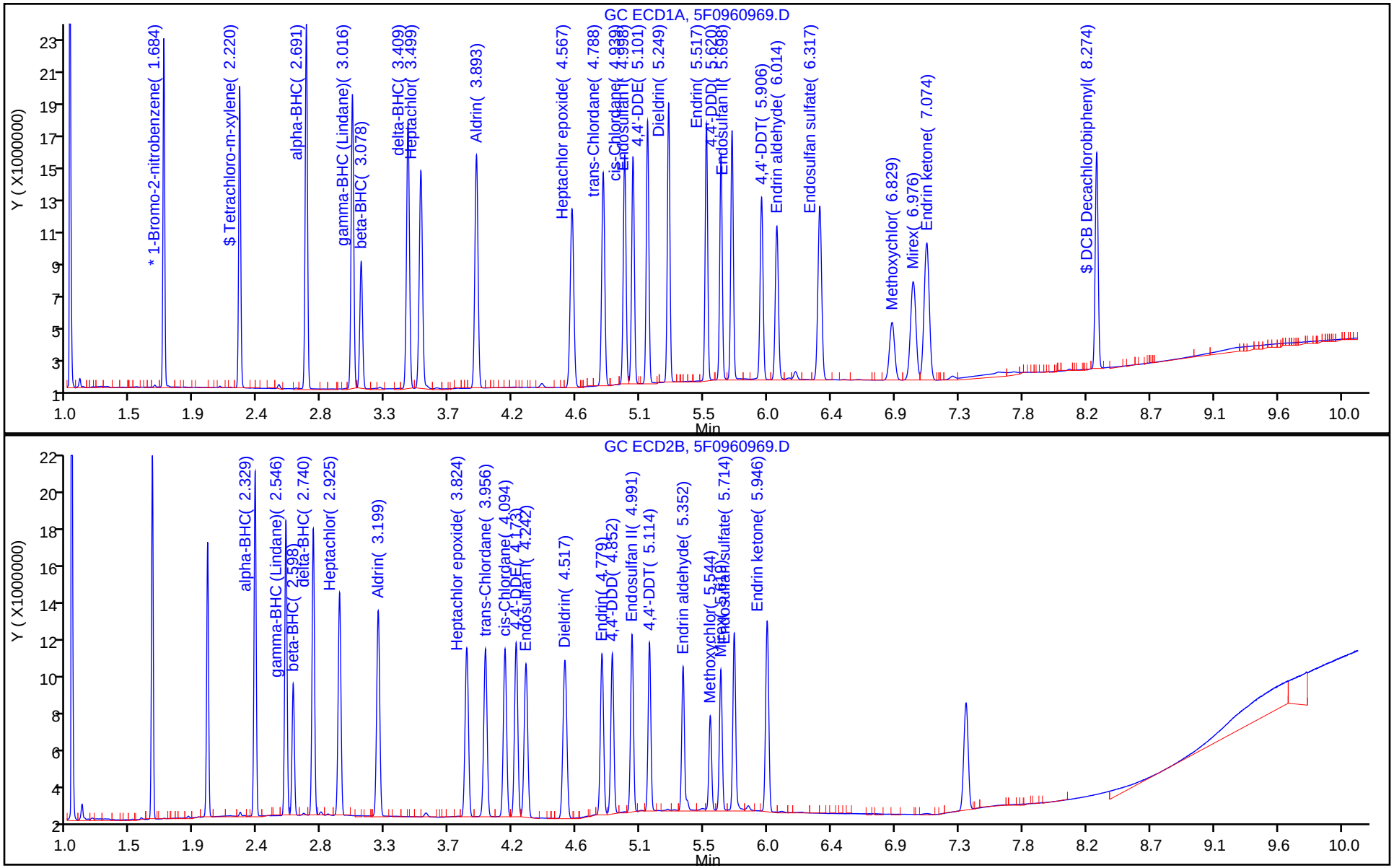
Injection Date: 20-Apr-2023 03:25:14 Instrument ID: CPESTGC5 Operator ID:

Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 3

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/4 Calibration Date: 04/20/2023 03:38

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960970.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0405	0.0428		1060	1000	5.7	20.0
Chlordane (technical) Peak 1	Ave	0.0405	0.0428		1060	1000	5.7	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0419	0.0412		984	1000	-1.6	20.0
Chlordane (technical) Peak 2	Ave	0.0419	0.0412		984	1000	-1.6	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.1322	0.1348		1020	1000	2.0	20.0
Chlordane (technical) Peak 3	Ave	0.1322	0.1348		1020	1000	2.0	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1441	0.1494		1040	1000	3.7	20.0
Chlordane (technical) Peak 4	Ave	0.1441	0.1494		1040	1000	3.7	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.1054	0.1056		1000	1000	0.2	20.0
Chlordane (technical) Peak 5	Ave	0.1054	0.1056		1000	1000	0.2	20.0
Chlordane (n.o.s.)	None		0.0428		1020	1000	2.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/4 Calibration Date: 04/20/2023 03:38

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960970.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	3.33	3.32	3.34
Chlordane (technical) Peak 1	3.33	3.32	3.34
Chlordane (n.o.s.) Peak 2	4.05	4.04	4.06
Chlordane (technical) Peak 2	4.05	4.04	4.06
Chlordane (n.o.s.) Peak 3	4.79	4.78	4.80
Chlordane (technical) Peak 3	4.79	4.78	4.80
Chlordane (n.o.s.) Peak 4	4.88	4.87	4.89
Chlordane (technical) Peak 4	4.88	4.87	4.89
Chlordane (n.o.s.) Peak 5	4.94	4.93	4.95
Chlordane (technical) Peak 5	4.94	4.93	4.95
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960970.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 03:38:13 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:03:05 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 04:00:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.685	1.685	0.000	18333916	100.0	100.0	
2	1.604	1.604	0.000	17085577	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.330	3.330	0.000	7854463	1000.0	1057.0	
1	4.048	4.048	0.000	7561789	1000.0	984.1	M
1	4.788	4.788	0.000	24714904	1000.0	1019.9	M
1	4.882	4.882	0.000	27394549	1000.0	1037.2	M
1	4.940	4.940	0.000	19363414	1000.0	1001.7	M
		Average of Peak Amounts =				1020.0	
2	2.858	2.858	0.000	5813185	1000.0	1025.5	M
2	3.319	3.319	0.000	6947367	1000.0	1065.3	M
2	3.753	3.753	0.000	4760512	1000.0	1108.1	M
2	3.957	3.957	0.000	21497267	1000.0	1010.2	M
2	4.082	4.082	0.000	34992723	1000.0	980.7	M
		Average of Peak Amounts =				1038.0	
						RPD = 1.75	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.330	3.330	0.000	7854463	1000.0	1057.0	
1	4.048	4.048	0.000	7561789	1000.0	984.1	M
1	4.788	4.788	0.000	24714904	1000.0	1019.9	M
1	4.882	4.882	0.000	27394549	1000.0	1037.2	M
1	4.940	4.940	0.000	19363414	1000.0	1001.7	M
		Average of Peak Amounts =				1020.0	
2	2.858	2.858	0.000	5813185	1000.0	1025.5	M
2	3.319	3.319	0.000	6947367	1000.0	1065.3	M
2	3.753	3.753	0.000	4760512	1000.0	1108.1	M
2	3.957	3.957	0.000	21497267	1000.0	1010.2	M
2	4.082	4.082	0.000	34992723	1000.0	980.7	M
		Average of Peak Amounts =				1038.0	
						RPD = 1.75	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

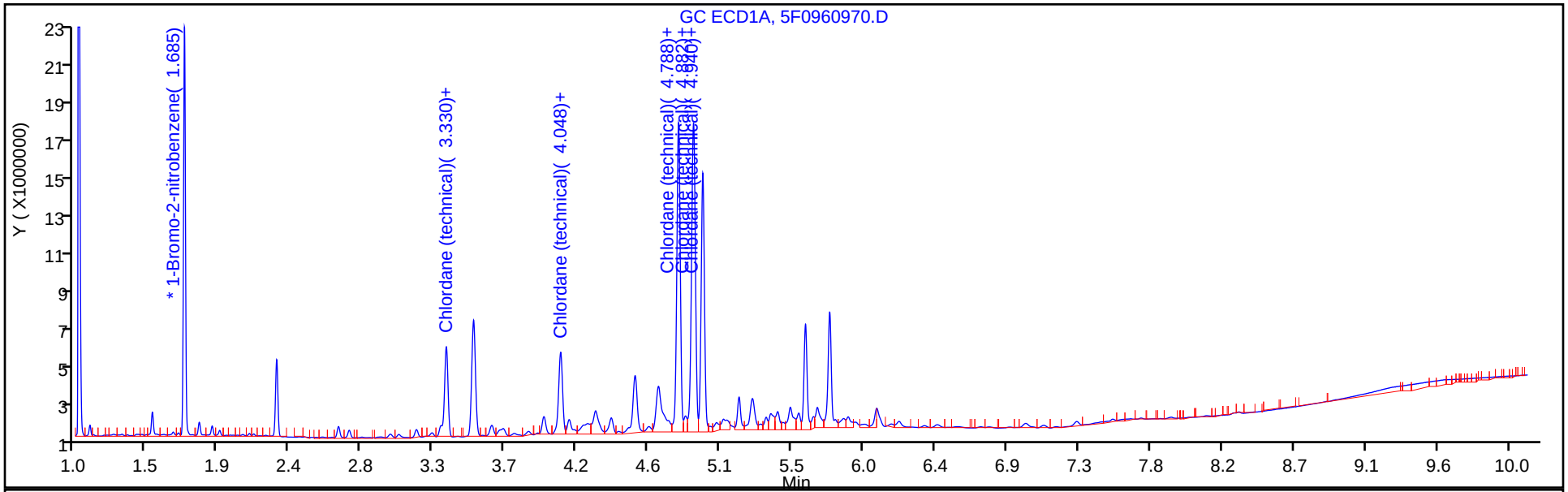
SGCHLORDANEL4_00012	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

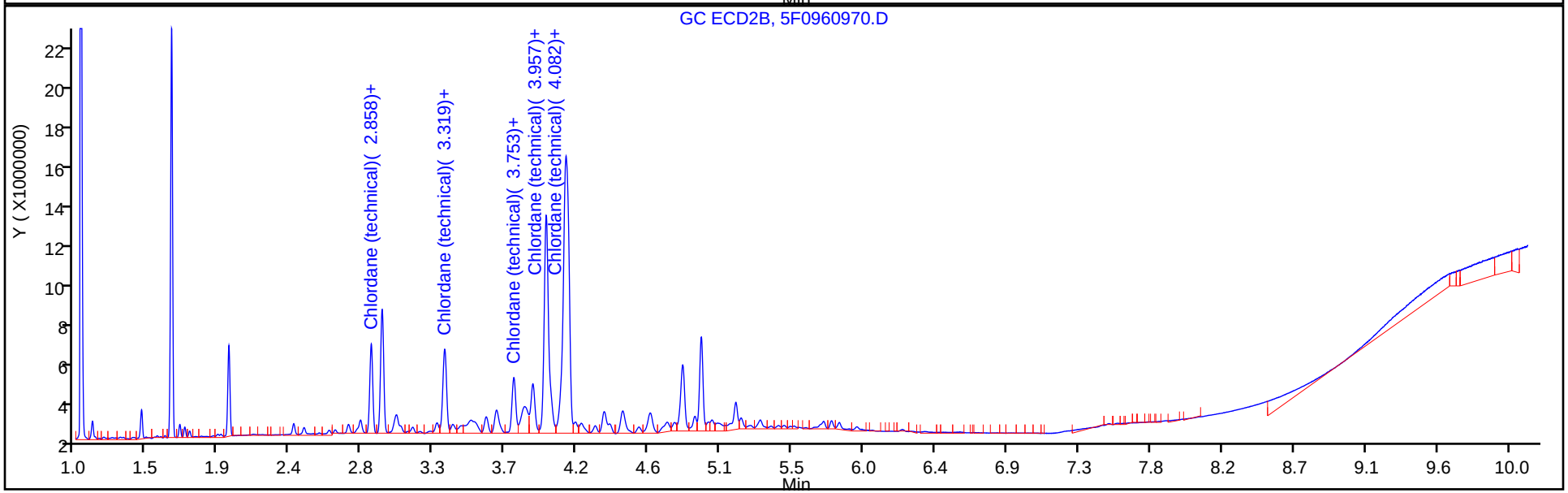
Report Date: 20-Apr-2023 06:03:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960970.D

Injection Date:	20-Apr-2023 03:38:13	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/4 Calibration Date: 04/20/2023 03:38

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960970.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Chlordane (n.o.s.) Peak 1	Ave	0.0332	0.0340		1030	1000	2.5	20.0
Chlordane (technical) Peak 1	Ave	0.0332	0.0340		1030	1000	2.5	20.0
Chlordane (n.o.s.) Peak 2	Ave	0.0382	0.0407		1070	1000	6.5	20.0
Chlordane (technical) Peak 2	Ave	0.0382	0.0407		1070	1000	6.5	20.0
Chlordane (n.o.s.) Peak 3	Ave	0.0251	0.0279		1110	1000	10.8	20.0
Chlordane (technical) Peak 3	Ave	0.0251	0.0279		1110	1000	10.8	20.0
Chlordane (n.o.s.) Peak 4	Ave	0.1245	0.1258		1010	1000	1.0	20.0
Chlordane (technical) Peak 4	Ave	0.1245	0.1258		1010	1000	1.0	20.0
Chlordane (n.o.s.) Peak 5	Ave	0.2088	0.2048		981	1000	-1.9	20.0
Chlordane (technical) Peak 5	Ave	0.2088	0.2048		981	1000	-1.9	20.0
Chlordane (n.o.s.)	None		0.0340		1040	1000	3.8	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/4 Calibration Date: 04/20/2023 03:38

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 12:26

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 13:18

Lab File ID: 5F0960970.D

Analyte	RT	RT WINDOW	
		FROM	TO
Chlordane (n.o.s.) Peak 1	2.86	2.85	2.87
Chlordane (technical) Peak 1	2.86	2.85	2.87
Chlordane (n.o.s.) Peak 2	3.32	3.31	3.33
Chlordane (technical) Peak 2	3.32	3.31	3.33
Chlordane (n.o.s.) Peak 3	3.75	3.74	3.76
Chlordane (technical) Peak 3	3.75	3.74	3.76
Chlordane (n.o.s.) Peak 4	3.96	3.95	3.97
Chlordane (technical) Peak 4	3.96	3.95	3.97
Chlordane (n.o.s.) Peak 5	4.08	4.07	4.09
Chlordane (technical) Peak 5	4.08	4.07	4.09
Chlordane (n.o.s.)			

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960970.D
Lims ID: CCV CHLOR
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 03:38:13 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-004
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub24

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:03:05 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 04:00:06

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.685	1.685	0.000	18333916	100.0	100.0	
2	1.604	1.604	0.000	17085577	100.0	100.0	
						RPD = 0.00	
31 Chlordane (technical)							M
1	3.330	3.330	0.000	7854463	1000.0	1057.0	
1	4.048	4.048	0.000	7561789	1000.0	984.1	M
1	4.788	4.788	0.000	24714904	1000.0	1019.9	M
1	4.882	4.882	0.000	27394549	1000.0	1037.2	M
1	4.940	4.940	0.000	19363414	1000.0	1001.7	M
		Average of Peak Amounts =				1020.0	
2	2.858	2.858	0.000	5813185	1000.0	1025.5	M
2	3.319	3.319	0.000	6947367	1000.0	1065.3	M
2	3.753	3.753	0.000	4760512	1000.0	1108.1	M
2	3.957	3.957	0.000	21497267	1000.0	1010.2	M
2	4.082	4.082	0.000	34992723	1000.0	980.7	M
		Average of Peak Amounts =				1038.0	
						RPD = 1.75	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
38 Chlordane (n.o.s.)							M
1	3.330	3.330	0.000	7854463	1000.0	1057.0	
1	4.048	4.048	0.000	7561789	1000.0	984.1	M
1	4.788	4.788	0.000	24714904	1000.0	1019.9	M
1	4.882	4.882	0.000	27394549	1000.0	1037.2	M
1	4.940	4.940	0.000	19363414	1000.0	1001.7	M
		Average of Peak Amounts =				1020.0	
2	2.858	2.858	0.000	5813185	1000.0	1025.5	M
2	3.319	3.319	0.000	6947367	1000.0	1065.3	M
2	3.753	3.753	0.000	4760512	1000.0	1108.1	M
2	3.957	3.957	0.000	21497267	1000.0	1010.2	M
2	4.082	4.082	0.000	34992723	1000.0	980.7	M
		Average of Peak Amounts =				1038.0	
						RPD = 1.75	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

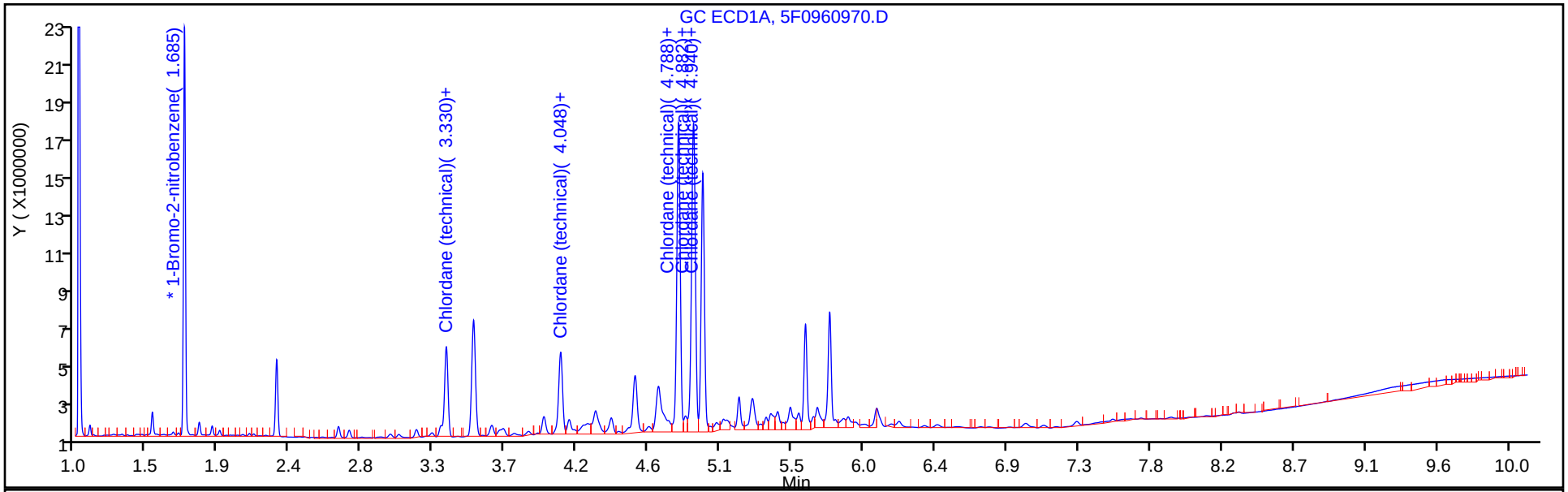
SGCHLORDANEL4_00012	Amount Added: 1.00	Units: mL	
SGPESTISTD_00020	Amount Added: 20.00	Units: uL	Run Reagent

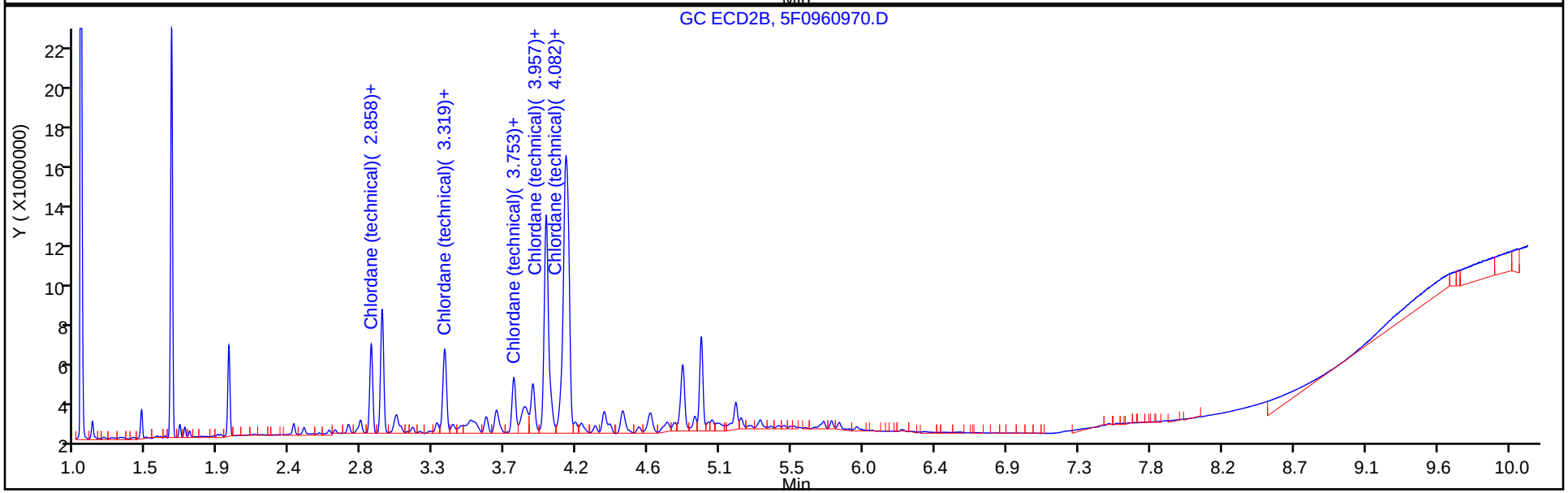
Report Date: 20-Apr-2023 06:03:06 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960970.D

Injection Date:	20-Apr-2023 03:38:13	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	CCV CHLOR			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/5 Calibration Date: 04/20/2023 03:51

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960971.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0318	0.0295		928	1000	-7.2	20.0
Toxaphene Peak 2	Ave	0.0418	0.0394		941	1000	-5.9	20.0
Toxaphene Peak 3	Ave	0.0690	0.0703		1020	1000	2.0	20.0
Toxaphene Peak 4	Ave	0.0397	0.0422		1060	1000	6.5	20.0
Toxaphene Peak 5	Lin		0.0436		973	1000	-2.7	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/5 Calibration Date: 04/20/2023 03:51

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960971.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	5.23	5.22	5.24
Toxaphene Peak 2	5.68	5.67	5.69
Toxaphene Peak 3	5.77	5.76	5.78
Toxaphene Peak 4	6.02	6.01	6.03
Toxaphene Peak 5	6.63	6.62	6.64

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960971.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 03:51:07 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:03:08 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 04:10:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.687	1.687	0.000	18190793	100.0	100.0	
2	1.606	1.606	0.000	15959847	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.232	5.232	0.000	5373234	1000.0	927.9	M
1	5.683	5.683	0.000	7159533	1000.0	941.4	M
1	5.768	5.768	0.000	12788671	1000.0	1019.5	M
1	6.017	6.017	0.000	7681604	1000.0	1064.8	M
1	6.628	6.628	0.000	7939120	1000.0	973.5	M
		Average of Peak Amounts =				985.4	
2	4.987	4.987	0.000	8408319	1000.0	1076.6	
2	5.092	5.092	0.000	6834425	1000.0	1001.4	M
2	5.284	5.284	0.000	5606948	1000.0	906.7	
2	5.460	5.460	0.000	5544352	1000.0	1057.5	
2	5.627	5.627	0.000	6181834	1000.0	1120.1	
		Average of Peak Amounts =				1032.4	
						RPD = 4.66	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

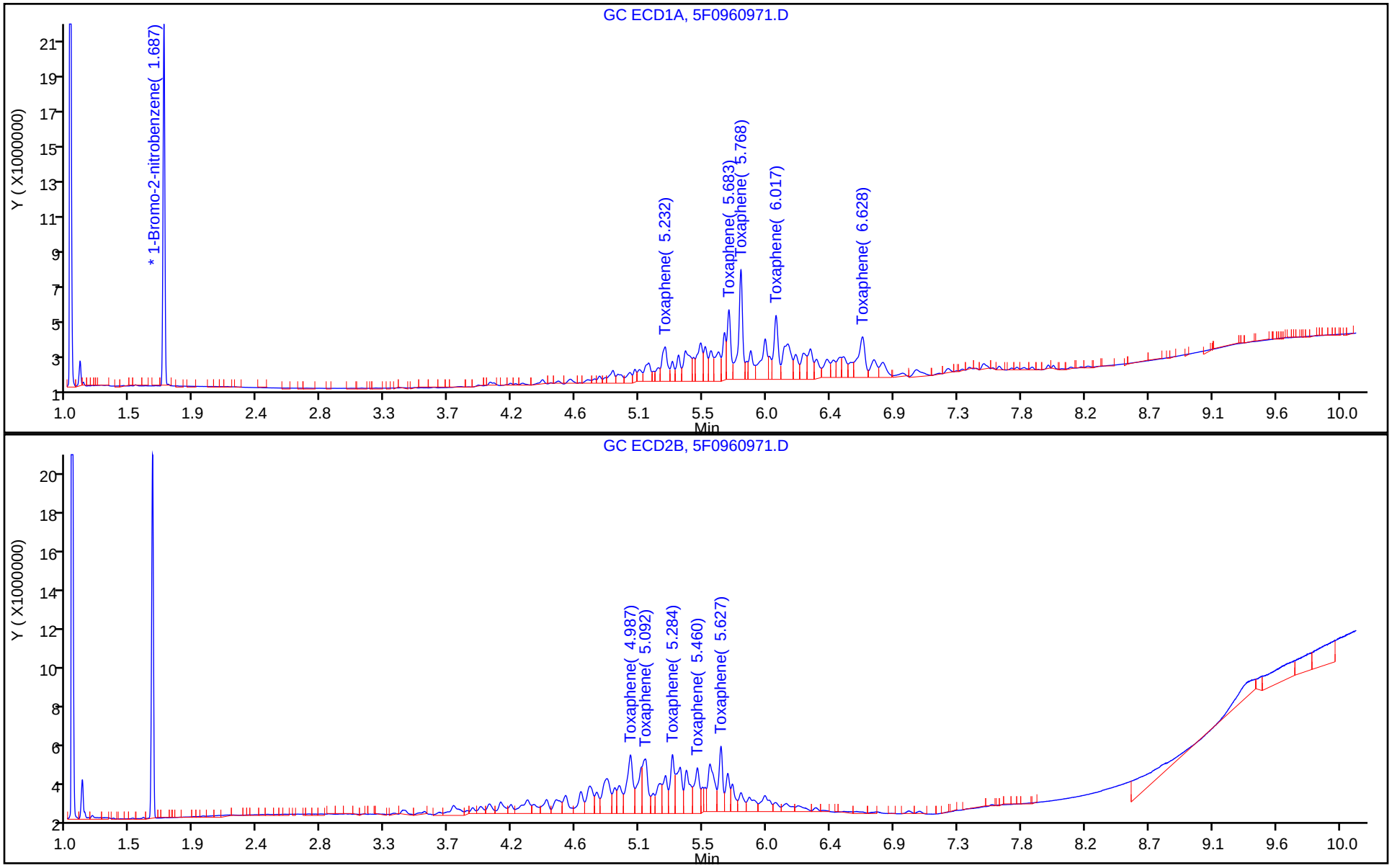
SGTOXAPHENEL4_00011 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 06:03:08 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960971.D

Injection Date:	20-Apr-2023 03:51:07	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM VII
PESTICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/5 Calibration Date: 04/20/2023 03:51

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960971.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Toxaphene Peak 1	Ave	0.0489	0.0527		1080	1000	7.7	20.0
Toxaphene Peak 2	Ave	0.0428	0.0428		1000	1000	0.1	20.0
Toxaphene Peak 3	Ave	0.0387	0.0351		907	1000	-9.3	20.0
Toxaphene Peak 4	Ave	0.0329	0.0347		1060	1000	5.7	20.0
Toxaphene Peak 5	Ave	0.0346	0.0387		1120	1000	12.0	20.0

FORM VII
PESTICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904119/5 Calibration Date: 04/20/2023 03:51

Instrument ID: CPESTGC5 Calib Start Date: 04/17/2023 13:44

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 04/17/2023 14:36

Lab File ID: 5F0960971.D

Analyte	RT	RT WINDOW	
		FROM	TO
Toxaphene Peak 1	4.99	4.98	5.00
Toxaphene Peak 2	5.09	5.08	5.10
Toxaphene Peak 3	5.28	5.27	5.29
Toxaphene Peak 4	5.46	5.45	5.47
Toxaphene Peak 5	5.63	5.62	5.64

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960971.D
Lims ID: CCV TOX
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 03:51:07 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-005
Operator ID: Instrument ID: CPESTGC5
Sublist: chrom-GC 5 8081 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:03:08 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 04:10:41

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.687	1.687	0.000	18190793	100.0	100.0	
2	1.606	1.606	0.000	15959847	100.0	100.0	
						RPD = 0.00	
22 Toxaphene							M
1	5.232	5.232	0.000	5373234	1000.0	927.9	M
1	5.683	5.683	0.000	7159533	1000.0	941.4	M
1	5.768	5.768	0.000	12788671	1000.0	1019.5	M
1	6.017	6.017	0.000	7681604	1000.0	1064.8	M
1	6.628	6.628	0.000	7939120	1000.0	973.5	M
		Average of Peak Amounts =				985.4	
2	4.987	4.987	0.000	8408319	1000.0	1076.6	
2	5.092	5.092	0.000	6834425	1000.0	1001.4	M
2	5.284	5.284	0.000	5606948	1000.0	906.7	
2	5.460	5.460	0.000	5544352	1000.0	1057.5	
2	5.627	5.627	0.000	6181834	1000.0	1120.1	
		Average of Peak Amounts =				1032.4	
						RPD = 4.66	

QC Flag Legend

Processing Flags
Review Flags
M - Manually Integrated

Reagents:

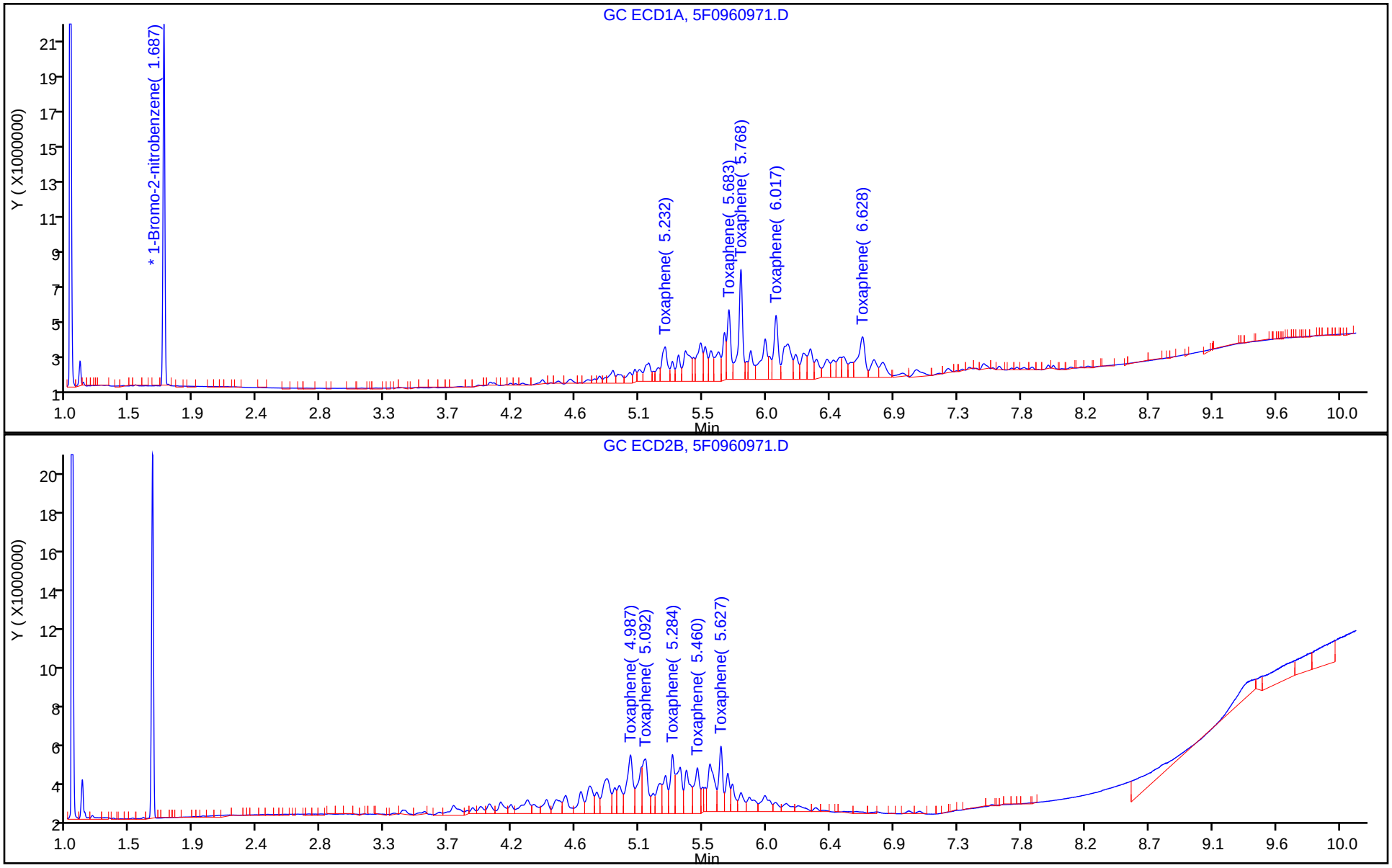
SGTOXAPHENEL4_00011 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 06:03:09 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960971.D

Injection Date:	20-Apr-2023 03:51:07	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	CCV TOX			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-903966/1-A

Matrix: Solid | Lab File ID: 5F0961001.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/19/2023 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 04/20/2023 10:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	*Chlordane (technical)*	*0.000055*	*U*	*0.0050*	*0.000055*
72-20-8	*Endrin*	*0.0000040*	*U*	*0.00050*	*0.0000040*
58-89-9	*gamma-BHC (Lindane)*	*0.000012*	*U*	*0.00050*	*0.000012*
76-44-8	*Heptachlor*	*0.0000030*	*U*	*0.00050*	*0.0000030*
1024-57-3	*Heptachlor epoxide*	*0.0000050*	*U*	*0.00050*	*0.0000050*
72-43-5	*Methoxychlor*	*0.0000040*	*U*	*0.00050*	*0.0000040*
8001-35-2	*Toxaphene*	*0.00011*	*U*	*0.0050*	*0.00011*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		15-121
877-09-8	Tetrachloro-m-xylene	96		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Lims ID: MB 460-903966/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 10:20:30 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-035
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 03:27:11 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:31:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.687	1.687	0.000	16672765	100.0	100.0	
2	1.607	1.606	0.001	22586436	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.222	2.220	0.002	17318058	100.0	96.0	
2	1.997	1.994	0.003	21085441	100.0	105.4	
						RPD = 9.32	
$ 24 DCB Decachlorobiphenyl							
1	8.271	8.274	-0.003	18965127	100.0	102.6	
2	7.350	7.351	-0.001	22189144	100.0	105.1	
						RPD = 2.43	

Reagents:

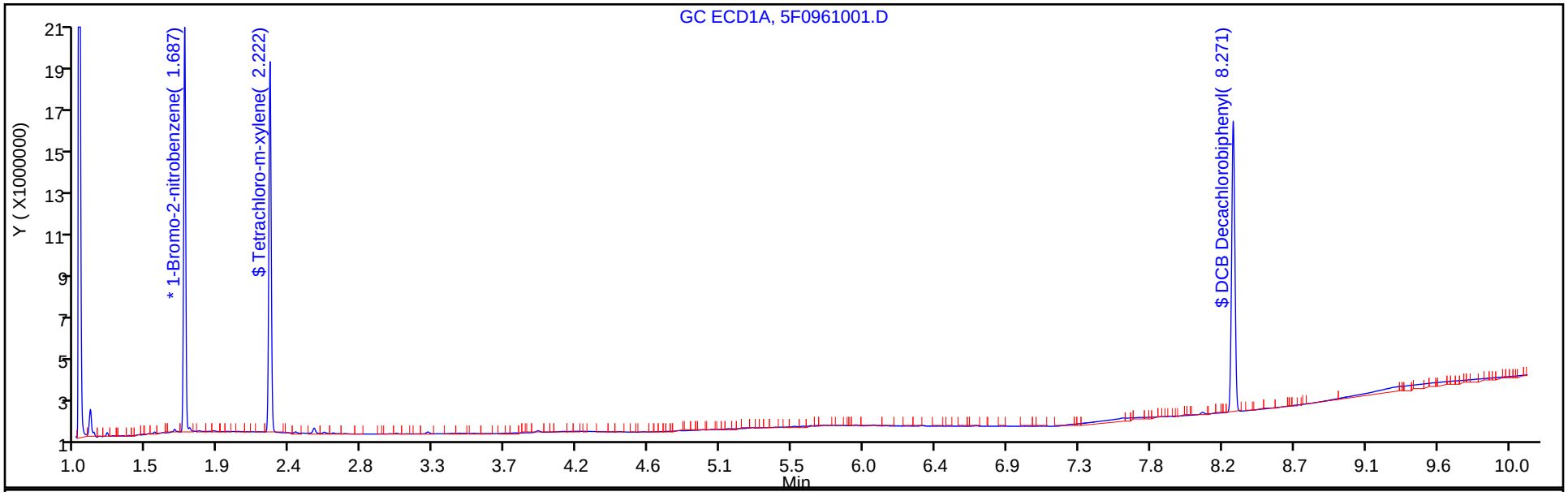
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

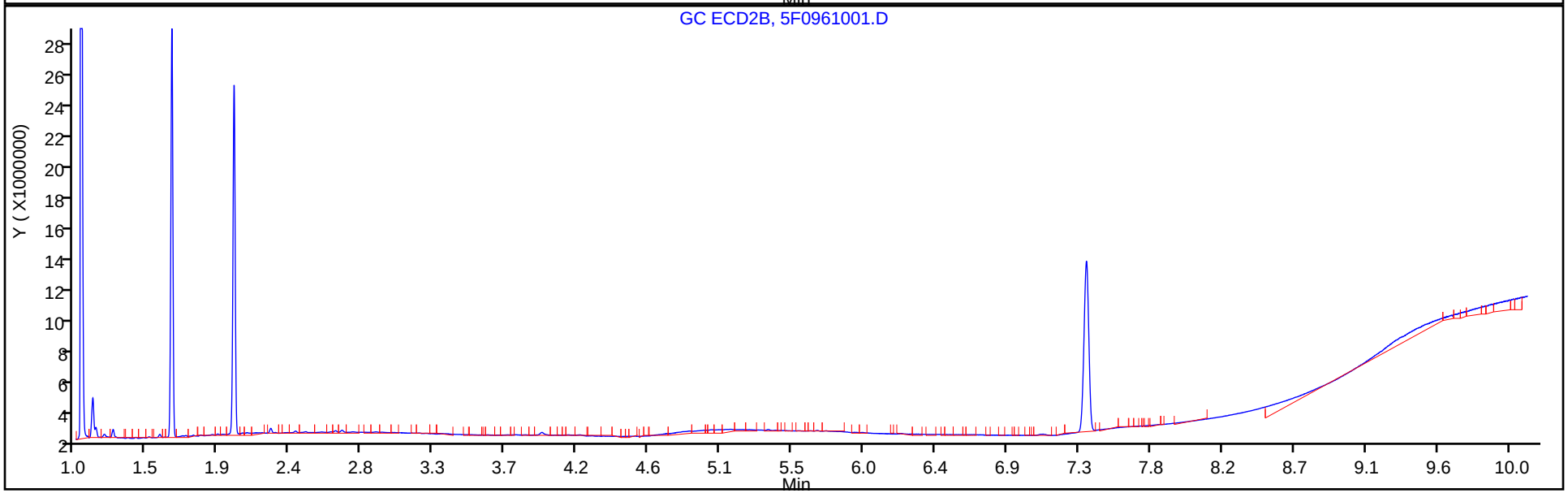
Report Date: 21-Apr-2023 03:28:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D

Injection Date:	20-Apr-2023 10:20:30	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	MB 460-903966/1-A			Worklist Smp#:	35
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

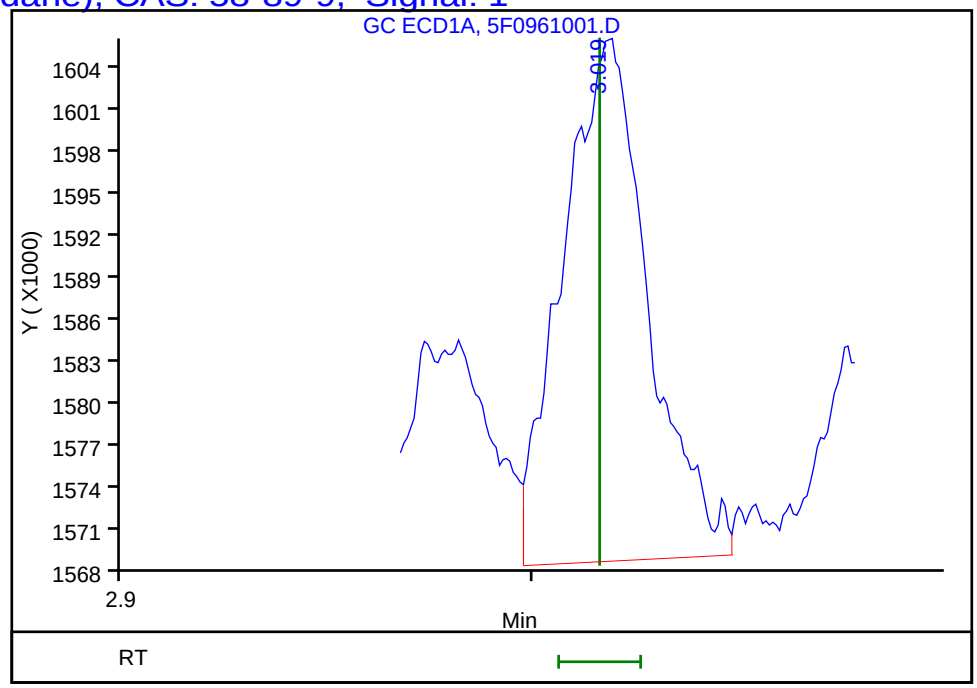
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Injection Date: 20-Apr-2023 10:20:30 Instrument ID: CPESTGC5
Lims ID: MB 460-903966/1-A
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

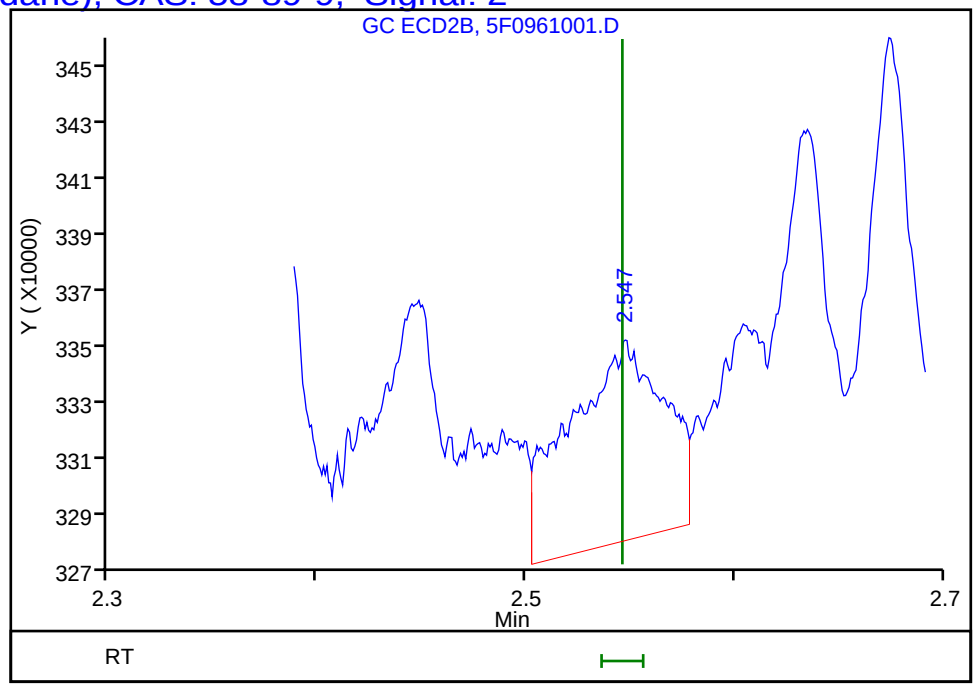
RT: 3.02
Response: 52451
Amount: 0.235271



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.55
Response: 222726
Amount: 0.868286



Reviewer: ESS0, 20-Apr-2023 10:31:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

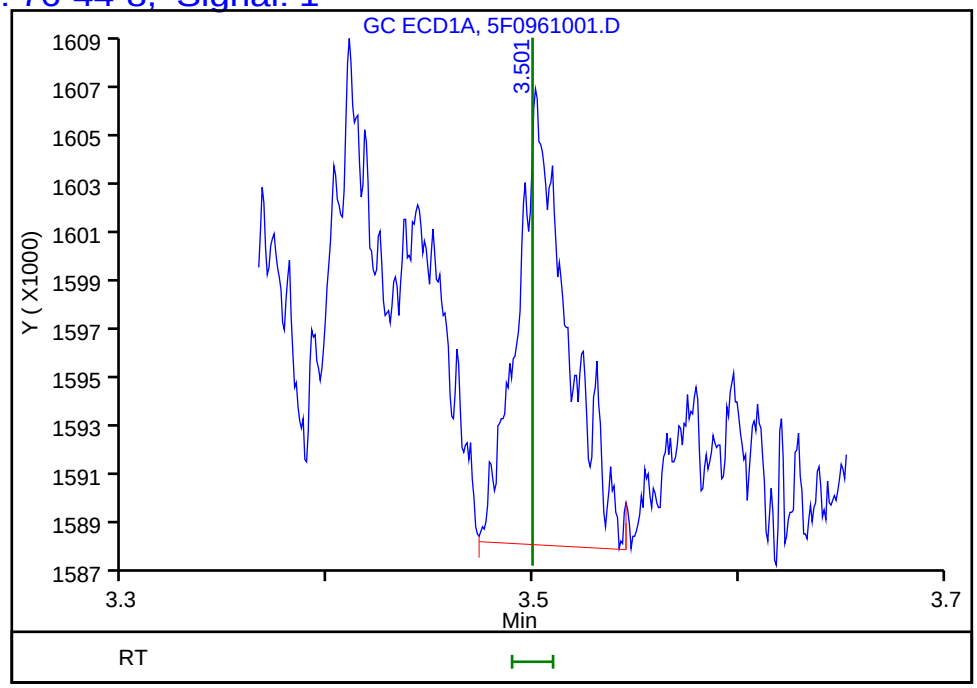
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Injection Date: 20-Apr-2023 10:20:30 Instrument ID: CPESTGC5
Lims ID: MB 460-903966/1-A
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

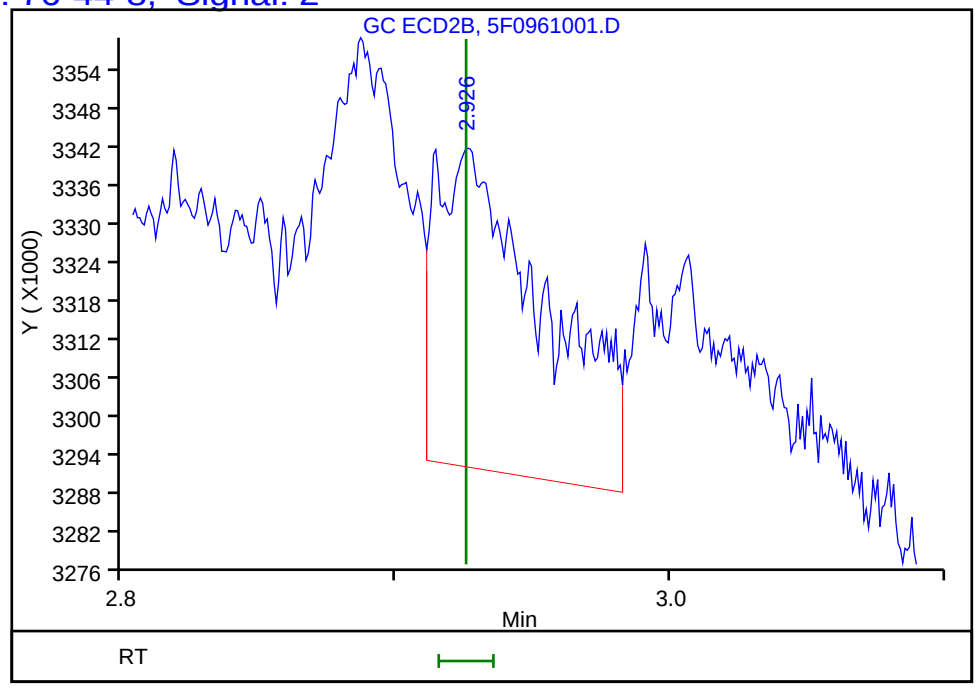
RT: 3.50
Response: 31132
Amount: 0.153194



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.93
Response: 139740
Amount: 0.590393



Reviewer: ESS0, 20-Apr-2023 10:31:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

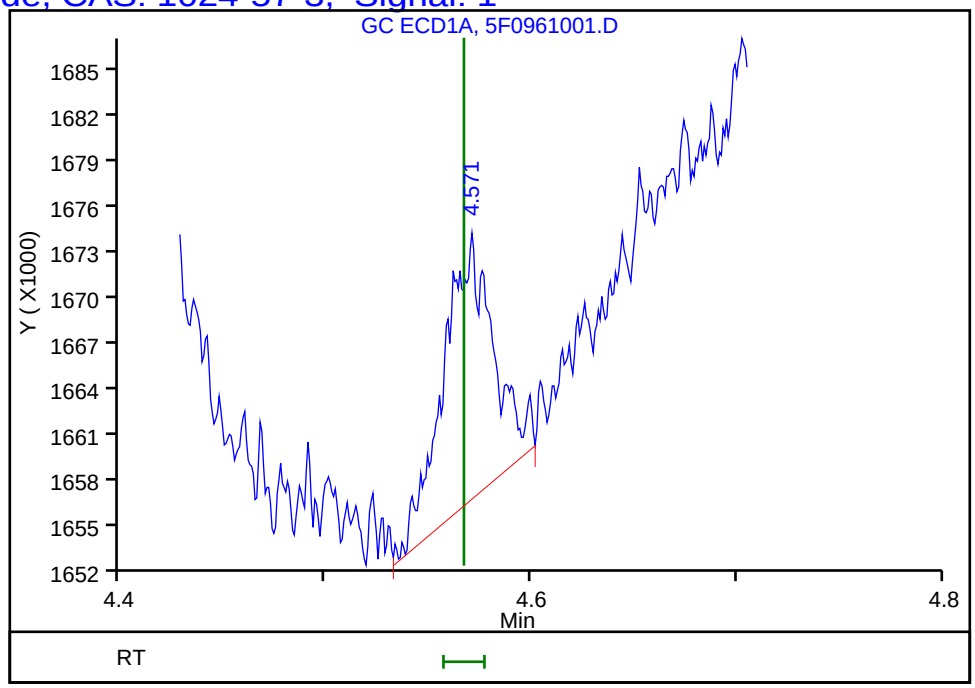
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Injection Date: 20-Apr-2023 10:20:30 Instrument ID: CPESTGC5
Lims ID: MB 460-903966/1-A
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

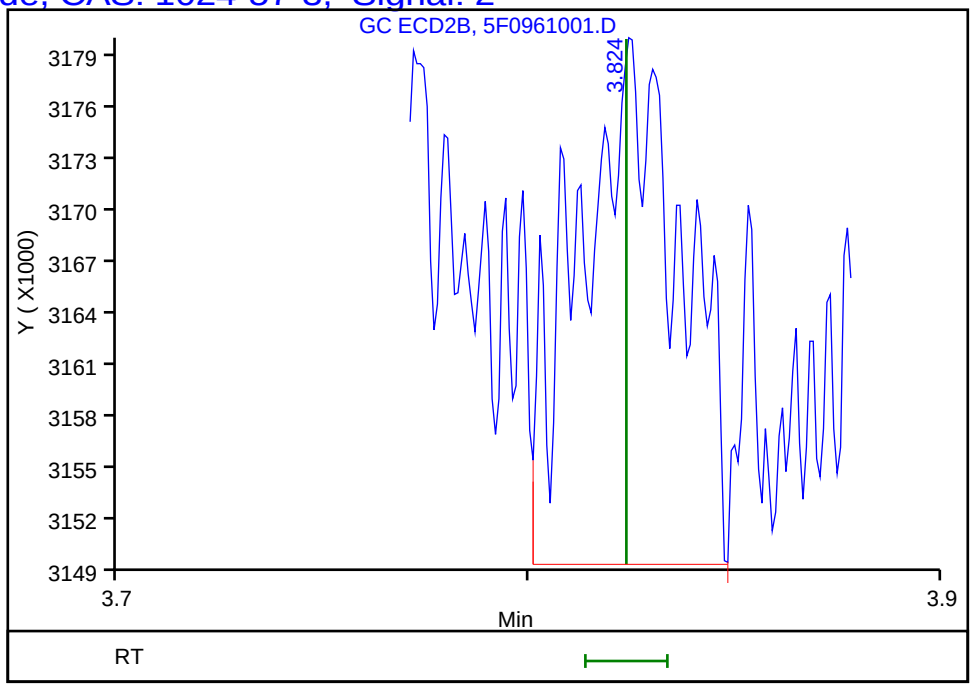
RT: 4.57
Response: 28642
Amount: 0.151615



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.82
Response: 52106
Amount: 0.234342



Reviewer: ESS0, 20-Apr-2023 10:31:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-903966/1-A

Matrix: Solid | Lab File ID: 5F0961001.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/19/2023 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 04/20/2023 10:20

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.000055	U	0.0050	0.000055
72-20-8	Endrin	0.0000040	U	0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012
76-44-8	Heptachlor	0.0000030	U	0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.0000050	U	0.00050	0.0000050
72-43-5	Methoxychlor	0.0000040	U	0.00050	0.0000040
8001-35-2	Toxaphene	0.00011	U	0.0050	0.00011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		15-121
877-09-8	Tetrachloro-m-xylene	105		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Lims ID: MB 460-903966/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 10:20:30 ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-035
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 03:27:11 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:31:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.687	1.687	0.000	16672765	100.0	100.0	
2	1.607	1.606	0.001	22586436	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.222	2.220	0.002	17318058	100.0	96.0	
2	1.997	1.994	0.003	21085441	100.0	105.4	
						RPD = 9.32	
$ 24 DCB Decachlorobiphenyl							
1	8.271	8.274	-0.003	18965127	100.0	102.6	
2	7.350	7.351	-0.001	22189144	100.0	105.1	
						RPD = 2.43	

Reagents:

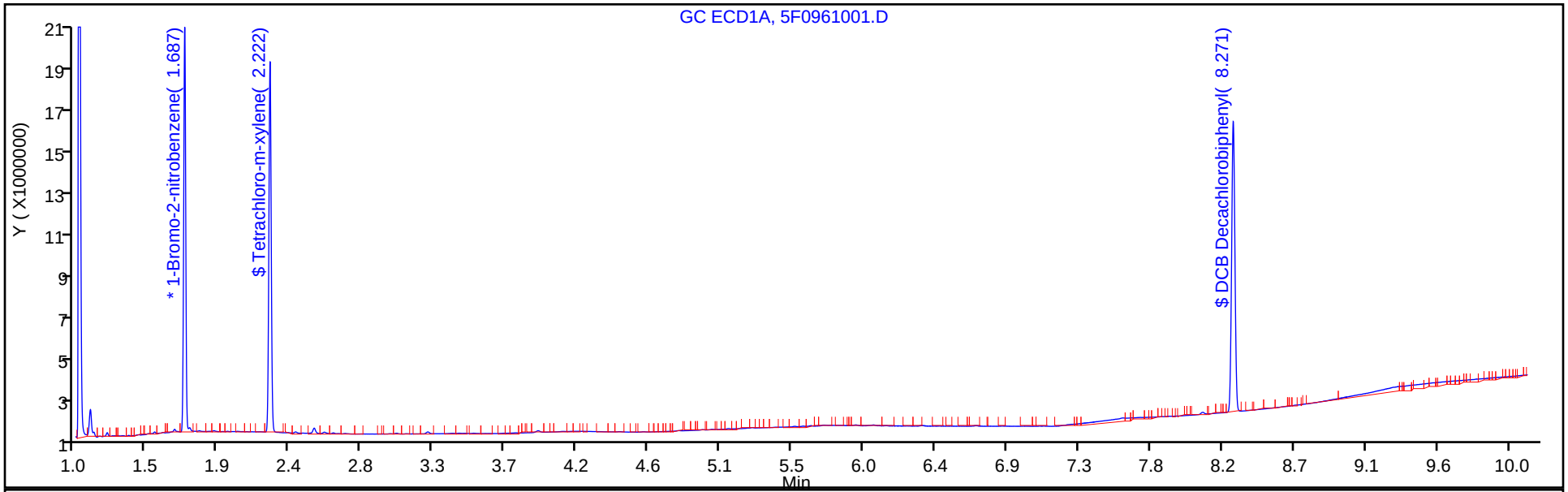
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

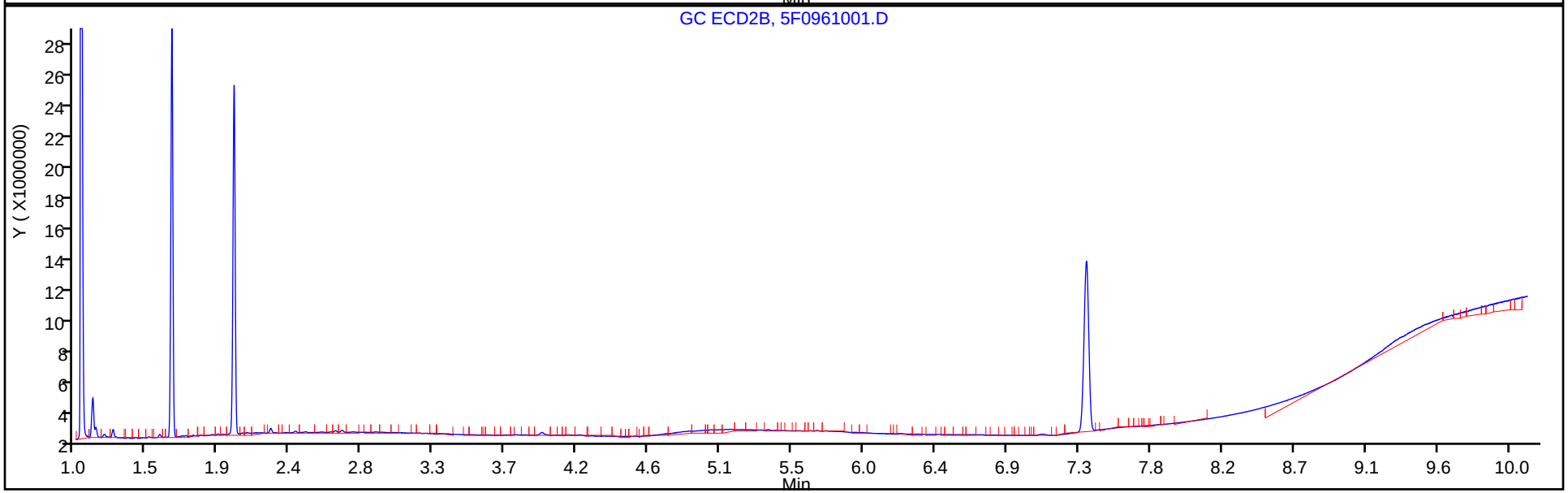
Report Date: 21-Apr-2023 03:28:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D

Injection Date:	20-Apr-2023 10:20:30	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	MB 460-903966/1-A			Worklist Smp#:	35
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	35
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

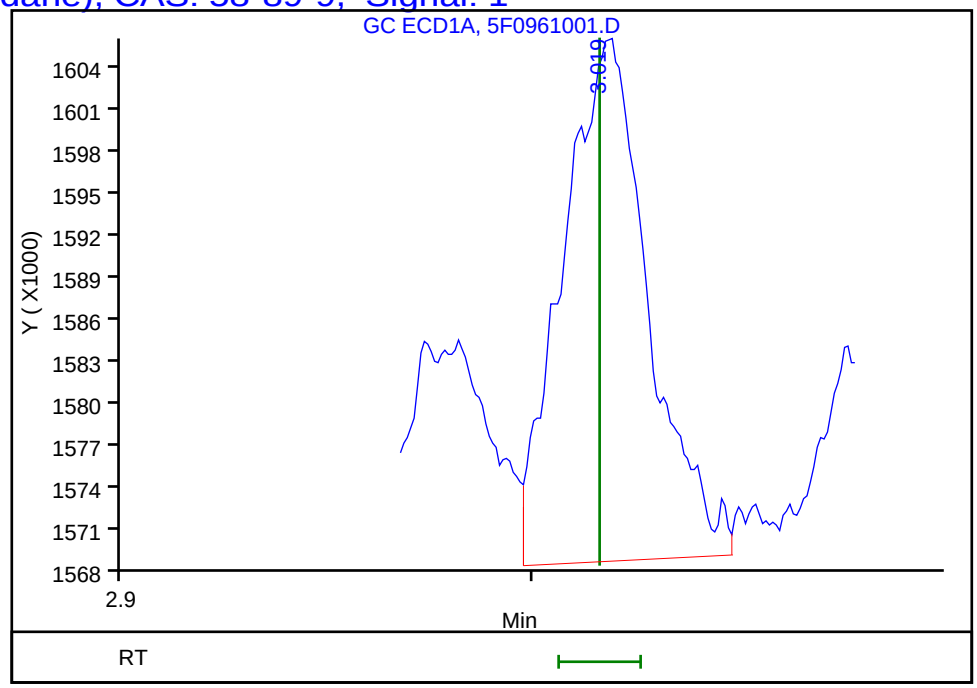
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Injection Date: 20-Apr-2023 10:20:30 Instrument ID: CPESTGC5
Lims ID: MB 460-903966/1-A
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

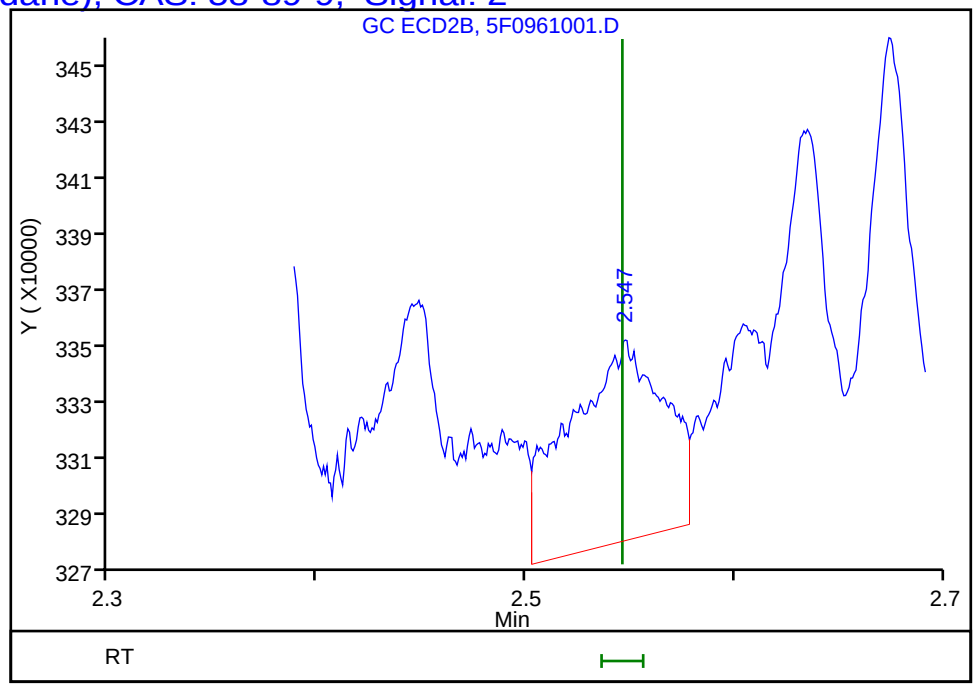
RT: 3.02
Response: 52451
Amount: 0.235271



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.55
Response: 222726
Amount: 0.868286



Reviewer: ESS0, 20-Apr-2023 10:31:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

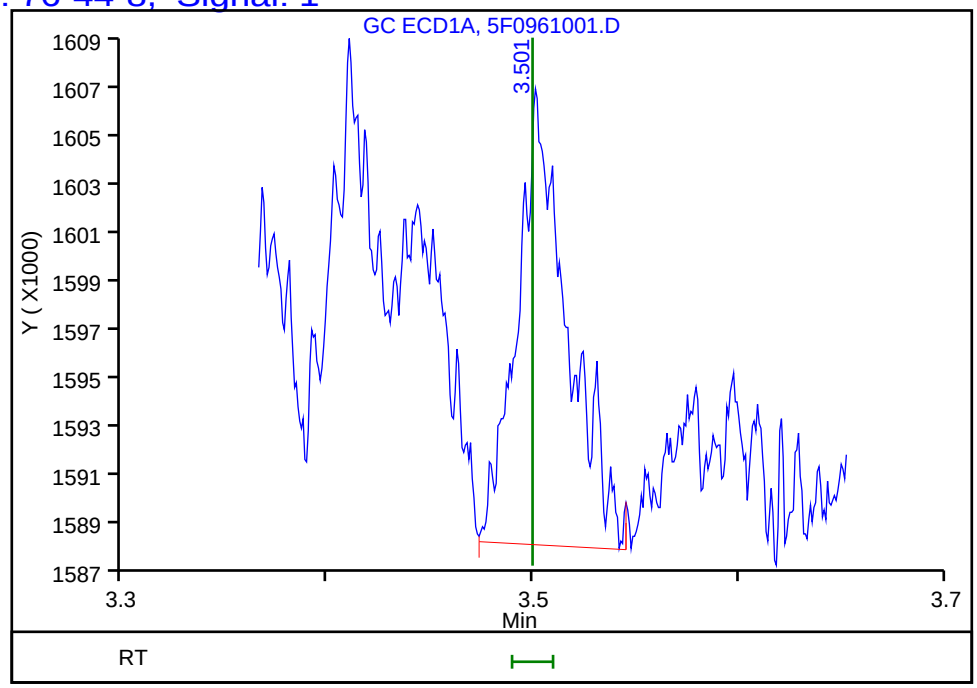
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Injection Date: 20-Apr-2023 10:20:30 Instrument ID: CPESTGC5
Lims ID: MB 460-903966/1-A
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

18 Heptachlor, CAS: 76-44-8, Signal: 1

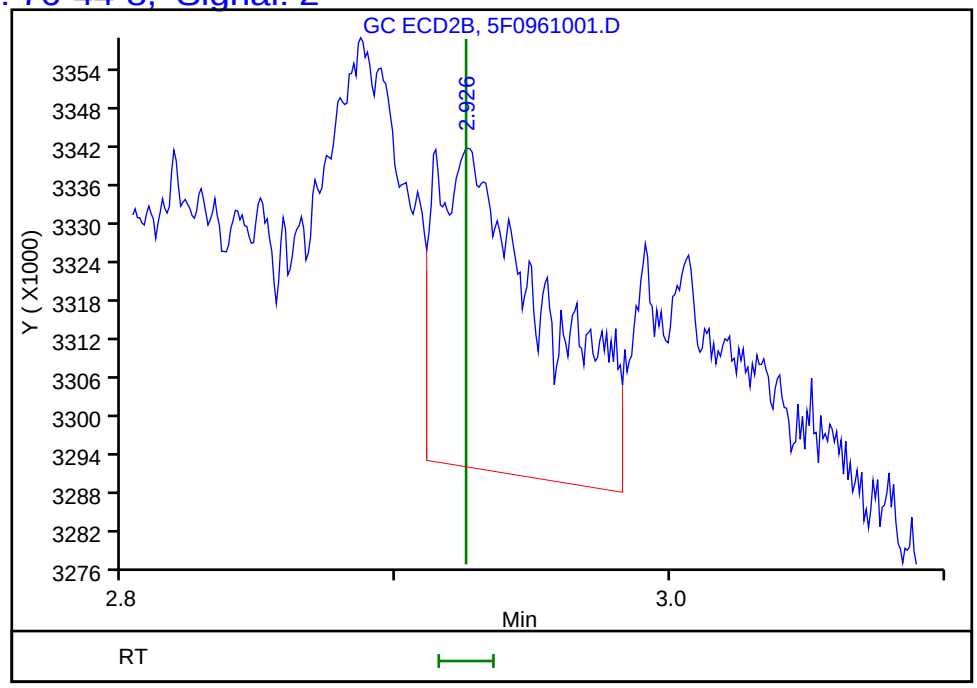
RT: 3.50
Response: 31132
Amount: 0.153194



Column: Detector GC ECD2B

18 Heptachlor, CAS: 76-44-8, Signal: 2

RT: 2.93
Response: 139740
Amount: 0.590393



Reviewer: ESS0, 20-Apr-2023 10:31:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

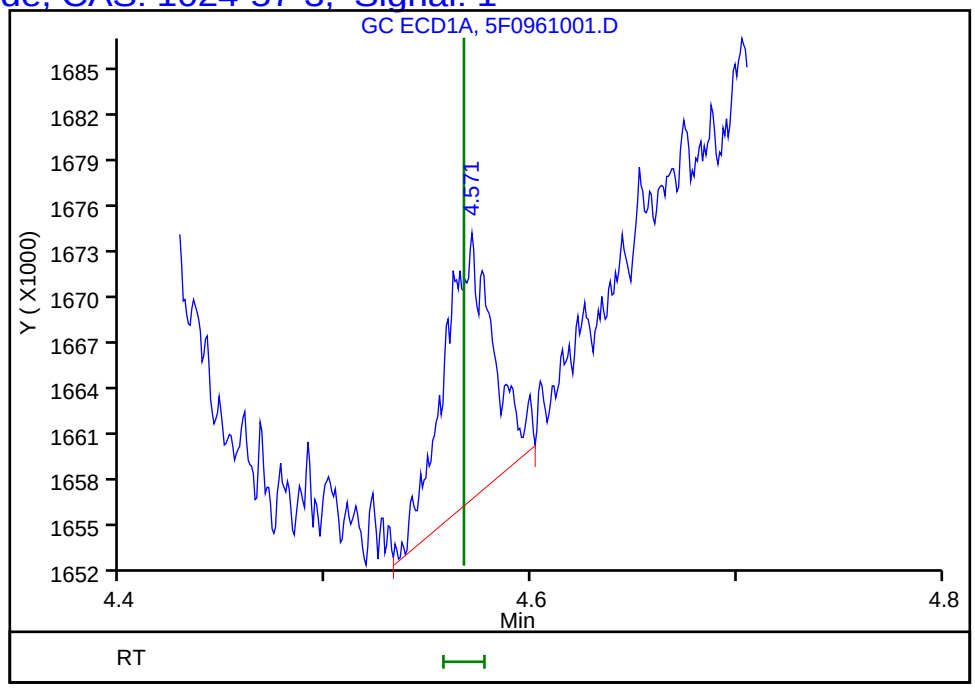
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961001.D
Injection Date: 20-Apr-2023 10:20:30 Instrument ID: CPESTGC5
Lims ID: MB 460-903966/1-A
Client ID:
Operator ID: ALS Bottle#: 35 Worklist Smp#: 35
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

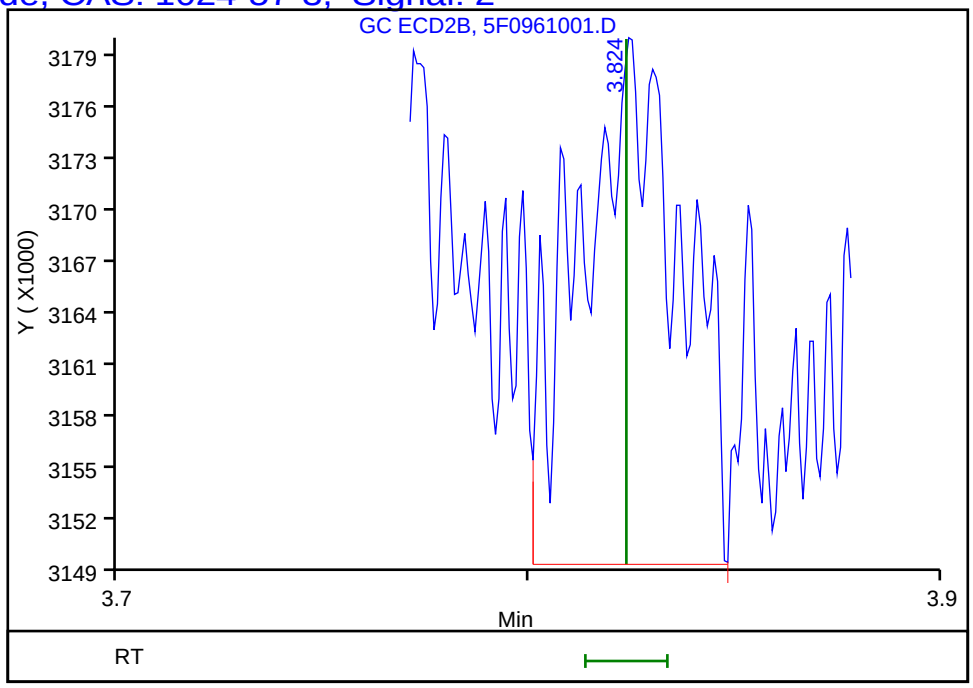
RT: 4.57
Response: 28642
Amount: 0.151615



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.82
Response: 52106
Amount: 0.234342



Reviewer: ESS0, 20-Apr-2023 10:31:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LB 460-904045/1-C

Matrix: Solid (TCLP) Lab File ID: 4F0011761.D

Analysis Method: 8081B Date Collected:

Extraction Method: 3510C Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) Date Analyzed: 04/21/2023 05:36

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		15-121
877-09-8	Tetrachloro-m-xylene	86		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Lims ID: LB 460-904045/1-C
Client ID:
Sample Type: LB
Inject. Date: 21-Apr-2023 05:36:45 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-012
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:20 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 06:09:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.622	1.622	0.000	29297675	100.0	100.0	
2	1.497	1.497	0.000	56666777	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.153	2.150	0.003	28763109	100.0	86.3	
2	1.851	1.848	0.003	52672765	100.0	83.5	
						RPD = 3.33	
$ 24 DCB Decachlorobiphenyl							
1	8.337	8.336	0.001	35338639	100.0	85.3	
2	7.267	7.263	0.004	62867738	100.0	87.7	
						RPD = 2.68	

Reagents:

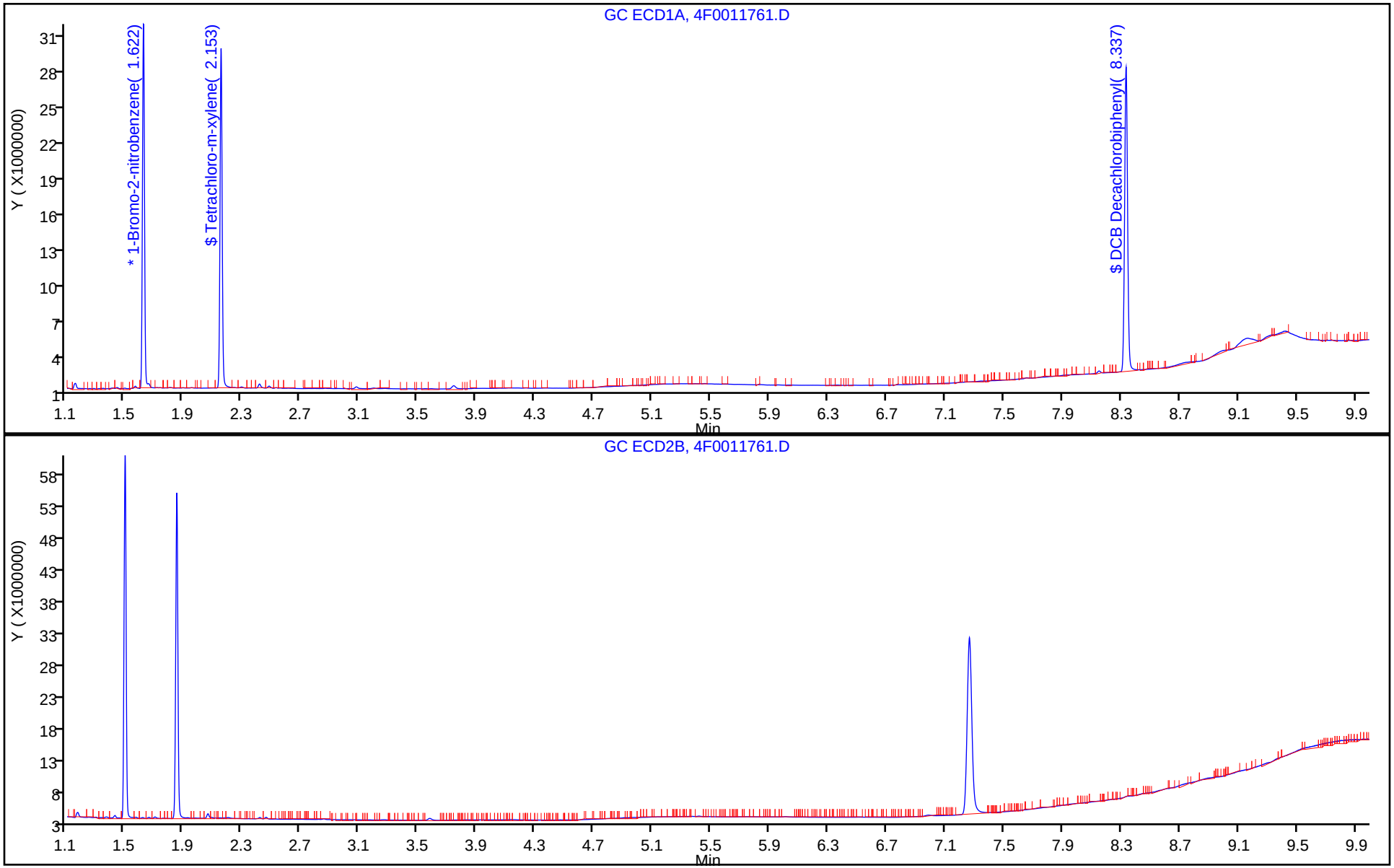
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 06:39:36 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D

Injection Date:	21-Apr-2023 05:36:45	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	LB 460-904045/1-C			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

User Disabled Compound Report

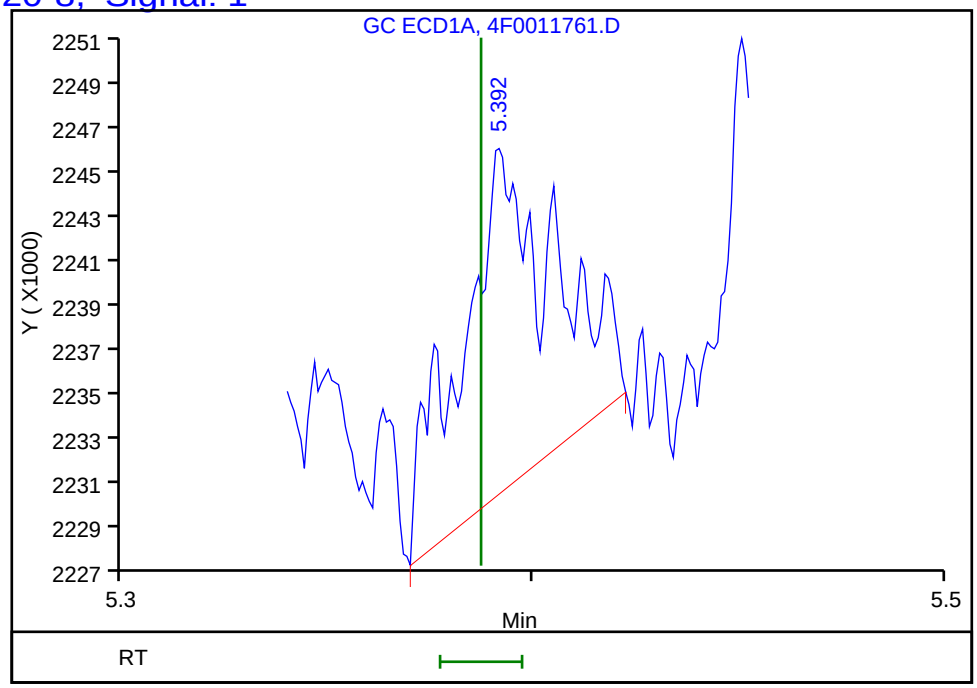
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Injection Date: 21-Apr-2023 05:36:45 Instrument ID: CPESTGC4
Lims ID: LB 460-904045/1-C
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

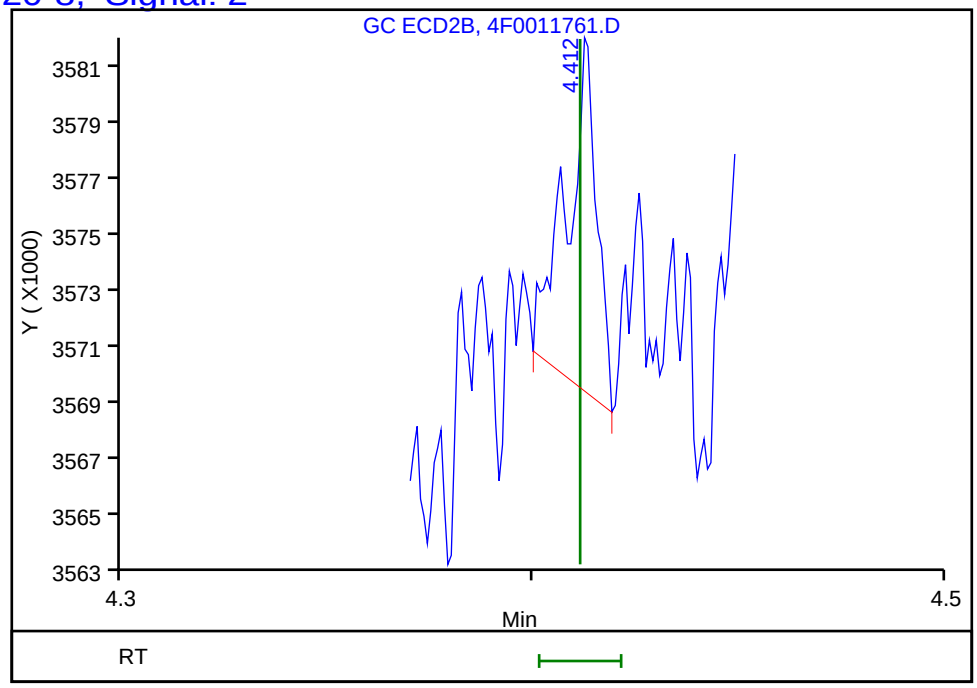
RT: 5.39
Response: 23563
Amount: 0.051611



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.41
Response: 6388
Amount: 0.009471



Reviewer: ESS0, 21-Apr-2023 06:09:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

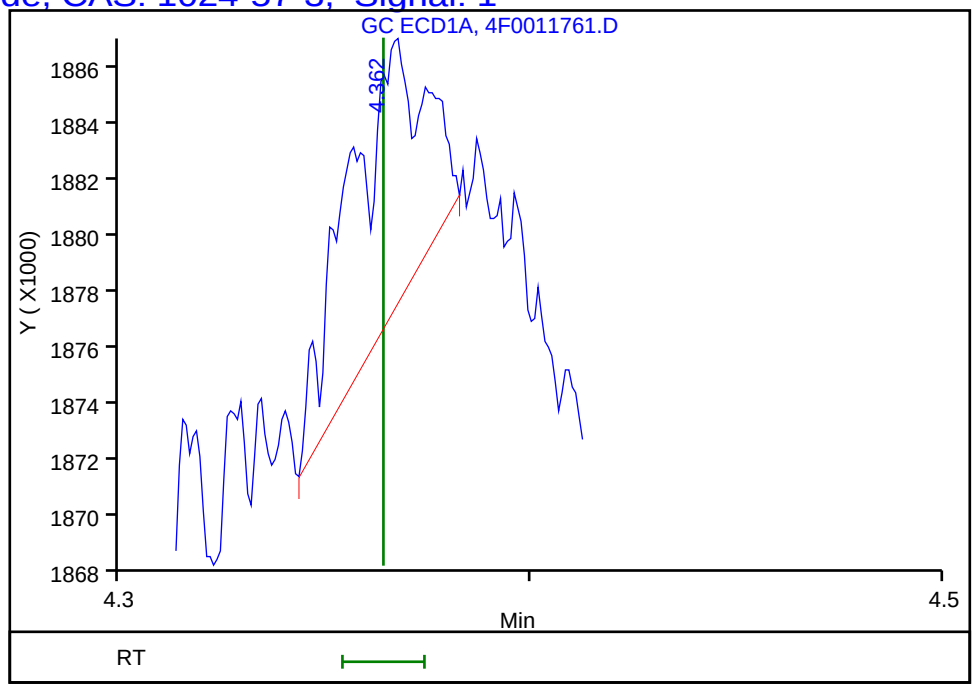
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Injection Date: 21-Apr-2023 05:36:45 Instrument ID: CPESTGC4
Lims ID: LB 460-904045/1-C
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

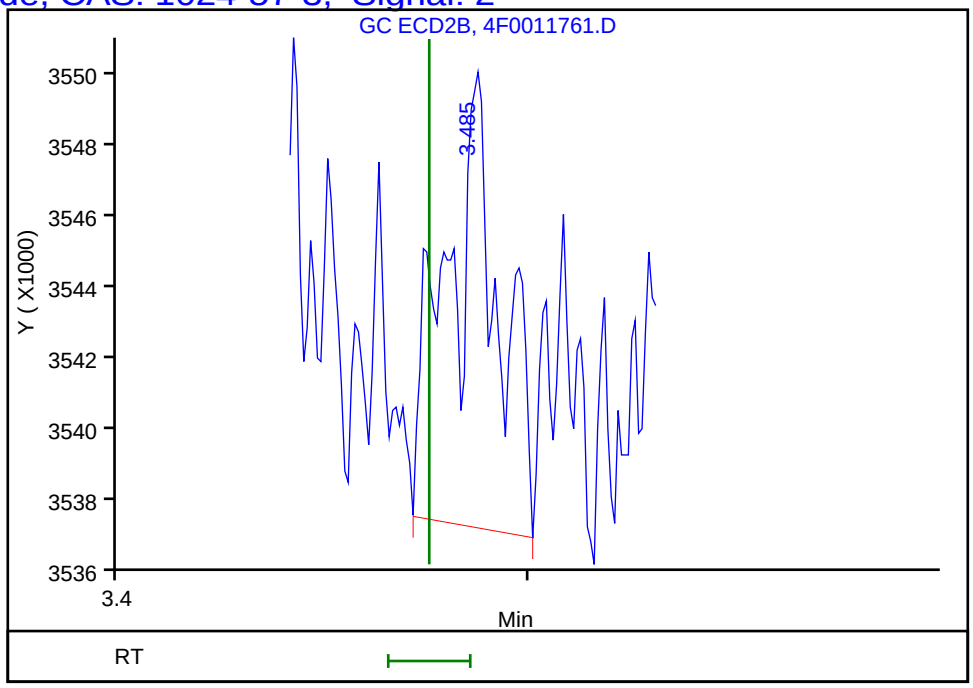
RT: 4.36
Response: 12400
Amount: 0.029124



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.48
Response: 11424
Amount: 0.016078



Reviewer: ESS0, 21-Apr-2023 06:09:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

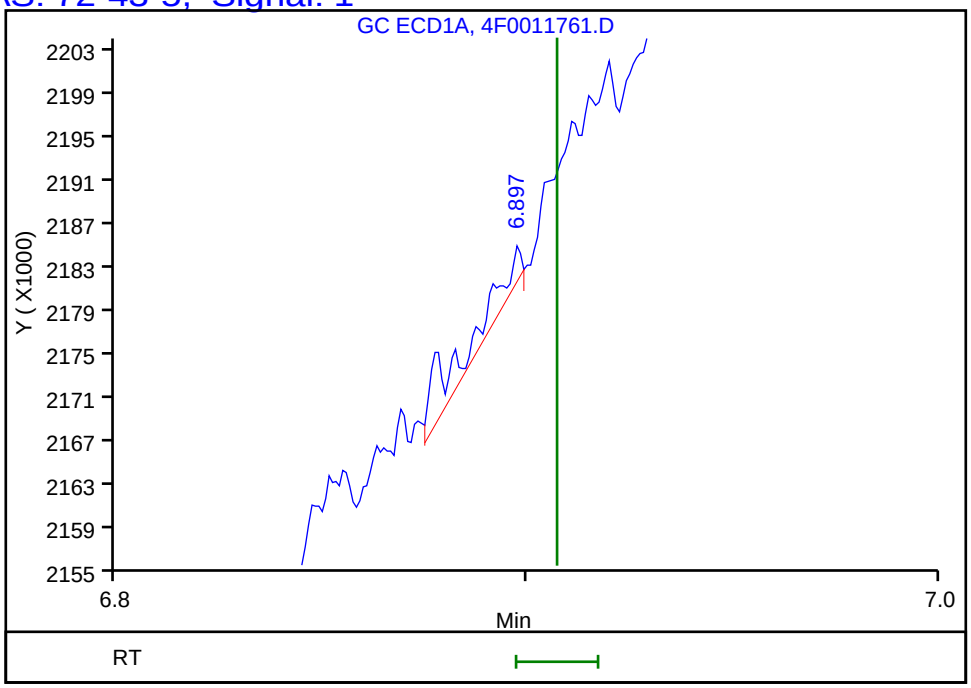
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Injection Date: 21-Apr-2023 05:36:45 Instrument ID: CPESTGC4
Lims ID: LB 460-904045/1-C
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

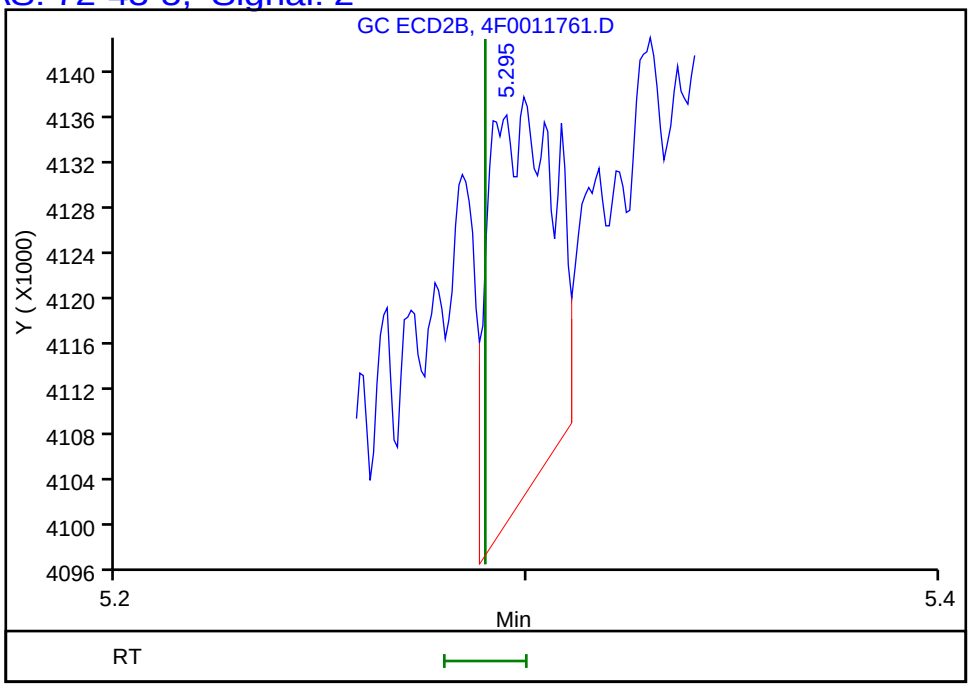
RT: 6.90
Response: 3419
Amount: 0.019615



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29
Response: 38767
Amount: 0.147147



Reviewer: ESS0, 21-Apr-2023 06:09:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB 460-904045/1-C

Matrix: Solid (TCLP) | Lab File ID: 4F0011761.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/20/2023 10:13

Sample wt/vol: 250(mL) | Date Analyzed: 04/21/2023 05:36

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.000055	U	0.0050	0.000055
72-20-8	Endrin	0.0000040	U	0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000012	U	0.00050	0.000012
76-44-8	Heptachlor	0.0000030	U	0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.0000050	U	0.00050	0.0000050
72-43-5	Methoxychlor	0.0000040	U	0.00050	0.0000040
8001-35-2	Toxaphene	0.00011	U	0.0050	0.00011

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		15-121
877-09-8	Tetrachloro-m-xylene	83		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Lims ID: LB 460-904045/1-C
Client ID:
Sample Type: LB
Inject. Date: 21-Apr-2023 05:36:45 ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159385-012
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:39:20 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 06:09:49

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.622	1.622	0.000	29297675	100.0	100.0	
2	1.497	1.497	0.000	56666777	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.153	2.150	0.003	28763109	100.0	86.3	
2	1.851	1.848	0.003	52672765	100.0	83.5	
						RPD = 3.33	
$ 24 DCB Decachlorobiphenyl							
1	8.337	8.336	0.001	35338639	100.0	85.3	
2	7.267	7.263	0.004	62867738	100.0	87.7	
						RPD = 2.68	

Reagents:

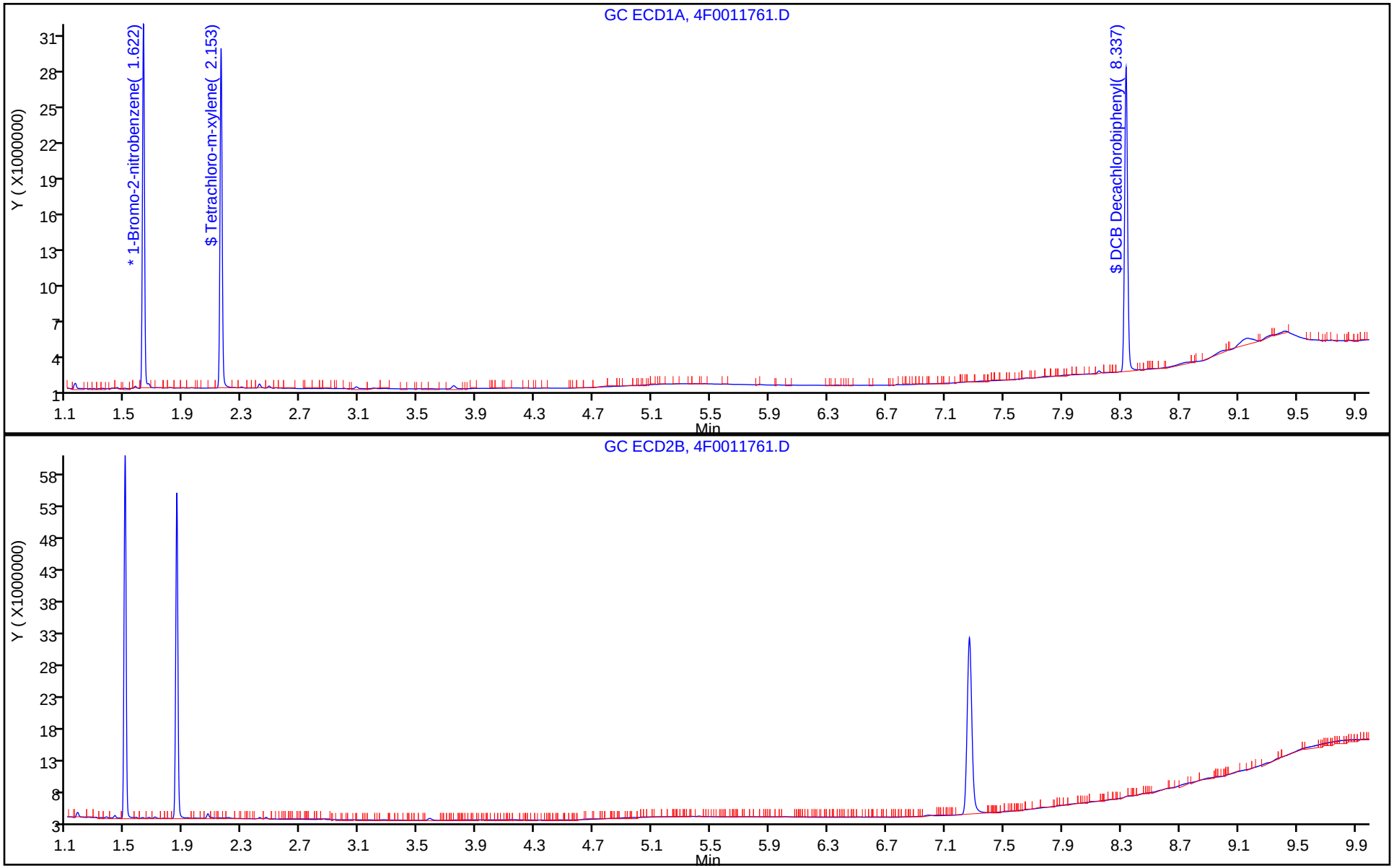
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 06:39:37 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D

Injection Date:	21-Apr-2023 05:36:45	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	LB 460-904045/1-C			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

User Disabled Compound Report

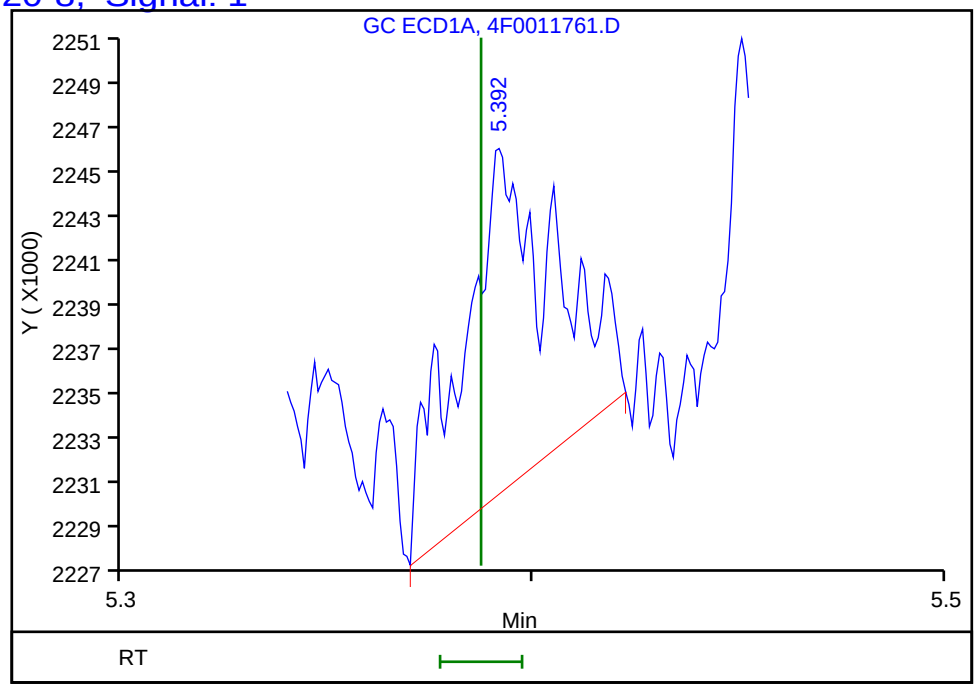
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Injection Date: 21-Apr-2023 05:36:45 Instrument ID: CPESTGC4
Lims ID: LB 460-904045/1-C
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

20 Endrin, CAS: 72-20-8, Signal: 1

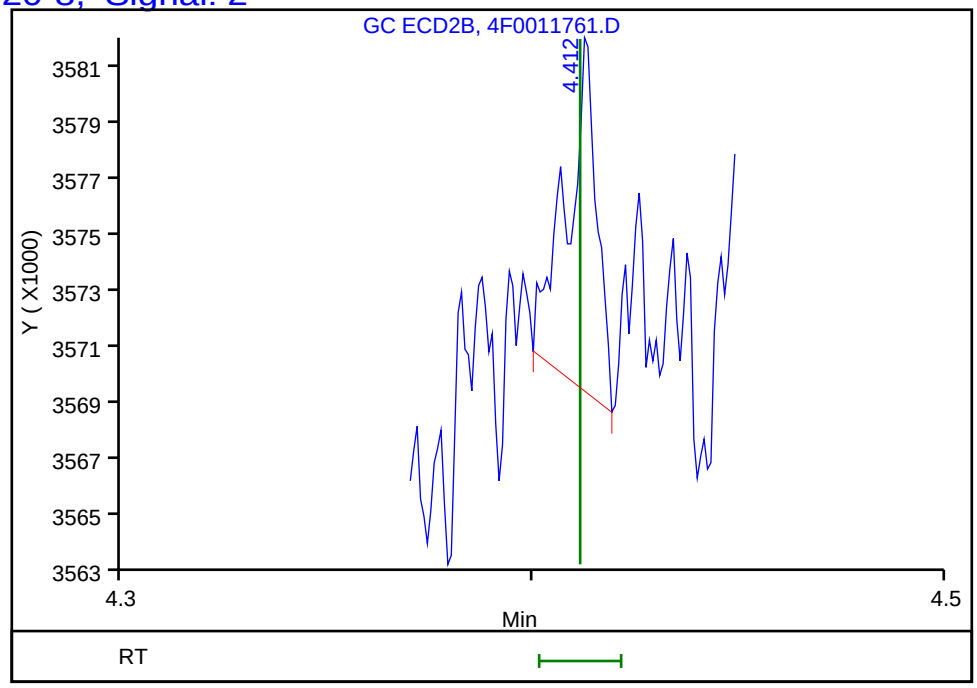
RT: 5.39
Response: 23563
Amount: 0.051611



Column: Detector GC ECD2B

20 Endrin, CAS: 72-20-8, Signal: 2

RT: 4.41
Response: 6388
Amount: 0.009471



Reviewer: ESS0, 21-Apr-2023 06:09:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

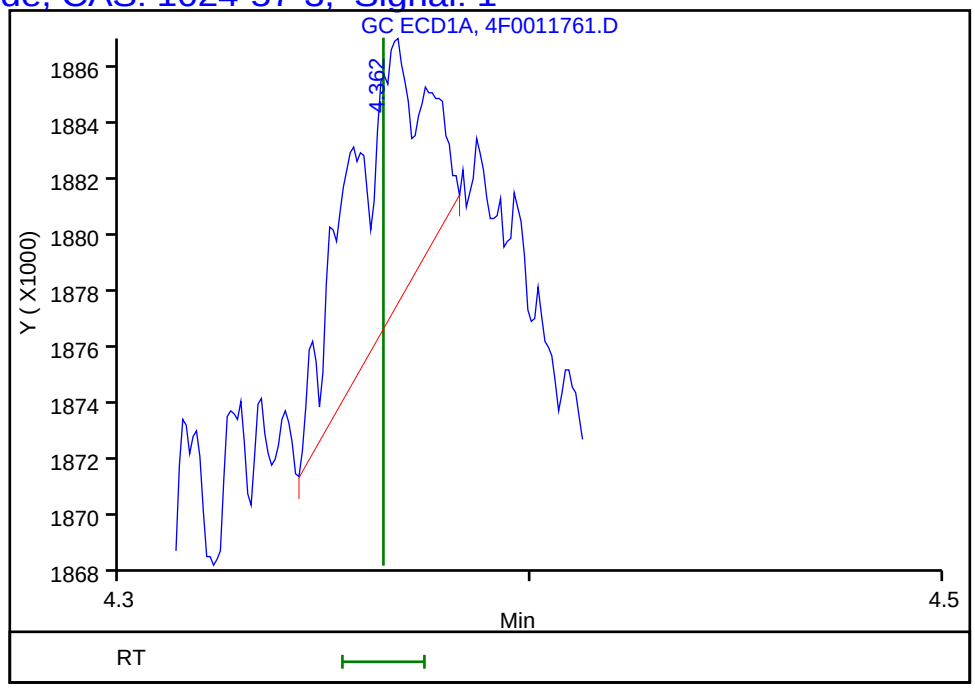
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Injection Date: 21-Apr-2023 05:36:45 Instrument ID: CPESTGC4
Lims ID: LB 460-904045/1-C
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 1

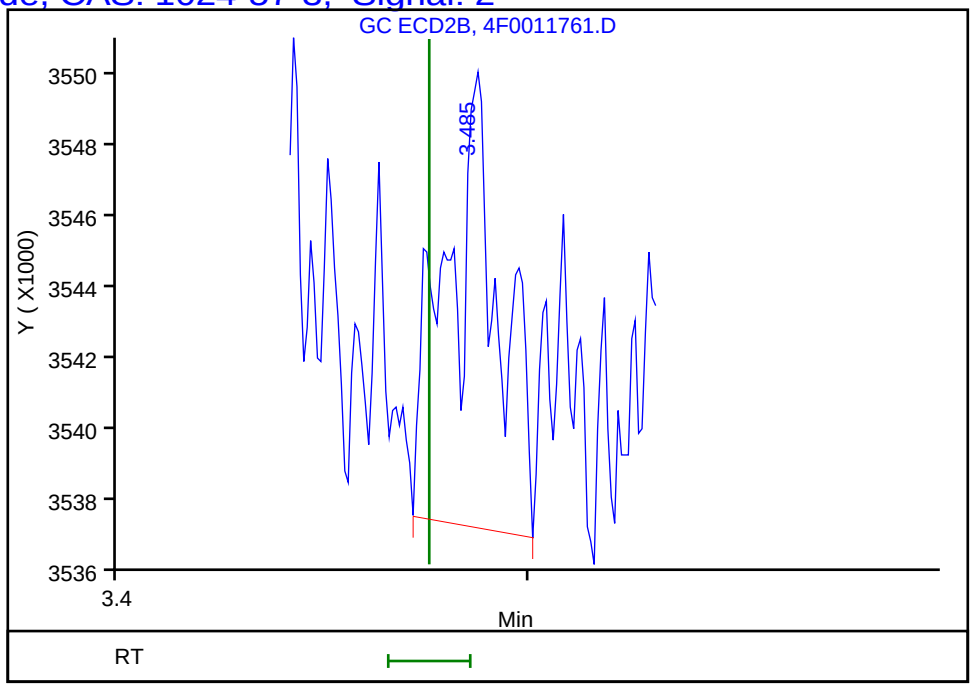
RT: 4.36
Response: 12400
Amount: 0.029124



Column: Detector GC ECD2B

12 Heptachlor epoxide, CAS: 1024-57-3, Signal: 2

RT: 3.48
Response: 11424
Amount: 0.016078



Reviewer: ESS0, 21-Apr-2023 06:09:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

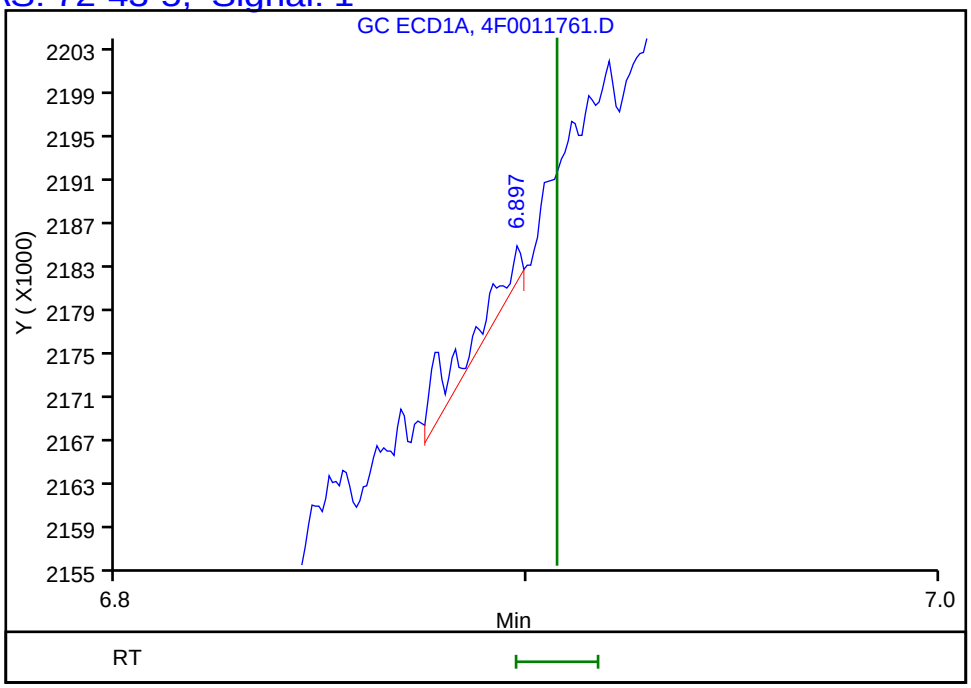
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011761.D
Injection Date: 21-Apr-2023 05:36:45 Instrument ID: CPESTGC4
Lims ID: LB 460-904045/1-C
Client ID:
Operator ID: ALS Bottle#: 12 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC-4 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

10 Methoxychlor, CAS: 72-43-5, Signal: 1

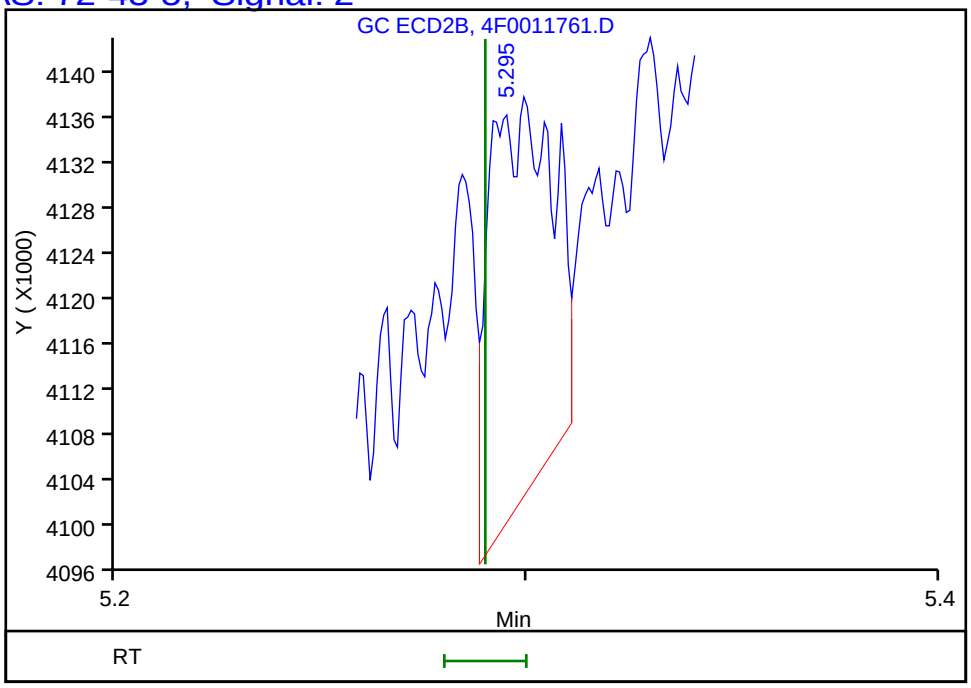
RT: 6.90
Response: 3419
Amount: 0.019615



Column: Detector GC ECD2B

10 Methoxychlor, CAS: 72-43-5, Signal: 2

RT: 5.29
Response: 38767
Amount: 0.147147



Reviewer: ESS0, 21-Apr-2023 06:09:49
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-904119/1

Matrix: Solid Lab File ID: 5F0960967.D

Analysis Method: 8081B Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/20/2023 02:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.055	U	0.50	0.055
72-20-8	Endrin	0.0040	U	0.020	0.0040
58-89-9	gamma-BHC (Lindane)	0.012	U	0.020	0.012
76-44-8	Heptachlor	0.0030	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.0050	U	0.020	0.0050
72-43-5	Methoxychlor	0.0040	U	0.020	0.0040
8001-35-2	Toxaphene	0.11	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	110		15-121
877-09-8	Tetrachloro-m-xylene	103		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960967.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 20-Apr-2023 02:59:15 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-001
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:01:51 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 03:18:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.683	1.687	-0.004	17044537	100.0	100.0	
2	1.602	1.606	-0.004	22326309	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.218	2.220	-0.002	3809349	20.0	20.7	
2	1.991	1.994	-0.003	4488153	20.0	22.7	
						RPD = 9.39	
$ 24 DCB Decachlorobiphenyl							
1	8.271	8.274	-0.003	4160874	20.0	22.0	
2	7.346	7.351	-0.005	5114473	20.0	24.5	
						RPD = 10.71	

QC Flag Legend
Processing Flags

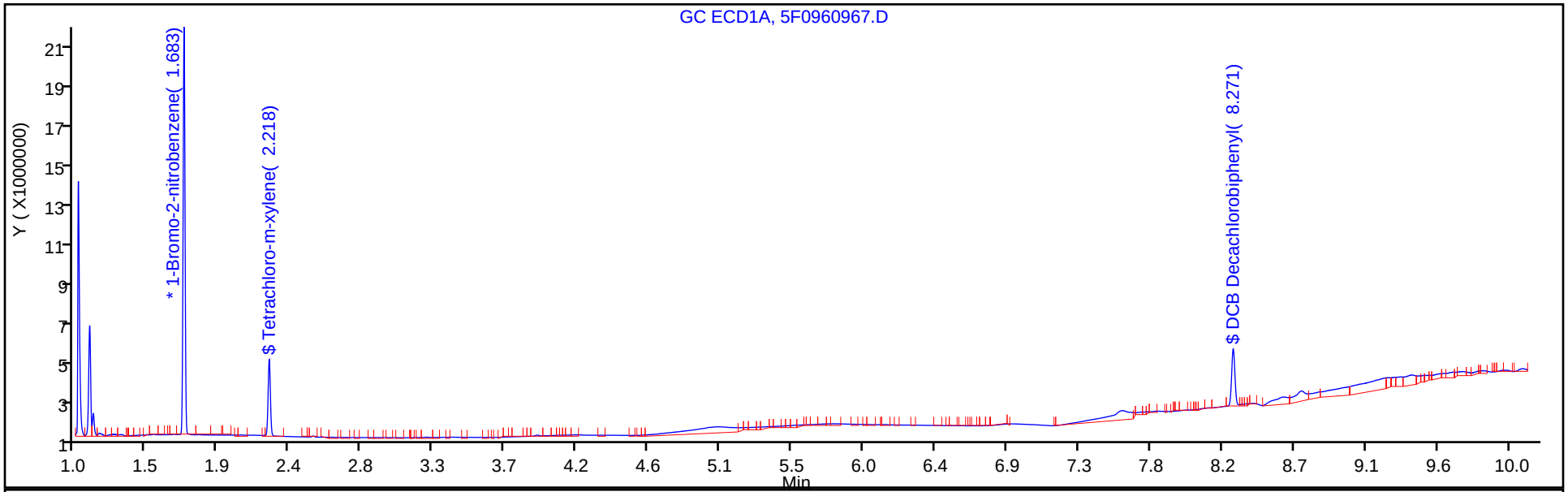
Reagents:
SGPIBLK_00035 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

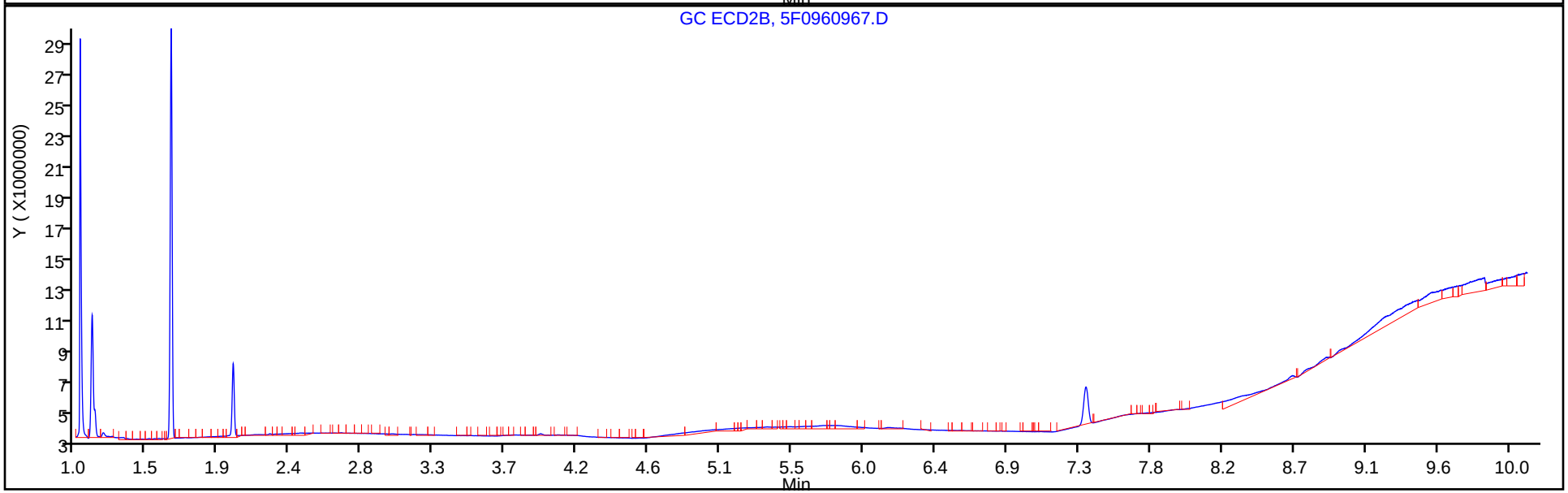
Report Date: 20-Apr-2023 06:02:56 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960967.D

Injection Date:	20-Apr-2023 02:59:15	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

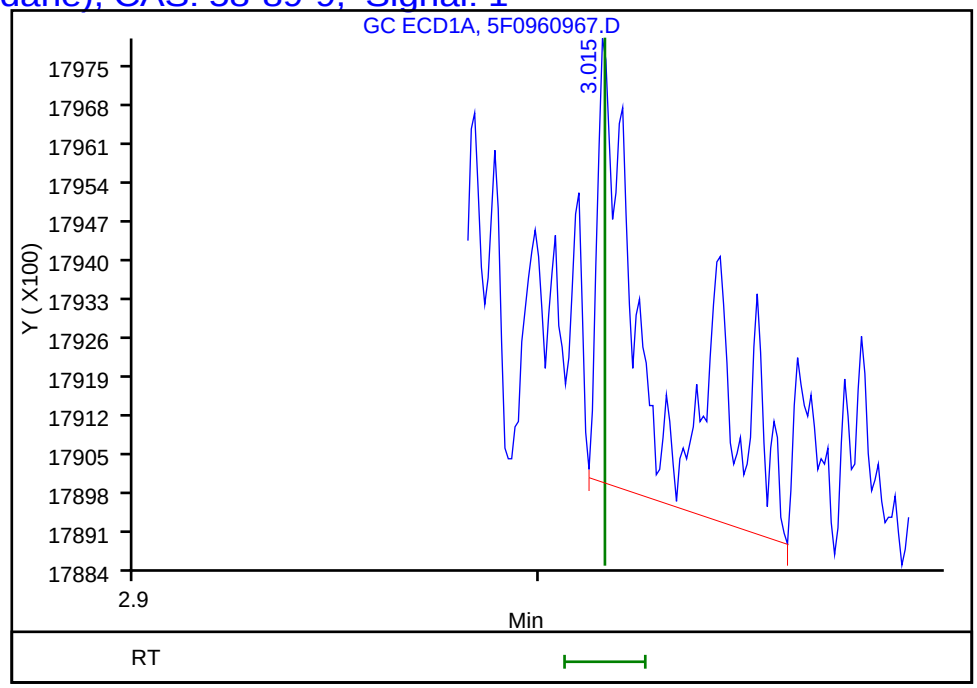
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960967.D
Injection Date: 20-Apr-2023 02:59:15 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

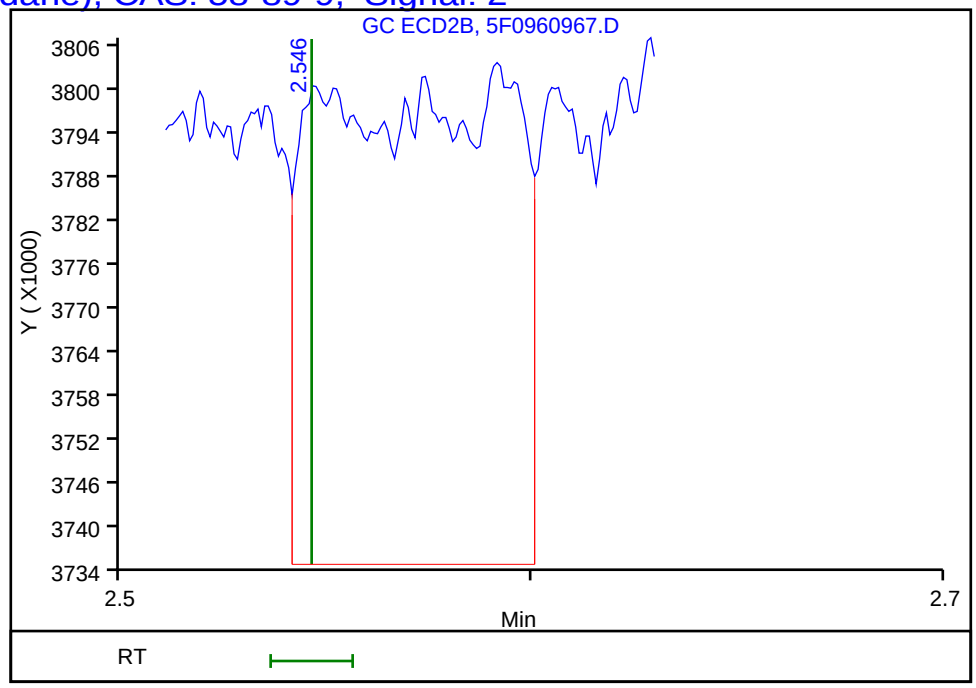
RT: 3.02
Response: 7682
Amount: 0.033706



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.55
Response: 217059
Amount: 0.856053



Reviewer: ESS0, 20-Apr-2023 03:18:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: PIBLK 460-904119/1

Matrix: Solid Lab File ID: 5F0960967.D

Analysis Method: 8081B Date Collected:

Extraction Method: Date Extracted:

Sample wt/vol: 1(mL) Date Analyzed: 04/20/2023 02:59

Con. Extract Vol.: 1(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	*Chlordane (technical)*	*0.055*	*U*	*0.50*	*0.055*
72-20-8	*Endrin*	*0.0040*	*U*	*0.020*	*0.0040*
58-89-9	*gamma-BHC (Lindane)*	*0.012*	*U*	*0.020*	*0.012*
76-44-8	*Heptachlor*	*0.0030*	*U*	*0.020*	*0.0030*
1024-57-3	*Heptachlor epoxide*	*0.0050*	*U*	*0.020*	*0.0050*
72-43-5	*Methoxychlor*	*0.0040*	*U*	*0.020*	*0.0040*
8001-35-2	*Toxaphene*	*0.11*	*U*	*0.50*	*0.11*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123	*S1+*	15-121
877-09-8	Tetrachloro-m-xylene	113		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960967.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 20-Apr-2023 02:59:15 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-001
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 20-Apr-2023 06:01:51 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 03:18:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.683	1.687	-0.004	17044537	100.0	100.0	
2	1.602	1.606	-0.004	22326309	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.218	2.220	-0.002	3809349	20.0	20.7	
2	1.991	1.994	-0.003	4488153	20.0	22.7	
						RPD = 9.39	
$ 24 DCB Decachlorobiphenyl							
1	8.271	8.274	-0.003	4160874	20.0	22.0	
2	7.346	7.351	-0.005	5114473	20.0	24.5	
						RPD = 10.71	

QC Flag Legend
Processing Flags

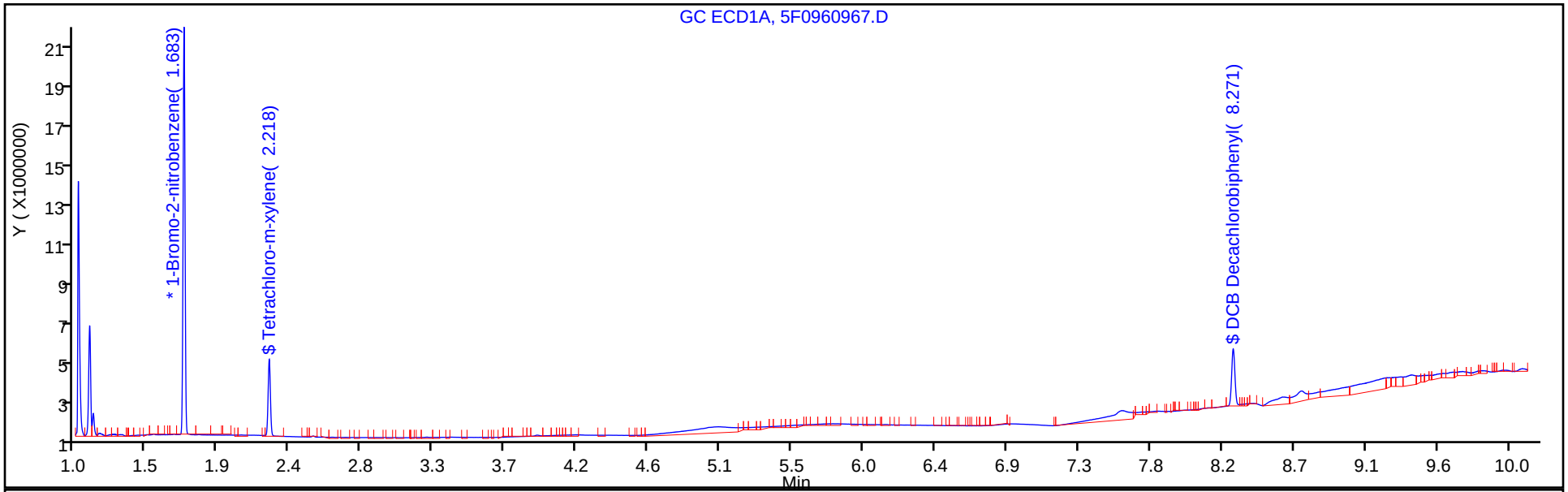
Reagents:
SGPIBLK_00035 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

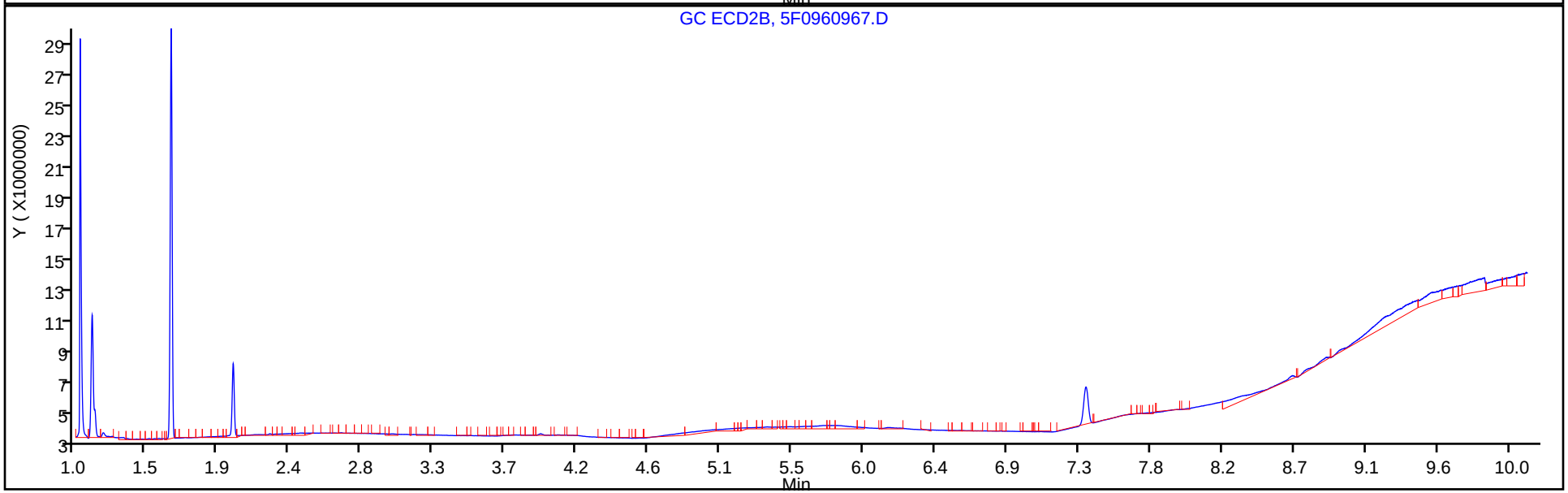
Report Date: 20-Apr-2023 06:02:56 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960967.D

Injection Date:	20-Apr-2023 02:59:15	Instrument ID:	CPESTGC5	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC 5 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		





4/26/2023 9:25 PM

User Disabled Compound Report

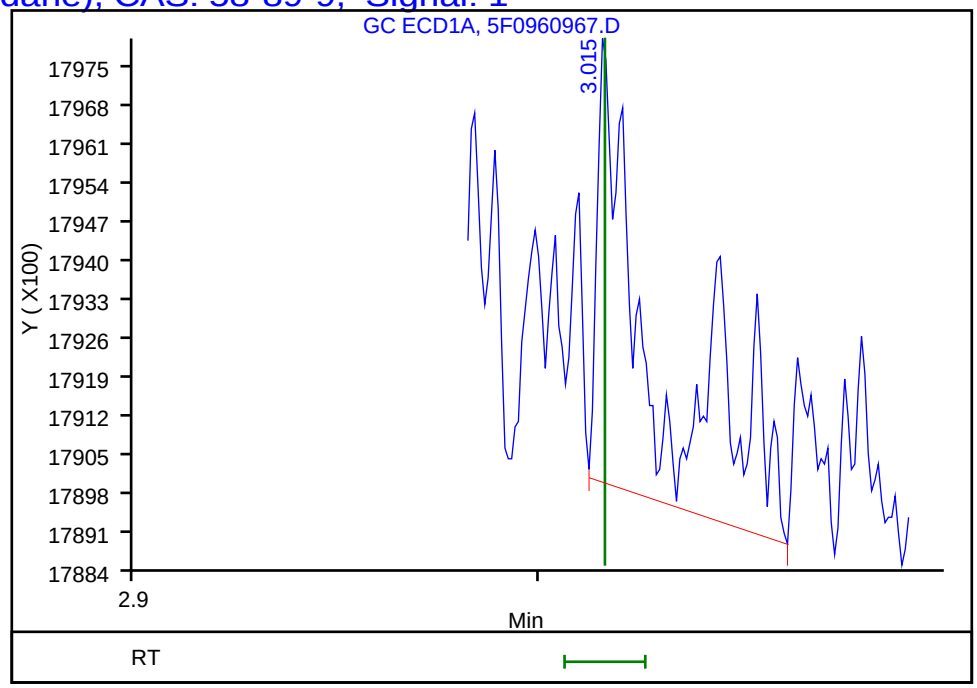
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0960967.D
Injection Date: 20-Apr-2023 02:59:15 Instrument ID: CPESTGC5
Lims ID: PIBLK
Client ID:
Operator ID: ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD

Column: Detector GC ECD1A

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 1

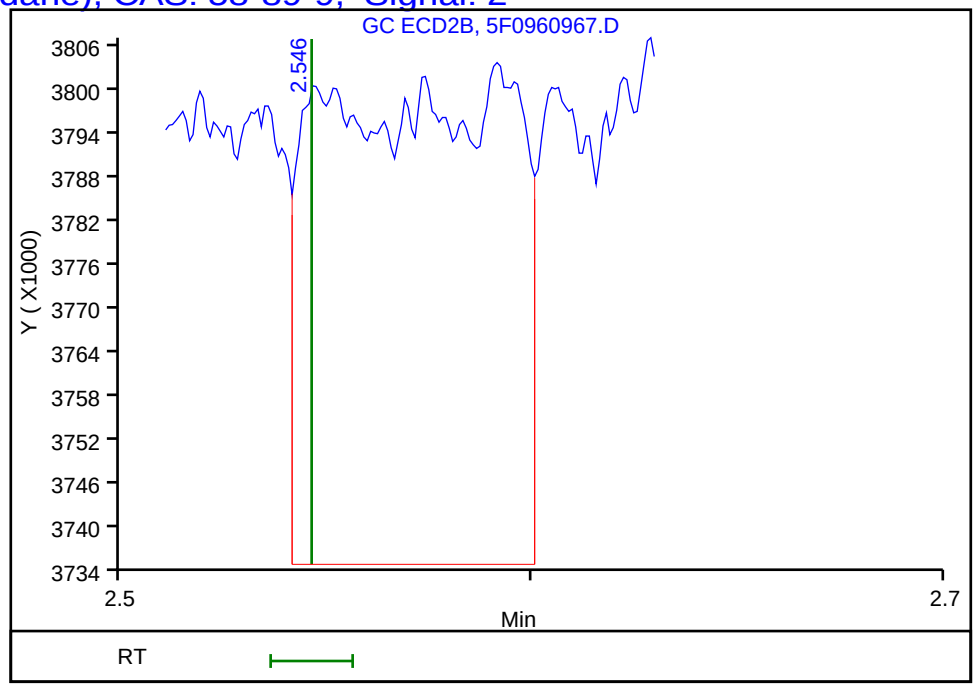
RT: 3.02
Response: 7682
Amount: 0.033706



Column: Detector GC ECD2B

2 gamma-BHC (Lindane), CAS: 58-89-9, Signal: 2

RT: 2.55
Response: 217059
Amount: 0.856053



Reviewer: ESS0, 20-Apr-2023 03:18:53
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-904358/1

Matrix: Solid | Lab File ID: 4F0011750.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/21/2023 02:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	Chlordane (technical)	0.055	U	0.50	0.055
72-20-8	Endrin	0.0040	U	0.020	0.0040
58-89-9	gamma-BHC (Lindane)	0.012	U	0.020	0.012
76-44-8	Heptachlor	0.0030	U	0.020	0.0030
1024-57-3	Heptachlor epoxide	0.0050	U	0.020	0.0050
72-43-5	Methoxychlor	0.0040	U	0.020	0.0040
8001-35-2	Toxaphene	0.11	U	0.50	0.11

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	74		15-121
877-09-8	Tetrachloro-m-xylene	79		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011750.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 21-Apr-2023 02:42:12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:38:23 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 03:16:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.619	1.622	-0.003	33307804	100.0	100.0	
2	1.493	1.497	-0.004	61621675	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.149	2.150	-0.001	6015876	20.0	15.9	
2	1.846	1.848	-0.002	11213257	20.0	16.3	
						RPD = 2.88	
$ 24 DCB Decachlorobiphenyl							
1	8.339	8.336	0.003	6922058	20.0	14.7	
2	7.260	7.263	-0.003	11854582	20.0	15.2	
						RPD = 3.32	

QC Flag Legend
Processing Flags

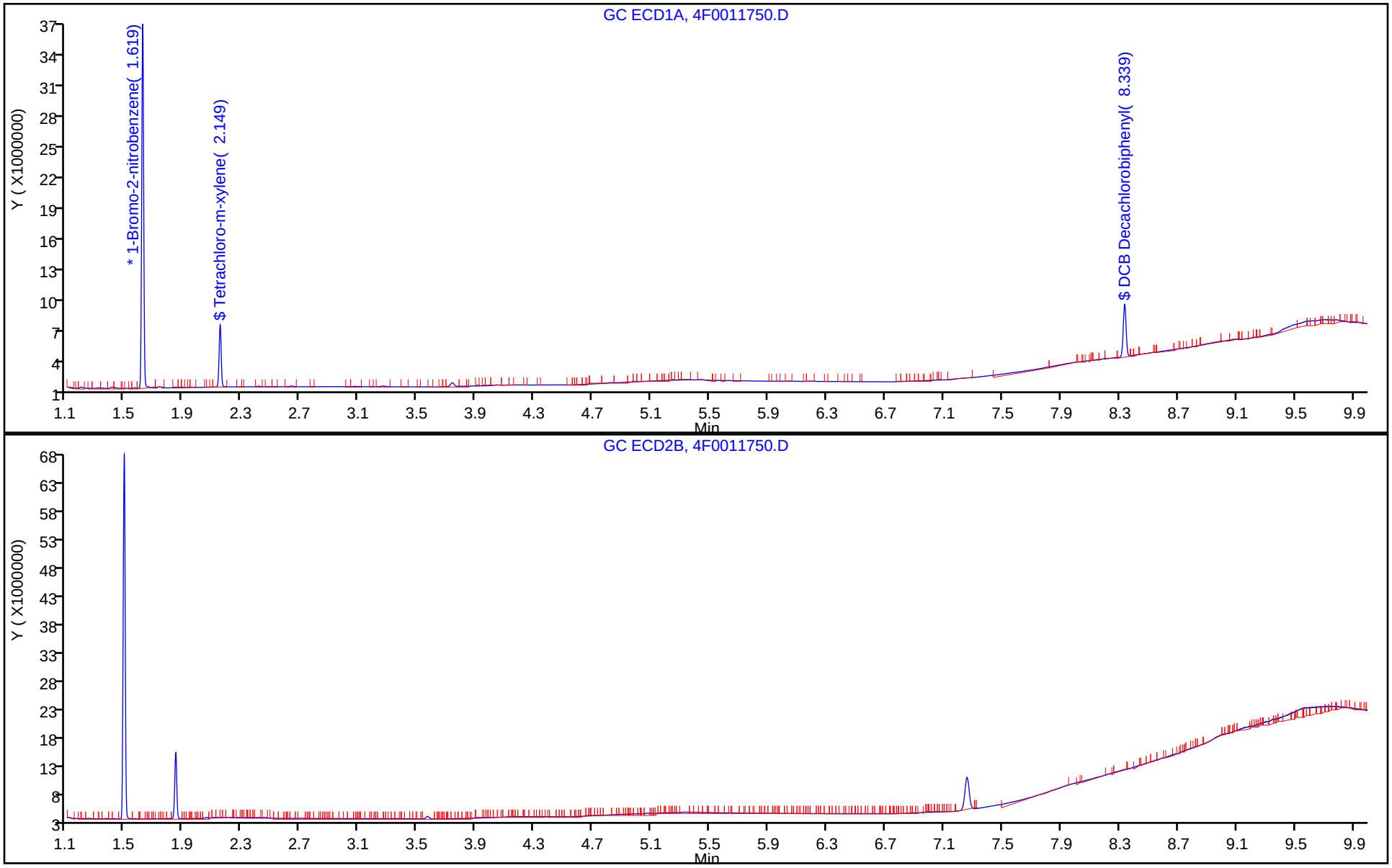
Reagents:
SGPIBLK_00035 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 06:39:07 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011750.D

Injection Date:	21-Apr-2023 02:42:12	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-904358/1

Matrix: Solid | Lab File ID: 4F0011750.D

Analysis Method: 8081B | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/21/2023 02:42

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904358 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12789-03-6	*Chlordane (technical)*	*0.055*	*U*	*0.50*	*0.055*
72-20-8	*Endrin*	*0.0040*	*U*	*0.020*	*0.0040*
58-89-9	*gamma-BHC (Lindane)*	*0.012*	*U*	*0.020*	*0.012*
76-44-8	*Heptachlor*	*0.0030*	*U*	*0.020*	*0.0030*
1024-57-3	*Heptachlor epoxide*	*0.0050*	*U*	*0.020*	*0.0050*
72-43-5	*Methoxychlor*	*0.0040*	*U*	*0.020*	*0.0040*
8001-35-2	*Toxaphene*	*0.11*	*U*	*0.50*	*0.11*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	76		15-121
877-09-8	Tetrachloro-m-xylene	82		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011750.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 21-Apr-2023 02:42:12 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: PIBLK
Operator ID: Instrument ID: CPESTGC4

Method: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\GC-4 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 06:38:23 Calib Date: 18-Jan-2023 13:56:07
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC4\20230118-155754.b\4F0009520.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 03:16:37

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.619	1.622	-0.003	33307804	100.0	100.0	
2	1.493	1.497	-0.004	61621675	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.149	2.150	-0.001	6015876	20.0	15.9	
2	1.846	1.848	-0.002	11213257	20.0	16.3	
						RPD = 2.88	
$ 24 DCB Decachlorobiphenyl							
1	8.339	8.336	0.003	6922058	20.0	14.7	
2	7.260	7.263	-0.003	11854582	20.0	15.2	
						RPD = 3.32	

QC Flag Legend
Processing Flags

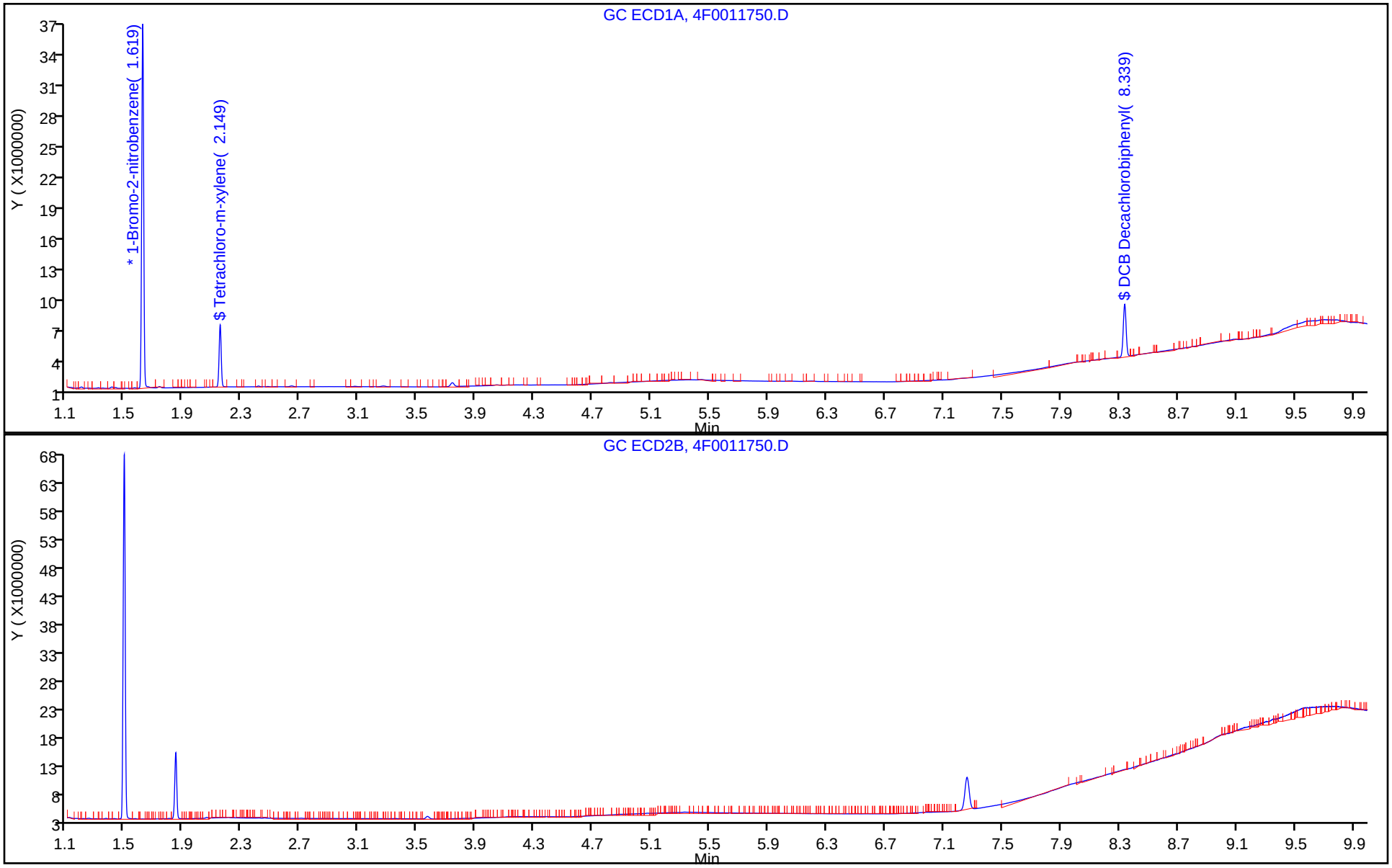
Reagents:
SGPIBLK_00035 Amount Added: 1.00 Units: mL
SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 06:39:08 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC4\20230421-159385.b\4F0011750.D

Injection Date:	21-Apr-2023 02:42:12	Instrument ID:	CPESTGC4	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	GC-4 8081 ISTD	Limit Group:	GC 8081B PEST ISTD		



4/26/2023 9:25 PM

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-903966/2-A

Matrix: Solid | Lab File ID: 5F0961002.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/19/2023 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 04/20/2023 10:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-20-8	*Endrin*	*0.000843*		*0.00050*	*0.0000040*
58-89-9	*gamma-BHC (Lindane)*	*0.000855*		*0.00050*	*0.000012*
76-44-8	*Heptachlor*	*0.000873*		*0.00050*	*0.0000030*
1024-57-3	*Heptachlor epoxide*	*0.000848*		*0.00050*	*0.0000050*
72-43-5	*Methoxychlor*	*0.000977*		*0.00050*	*0.0000040*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	85		15-121
877-09-8	Tetrachloro-m-xylene	80		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961002.D
Lims ID: LCS 460-903966/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 10:33:34 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-036
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 03:27:11 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.687	1.687	0.000	20729805	100.0	100.0	
2	1.607	1.606	0.001	27931155	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.223	2.220	0.003	17856290	100.0	79.6	
2	1.997	1.994	0.003	22883078	100.0	92.5	
						RPD = 14.96	
15 alpha-BHC							
1	2.694	2.691	0.003	63205821	200.0	205.7	
2	2.333	2.329	0.004	77753574	200.0	226.6	
						RPD = 9.64	
2 gamma-BHC (Lindane)							
1	3.019	3.016	0.003	59219971	200.0	213.6	
2	2.550	2.546	0.004	73274523	200.0	231.0	
						RPD = 7.80	
6 beta-BHC							
1	3.081	3.078	0.003	25259155	200.0	200.7	
2	2.602	2.598	0.004	30942246	200.0	216.9	
						RPD = 7.74	
32 delta-BHC							
1	3.411	3.409	0.002	46868032	200.0	165.9	
2	2.743	2.740	0.003	58070050	200.0	178.6	
						RPD = 7.38	
18 Heptachlor							
1	3.501	3.499	0.002	55164053	200.0	218.3	
2	2.930	2.925	0.005	71090029	200.0	242.9	
						RPD = 10.65	
8 Aldrin							
1	3.894	3.893	0.001	57792771	200.0	201.8	
2	3.202	3.199	0.003	69372553	200.0	232.1	
						RPD = 13.98	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.569	4.567	0.002	49801366	200.0	212.0	
2	3.827	3.824	0.003	63583732	200.0	231.2	
						RPD = 8.67	
9 trans-Chlordane							
1	4.789	4.788	0.001	50937288	200.0	213.5	
2	3.959	3.956	0.003	63687411	200.0	236.3	
						RPD = 10.14	
23 cis-Chlordane							
1	4.940	4.939	0.001	49016789	200.0	209.1	
2	4.097	4.094	0.003	61396668	200.0	228.7	
						RPD = 8.95	
7 Endosulfan I							
1	4.999	4.998	0.001	46662967	200.0	207.6	
2	4.245	4.242	0.003	58876654	200.0	228.9	
						RPD = 9.77	
25 4,4'-DDE							
1	5.101	5.101	0.000	53379377	200.0	213.4	
2	4.175	4.173	0.002	64193374	200.0	231.2	
						RPD = 8.00	
30 Dieldrin							
1	5.250	5.249	0.001	54210067	200.0	212.4	
2	4.520	4.517	0.003	65958807	200.0	228.2	
						RPD = 7.17	
20 Endrin							
1	5.516	5.517	-0.001	48699204	200.0	210.7	
2	4.781	4.779	0.002	56176829	200.0	237.9	
						RPD = 12.13	
16 4,4'-DDD							
1	5.619	5.620	-0.001	43565863	200.0	204.6	
2	4.854	4.852	0.002	52468507	200.0	222.8	
						RPD = 8.54	
11 Endosulfan II							
1	5.697	5.698	-0.001	48774072	200.0	210.4	
2	4.993	4.991	0.002	55351478	200.0	224.9	
						RPD = 6.66	
21 4,4'-DDT							
1	5.905	5.906	-0.001	42250511	200.0	240.2	
2	5.116	5.114	0.002	54817396	200.0	242.5	
						RPD = 0.97	
5 Endrin aldehyde							
1	6.013	6.014	-0.001	40024312	200.0	215.2	
2	5.353	5.352	0.001	45728940	200.0	235.6	
						RPD = 9.07	
3 Endosulfan sulfate							
1	6.317	6.317	0.000	47409369	200.0	203.1	
2	5.714	5.714	0.000	52499454	200.0	204.0	
						RPD = 0.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	6.825	6.829	-0.004	23179141	200.0	244.1	
2	5.545	5.544	0.001	29732148	200.0	245.1	
						RPD = 0.37	
34 Mirex							
1	6.976	6.976	0.000	33547713	200.0	185.1	
2	5.620	5.619	0.001	36971534	200.0	190.7	
						RPD = 2.99	
13 Endrin ketone							
1	7.070	7.074	-0.004	53063202	200.0	219.2	
2	5.947	5.946	0.001	63702328	200.0	215.9	
						RPD = 1.54	
$ 24 DCB Decachlorobiphenyl							
1	8.272	8.274	-0.002	19541232	100.0	85.0	
2	7.350	7.351	-0.001	22571604	100.0	86.4	
						RPD = 1.68	

Reagents:

SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 03:28:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961002.D

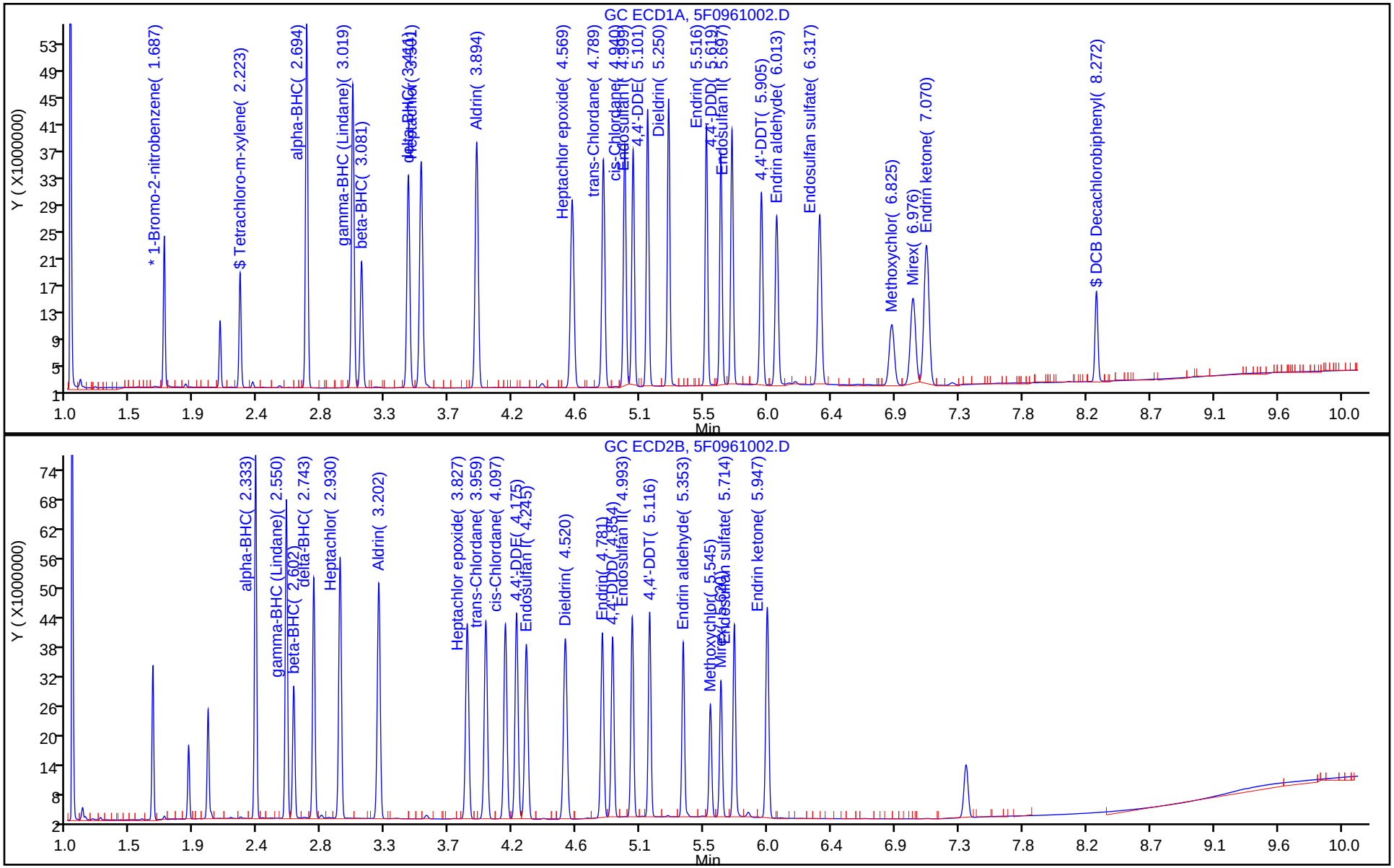
Injection Date: 20-Apr-2023 10:33:34 Instrument ID: CPESTGC5 Operator ID:

Lims ID: LCS 460-903966/2-A Worklist Smp#: 36

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 36

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-903966/2-A

Matrix: Solid | Lab File ID: 5F0961002.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/19/2023 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 04/20/2023 10:33

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-20-8	Endrin	0.000952		0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000924		0.00050	0.000012
76-44-8	Heptachlor	0.000972		0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.000925		0.00050	0.0000050
72-43-5	Methoxychlor	0.000980		0.00050	0.0000040

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		15-121
877-09-8	Tetrachloro-m-xylene	92		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961002.D
Lims ID: LCS 460-903966/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 10:33:34 ALS Bottle#: 36 Worklist Smp#: 36
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-036
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 03:27:11 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.687	1.687	0.000	20729805	100.0	100.0	
2	1.607	1.606	0.001	27931155	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.223	2.220	0.003	17856290	100.0	79.6	
2	1.997	1.994	0.003	22883078	100.0	92.5	
						RPD = 14.96	
15 alpha-BHC							
1	2.694	2.691	0.003	63205821	200.0	205.7	
2	2.333	2.329	0.004	77753574	200.0	226.6	
						RPD = 9.64	
2 gamma-BHC (Lindane)							
1	3.019	3.016	0.003	59219971	200.0	213.6	
2	2.550	2.546	0.004	73274523	200.0	231.0	
						RPD = 7.80	
6 beta-BHC							
1	3.081	3.078	0.003	25259155	200.0	200.7	
2	2.602	2.598	0.004	30942246	200.0	216.9	
						RPD = 7.74	
32 delta-BHC							
1	3.411	3.409	0.002	46868032	200.0	165.9	
2	2.743	2.740	0.003	58070050	200.0	178.6	
						RPD = 7.38	
18 Heptachlor							
1	3.501	3.499	0.002	55164053	200.0	218.3	
2	2.930	2.925	0.005	71090029	200.0	242.9	
						RPD = 10.65	
8 Aldrin							
1	3.894	3.893	0.001	57792771	200.0	201.8	
2	3.202	3.199	0.003	69372553	200.0	232.1	
						RPD = 13.98	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.569	4.567	0.002	49801366	200.0	212.0	
2	3.827	3.824	0.003	63583732	200.0	231.2	
						RPD = 8.67	
9 trans-Chlordane							
1	4.789	4.788	0.001	50937288	200.0	213.5	
2	3.959	3.956	0.003	63687411	200.0	236.3	
						RPD = 10.14	
23 cis-Chlordane							
1	4.940	4.939	0.001	49016789	200.0	209.1	
2	4.097	4.094	0.003	61396668	200.0	228.7	
						RPD = 8.95	
7 Endosulfan I							
1	4.999	4.998	0.001	46662967	200.0	207.6	
2	4.245	4.242	0.003	58876654	200.0	228.9	
						RPD = 9.77	
25 4,4'-DDE							
1	5.101	5.101	0.000	53379377	200.0	213.4	
2	4.175	4.173	0.002	64193374	200.0	231.2	
						RPD = 8.00	
30 Dieldrin							
1	5.250	5.249	0.001	54210067	200.0	212.4	
2	4.520	4.517	0.003	65958807	200.0	228.2	
						RPD = 7.17	
20 Endrin							
1	5.516	5.517	-0.001	48699204	200.0	210.7	
2	4.781	4.779	0.002	56176829	200.0	237.9	
						RPD = 12.13	
16 4,4'-DDD							
1	5.619	5.620	-0.001	43565863	200.0	204.6	
2	4.854	4.852	0.002	52468507	200.0	222.8	
						RPD = 8.54	
11 Endosulfan II							
1	5.697	5.698	-0.001	48774072	200.0	210.4	
2	4.993	4.991	0.002	55351478	200.0	224.9	
						RPD = 6.66	
21 4,4'-DDT							
1	5.905	5.906	-0.001	42250511	200.0	240.2	
2	5.116	5.114	0.002	54817396	200.0	242.5	
						RPD = 0.97	
5 Endrin aldehyde							
1	6.013	6.014	-0.001	40024312	200.0	215.2	
2	5.353	5.352	0.001	45728940	200.0	235.6	
						RPD = 9.07	
3 Endosulfan sulfate							
1	6.317	6.317	0.000	47409369	200.0	203.1	
2	5.714	5.714	0.000	52499454	200.0	204.0	
						RPD = 0.44	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	6.825	6.829	-0.004	23179141	200.0	244.1	
2	5.545	5.544	0.001	29732148	200.0	245.1	
						RPD = 0.37	
34 Mirex							
1	6.976	6.976	0.000	33547713	200.0	185.1	
2	5.620	5.619	0.001	36971534	200.0	190.7	
						RPD = 2.99	
13 Endrin ketone							
1	7.070	7.074	-0.004	53063202	200.0	219.2	
2	5.947	5.946	0.001	63702328	200.0	215.9	
						RPD = 1.54	
$ 24 DCB Decachlorobiphenyl							
1	8.272	8.274	-0.002	19541232	100.0	85.0	
2	7.350	7.351	-0.001	22571604	100.0	86.4	
						RPD = 1.68	

Reagents:

SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 03:28:04 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961002.D

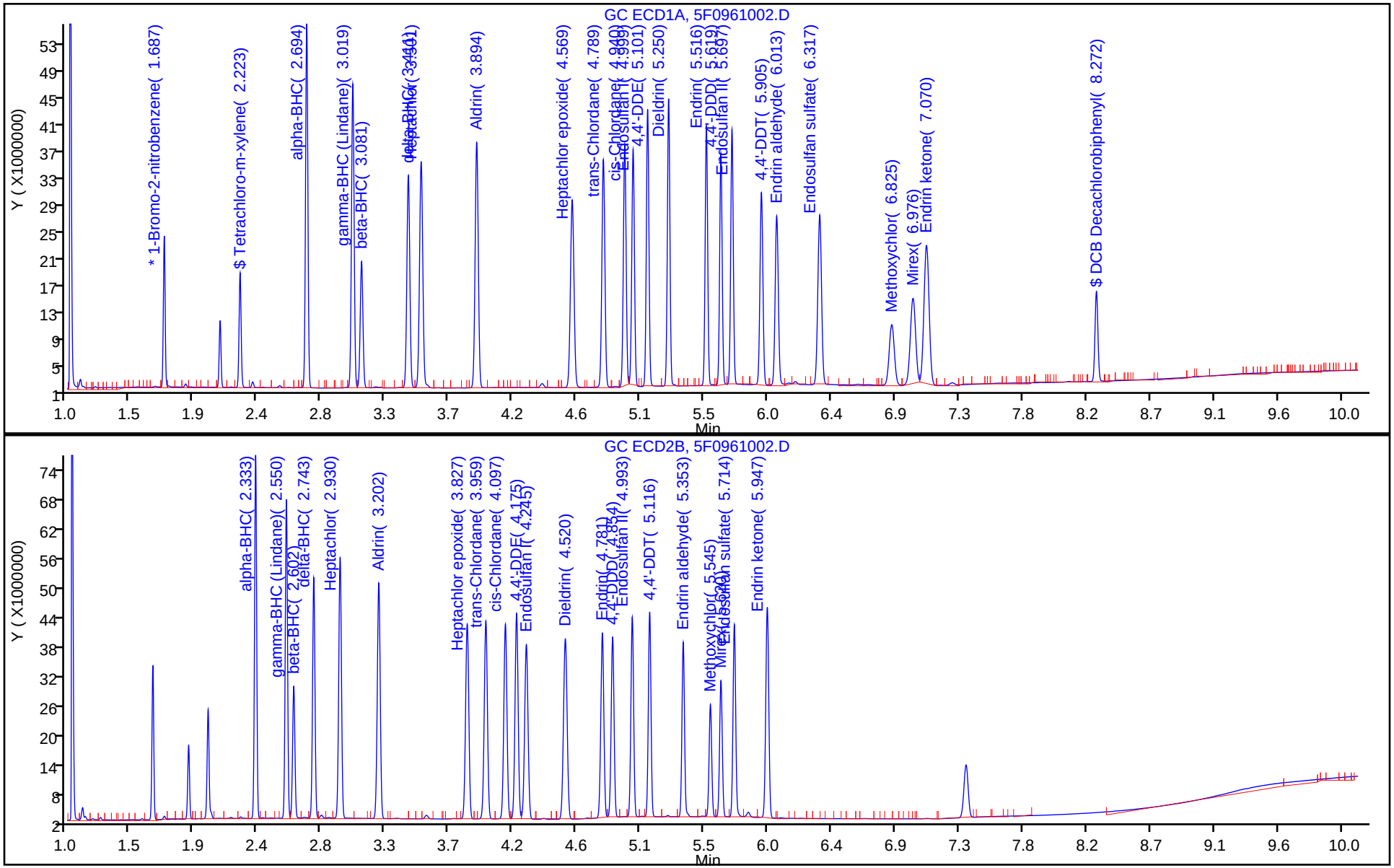
Injection Date: 20-Apr-2023 10:33:34 Instrument ID: CPESTGC5 Operator ID:

Lims ID: LCS 460-903966/2-A Worklist Smp#: 36

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 36

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-903966/3-A

Matrix: Solid | Lab File ID: 5F0961003.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/19/2023 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 04/20/2023 10:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-20-8	*Endrin*	*0.000822*		*0.00050*	*0.0000040*
58-89-9	*gamma-BHC (Lindane)*	*0.000832*		*0.00050*	*0.000012*
76-44-8	*Heptachlor*	*0.000848*		*0.00050*	*0.0000030*
1024-57-3	*Heptachlor epoxide*	*0.000826*		*0.00050*	*0.0000050*
72-43-5	*Methoxychlor*	*0.000962*		*0.00050*	*0.0000040*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	86		15-121
877-09-8	Tetrachloro-m-xylene	80		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961003.D
Lims ID: LCSD 460-903966/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 10:46:32 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-037
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 03:27:11 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.686	1.687	-0.001	19675613	100.0	100.0	
2	1.606	1.606	0.000	26592566	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.222	2.220	0.002	17118950	100.0	80.4	
2	1.996	1.994	0.002	22070609	100.0	93.7	
						RPD = 15.25	
15 alpha-BHC							
1	2.692	2.691	0.001	58139275	200.0	199.4	
2	2.331	2.329	0.002	71994843	200.0	220.4	
						RPD = 9.99	
2 gamma-BHC (Lindane)							
1	3.018	3.016	0.002	54736609	200.0	208.1	
2	2.549	2.546	0.003	68067835	200.0	225.4	
						RPD = 8.00	
6 beta-BHC							
1	3.079	3.078	0.001	23489385	200.0	196.7	
2	2.601	2.598	0.003	28915787	200.0	212.9	
						RPD = 7.92	
32 delta-BHC							
1	3.410	3.409	0.001	43210432	200.0	161.2	
2	2.743	2.740	0.003	54127084	200.0	174.9	
						RPD = 8.17	
18 Heptachlor							
1	3.501	3.499	0.002	50831261	200.0	212.0	
2	2.929	2.925	0.004	66124795	200.0	237.3	
						RPD = 11.28	
8 Aldrin							
1	3.894	3.893	0.001	53107013	200.0	195.4	
2	3.201	3.199	0.002	64555528	200.0	226.9	
						RPD = 14.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.568	4.567	0.001	46029615	200.0	206.5	
2	3.826	3.824	0.002	59459583	200.0	227.1	
						RPD = 9.53	
9 trans-Chlordane							
1	4.789	4.788	0.001	47124028	200.0	208.1	
2	3.959	3.956	0.003	59417128	200.0	231.5	
						RPD = 10.68	
23 cis-Chlordane							
1	4.939	4.939	0.000	45365942	200.0	203.9	
2	4.096	4.094	0.002	57366539	200.0	224.5	
						RPD = 9.59	
7 Endosulfan I							
1	4.999	4.998	0.001	43177134	200.0	202.4	
2	4.244	4.242	0.002	55017564	200.0	224.7	
						RPD = 10.45	
25 4,4'-DDE							
1	5.101	5.101	0.000	49412650	200.0	208.1	
2	4.175	4.173	0.002	60006325	200.0	227.0	
						RPD = 8.67	
30 Dieldrin							
1	5.250	5.249	0.001	50216767	200.0	207.3	
2	4.519	4.517	0.002	61520712	200.0	223.6	
						RPD = 7.55	
20 Endrin							
1	5.516	5.517	-0.001	45067613	200.0	205.4	
2	4.781	4.779	0.002	52558220	200.0	233.8	
						RPD = 12.91	
16 4,4'-DDD							
1	5.619	5.620	-0.001	40404093	200.0	199.9	
2	4.854	4.852	0.002	49074737	200.0	218.9	
						RPD = 9.07	
11 Endosulfan II							
1	5.697	5.698	-0.001	45293452	200.0	205.9	
2	4.993	4.991	0.002	51753384	200.0	220.9	
						RPD = 7.03	
21 4,4'-DDT							
1	5.905	5.906	-0.001	39266452	200.0	235.2	
2	5.116	5.114	0.002	50979672	200.0	236.9	
						RPD = 0.73	
5 Endrin aldehyde							
1	6.013	6.014	-0.001	37215139	200.0	210.8	
2	5.353	5.352	0.001	42919134	200.0	232.3	
						RPD = 9.70	
3 Endosulfan sulfate							
1	6.317	6.317	0.000	44225924	200.0	199.6	
2	5.714	5.714	0.000	49510133	200.0	202.0	
						RPD = 1.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	6.825	6.829	-0.004	21667783	200.0	240.5	
2	5.544	5.544	0.000	27930619	200.0	241.8	
						RPD = 0.56	
34 Mirex							
1	6.976	6.976	0.000	31353564	200.0	182.2	
2	5.619	5.619	0.000	34870038	200.0	188.9	
						RPD = 3.60	
13 Endrin ketone							
1	7.071	7.074	-0.003	49453154	200.0	215.3	
2	5.947	5.946	0.001	59877960	200.0	213.2	
						RPD = 0.99	
$ 24 DCB Decachlorobiphenyl							
1	8.272	8.274	-0.002	18761675	100.0	86.0	
2	7.350	7.351	-0.001	21950758	100.0	88.3	
						RPD = 2.66	

Reagents:

SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 03:28:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961003.D

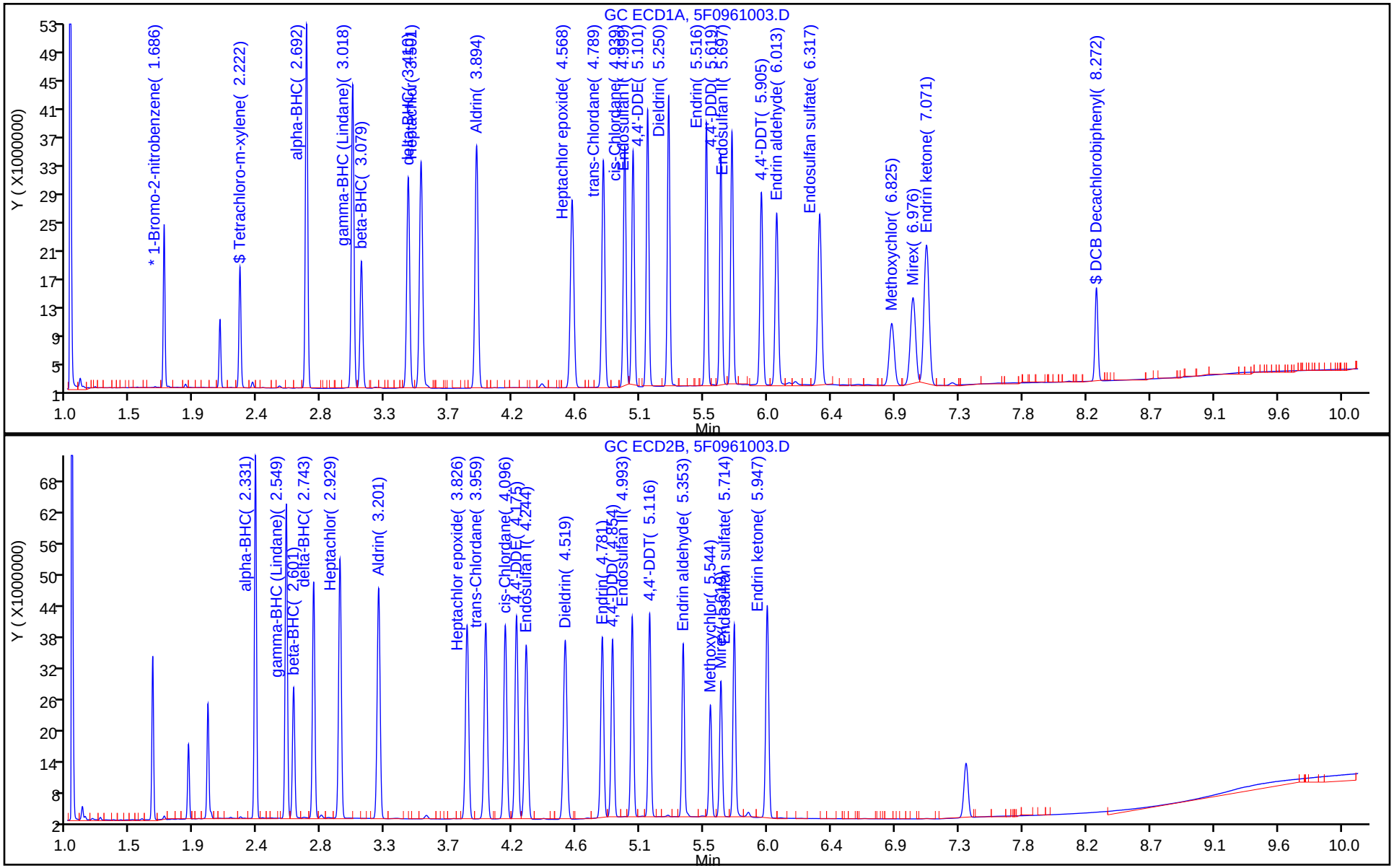
Injection Date: 20-Apr-2023 10:46:32 Instrument ID: CPESTGC5 Operator ID:

Lims ID: LCSD 460-903966/3-A Worklist Smp#: 37

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 37

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

FORM I
PESTICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-903966/3-A

Matrix: Solid | Lab File ID: 5F0961003.D

Analysis Method: 8081B | Date Collected:

Extraction Method: 3510C | Date Extracted: 04/19/2023 10:14

Sample wt/vol: 250(mL) | Date Analyzed: 04/20/2023 10:46

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904119 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
72-20-8	Endrin	0.000935		0.00050	0.0000040
58-89-9	gamma-BHC (Lindane)	0.000902		0.00050	0.000012
76-44-8	Heptachlor	0.000949		0.00050	0.0000030
1024-57-3	Heptachlor epoxide	0.000909		0.00050	0.0000050
72-43-5	Methoxychlor	0.000967		0.00050	0.0000040

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	88		15-121
877-09-8	Tetrachloro-m-xylene	94		17-120

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961003.D
Lims ID: LCSD 460-903966/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 10:46:32 ALS Bottle#: 37 Worklist Smp#: 37
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159327-037
Operator ID: Instrument ID: CPESTGC5

Method: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\GC 5 8081 ISTD.m
Limit Group: GC 8081B PEST ISTD
Last Update: 21-Apr-2023 03:27:11 Calib Date: 17-Apr-2023 14:36:28
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC5\20230417-159175.b\5F0960947.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 37 1-Bromo-2-nitrobenzene							
1	1.686	1.687	-0.001	19675613	100.0	100.0	
2	1.606	1.606	0.000	26592566	100.0	100.0	
						RPD = 0.00	
$ 4 Tetrachloro-m-xylene							
1	2.222	2.220	0.002	17118950	100.0	80.4	
2	1.996	1.994	0.002	22070609	100.0	93.7	
						RPD = 15.25	
15 alpha-BHC							
1	2.692	2.691	0.001	58139275	200.0	199.4	
2	2.331	2.329	0.002	71994843	200.0	220.4	
						RPD = 9.99	
2 gamma-BHC (Lindane)							
1	3.018	3.016	0.002	54736609	200.0	208.1	
2	2.549	2.546	0.003	68067835	200.0	225.4	
						RPD = 8.00	
6 beta-BHC							
1	3.079	3.078	0.001	23489385	200.0	196.7	
2	2.601	2.598	0.003	28915787	200.0	212.9	
						RPD = 7.92	
32 delta-BHC							
1	3.410	3.409	0.001	43210432	200.0	161.2	
2	2.743	2.740	0.003	54127084	200.0	174.9	
						RPD = 8.17	
18 Heptachlor							
1	3.501	3.499	0.002	50831261	200.0	212.0	
2	2.929	2.925	0.004	66124795	200.0	237.3	
						RPD = 11.28	
8 Aldrin							
1	3.894	3.893	0.001	53107013	200.0	195.4	
2	3.201	3.199	0.002	64555528	200.0	226.9	
						RPD = 14.92	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Heptachlor epoxide							
1	4.568	4.567	0.001	46029615	200.0	206.5	
2	3.826	3.824	0.002	59459583	200.0	227.1	
						RPD = 9.53	
9 trans-Chlordane							
1	4.789	4.788	0.001	47124028	200.0	208.1	
2	3.959	3.956	0.003	59417128	200.0	231.5	
						RPD = 10.68	
23 cis-Chlordane							
1	4.939	4.939	0.000	45365942	200.0	203.9	
2	4.096	4.094	0.002	57366539	200.0	224.5	
						RPD = 9.59	
7 Endosulfan I							
1	4.999	4.998	0.001	43177134	200.0	202.4	
2	4.244	4.242	0.002	55017564	200.0	224.7	
						RPD = 10.45	
25 4,4'-DDE							
1	5.101	5.101	0.000	49412650	200.0	208.1	
2	4.175	4.173	0.002	60006325	200.0	227.0	
						RPD = 8.67	
30 Dieldrin							
1	5.250	5.249	0.001	50216767	200.0	207.3	
2	4.519	4.517	0.002	61520712	200.0	223.6	
						RPD = 7.55	
20 Endrin							
1	5.516	5.517	-0.001	45067613	200.0	205.4	
2	4.781	4.779	0.002	52558220	200.0	233.8	
						RPD = 12.91	
16 4,4'-DDD							
1	5.619	5.620	-0.001	40404093	200.0	199.9	
2	4.854	4.852	0.002	49074737	200.0	218.9	
						RPD = 9.07	
11 Endosulfan II							
1	5.697	5.698	-0.001	45293452	200.0	205.9	
2	4.993	4.991	0.002	51753384	200.0	220.9	
						RPD = 7.03	
21 4,4'-DDT							
1	5.905	5.906	-0.001	39266452	200.0	235.2	
2	5.116	5.114	0.002	50979672	200.0	236.9	
						RPD = 0.73	
5 Endrin aldehyde							
1	6.013	6.014	-0.001	37215139	200.0	210.8	
2	5.353	5.352	0.001	42919134	200.0	232.3	
						RPD = 9.70	
3 Endosulfan sulfate							
1	6.317	6.317	0.000	44225924	200.0	199.6	
2	5.714	5.714	0.000	49510133	200.0	202.0	
						RPD = 1.22	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Methoxychlor							
1	6.825	6.829	-0.004	21667783	200.0	240.5	
2	5.544	5.544	0.000	27930619	200.0	241.8	
						RPD = 0.56	
34 Mirex							
1	6.976	6.976	0.000	31353564	200.0	182.2	
2	5.619	5.619	0.000	34870038	200.0	188.9	
						RPD = 3.60	
13 Endrin ketone							
1	7.071	7.074	-0.003	49453154	200.0	215.3	
2	5.947	5.946	0.001	59877960	200.0	213.2	
						RPD = 0.99	
$ 24 DCB Decachlorobiphenyl							
1	8.272	8.274	-0.002	18761675	100.0	86.0	
2	7.350	7.351	-0.001	21950758	100.0	88.3	
						RPD = 2.66	

Reagents:

SGPESTISTD_00020 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 21-Apr-2023 03:28:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC5\20230420-159327.b\5F0961003.D

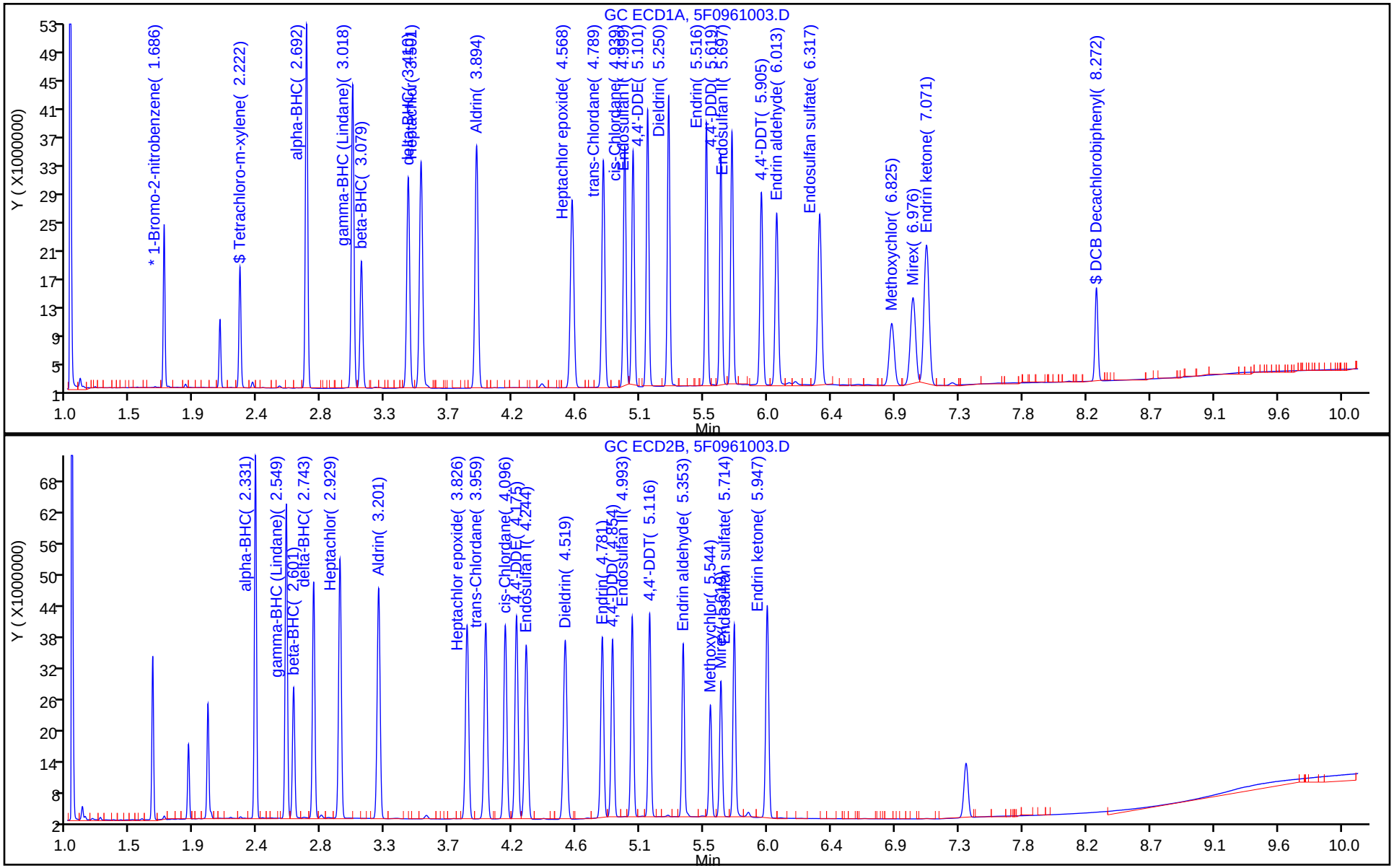
Injection Date: 20-Apr-2023 10:46:32 Instrument ID: CPESTGC5 Operator ID:

Lims ID: LCSD 460-903966/3-A Worklist Smp#: 37

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 37

Method: GC 5 8081 ISTD Limit Group: GC 8081B PEST ISTD



4/26/2023 9:25 PM

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 01/18/2023 08:53

Analysis Batch Number: 888675 End Date: 01/18/2023 14:12

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-888675/1		01/18/2023 08:53	1		CLP-2 0.53(mm)
PIBLK 460-888675/1		01/18/2023 08:53	1		Rtx-CLP 0.53(mm)
PEM 460-888675/2		01/18/2023 09:09	1		CLP-2 0.53(mm)
PEM 460-888675/2		01/18/2023 09:09	1		Rtx-CLP 0.53(mm)
ICIS 460-888675/3		01/18/2023 09:25	1	4F0009503.D	CLP-2 0.53(mm)
ICIS 460-888675/3		01/18/2023 09:25	1	4F0009503.D	Rtx-CLP 0.53(mm)
IC 460-888675/4		01/18/2023 09:41	1	4F0009504.D	CLP-2 0.53(mm)
IC 460-888675/4		01/18/2023 09:41	1	4F0009504.D	Rtx-CLP 0.53(mm)
IC 460-888675/5		01/18/2023 09:57	1	4F0009505.D	CLP-2 0.53(mm)
IC 460-888675/5		01/18/2023 09:57	1	4F0009505.D	Rtx-CLP 0.53(mm)
IC 460-888675/6		01/18/2023 10:12	1	4F0009506.D	CLP-2 0.53(mm)
IC 460-888675/6		01/18/2023 10:12	1	4F0009506.D	Rtx-CLP 0.53(mm)
IC 460-888675/7		01/18/2023 10:28	1	4F0009507.D	CLP-2 0.53(mm)
IC 460-888675/7		01/18/2023 10:28	1	4F0009507.D	Rtx-CLP 0.53(mm)
IC 460-888675/8 ICIS		01/18/2023 10:44	1	4F0009508.D	CLP-2 0.53(mm)
IC 460-888675/8 ICIS		01/18/2023 10:44	1	4F0009508.D	Rtx-CLP 0.53(mm)
ICV 460-888675/9		01/18/2023 11:00	1	4F0009509.D	CLP-2 0.53(mm)
ICV 460-888675/9		01/18/2023 11:00	1	4F0009509.D	Rtx-CLP 0.53(mm)
IC 460-888675/10		01/18/2023 11:16	1		CLP-2 0.53(mm)
IC 460-888675/10		01/18/2023 11:16	1		Rtx-CLP 0.53(mm)
IC 460-888675/11		01/18/2023 11:32	1		CLP-2 0.53(mm)
IC 460-888675/11		01/18/2023 11:32	1		Rtx-CLP 0.53(mm)
IC 460-888675/12 ICIS		01/18/2023 11:48	1	4F0009512.D	CLP-2 0.53(mm)
IC 460-888675/12 ICIS		01/18/2023 11:48	1	4F0009512.D	Rtx-CLP 0.53(mm)
IC 460-888675/13		01/18/2023 12:04	1		CLP-2 0.53(mm)
IC 460-888675/13		01/18/2023 12:04	1		Rtx-CLP 0.53(mm)
IC 460-888675/14		01/18/2023 12:20	1		CLP-2 0.53(mm)
IC 460-888675/14		01/18/2023 12:20	1		Rtx-CLP 0.53(mm)
ICV 460-888675/15		01/18/2023 12:36	1	4F0009515.D	CLP-2 0.53(mm)
ICV 460-888675/15		01/18/2023 12:36	1	4F0009515.D	Rtx-CLP 0.53(mm)
IC 460-888675/16		01/18/2023 12:52	1	4F0009516.D	CLP-2 0.53(mm)
IC 460-888675/16		01/18/2023 12:52	1	4F0009516.D	Rtx-CLP 0.53(mm)
IC 460-888675/17		01/18/2023 13:08	1	4F0009517.D	CLP-2 0.53(mm)
IC 460-888675/17		01/18/2023 13:08	1	4F0009517.D	Rtx-CLP 0.53(mm)
IC 460-888675/18 ICIS		01/18/2023 13:24	1	4F0009518.D	CLP-2 0.53(mm)
IC 460-888675/18 ICIS		01/18/2023 13:24	1	4F0009518.D	Rtx-CLP 0.53(mm)
IC 460-888675/19		01/18/2023 13:40	1	4F0009519.D	CLP-2 0.53(mm)
IC 460-888675/19		01/18/2023 13:40	1	4F0009519.D	Rtx-CLP 0.53(mm)
IC 460-888675/20		01/18/2023 13:56	1	4F0009520.D	CLP-2 0.53(mm)
IC 460-888675/20		01/18/2023 13:56	1	4F0009520.D	Rtx-CLP 0.53(mm)
ICV 460-888675/21		01/18/2023 14:12	1	4F0009521.D	CLP-2 0.53(mm)
ICV 460-888675/21		01/18/2023 14:12	1	4F0009521.D	Rtx-CLP 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 04/21/2023 02:42

Analysis Batch Number: 904358 End Date: 04/21/2023 10:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-904358/1		04/21/2023 02:42	1	4F0011750.D	CLP-2 0.53(mm)
PIBLK 460-904358/1		04/21/2023 02:42	1	4F0011750.D	Rtx-CLP 0.53(mm)
PEM 460-904358/2		04/21/2023 02:58	1	4F0011751.D	CLP-2 0.53(mm)
PEM 460-904358/2		04/21/2023 02:58	1	4F0011751.D	Rtx-CLP 0.53(mm)
CCVIS 460-904358/3		04/21/2023 03:13	1	4F0011752.D	CLP-2 0.53(mm)
CCVIS 460-904358/3		04/21/2023 03:13	1	4F0011752.D	Rtx-CLP 0.53(mm)
CCV 460-904358/4		04/21/2023 03:29	1	4F0011753.D	CLP-2 0.53(mm)
CCV 460-904358/4		04/21/2023 03:29	1	4F0011753.D	Rtx-CLP 0.53(mm)
CCV 460-904358/5		04/21/2023 03:45	1	4F0011754.D	CLP-2 0.53(mm)
CCV 460-904358/5		04/21/2023 03:45	1	4F0011754.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 04:01	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 04:01	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 04:17	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 04:17	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 04:33	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 04:33	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 04:49	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 04:49	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 05:05	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 05:05	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 05:20	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 05:20	1		Rtx-CLP 0.53(mm)
LB 460-904045/1-C		04/21/2023 05:36	1	4F0011761.D	CLP-2 0.53(mm)
LB 460-904045/1-C		04/21/2023 05:36	1	4F0011761.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 05:52	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 05:52	1		Rtx-CLP 0.53(mm)
460-278409-1	WC-A-E-1(0-3)	04/21/2023 06:24	1	4F0011764.D	CLP-2 0.53(mm)
460-278409-1	WC-A-E-1(0-3)	04/21/2023 06:24	1	4F0011764.D	Rtx-CLP 0.53(mm)
460-278409-7	WC-A-E-2(0-3)	04/21/2023 06:40	1	4F0011765.D	CLP-2 0.53(mm)
460-278409-7	WC-A-E-2(0-3)	04/21/2023 06:40	1	4F0011765.D	Rtx-CLP 0.53(mm)
460-278409-13	WC-A-E-3(0-3)	04/21/2023 06:56	1	4F0011766.D	CLP-2 0.53(mm)
460-278409-13	WC-A-E-3(0-3)	04/21/2023 06:56	1	4F0011766.D	Rtx-CLP 0.53(mm)
460-278409-19	WC-A-E-4(0-3)	04/21/2023 07:12	1	4F0011767.D	CLP-2 0.53(mm)
460-278409-19	WC-A-E-4(0-3)	04/21/2023 07:12	1	4F0011767.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 07:28	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 07:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 07:43	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 07:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 07:59	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 07:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 08:15	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 08:15	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 08:41	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 08:41	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 08:57	1		CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC4 Start Date: 04/21/2023 02:42

Analysis Batch Number: 904358 End Date: 04/21/2023 10:16

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/21/2023 08:57	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 09:28	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 09:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 10:00	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 10:00	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/21/2023 10:16	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 10:16	1		Rtx-CLP 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC5 Start Date: 04/17/2023 10:30

Analysis Batch Number: 903463 End Date: 04/17/2023 14:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-903463/1		04/17/2023 10:30	1		CLP-2 0.53(mm)
PIBLK 460-903463/1		04/17/2023 10:30	1		Rtx-CLP 0.53(mm)
PEM 460-903463/2		04/17/2023 10:42	1		CLP-2 0.53(mm)
PEM 460-903463/2		04/17/2023 10:42	1		Rtx-CLP 0.53(mm)
ICIS 460-903463/3		04/17/2023 10:55	1	5F0960930.D	CLP-2 0.53(mm)
ICIS 460-903463/3		04/17/2023 10:55	1	5F0960930.D	Rtx-CLP 0.53(mm)
IC 460-903463/4		04/17/2023 11:08	1	5F0960931.D	CLP-2 0.53(mm)
IC 460-903463/4		04/17/2023 11:08	1	5F0960931.D	Rtx-CLP 0.53(mm)
IC 460-903463/5		04/17/2023 11:21	1	5F0960932.D	CLP-2 0.53(mm)
IC 460-903463/5		04/17/2023 11:21	1	5F0960932.D	Rtx-CLP 0.53(mm)
IC 460-903463/6		04/17/2023 11:34	1	5F0960933.D	CLP-2 0.53(mm)
IC 460-903463/6		04/17/2023 11:34	1	5F0960933.D	Rtx-CLP 0.53(mm)
IC 460-903463/7		04/17/2023 11:47	1	5F0960934.D	CLP-2 0.53(mm)
IC 460-903463/7		04/17/2023 11:47	1	5F0960934.D	Rtx-CLP 0.53(mm)
IC 460-903463/8 ICIS		04/17/2023 12:00	1	5F0960935.D	CLP-2 0.53(mm)
IC 460-903463/8 ICIS		04/17/2023 12:00	1	5F0960935.D	Rtx-CLP 0.53(mm)
ICV 460-903463/9		04/17/2023 12:13	1	5F0960936.D	CLP-2 0.53(mm)
ICV 460-903463/9		04/17/2023 12:13	1	5F0960936.D	Rtx-CLP 0.53(mm)
IC 460-903463/10		04/17/2023 12:26	1		CLP-2 0.53(mm)
IC 460-903463/10		04/17/2023 12:26	1		Rtx-CLP 0.53(mm)
IC 460-903463/11		04/17/2023 12:39	1		CLP-2 0.53(mm)
IC 460-903463/11		04/17/2023 12:39	1		Rtx-CLP 0.53(mm)
IC 460-903463/12 ICIS		04/17/2023 12:52	1	5F0960939.D	CLP-2 0.53(mm)
IC 460-903463/12 ICIS		04/17/2023 12:52	1	5F0960939.D	Rtx-CLP 0.53(mm)
IC 460-903463/13		04/17/2023 13:05	1		CLP-2 0.53(mm)
IC 460-903463/13		04/17/2023 13:05	1		Rtx-CLP 0.53(mm)
IC 460-903463/14		04/17/2023 13:18	1		CLP-2 0.53(mm)
IC 460-903463/14		04/17/2023 13:18	1		Rtx-CLP 0.53(mm)
ICV 460-903463/15		04/17/2023 13:31	1	5F0960942.D	CLP-2 0.53(mm)
ICV 460-903463/15		04/17/2023 13:31	1	5F0960942.D	Rtx-CLP 0.53(mm)
IC 460-903463/16		04/17/2023 13:44	1	5F0960943.D	CLP-2 0.53(mm)
IC 460-903463/16		04/17/2023 13:44	1	5F0960943.D	Rtx-CLP 0.53(mm)
IC 460-903463/17		04/17/2023 13:57	1	5F0960944.D	CLP-2 0.53(mm)
IC 460-903463/17		04/17/2023 13:57	1	5F0960944.D	Rtx-CLP 0.53(mm)
IC 460-903463/18 ICIS		04/17/2023 14:10	1	5F0960945.D	CLP-2 0.53(mm)
IC 460-903463/18 ICIS		04/17/2023 14:10	1	5F0960945.D	Rtx-CLP 0.53(mm)
IC 460-903463/19		04/17/2023 14:23	1	5F0960946.D	CLP-2 0.53(mm)
IC 460-903463/19		04/17/2023 14:23	1	5F0960946.D	Rtx-CLP 0.53(mm)
IC 460-903463/20		04/17/2023 14:36	1	5F0960947.D	CLP-2 0.53(mm)
IC 460-903463/20		04/17/2023 14:36	1	5F0960947.D	Rtx-CLP 0.53(mm)
ICV 460-903463/21		04/17/2023 14:49	1	5F0960948.D	CLP-2 0.53(mm)
ICV 460-903463/21		04/17/2023 14:49	1	5F0960948.D	Rtx-CLP 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC5 Start Date: 04/20/2023 02:59

Analysis Batch Number: 904119 End Date: 04/20/2023 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-904119/1		04/20/2023 02:59	1	5F0960967.D	CLP-2 0.53(mm)
PIBLK 460-904119/1		04/20/2023 02:59	1	5F0960967.D	Rtx-CLP 0.53(mm)
PEM 460-904119/2		04/20/2023 03:12	1	5F0960968.D	CLP-2 0.53(mm)
PEM 460-904119/2		04/20/2023 03:12	1	5F0960968.D	Rtx-CLP 0.53(mm)
CCVIS 460-904119/3		04/20/2023 03:25	1	5F0960969.D	CLP-2 0.53(mm)
CCVIS 460-904119/3		04/20/2023 03:25	1	5F0960969.D	Rtx-CLP 0.53(mm)
CCV 460-904119/4		04/20/2023 03:38	1	5F0960970.D	CLP-2 0.53(mm)
CCV 460-904119/4		04/20/2023 03:38	1	5F0960970.D	Rtx-CLP 0.53(mm)
CCV 460-904119/5		04/20/2023 03:51	1	5F0960971.D	CLP-2 0.53(mm)
CCV 460-904119/5		04/20/2023 03:51	1	5F0960971.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 04:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 04:04	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 04:17	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 04:17	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 04:43	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 04:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 04:56	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 04:56	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 05:09	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 05:09	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 05:22	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 05:22	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 05:34	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 05:34	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 05:47	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 05:47	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 06:00	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 06:00	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 06:13	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 06:13	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 06:26	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 06:26	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 06:39	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 06:39	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 06:52	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 06:52	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 07:05	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:05	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 07:18	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:18	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 07:31	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:31	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 07:44	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:44	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 07:57	1		CLP-2 0.53(mm)

PESTICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC5 Start Date: 04/20/2023 02:59

Analysis Batch Number: 904119 End Date: 04/20/2023 13:09

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/20/2023 07:57	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 08:10	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 08:10	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 08:23	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 08:23	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 08:36	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 08:36	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 08:49	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 08:49	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 09:02	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 09:02	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 09:15	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 09:15	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 09:28	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 09:28	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 09:41	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 09:41	1		Rtx-CLP 0.53(mm)
MB 460-903966/1-A		04/20/2023 10:20	1	5F0961001.D	CLP-2 0.53(mm)
MB 460-903966/1-A		04/20/2023 10:20	1	5F0961001.D	Rtx-CLP 0.53(mm)
LCS 460-903966/2-A		04/20/2023 10:33	1	5F0961002.D	CLP-2 0.53(mm)
LCS 460-903966/2-A		04/20/2023 10:33	1	5F0961002.D	Rtx-CLP 0.53(mm)
LCSD 460-903966/3-A		04/20/2023 10:46	1	5F0961003.D	CLP-2 0.53(mm)
LCSD 460-903966/3-A		04/20/2023 10:46	1	5F0961003.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 10:59	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:59	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:12	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:12	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:25	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:25	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:38	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:38	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:51	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:51	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 12:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:04	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 12:17	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:17	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 12:30	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:30	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 12:43	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:43	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 12:56	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:56	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 13:09	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 13:09	1		Rtx-CLP 0.53(mm)

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 888675 Batch Start Date: 01/18/23 08:53 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SG2,4,5-TP 00021	SGCHLOR ICV 00010	SGCHLORDANEL4 00012	SGPESTISTD 00020	SGPESTL1 00034
ICIS 460-888675/3		8081B		1 mL				20 uL	
IC 460-888675/4		8081B		1 mL				20 uL	1 mL
IC 460-888675/5		8081B		1 mL				20 uL	
IC 460-888675/6		8081B		1 mL				20 uL	
IC 460-888675/7		8081B		1 mL				20 uL	
IC 460-888675/8 ICIS		8081B		1 mL	1 mL			20 uL	
ICV 460-888675/9		8081B		1 mL				20 uL	
IC 460-888675/12 ICIS		8081B		1 mL			1 mL	20 uL	
ICV 460-888675/15		8081B		1 mL		1 mL		20 uL	
IC 460-888675/16		8081B		1 mL				20 uL	
IC 460-888675/17		8081B		1 mL				20 uL	
IC 460-888675/18 ICIS		8081B		1 mL				20 uL	
IC 460-888675/19		8081B		1 mL				20 uL	
IC 460-888675/20		8081B		1 mL				20 uL	
ICV 460-888675/21		8081B		1 mL				20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTL2 00045	SGPESTL3 00043	SGPESTL4 00040	SGPESTL5 00041	SGPTICV 00047	SGTOX ICV 00016
ICIS 460-888675/3		8081B			1 mL				
IC 460-888675/4		8081B							
IC 460-888675/5		8081B		1 mL					
IC 460-888675/6		8081B				1 mL			
IC 460-888675/7		8081B					1 mL		
IC 460-888675/8 ICIS		8081B							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 888675 Batch Start Date: 01/18/23 08:53 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTL2 00045	SGPESTL3 00043	SGPESTL4 00040	SGPESTL5 00041	SGPTICV 00047	SGTOX ICV 00016
ICV 460-888675/9		8081B						1 mL	
IC 460-888675/12 ICIS		8081B							
ICV 460-888675/15		8081B							
IC 460-888675/16		8081B							
IC 460-888675/17		8081B							
IC 460-888675/18 ICIS		8081B							
IC 460-888675/19		8081B							
IC 460-888675/20		8081B							
ICV 460-888675/21		8081B							1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTOXAPHENEL1 00011	SGTOXAPHENEL3 00010	SGTOXAPHENEL4 00011	SGTOXAPHENEL5 00010	SGTOXAPHENEL6 00010	
ICIS 460-888675/3		8081B							
IC 460-888675/4		8081B							
IC 460-888675/5		8081B							
IC 460-888675/6		8081B							
IC 460-888675/7		8081B							
IC 460-888675/8 ICIS		8081B							
ICV 460-888675/9		8081B							
IC 460-888675/12 ICIS		8081B							
ICV 460-888675/15		8081B							
IC 460-888675/16		8081B		1 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 888675 Batch Start Date: 01/18/23 08:53 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTOXAPHENEL1 00011	SGTOXAPHENEL3 00010	SGTOXAPHENEL4 00011	SGTOXAPHENEL5 00010	SGTOXAPHENEL6 00010	
IC 460-888675/17		8081B			1 mL				
IC 460-888675/18 ICIS		8081B				1 mL			
IC 460-888675/19		8081B					1 mL		
IC 460-888675/20		8081B						1 mL	
ICV 460-888675/21		8081B							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903463 Batch Start Date: 04/17/23 10:30 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SG2,4,5-TP 00022	SGCHLOR ICV 00010	SGCHLORDANEL4 00012	SGPESTISTD 00020	SGPESTL1 00034
ICIS 460-903463/3		8081B		1 mL				20 uL	
IC 460-903463/4		8081B		1 mL				20 uL	1 mL
IC 460-903463/5		8081B		1 mL				20 uL	
IC 460-903463/6		8081B		1 mL				20 uL	
IC 460-903463/7		8081B		1 mL				20 uL	
IC 460-903463/8 ICIS		8081B		1 mL	1 mL			20 uL	
ICV 460-903463/9		8081B		1 mL				20 uL	
IC 460-903463/12 ICIS		8081B		1 mL			1 mL	20 uL	
ICV 460-903463/15		8081B		1 mL		1 mL		20 uL	
IC 460-903463/16		8081B		1 mL				20 uL	
IC 460-903463/17		8081B		1 mL				20 uL	
IC 460-903463/18 ICIS		8081B		1 mL				20 uL	
IC 460-903463/19		8081B		1 mL				20 uL	
IC 460-903463/20		8081B		1 mL				20 uL	
ICV 460-903463/21		8081B		1 mL				20 uL	

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTL2 00045	SGPESTL3 00043	SGPESTL4 00040	SGPESTL5 00041	SGPTICV 00047	SGTOX ICV 00016
ICIS 460-903463/3		8081B			1 mL				
IC 460-903463/4		8081B							
IC 460-903463/5		8081B		1 mL					
IC 460-903463/6		8081B				1 mL			
IC 460-903463/7		8081B					1 mL		
IC 460-903463/8 ICIS		8081B							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903463 Batch Start Date: 04/17/23 10:30 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGPESTL2 00045	SGPESTL3 00043	SGPESTL4 00040	SGPESTL5 00041	SGPTICV 00047	SGTOX ICV 00016
ICV 460-903463/9		8081B						1 mL	
IC 460-903463/12 ICIS		8081B							
ICV 460-903463/15		8081B							
IC 460-903463/16		8081B							
IC 460-903463/17		8081B							
IC 460-903463/18 ICIS		8081B							
IC 460-903463/19		8081B							
IC 460-903463/20		8081B							
ICV 460-903463/21		8081B							1 mL

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTOXAPHENEL1 00011	SGTOXAPHENEL3 00010	SGTOXAPHENEL4 00011	SGTOXAPHENEL5 00010	SGTOXAPHENEL6 00010	
ICIS 460-903463/3		8081B							
IC 460-903463/4		8081B							
IC 460-903463/5		8081B							
IC 460-903463/6		8081B							
IC 460-903463/7		8081B							
IC 460-903463/8 ICIS		8081B							
ICV 460-903463/9		8081B							
IC 460-903463/12 ICIS		8081B							
ICV 460-903463/15		8081B							
IC 460-903463/16		8081B		1 mL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903463 Batch Start Date: 04/17/23 10:30 Batch Analyst: Manlangit, Ferdie

Batch Method: 8081B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTOXAPHENEL1 00011	SGTOXAPHENEL3 00010	SGTOXAPHENEL4 00011	SGTOXAPHENEL5 00010	SGTOXAPHENEL6 00010	
IC 460-903463/17		8081B			1 mL				
IC 460-903463/18 ICIS		8081B				1 mL			
IC 460-903463/19		8081B					1 mL		
IC 460-903463/20		8081B						1 mL	
ICV 460-903463/21		8081B							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903966 Batch Start Date: 04/19/23 10:14 Batch Analyst: Huma, Zill E

Batch Method: 3510C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	OP_PESTSP_LVI 00029	OPPSPCBSU_LVI 00020	AnalysisComment
MB 460-903966/1		3510C, 8081B		250 mL	1 mL	7 SU		50 uL	
LCS 460-903966/2		3510C, 8081B		250 mL	1 mL	7 SU	50 uL	50 uL	
LCSD 460-903966/3		3510C, 8081B		250 mL	1 mL	7 SU	50 uL	50 uL	
LB 460-904045/1-A		3510C, 8081B		250 mL	1 mL	5 SU		50 uL	Added sample
460-278409-M-1-A	WC-A-E-1(0-3)	3510C, 8081B	P	250 mL	1 mL			50 uL	Added sample
460-278409-M-7-A	WC-A-E-2(0-3)	3510C, 8081B	P	250 mL	1 mL			50 uL	Added sample
460-278409-M-13-A	WC-A-E-3(0-3)	3510C, 8081B	P	250 mL	1 mL			50 uL	Added sample
460-278409-M-19-A	WC-A-E-4(0-3)	3510C, 8081B	P	250 mL	1 mL			50 uL	Added sample

Batch Notes	
Method/Fraction	3510C_LVI / 8081B
pH Indicator ID	HC-291590
Analyst ID - Extraction	Jose
Analyst ID - Spike Analyst	Jose
Analyst ID - Spike Witness Analyst	AA
Sufficient Volume for Batch QC	Yes
Prep Solvent ID	Methylene Chloride: 1062011
Na2SO4 ID	217726
Analyst ID - Concentration	Jose
Equipment ID - Concentration 1	31869
Thermometer ID - Concentration 1	31869
Concentration 1 Uncorrected Temperature	35 Degrees C
Concentration 1 Corrected Temperature	35 Degrees C
Exchange Solvent ID	Hexane: 2262015
Vial Lot Number	21086154A
Batch Comment	PEST Water

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903966 Batch Start Date: 04/19/23 10:14 Batch Analyst: Huma, Zill E

Batch Method: 3510C Batch End Date:

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904045 Batch Start Date: 04/19/23 16:08 Batch Analyst: Hu, Youhao

Batch Method: 1311 Batch End Date: 04/20/23 08:08

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VesselNumber	EFD_InitialpH	EFD_AddHClpH>5	FiltCompDate
LB 460-904045/1		1311, 3510C, 8081B		100.00 g	2000 mL	19	4.92 SU		04/20/23
460-278409-M-1	WC-A-E-1(0-3)	1311, 3510C, 8081B	P	100.03 g	2000 mL	30	7.12 SU	1.39	04/20/23
460-278409-M-7	WC-A-E-2(0-3)	1311, 3510C, 8081B	P	100.05 g	2000 mL	31	6.58 SU	1.40	04/20/23
460-278409-M-13	WC-A-E-3(0-3)	1311, 3510C, 8081B	P	100.06 g	2000 mL	32	5.26 SU	1.37	04/20/23
460-278409-M-19	WC-A-E-4(0-3)	1311, 3510C, 8081B	P	100.02 g	2000 mL	33	7.73 SU	1.34	04/20/23

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-904045/1		1311, 3510C, 8081B		0830	4.94 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-1	WC-A-E-1(0-3)	1311, 3510C, 8081B	P	0920	4.98 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-7	WC-A-E-2(0-3)	1311, 3510C, 8081B	P	0925	4.98 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-13	WC-A-E-3(0-3)	1311, 3510C, 8081B	P	0930	4.94 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-19	WC-A-E-4(0-3)	1311, 3510C, 8081B	P	0935	5.04 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PESTICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904045 Batch Start Date: 04/19/23 16:08 Batch Analyst: Hu, Youhao

Batch Method: 1311 Batch End Date: 04/20/23 08:08

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	B
Room Temperature Thermometer ID	Ambient ID S72864; Temp 22.6
TCLP Fluid 1 ID	TF1041323; Prep. on 04/13/23; exp. on 10/13/23
TCLP Fluid 1 pH	4.92
1N HCl ID	1N HCl, TCLP 3101, Exp. 8/11/2023
Filter ID	Env. Express/400204-2342-T
Uncorrected Maximum Temperature	22.1 Degrees C
Maximum Temperature	22.1 Degrees C
Uncorrected Minimum Temperature	22.9 Degrees C
Minimum Temperature	22.9 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8082A

Polychlorinated Biphenyls (PCBs) by Gas Chromatography

FORM II
PCBS SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Low

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	TCX1 #	TCX2 #	DCBP1 #	DCBP2 #
WC-A-E-1(0-3)	460-278409-1	101	107	111	123
WC-A-E-2(0-3)	460-278409-7	119	107	122	108
WC-A-E-3(0-3)	460-278409-13	106	94	109	101
WC-A-E-4(0-3)	460-278409-19	114	100	114	103
	MB 460-904040/1-A	80		81	
	LCS 460-904040/2-A	80		81	
	LCSD 460-904040/3-A	80		81	

	QC LIMITS
TCX = Tetrachloro-m-xylene	42-150
DCBP = DCB Decachlorobiphenyl	10-150

Column to be used to flag recovery values

FORM II 8082A

FORM III
PCBS LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 11F0020139.D

Lab ID: LCS 460-904040/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCS CONCENTRATION (mg/Kg)	LCS % REC	QC LIMITS REC	#
Aroclor 1016	0.333	0.276	83	65-133	
Aroclor 1016	0.333	0.310	93	65-133	
Aroclor 1260	0.333	0.289	87	67-150	
Aroclor 1260	0.333	0.298	89	67-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM III
PCBS LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid Level: Low Lab File ID: 11F0020140.D

Lab ID: LCSD 460-904040/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/Kg)	LCSD CONCENTRATION (mg/Kg)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
Aroclor 1016	0.333	0.272	82	13	30	65-133	
Aroclor 1016	0.333	0.307	92	1	30	65-133	
Aroclor 1260	0.333	0.276	83	8	30	67-150	
Aroclor 1260	0.333	0.299	90	0	30	67-150	

Column to be used to flag recovery and RPD values

FORM III 8082A

FORM IV
PCBS METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: MB 460-904040/1-A

Matrix: Solid Date Extracted: 04/19/2023 16:49

Lab File ID:(1) 11F0020138.D Lab File ID:(2) 11F0020138.D

Date Analyzed:(1) 04/20/2023 06:11 Date Analyzed:(2) 04/20/2023 06:11

Instrument ID:(1) CPESTGC11 Instrument ID:(2) CPESTGC11

GC Column:(1) Rtx-CLP ID: 0.53(mm) GC Column:(2) CLP-2 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-904040/2-A	04/20/2023 06:27	04/20/2023 06:27
	LCSD 460-904040/3-A	04/20/2023 06:44	04/20/2023 06:44
WC-A-E-1(0-3)	460-278409-1	04/20/2023 09:12	04/20/2023 09:12
WC-A-E-2(0-3)	460-278409-7	04/20/2023 09:29	04/20/2023 09:29
WC-A-E-3(0-3)	460-278409-13	04/20/2023 09:46	04/20/2023 09:46
WC-A-E-4(0-3)	460-278409-19	04/20/2023 10:02	04/20/2023 10:02

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-880106/7 Date Analyzed: 11/28/2022 15:36

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 11F0016504.D Heated Purge: (Y/N) N

Calibration ID: 91720

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		29006477	1.44				
UPPER LIMIT		58012954	1.51				
LOWER LIMIT		14503239	1.37				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-880106/10		37332365	1.44				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-880106/7 Date Analyzed: 11/28/2022 15:36

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 11F0016504.D Heated Purge: (Y/N) N

Calibration ID: 91721

		BNB					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		19190305	1.32				
UPPER LIMIT		38380610	1.39				
LOWER LIMIT		9595153	1.25				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 460-880106/10		23549564	1.32				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904129/2 Date Analyzed: 04/20/2023 05:04

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 11F0020134.D Heated Purge: (Y/N) N

Calibration ID: 91762

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		41065078	1.42				
UPPER LIMIT		82130156	1.49				
LOWER LIMIT		20532539	1.35				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-904040/1-A		47241992	1.42				
LCS 460-904040/2-A		48203555	1.41				
LCSD 460-904040/3-A		48657762	1.42				
460-278409-1	WC-A-E-1(0-3)	28846856	1.43				
460-278409-7	WC-A-E-2(0-3)	36662235	1.42				
460-278409-13	WC-A-E-3(0-3)	36743902	1.42				
460-278409-19	WC-A-E-4(0-3)	34616195	1.42				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
PCBS INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVIS 460-904129/2 Date Analyzed: 04/20/2023 05:04

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm)

Lab File ID (Standard): 11F0020134.D Heated Purge: (Y/N) N

Calibration ID: 91763

		BNB					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		25350906	1.29				
UPPER LIMIT		50701812	1.36				
LOWER LIMIT		12675453	1.22				
LAB SAMPLE ID	CLIENT SAMPLE ID						
MB 460-904040/1-A		29592362	1.29				
LCS 460-904040/2-A		30377426	1.29				
LCSD 460-904040/3-A		29672542	1.29				
460-278409-1	WC-A-E-1(0-3)	21211104	1.28				
460-278409-7	WC-A-E-2(0-3)	23013956	1.29				
460-278409-13	WC-A-E-3(0-3)	23678581	1.29				
460-278409-19	WC-A-E-4(0-3)	22296813	1.29				

BNB = 1-Bromo-2-nitrobenzene

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.07 minutes of internal standard RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-904040/2-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 04/20/2023 06:27 Date Analyzed (2): 04/20/2023 06:27

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.30	2.27	2.33	0.319	0.310	11.7
		2	2.67	2.64	2.70	0.304		
		3	2.88	2.85	2.91	0.317		
		4	3.17	3.15	3.21	0.277		
		5	3.32	3.29	3.35	0.311		
		6	3.39	3.36	3.42	0.314		
		7	3.79	3.76	3.82	0.306		
		8	4.22	4.19	4.25	0.336		
	2	1	2.86	2.84	2.90	0.272	0.276	
		2	3.35	3.32	3.38	0.252		
		3	3.89	3.87	3.93	0.258		
		4	4.06	4.03	4.09	0.267		
		5	4.18	4.16	4.22	0.266		
		6	4.63	4.61	4.67	0.274		
		7	4.78	4.76	4.82	0.305		
		8	5.15	5.12	5.18	0.314		
Aroclor 1260	1	1	5.20	5.17	5.23	0.261	0.298	2.9
		2	5.54	5.51	5.57	0.308		
		3	6.05	6.03	6.09	0.302		
		4	6.40	6.37	6.43	0.305		
		5	6.89	6.86	6.92	0.298		
		6	7.35	7.33	7.39	0.305		
		7	7.51	7.48	7.54	0.298		
		8	8.57	8.54	8.60	0.306		
	2	1	6.04	6.02	6.08	0.298	0.289	
		2	6.28	6.26	6.32	0.282		
		3	6.61	6.59	6.65	0.289		
		4	7.38	7.36	7.42	0.290		
		5	7.94	7.92	7.98	0.285		
		6	8.46	8.44	8.50	0.288		
		7	9.26	9.24	9.30	0.293		
		8	10.18	10.15	10.21	0.287		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-904040/3-A

Instrument ID (1): CPESTGC11 Instrument ID (2): CPESTGC11

Date Analyzed (1): 04/20/2023 06:44 Date Analyzed (2): 04/20/2023 06:44

GC Column (1): Rtx-CLP ID: 0.53(mm) GC Column (2): CLP-2 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
Aroclor 1016	1	1	2.30	2.27	2.33	0.306	0.307	12.0
		2	2.67	2.64	2.70	0.298		
		3	2.88	2.85	2.91	0.311		
		4	3.18	3.15	3.21	0.279		
		5	3.32	3.29	3.35	0.311		
		6	3.39	3.36	3.42	0.310		
		7	3.79	3.76	3.82	0.306		
		8	4.22	4.19	4.25	0.335		
	2	1	2.86	2.84	2.90	0.287	0.272	
		2	3.35	3.32	3.38	0.264		
		3	3.89	3.87	3.93	0.254		
		4	4.06	4.03	4.09	0.259		
		5	4.18	4.16	4.22	0.256		
		6	4.63	4.61	4.67	0.266		
		7	4.78	4.76	4.82	0.293		
		8	5.15	5.12	5.18	0.299		
Aroclor 1260	1	1	5.20	5.17	5.23	0.263	0.299	8.1
		2	5.54	5.51	5.57	0.311		
		3	6.06	6.03	6.09	0.303		
		4	6.40	6.37	6.43	0.305		
		5	6.89	6.86	6.92	0.299		
		6	7.36	7.33	7.39	0.307		
		7	7.51	7.48	7.54	0.298		
		8	8.57	8.54	8.60	0.308		
	2	1	6.04	6.02	6.08	0.282	0.276	
		2	6.28	6.26	6.32	0.269		
		3	6.61	6.59	6.65	0.276		
		4	7.38	7.36	7.42	0.277		
		5	7.94	7.92	7.98	0.273		
		6	8.46	8.44	8.50	0.275		
		7	9.26	9.24	9.30	0.278		
		8	10.18	10.15	10.21	0.278		

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) Lab Sample ID: 460-278409-1

Matrix: Solid Lab File ID: 11F0020145.D

Analysis Method: 8082A Date Collected: 04/17/2023 13:40

Extraction Method: 3546 Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.07(g) Date Analyzed: 04/20/2023 09:12

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.2 % Solids: 90.8 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	123		10-150
877-09-8	Tetrachloro-m-xylene	107		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020145.D
Lims ID: 460-278409-F-1-A
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 09:12:38 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-013
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 10:19:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:17:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.425	1.417	0.008	28846856	20.0	
2	1.284	1.287	-0.003	21211104	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.305	2.276	0.029	78204235	53.7	
2	1.942	1.927	0.015	52834098	50.3	
					RPD = 6.53	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.824	10.798	0.026	98389292	61.6	
2	9.587	9.574	0.013	48519139	55.5	
					RPD = 10.26	

Reagents:

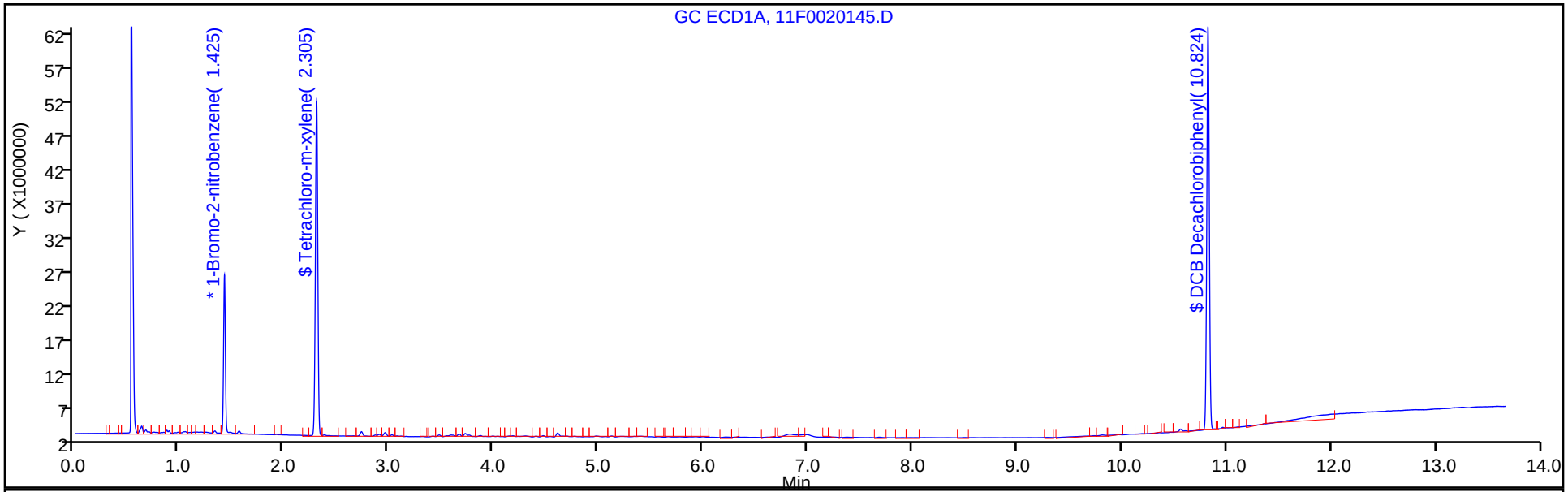
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

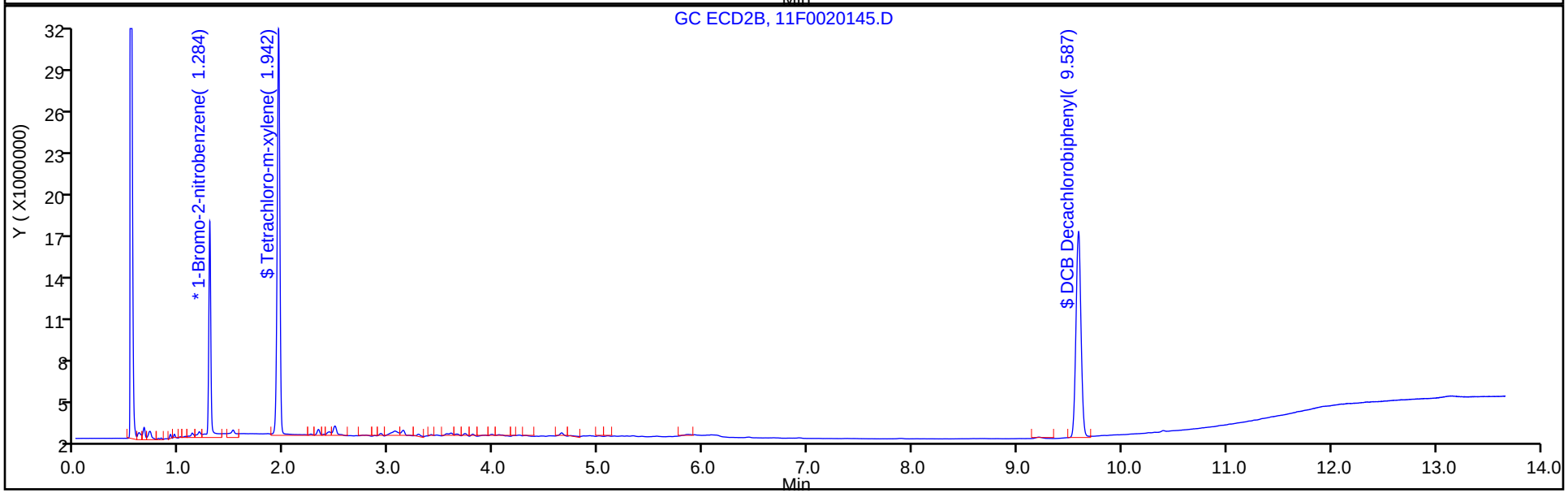
Report Date: 20-Apr-2023 10:19:33 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020145.D

Injection Date:	20-Apr-2023 09:12:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-F-1-A	Lab Sample ID:	460-278409-1	Worklist Smp#:	13
Client ID:	WC-A-E-1(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) | Lab Sample ID: 460-278409-1

Matrix: Solid | Lab File ID: 11F0020145.D

Analysis Method: 8082A | Date Collected: 04/17/2023 13:40

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.07(g) | Date Analyzed: 04/20/2023 09:12

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.2 % Solids: 90.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.020	U	0.073	0.020
11104-28-2	Aroclor 1221	0.020	U	0.073	0.020
11141-16-5	Aroclor 1232	0.020	U	0.073	0.020
53469-21-9	Aroclor 1242	0.020	U	0.073	0.020
12672-29-6	Aroclor 1248	0.020	U	0.073	0.020
11097-69-1	Aroclor 1254	0.020	U	0.073	0.020
11096-82-5	Aroclor 1260	0.020	U	0.073	0.020
11100-14-4	Aroclor 1268	0.020	U	0.073	0.020
37324-23-5	Aroclor-1262	0.020	U	0.073	0.020
1336-36-3	Polychlorinated biphenyls, Total	0.020	U	0.073	0.020

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	111		10-150
877-09-8	Tetrachloro-m-xylene	101		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020145.D
Lims ID: 460-278409-F-1-A
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 09:12:38 ALS Bottle#: 13 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-013
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 10:19:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:17:12

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.425	1.417	0.008	28846856	20.0	
2	1.284	1.287	-0.003	21211104	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.305	2.276	0.029	78204235	53.7	
2	1.942	1.927	0.015	52834098	50.3	
					RPD = 6.53	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.824	10.798	0.026	98389292	61.6	
2	9.587	9.574	0.013	48519139	55.5	
					RPD = 10.26	

Reagents:

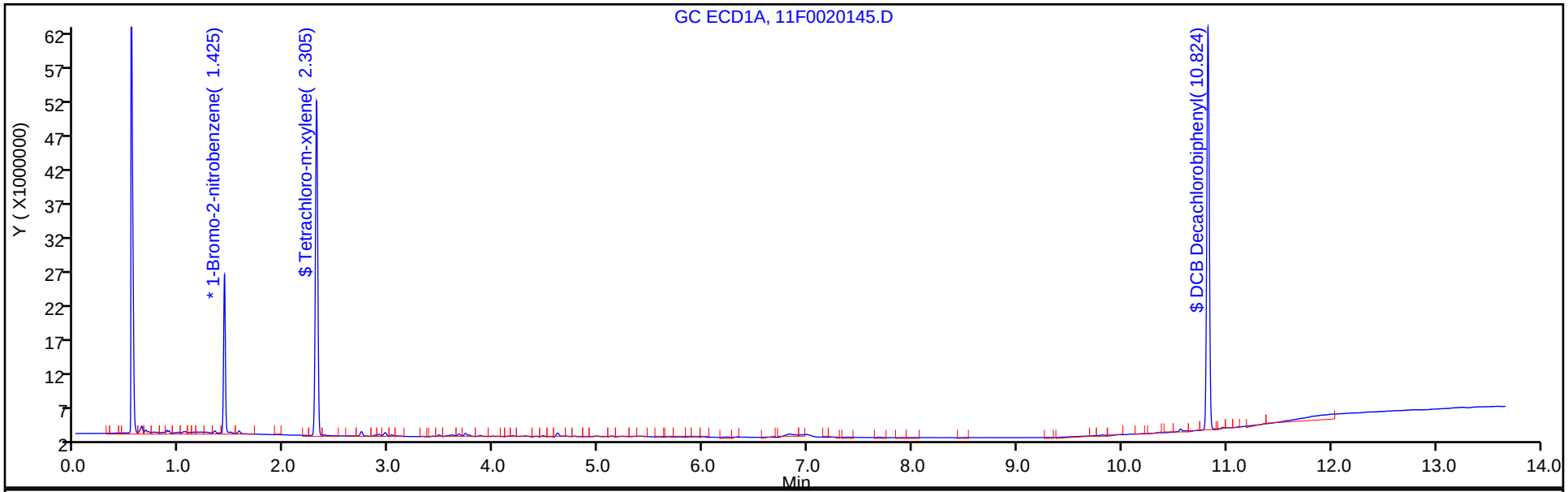
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

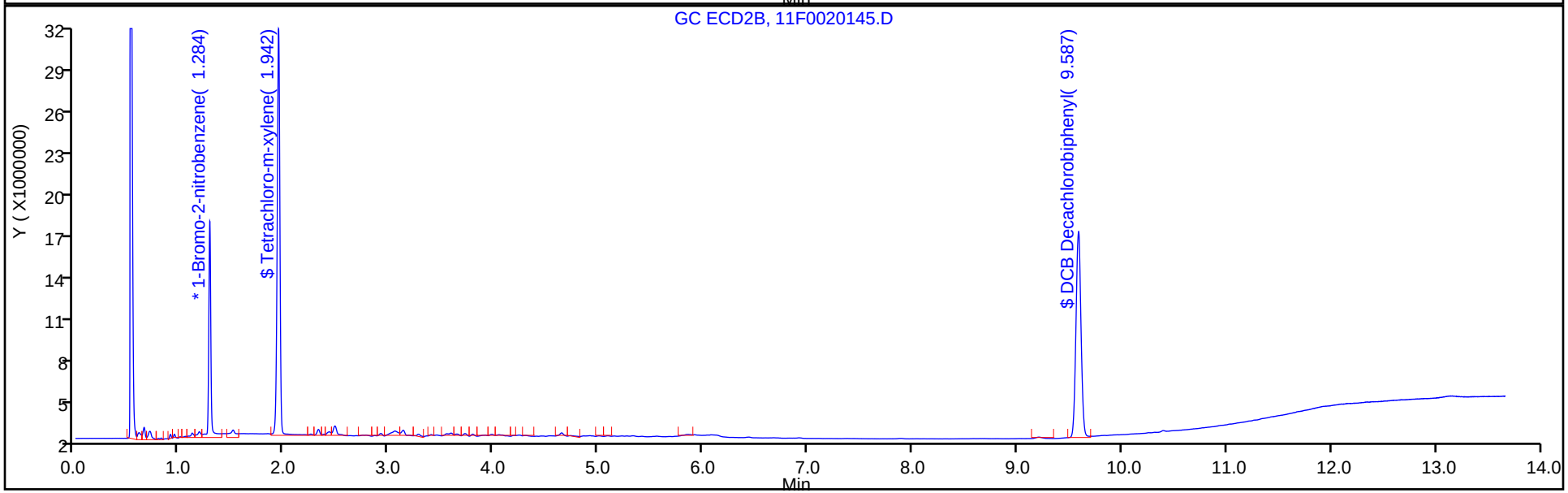
Report Date: 20-Apr-2023 10:19:33 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020145.D

Injection Date:	20-Apr-2023 09:12:38	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-F-1-A	Lab Sample ID:	460-278409-1	Worklist Smp#:	13
Client ID:	WC-A-E-1(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) Lab Sample ID: 460-278409-7

Matrix: Solid Lab File ID: 11F0020146.D

Analysis Method: 8082A Date Collected: 04/17/2023 11:00

Extraction Method: 3546 Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.08(g) Date Analyzed: 04/20/2023 09:29

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 9.0 % Solids: 91.0 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	108		10-150
877-09-8	Tetrachloro-m-xylene	107		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020146.D
Lims ID: 460-278409-H-7-A
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 09:29:20 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-014
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 10:19:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:17:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.415	1.417	-0.002	36662235	20.0	
2	1.286	1.287	-0.001	23013956	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.272	2.276	-0.004	98561899	53.3	
2	1.925	1.927	-0.002	67720580	59.4	
				RPD =	10.96	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.797	10.798	-0.001	109468758	53.9	
2	9.572	9.574	-0.002	57689538	60.9	
					RPD = 12.18	

Reagents:

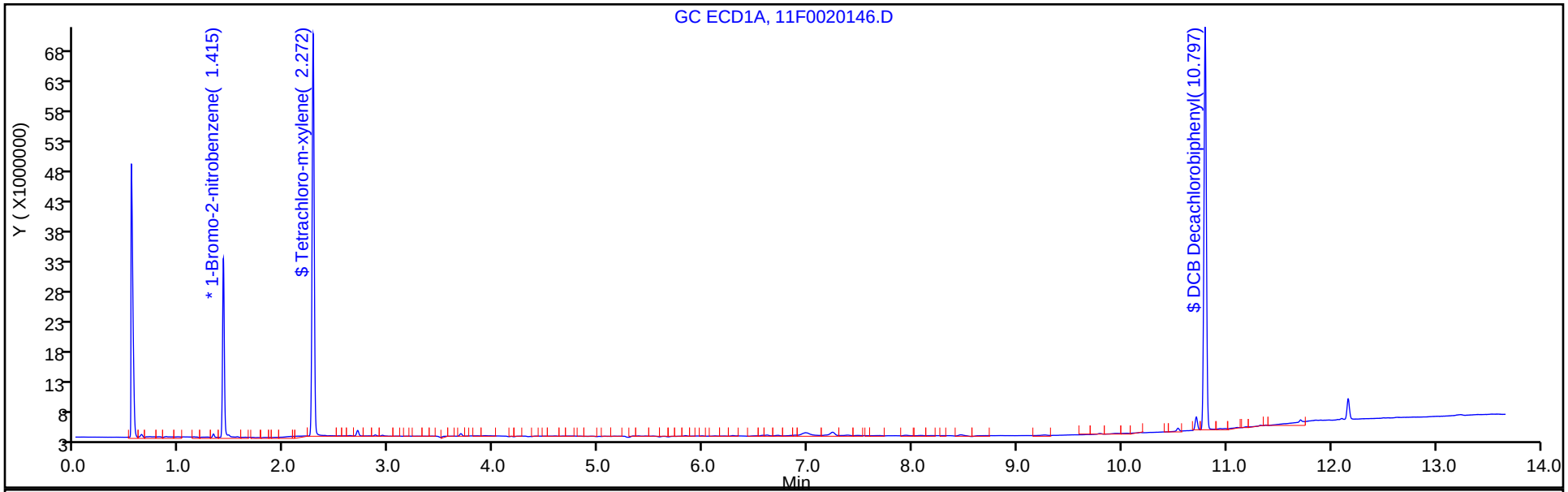
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

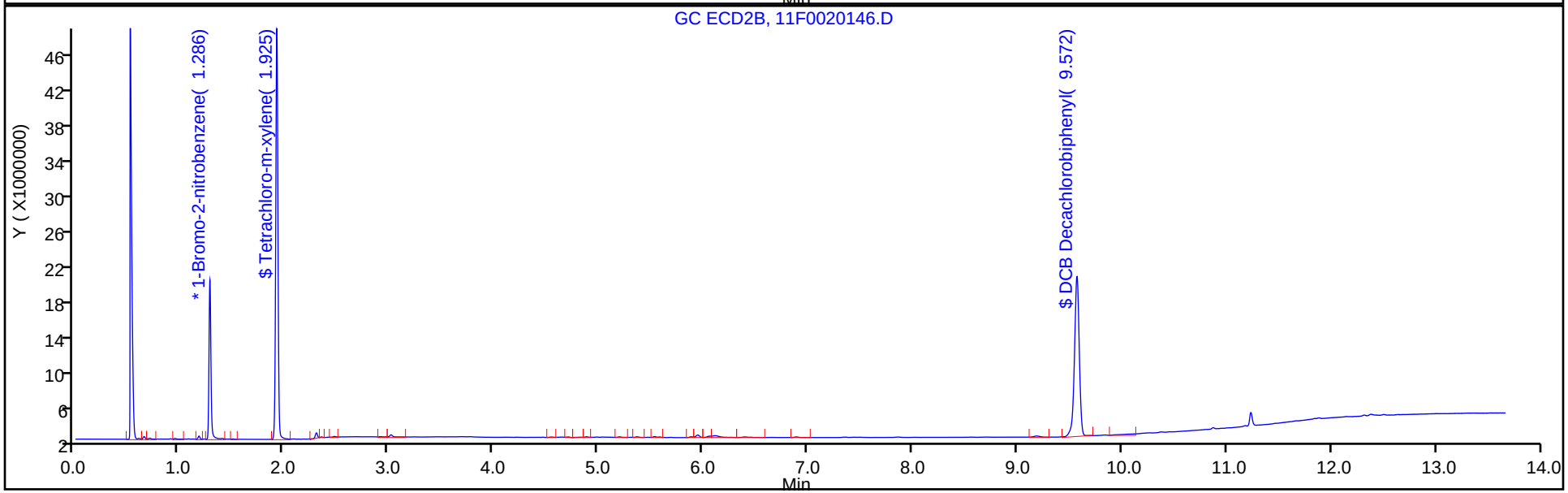
Report Date: 20-Apr-2023 10:19:34 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020146.D

Injection Date:	20-Apr-2023 09:29:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-H-7-A	Lab Sample ID:	460-278409-7	Worklist Smp#:	14
Client ID:	WC-A-E-2(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) | Lab Sample ID: 460-278409-7

Matrix: Solid | Lab File ID: 11F0020146.D

Analysis Method: 8082A | Date Collected: 04/17/2023 11:00

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.08(g) | Date Analyzed: 04/20/2023 09:29

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 9.0 % Solids: 91.0 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.019	U	0.073	0.019
11104-28-2	Aroclor 1221	0.019	U	0.073	0.019
11141-16-5	Aroclor 1232	0.019	U	0.073	0.019
53469-21-9	Aroclor 1242	0.019	U	0.073	0.019
12672-29-6	Aroclor 1248	0.019	U	0.073	0.019
11097-69-1	Aroclor 1254	0.019	U	0.073	0.019
11096-82-5	Aroclor 1260	0.019	U	0.073	0.019
11100-14-4	Aroclor 1268	0.019	U	0.073	0.019
37324-23-5	Aroclor-1262	0.019	U	0.073	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.019	U	0.073	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	122		10-150
877-09-8	Tetrachloro-m-xylene	119		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020146.D
Lims ID: 460-278409-H-7-A
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 09:29:20 ALS Bottle#: 14 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-014
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 10:19:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:17:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.415	1.417	-0.002	36662235	20.0	
2	1.286	1.287	-0.001	23013956	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.272	2.276	-0.004	98561899	53.3	
2	1.925	1.927	-0.002	67720580	59.4	
				RPD =	10.96	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.797	10.798	-0.001	109468758	53.9	
2	9.572	9.574	-0.002	57689538	60.9	
					RPD = 12.18	

Reagents:

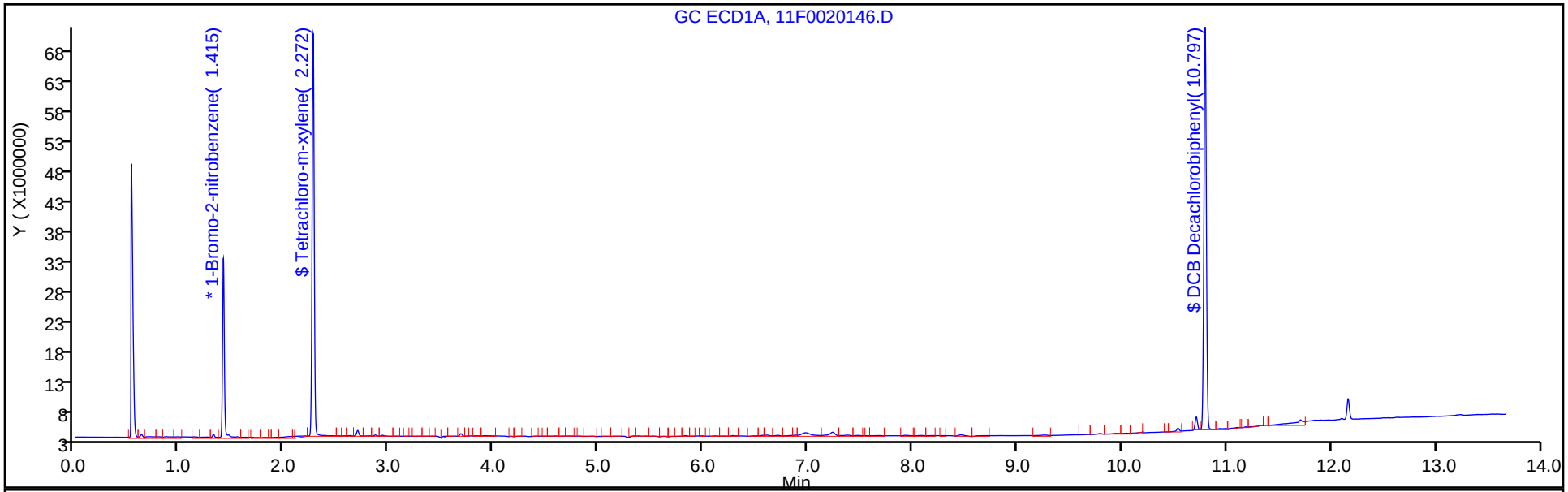
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

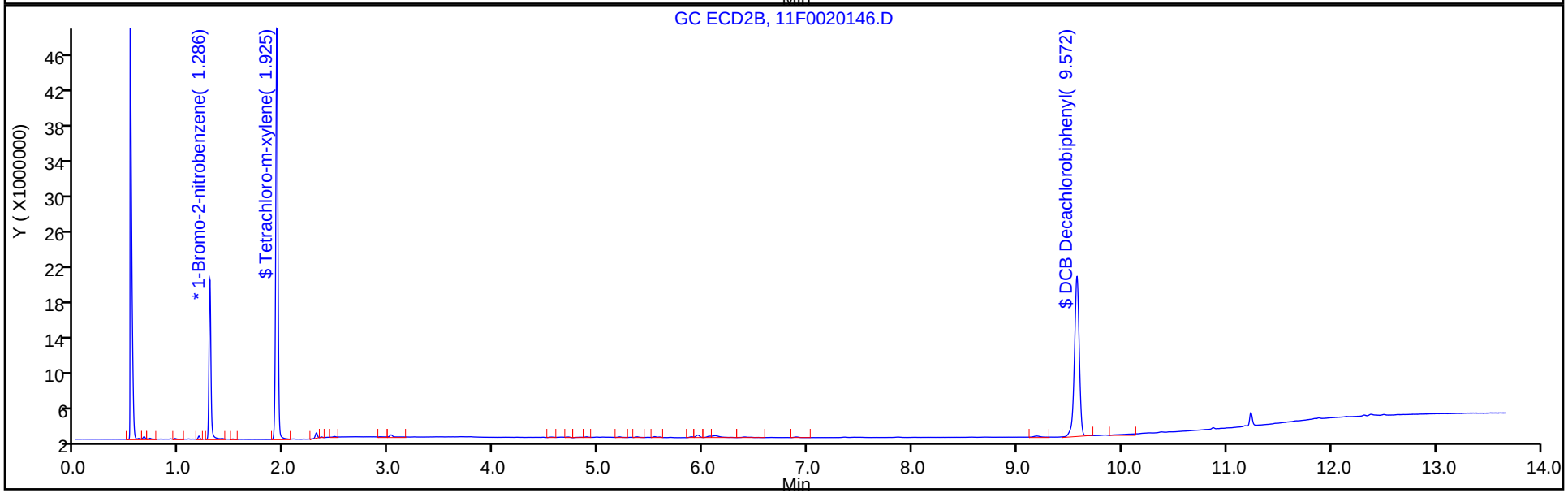
Report Date: 20-Apr-2023 10:19:35 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020146.D

Injection Date:	20-Apr-2023 09:29:20	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-H-7-A	Lab Sample ID:	460-278409-7	Worklist Smp#:	14
Client ID:	WC-A-E-2(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) Lab Sample ID: 460-278409-13

Matrix: Solid Lab File ID: 11F0020147.D

Analysis Method: 8082A Date Collected: 04/17/2023 12:10

Extraction Method: 3546 Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.01(g) Date Analyzed: 04/20/2023 09:46

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.3 % Solids: 91.7 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	101		10-150
877-09-8	Tetrachloro-m-xylene	94		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020147.D
Lims ID: 460-278409-H-13-A
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 09:46:07 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-015
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 10:19:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:16:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.415	1.417	-0.002	36743902	20.0	
2	1.287	1.287	0.000	23678581	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.272	2.276	-0.004	86872067	46.8	
2	1.926	1.927	-0.001	62356747	53.2	
				RPD =	12.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.808	10.798	0.010	102856905	50.5	
2	9.573	9.574	-0.001	52912380	54.3	
					RPD = 7.15	

QC Flag Legend

Processing Flags

Reagents:

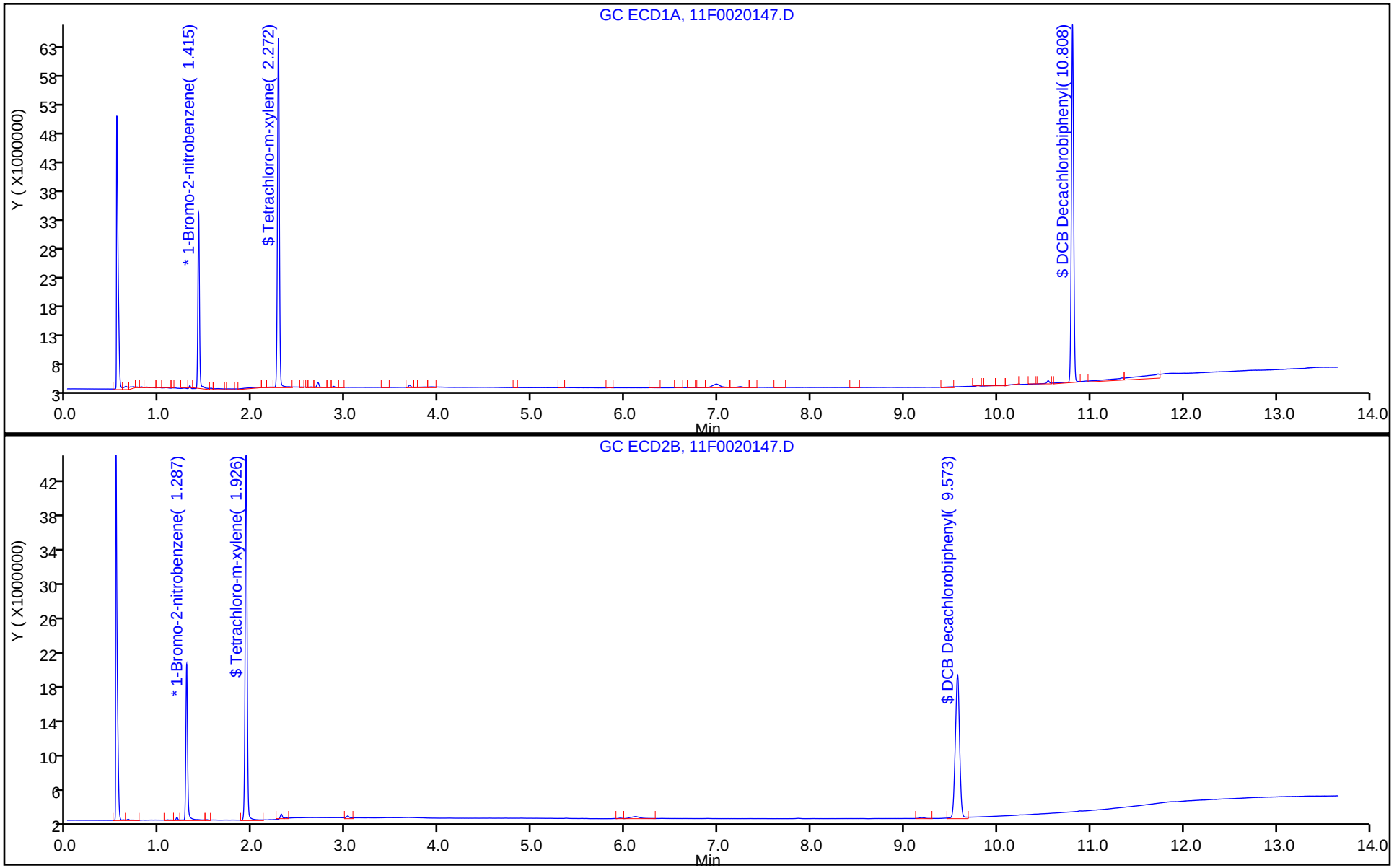
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 10:19:36 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020147.D

Injection Date:	20-Apr-2023 09:46:07	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-H-13-A	Lab Sample ID:	460-278409-13	Worklist Smp#:	15
Client ID:	WC-A-E-3(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid | Lab File ID: 11F0020147.D

Analysis Method: 8082A | Date Collected: 04/17/2023 12:10

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.01(g) | Date Analyzed: 04/20/2023 09:46

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.3 % Solids: 91.7 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.019	U	0.073	0.019
11104-28-2	Aroclor 1221	0.019	U	0.073	0.019
11141-16-5	Aroclor 1232	0.019	U	0.073	0.019
53469-21-9	Aroclor 1242	0.019	U	0.073	0.019
12672-29-6	Aroclor 1248	0.019	U	0.073	0.019
11097-69-1	Aroclor 1254	0.019	U	0.073	0.019
11096-82-5	Aroclor 1260	0.019	U	0.073	0.019
11100-14-4	Aroclor 1268	0.019	U	0.073	0.019
37324-23-5	Aroclor-1262	0.019	U	0.073	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.019	U	0.073	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	109		10-150
877-09-8	Tetrachloro-m-xylene	106		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020147.D
Lims ID: 460-278409-H-13-A
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 09:46:07 ALS Bottle#: 15 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-015
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 10:19:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 10:16:59

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.415	1.417	-0.002	36743902	20.0	
2	1.287	1.287	0.000	23678581	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.272	2.276	-0.004	86872067	46.8	
2	1.926	1.927	-0.001	62356747	53.2	
				RPD =	12.71	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						
1	10.808	10.798	0.010	102856905	50.5	
2	9.573	9.574	-0.001	52912380	54.3	
					RPD = 7.15	

QC Flag Legend

Processing Flags

Reagents:

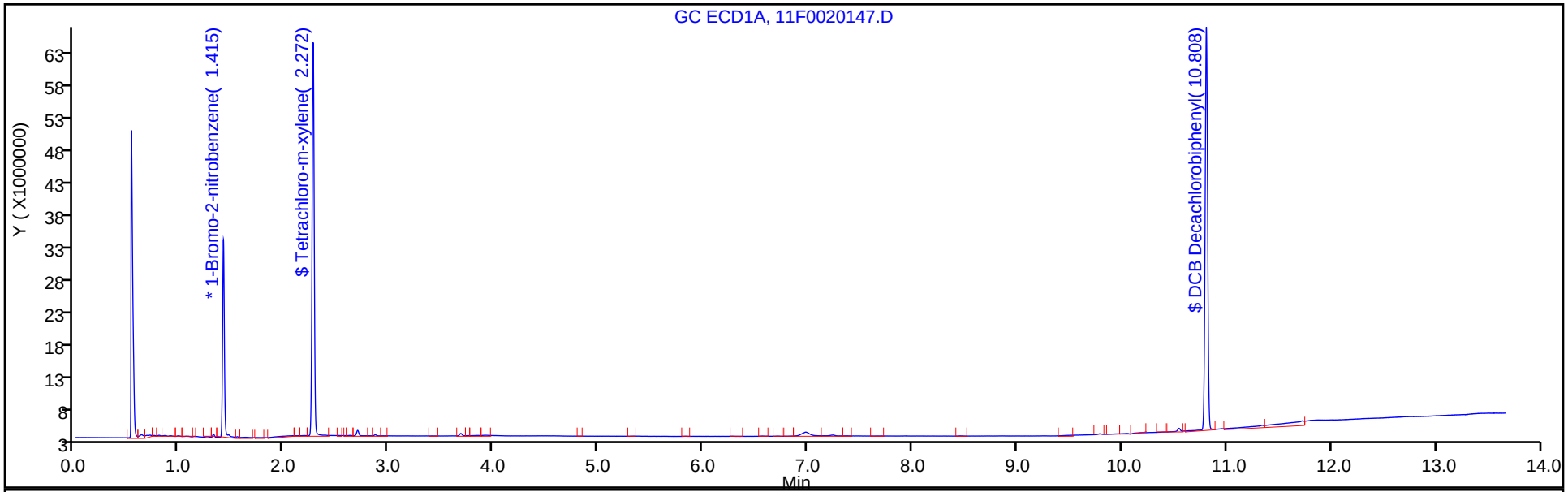
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

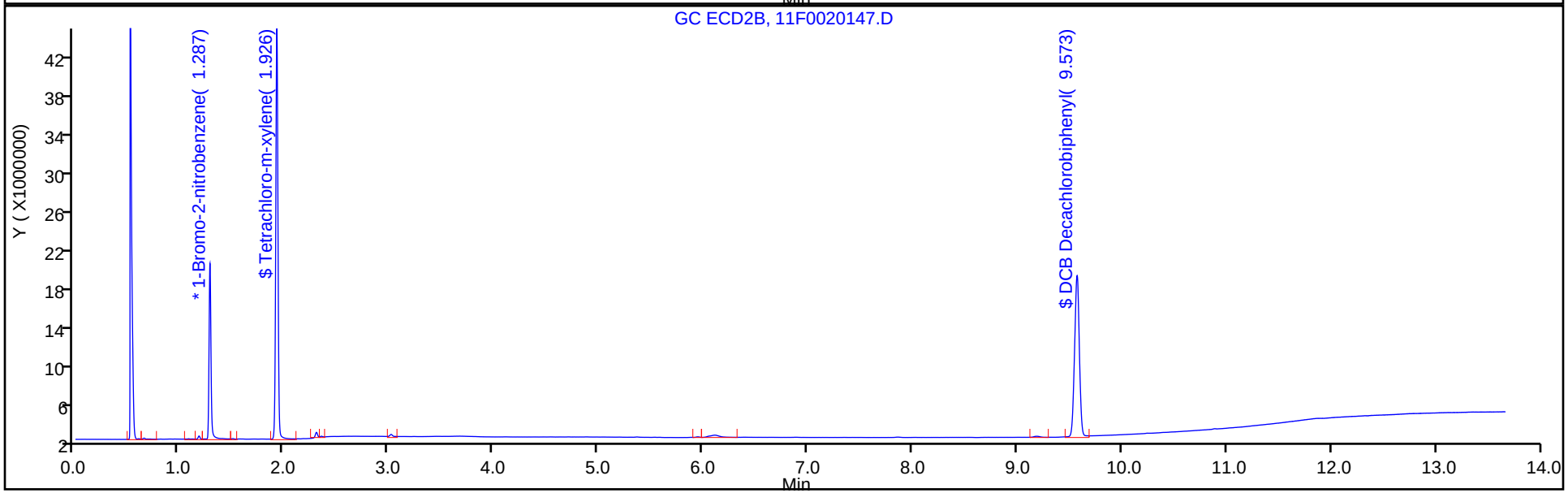
Report Date: 20-Apr-2023 10:19:36 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020147.D

Injection Date:	20-Apr-2023 09:46:07	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-H-13-A	Lab Sample ID:	460-278409-13	Worklist Smp#:	15
Client ID:	WC-A-E-3(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





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FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) Lab Sample ID: 460-278409-19

Matrix: Solid Lab File ID: 11F0020148.D

Analysis Method: 8082A Date Collected: 04/17/2023 10:20

Extraction Method: 3546 Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.06(g) Date Analyzed: 04/20/2023 10:02

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: CLP-2 ID: 0.53(mm)

% Moisture: 8.2 % Solids: 91.8 GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 Units: mg/Kg

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	103		10-150
877-09-8	Tetrachloro-m-xylene	100		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020148.D
Lims ID: 460-278409-H-19-A
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 10:02:51 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-016
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 21-Apr-2023 04:51:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 04:52:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.415	1.417	-0.002	34616195	20.0	
2	1.287	1.287	0.000	22296813	20.0	
				RPD =	0.00	
$ 2 Tetrachloro-m-xylene						
1	2.272	2.276	-0.004	86980833	49.8	
2	1.926	1.927	-0.001	62654658	56.8	
				RPD =	13.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.712	10.798	-0.086	99134427	51.7	a
2	9.572	9.574	-0.002	52409879	57.1	
					RPD = 9.92	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

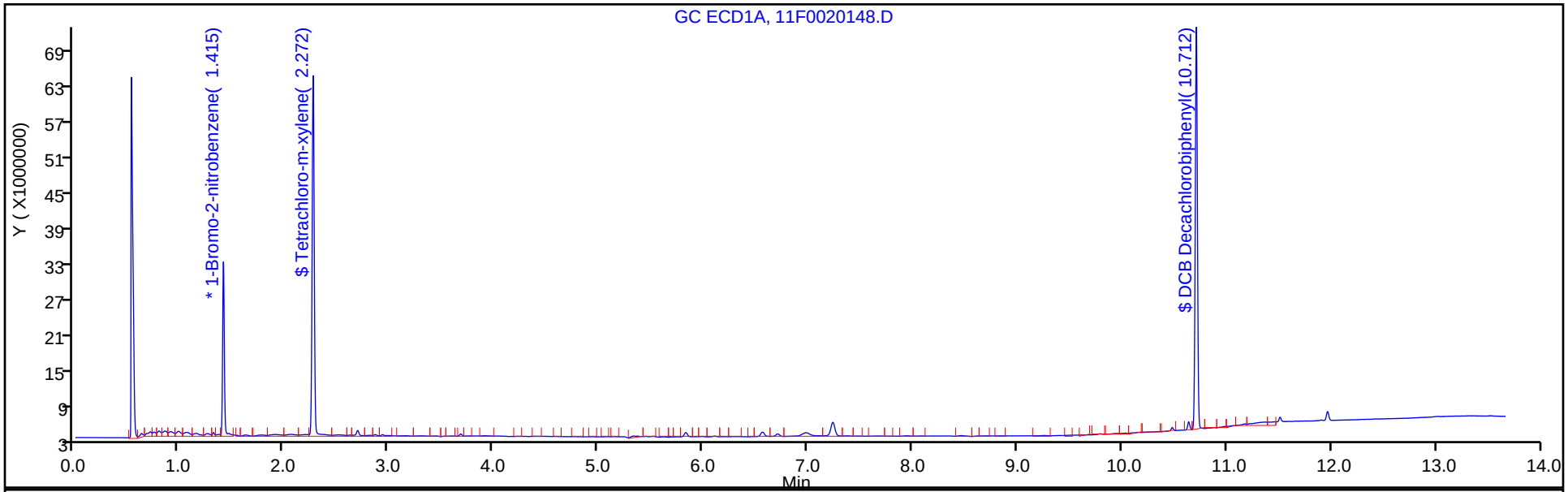
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

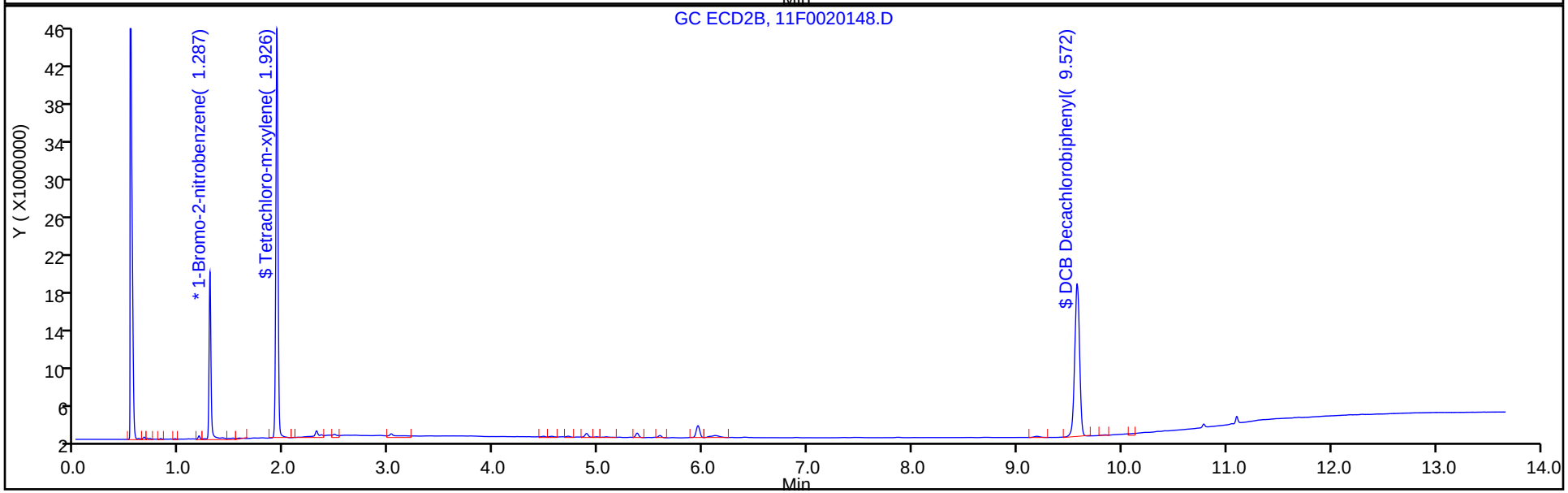
Report Date: 21-Apr-2023 04:52:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020148.D

Injection Date:	20-Apr-2023 10:02:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-H-19-A	Lab Sample ID:	460-278409-19	Worklist Smp#:	16
Client ID:	WC-A-E-4(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

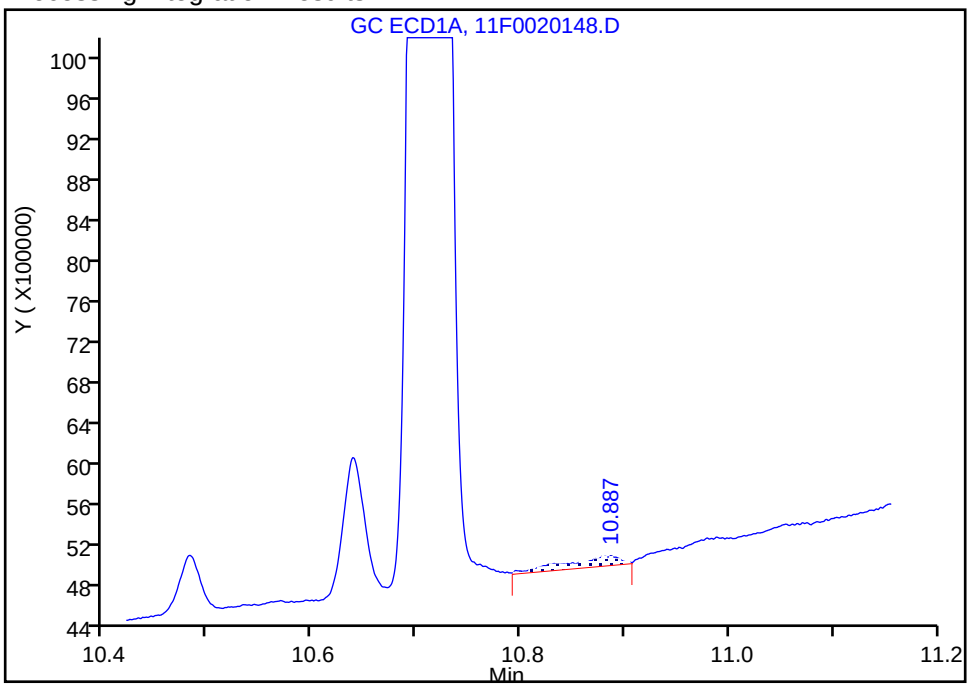
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020148.D				
Injection Date:	20-Apr-2023 10:02:51	Instrument ID:	CPESTGC11		
Lims ID:	460-278409-H-19-A	Lab Sample ID:	460-278409-19		
Client ID:	WC-A-E-4(0-3)				
Operator ID:		ALS Bottle#:	16	Worklist Smp#:	16
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

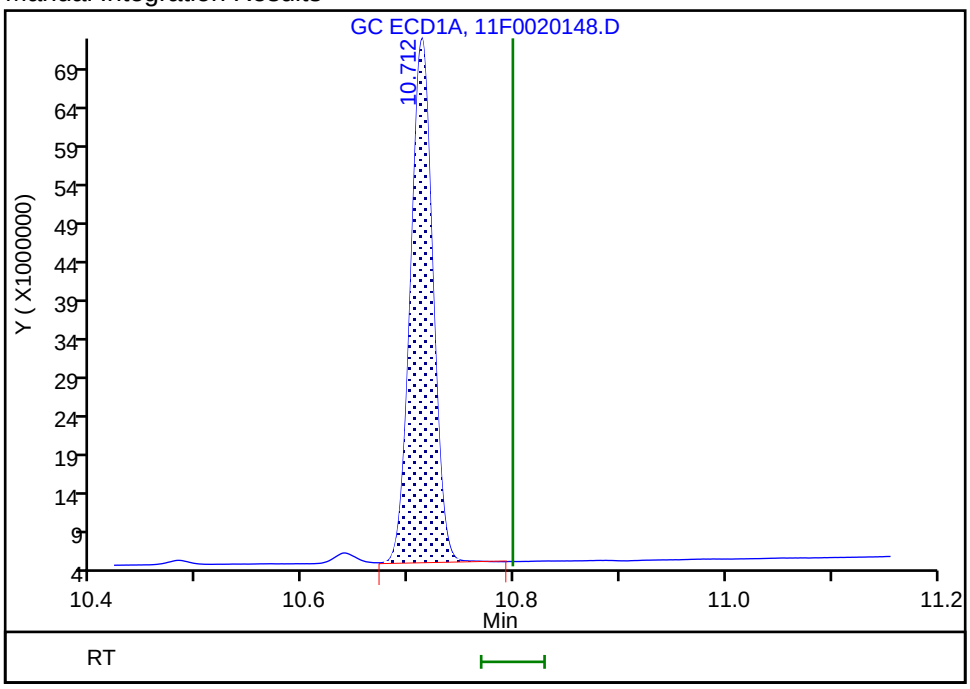
Processing Integration Results

RT: 10.89
Area: 292163
Amount: 0.152319
Amount Units: ug/l



Manual Integration Results

RT: 10.71
Area: 99134427
Amount: 51.683713
Amount Units: ug/l



Reviewer: ESS0, 20-Apr-2023 10:19:08

Audit Action: Assigned Compound ID Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) | Lab Sample ID: 460-278409-19

Matrix: Solid | Lab File ID: 11F0020148.D

Analysis Method: 8082A | Date Collected: 04/17/2023 10:20

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.06(g) | Date Analyzed: 04/20/2023 10:02

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: 8.2 % Solids: 91.8 | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.019	U	0.073	0.019
11104-28-2	Aroclor 1221	0.019	U	0.073	0.019
11141-16-5	Aroclor 1232	0.019	U	0.073	0.019
53469-21-9	Aroclor 1242	0.019	U	0.073	0.019
12672-29-6	Aroclor 1248	0.019	U	0.073	0.019
11097-69-1	Aroclor 1254	0.019	U	0.073	0.019
11096-82-5	Aroclor 1260	0.019	U	0.073	0.019
11100-14-4	Aroclor 1268	0.019	U	0.073	0.019
37324-23-5	Aroclor-1262	0.019	U	0.073	0.019
1336-36-3	Polychlorinated biphenyls, Total	0.019	U	0.073	0.019

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	114		10-150
877-09-8	Tetrachloro-m-xylene	114		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020148.D
Lims ID: 460-278409-H-19-A
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 20-Apr-2023 10:02:51 ALS Bottle#: 16 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-016
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 21-Apr-2023 04:51:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1654

First Level Reviewer: ESS0 Date: 21-Apr-2023 04:52:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene						
1	1.415	1.417	-0.002	34616195	20.0	
2	1.287	1.287	0.000	22296813	20.0	
					RPD = 0.00	
$ 2 Tetrachloro-m-xylene						
1	2.272	2.276	-0.004	86980833	49.8	
2	1.926	1.927	-0.001	62654658	56.8	
					RPD = 13.10	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl						a
1	10.712	10.798	-0.086	99134427	51.7	a
2	9.572	9.574	-0.002	52409879	57.1	
					RPD = 9.92	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

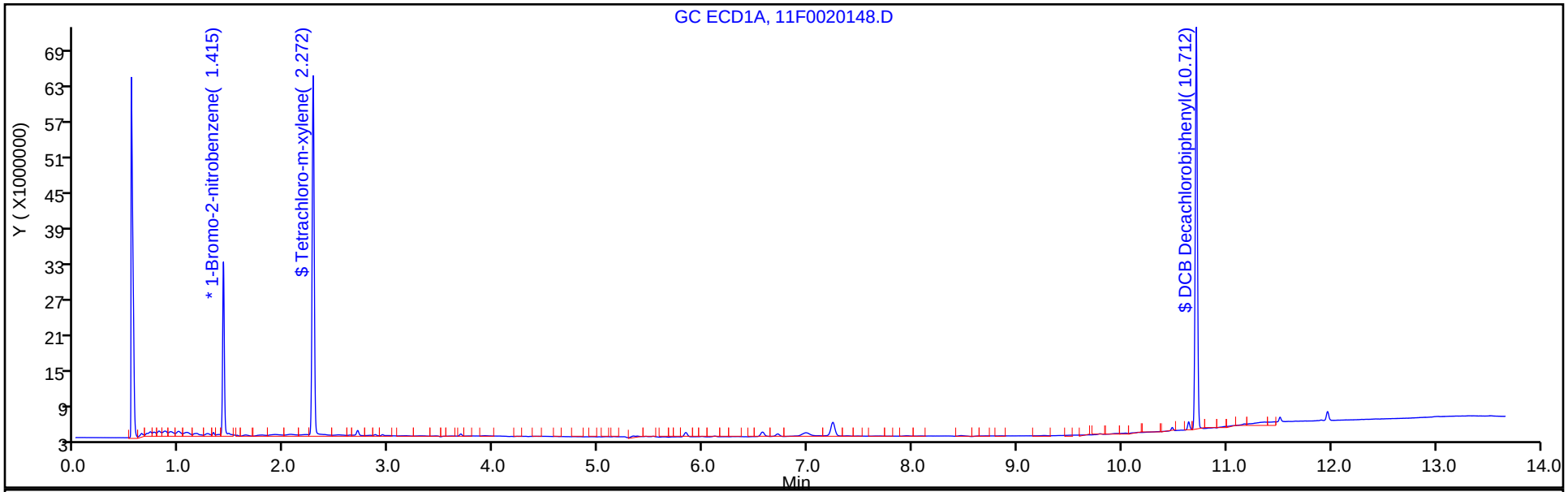
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

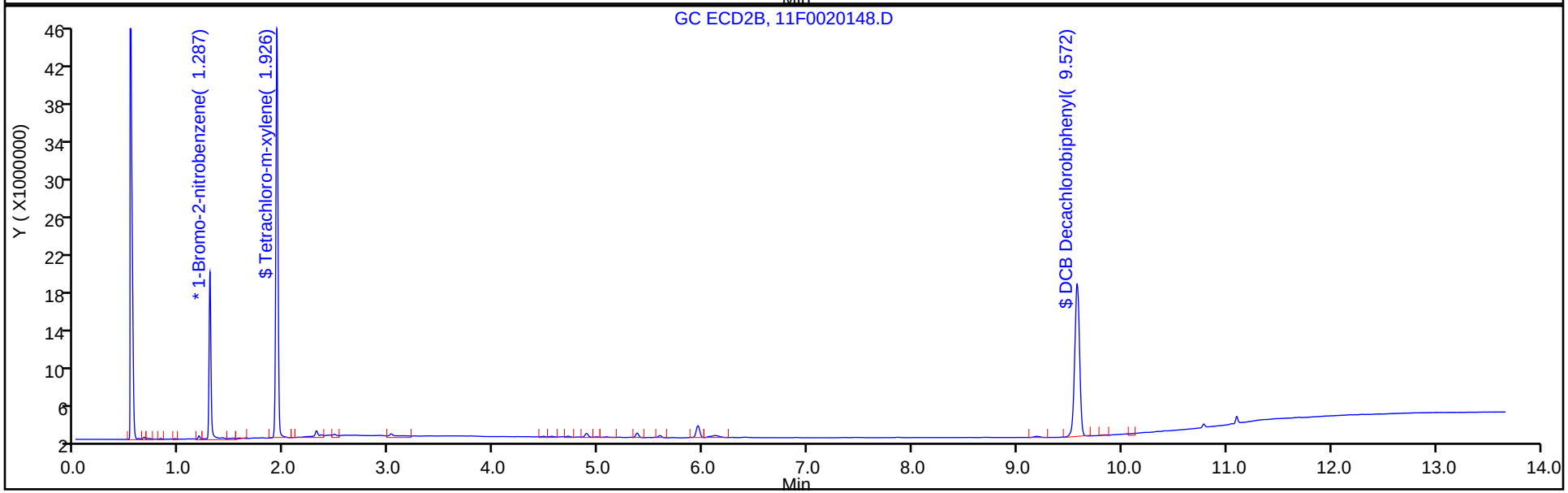
Report Date: 21-Apr-2023 04:52:13 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020148.D

Injection Date:	20-Apr-2023 10:02:51	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	460-278409-H-19-A	Lab Sample ID:	460-278409-19	Worklist Smp#:	16
Client ID:	WC-A-E-4(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 14:29 Calibration End Date: 11/28/2022 16:09 Calibration ID: 91720

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/8	11F0016505.D
Level 2	IC 460-880106/3	11F0016500.D
Level 3	IC 460-880106/7	11F0016504.D
Level 4	IC 460-880106/9	11F0016506.D
Level 5	IC 460-880106/6	11F0016503.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0220	0.0178	0.0195	0.0202	0.0177	Ave		0.0195				9.1		20.0			
PCB-1016 Peak 2	0.0502	0.0397	0.0419	0.0446	0.0366	Ave		0.0426				12.1		20.0			
PCB-1016 Peak 3	0.1123	0.0842	0.0877	0.0939	0.0831	Ave		0.0922				13.0		20.0			
PCB-1016 Peak 4	0.0472	0.0358	0.0372	0.0392	0.0349	Ave		0.0389				12.7		20.0			
PCB-1016 Peak 5	0.0385	0.0283	0.0293	0.0315	0.0280	Ave		0.0311				13.9		20.0			
PCB-1016 Peak 6	0.0365	0.0269	0.0281	0.0303	0.0264	Ave		0.0296				13.9		20.0			
PCB-1016 Peak 7	0.0334	0.0275	0.0333	0.0314	0.0277	Ave		0.0307				9.5		20.0			
PCB-1016 Peak 8	0.0213	0.0176	0.0231	0.0202	0.0178	Ave		0.0200				11.7		20.0			
PCB-1260 Peak 1	0.0290	0.0243	0.0295	0.0278	0.0246	Ave		0.0271				9.1		20.0			
PCB-1260 Peak 2	0.0687	0.0561	0.0608	0.0632	0.0555	Ave		0.0608				9.0		20.0			
PCB-1260 Peak 3	0.0783	0.0624	0.0732	0.0713	0.0626	Ave		0.0696				10.0		20.0			
PCB-1260 Peak 4	0.0634	0.0504	0.0577	0.0578	0.0505	Ave		0.0559				9.9		20.0			
PCB-1260 Peak 5	0.0718	0.0594	0.0671	0.0682	0.0587	Ave		0.0651				8.8		20.0			
PCB-1260 Peak 6	0.1535	0.1269	0.1477	0.1472	0.1290	Ave		0.1408				8.6		20.0			
PCB-1260 Peak 7	0.1065	0.0901	0.1038	0.1054	0.0862	Ave		0.0984				9.7		20.0			
PCB-1260 Peak 8	0.0461	0.0381	0.0386	0.0448	0.0396	Ave		0.0414				9.0		20.0			
Tetrachloro-m-xylene	1.0145	0.9349	1.0588	1.0576	0.9816	Ave		1.0095				5.2		20.0			
DCB Decachlorobiphenyl	1.0928	1.0077	1.1746	1.1751	1.0908	Ave		1.1082				6.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 14:29 Calibration End Date: 11/28/2022 16:09 Calibration ID: 91720

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/8	11F0016505.D
Level 2	IC 460-880106/3	11F0016500.D
Level 3	IC 460-880106/7	11F0016504.D
Level 4	IC 460-880106/9	11F0016506.D
Level 5	IC 460-880106/6	11F0016503.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	2170536	16245568	28333648	60536380	80297329	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	4966257	36171618	60735536	133285254	166199814	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	11101763	76612000	127230324	280804900	377166497	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	4665074	32572994	54007621	117333484	158434304	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	3803805	25783727	42566545	94033466	127000160	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	3609952	24487912	40782108	90448215	119848696	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	3297961	25032257	48331728	93998530	125676620	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	2103804	16010543	33562329	60354236	80871510	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Ave	2870456	22116873	42849799	83258831	111798537	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	6792755	51061569	88141899	188968760	251695073	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	7746272	56794223	106193781	213084781	283945906	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	6265586	45831760	83689217	172838083	229154792	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	7100286	54066228	97360595	203857731	266633960	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	15176437	115486257	214152107	439930403	585386109	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	10525272	81967591	150533180	315013784	391121525	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	4562438	34693761	55911388	133866501	179798846	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	25075352	85088006	153558443	316190708	356420888	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	27011940	91713955	170359405	351312608	396051267	12.5	50.0	100	150	200

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016500.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Nov-2022 14:29:25 ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:42 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 14:55:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.442	0.001	36405009	20.0	20.0	M
2	1.315	1.315	0.000	23368147	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.320	2.320	0.000	85088006	50.0	46.3	
2	1.974	1.973	0.001	54039136	50.0	46.7	M
						RPD = 0.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	16245568	500.0	458.7	
1	3.416	3.418	-0.002	36171618	500.0	466.4	M
1	3.965	3.965	0.000	76612000	500.0	456.3	M
1	4.131	4.130	0.001	32572994	500.0	460.3	M
1	4.257	4.259	-0.002	25783727	500.0	455.2	M
1	4.711	4.711	0.000	24487912	500.0	453.9	M
1	4.860	4.860	0.000	25032257	500.0	448.5	M
1	5.228	5.228	0.000	16010543	500.0	439.7	M
		Average of Peak Amounts =				454.9	
2	2.356	2.355	0.001	10367877	500.0	459.7	M
2	2.734	2.733	0.001	20162422	500.0	461.1	M
2	2.946	2.945	0.001	13323915	500.0	467.3	M
2	3.246	3.245	0.001	41908733	500.0	459.4	M
2	3.395	3.395	0.000	17959010	500.0	480.1	M
2	3.464	3.464	0.000	11012687	500.0	476.0	M
2	3.862	3.861	0.001	17634412	500.0	463.9	M
2	4.302	4.301	0.001	7540448	500.0	462.3	M
		Average of Peak Amounts =				466.2	
						RPD = 2.47	
8 PCB-1260							M
1	6.142	6.140	0.002	22116873	500.0	448.8	M
1	6.385	6.385	0.000	51061569	500.0	461.0	M
1	6.720	6.719	0.001	56794223	500.0	448.5	M
1	7.509	7.506	0.003	45831760	500.0	450.0	
1	8.077	8.076	0.001	54066228	500.0	456.6	
1	8.607	8.610	-0.003	115486257	500.0	450.5	
1	9.426	9.425	0.001	81967591	500.0	457.8	M
1	10.256	10.260	-0.004	34693761	500.0	459.9	
		Average of Peak Amounts =				454.1	
2	5.287	5.286	0.001	26292686	500.0	466.1	
2	5.630	5.629	0.001	40609410	500.0	453.1	
2	6.159	6.158	0.001	22926612	500.0	444.7	
2	6.512	6.510	0.002	23747996	500.0	449.9	
2	7.017	7.014	0.003	56548909	500.0	450.9	
2	7.492	7.490	0.002	27403457	500.0	450.9	
2	7.650	7.654	-0.004	17303150	500.0	469.0	
2	8.735	8.733	0.002	16533700	500.0	465.6	
		Average of Peak Amounts =				456.3	
						RPD = 0.47	
$ 11 DCB Decachlorobiphenyl							M
1	10.860	10.865	-0.005	91713955	50.0	45.5	M
2	9.694	9.695	-0.001	44378942	50.0	46.1	
						RPD = 1.43	
S 12 Polychlorinated biphenyls, Total							
1						909.0	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

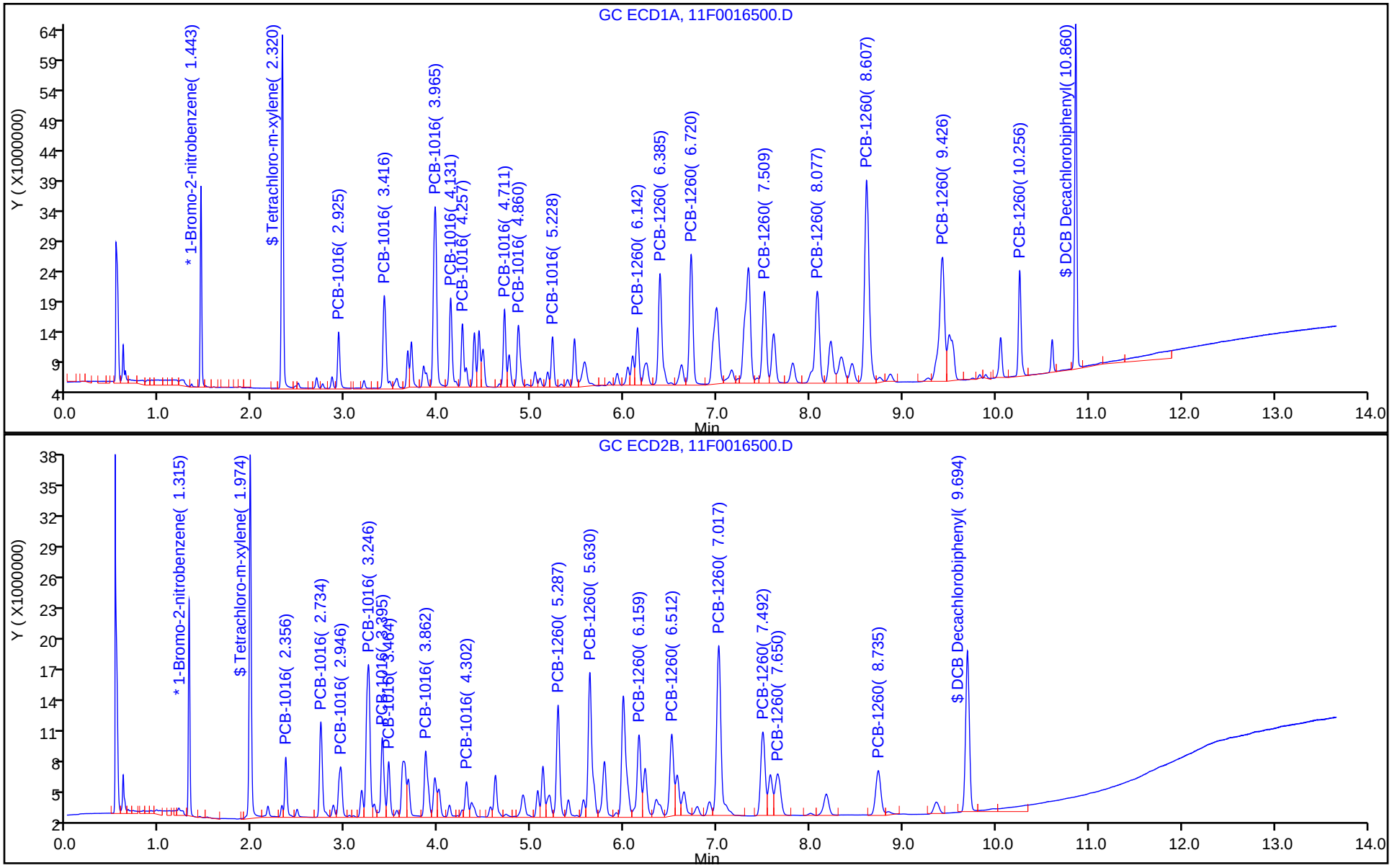
SG1660L2_00035	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:20:42 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016500.D

Injection Date:	28-Nov-2022 14:29:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016503.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Nov-2022 15:19:42 ALS Bottle#: 11 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 15:41:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.443	1.442	0.001	36308422	20.0	20.0	
2	1.316	1.315	0.001	23067555	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.319	2.320	-0.001	356420888	200.0	194.5	
2	1.972	1.973	-0.001	223910687	200.0	196.1	M
						RPD = 0.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	80297329	2500.0	2273.4	
1	3.417	3.418	-0.001	166199814	2500.0	2148.5	M
1	3.964	3.965	-0.001	377166497	2500.0	2252.3	M
1	4.131	4.130	0.001	158434304	2500.0	2245.0	M
1	4.257	4.259	-0.002	127000160	2500.0	2248.1	M
1	4.712	4.711	0.001	119848696	2500.0	2227.3	M
1	4.861	4.860	0.001	125676620	2500.0	2257.6	M
1	5.227	5.228	-0.001	80871510	2500.0	2227.0	M
		Average of Peak Amounts =				2234.9	
2	2.353	2.355	-0.002	50286125	2500.0	2258.8	M
2	2.732	2.733	-0.001	99404388	2500.0	2303.2	M
2	2.945	2.945	0.000	65578871	2500.0	2330.0	M
2	3.243	3.245	-0.002	211935399	2500.0	2353.3	M
2	3.392	3.395	-0.003	89278184	2500.0	2417.6	M
2	3.462	3.464	-0.002	55466286	2500.0	2428.6	M
2	3.861	3.861	0.000	85502547	2500.0	2278.8	M
2	4.301	4.301	0.000	36368146	2500.0	2258.8	M
		Average of Peak Amounts =				2328.6	
						RPD = 4.11	
8 PCB-1260							M
1	6.142	6.140	0.002	111798537	2500.0	2274.8	M
1	6.384	6.385	-0.001	251695073	2500.0	2278.5	M
1	6.719	6.719	0.000	283945906	2500.0	2248.5	M
1	7.507	7.506	0.001	229154792	2500.0	2256.2	M
1	8.077	8.076	0.001	266633960	2500.0	2257.6	M
1	8.611	8.610	0.001	585386109	2500.0	2289.6	M
1	9.425	9.425	0.000	391121525	2500.0	2190.1	M
1	10.262	10.260	0.002	179798846	2500.0	2389.9	
		Average of Peak Amounts =				2273.1	
2	5.286	5.286	0.000	112173105	2500.0	2358.7	M
2	5.627	5.629	-0.002	200409491	2500.0	2265.3	M
2	6.157	6.158	-0.001	111617795	2500.0	2193.0	M
2	6.511	6.510	0.001	115412110	2500.0	2215.1	M
2	7.013	7.014	-0.001	282825459	2500.0	2284.7	M
2	7.490	7.490	0.000	137257698	2500.0	2287.9	
2	7.652	7.654	-0.002	82567696	2500.0	2267.0	
2	8.731	8.733	-0.002	82148531	2500.0	2343.5	
		Average of Peak Amounts =				2276.9	
						RPD = 0.17	
$ 11 DCB Decachlorobiphenyl							
1	10.867	10.865	0.002	396051267	200.0	196.9	
2	9.694	9.695	-0.001	181943938	200.0	191.5	
						RPD = 2.74	
S 12 Polychlorinated biphenyls, Total							
1						4508.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

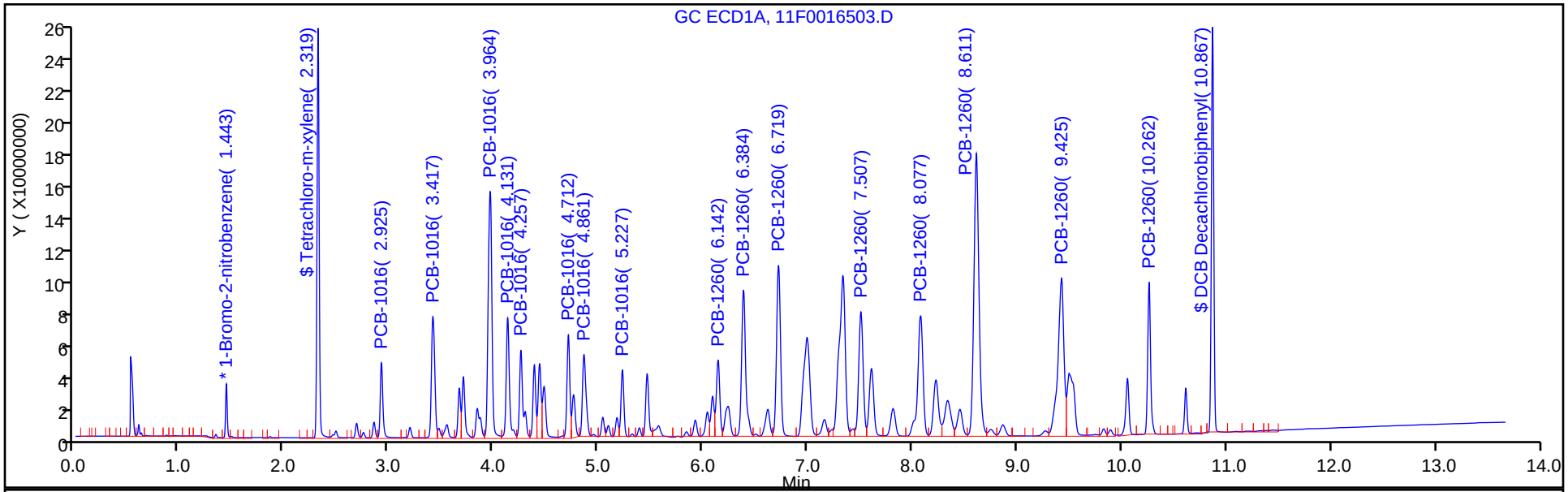
SG1660L5_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

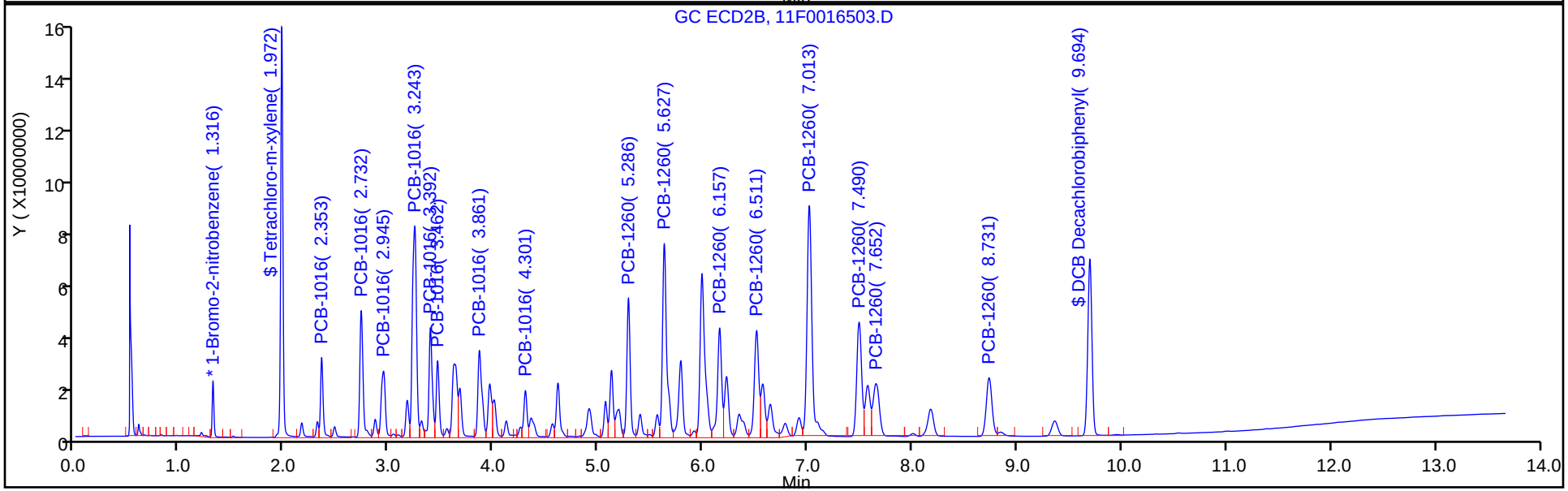
Report Date: 02-Dec-2022 09:20:46 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016503.D

Injection Date:	28-Nov-2022 15:19:42	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016504.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 28-Nov-2022 15:36:27 ALS Bottle#: 12 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-007
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:50 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 15:52:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	29006477	20.0	20.0	M
2	1.315	1.315	0.000	19190305	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.320	2.320	0.000	153558443	100.0	104.9	
2	1.973	1.973	0.000	97269730	100.0	102.4	
						RPD = 2.41	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	28333648	1000.0	1004.1	
1	3.418	3.418	0.000	60735536	1000.0	982.8	M
1	3.965	3.965	0.000	127230324	1000.0	951.0	M
1	4.130	4.130	0.000	54007621	1000.0	957.9	M
1	4.259	4.259	0.000	42566545	1000.0	943.2	M
1	4.711	4.711	0.000	40782108	1000.0	948.7	
1	4.860	4.860	0.000	48331728	1000.0	1086.8	
1	5.228	5.228	0.000	33562329	1000.0	1156.9	
		Average of Peak Amounts =				1003.9	
2	2.355	2.355	0.000	17985882	1000.0	971.1	M
2	2.733	2.733	0.000	33515699	1000.0	933.4	M
2	2.945	2.945	0.000	22272018	1000.0	951.2	M
2	3.245	3.245	0.000	70026843	1000.0	934.7	M
2	3.395	3.395	0.000	29949368	1000.0	974.9	M
2	3.464	3.464	0.000	18725119	1000.0	985.5	M
2	3.861	3.861	0.000	29548879	1000.0	946.6	M
2	4.301	4.301	0.000	13433544	1000.0	1002.9	M
		Average of Peak Amounts =				962.6	
						RPD = 4.21	
8 PCB-1260							M
1	6.140	6.140	0.000	42849799	1000.0	1091.3	M
1	6.385	6.385	0.000	88141899	1000.0	998.8	M
1	6.719	6.719	0.000	106193781	1000.0	1052.6	M
1	7.506	7.506	0.000	83689217	1000.0	1031.4	M
1	8.076	8.076	0.000	97360595	1000.0	1031.9	M
1	8.610	8.610	0.000	214152107	1000.0	1048.4	M
1	9.425	9.425	0.000	150533180	1000.0	1055.1	M
1	10.260	10.260	0.000	55911388	1000.0	930.2	
		Average of Peak Amounts =				1030.0	
2	5.286	5.286	0.000	44438729	1000.0	1069.0	M
2	5.629	5.629	0.000	74317682	1000.0	1009.8	M
2	6.158	6.158	0.000	41099218	1000.0	970.6	M
2	6.510	6.510	0.000	43433612	1000.0	1002.1	M
2	7.014	7.014	0.000	104061909	1000.0	1010.5	M
2	7.490	7.490	0.000	50876027	1000.0	1019.4	
2	7.654	7.654	0.000	28018254	1000.0	924.7	
2	8.733	8.733	0.000	26708786	1000.0	915.9	
		Average of Peak Amounts =				990.2	
						RPD = 3.93	
$ 11 DCB Decachlorobiphenyl							
1	10.865	10.865	0.000	170359405	100.0	106.0	
2	9.695	9.695	0.000	81346075	100.0	102.9	
						RPD = 2.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

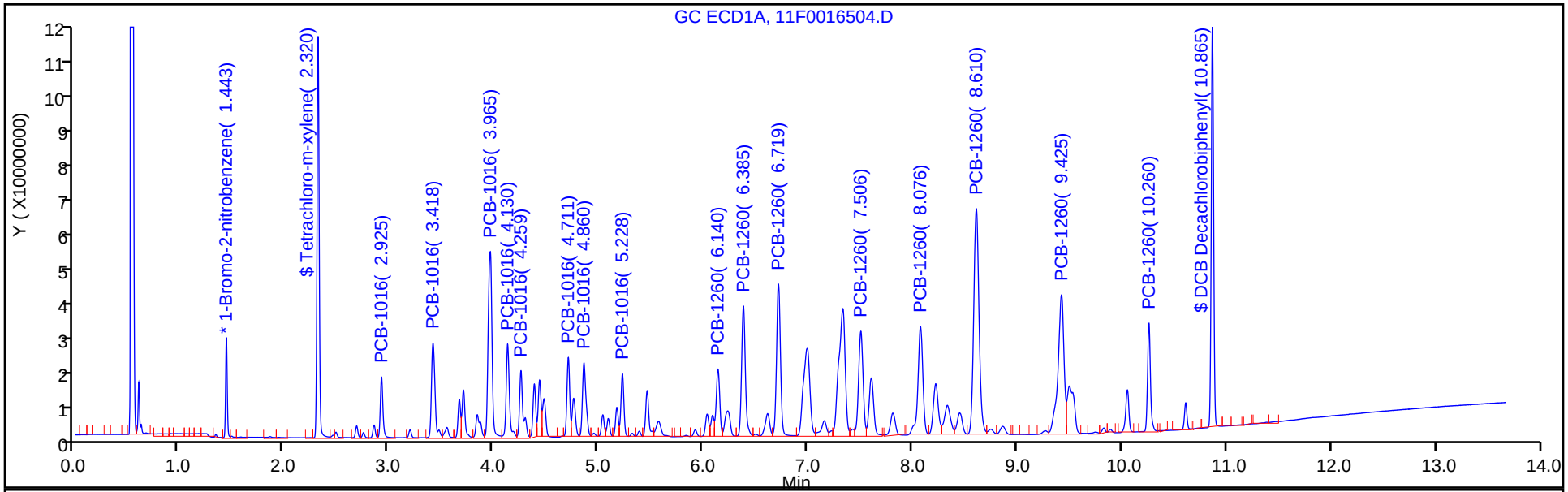
SG1660L3_00042	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

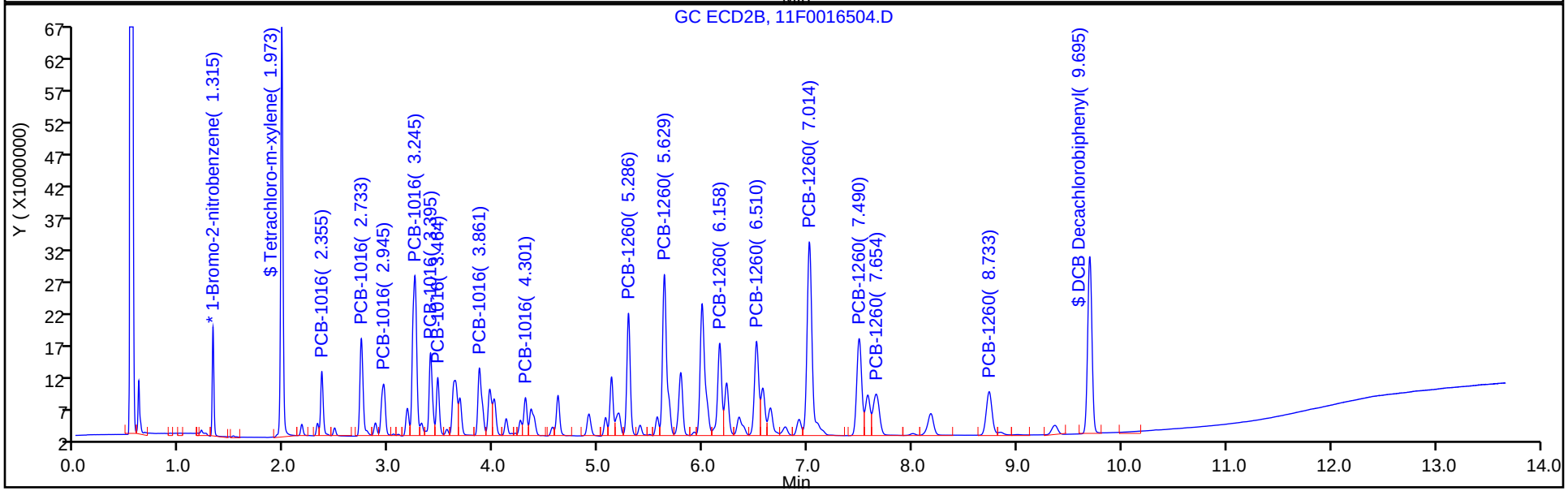
Report Date: 02-Dec-2022 09:20:50 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016504.D

Injection Date:	28-Nov-2022 15:36:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016505.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Nov-2022 15:53:11 ALS Bottle#: 13 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:54 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 16:39:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	39548206	20.0	20.0	
2	1.316	1.315	0.001	24630726	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.319	2.320	-0.001	25075352	12.5	12.6	
2	1.973	1.973	0.000	14945395	12.5	12.3	M
						RPD = 2.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	2170536	50.0	56.4	
1	3.417	3.418	-0.001	4966257	50.0	58.9	
1	3.964	3.965	-0.001	11101763	50.0	60.9	
1	4.130	4.130	0.000	4665074	50.0	60.7	M
1	4.257	4.259	-0.002	3803805	50.0	61.8	
1	4.711	4.711	0.000	3609952	50.0	61.6	
1	4.860	4.860	0.000	3297961	50.0	54.4	
1	5.228	5.228	0.000	2103804	50.0	53.2	
		Average of Peak Amounts =				58.5	
2	2.358	2.355	0.003	1387588	50.0	58.4	M
2	2.733	2.733	0.000	2730667	50.0	59.3	
2	2.948	2.945	0.003	1701927	50.0	56.6	M
2	3.248	3.245	0.003	5530248	50.0	57.5	
2	3.398	3.395	0.003	2064142	50.0	52.3	
2	3.464	3.464	0.000	1229687	50.0	50.4	
2	3.863	3.861	0.002	2387016	50.0	59.6	
2	4.302	4.301	0.001	991544	50.0	57.7	
		Average of Peak Amounts =				56.5	
						RPD = 3.50	
8 PCB-1260							M
1	6.143	6.140	0.003	2870456	50.0	53.6	
1	6.384	6.385	-0.001	6792755	50.0	56.5	M
1	6.720	6.719	0.001	7746272	50.0	56.3	M
1	7.507	7.506	0.001	6265586	50.0	56.6	M
1	8.075	8.076	-0.001	7100286	50.0	55.2	M
1	8.609	8.610	-0.001	15176437	50.0	54.5	M
1	9.424	9.425	-0.001	10525272	50.0	54.1	M
1	10.262	10.260	0.002	4562438	50.0	55.7	
		Average of Peak Amounts =				55.3	
2	5.288	5.286	0.002	7479433	50.0	50.1	
2	5.628	5.629	-0.001	5430965	50.0	57.5	M
2	6.158	6.158	0.000	3434546	50.0	63.2	M
2	6.511	6.510	0.001	3338268	50.0	60.0	M
2	7.016	7.014	0.002	7533664	50.0	57.0	M
2	7.491	7.490	0.001	3617913	50.0	56.5	M
2	7.653	7.654	-0.001	2315722	50.0	59.5	M
2	8.730	8.733	-0.003	2148316	50.0	57.4	M
		Average of Peak Amounts =				57.7	
						RPD = 4.15	
$ 11 DCB Decachlorobiphenyl							M
1	10.870	10.865	0.005	27011940	12.5	12.3	M
2	9.695	9.695	0.000	13397295	12.5	13.2	M
						RPD = 6.91	
S 12 Polychlorinated biphenyls, Total							
1						113.8	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

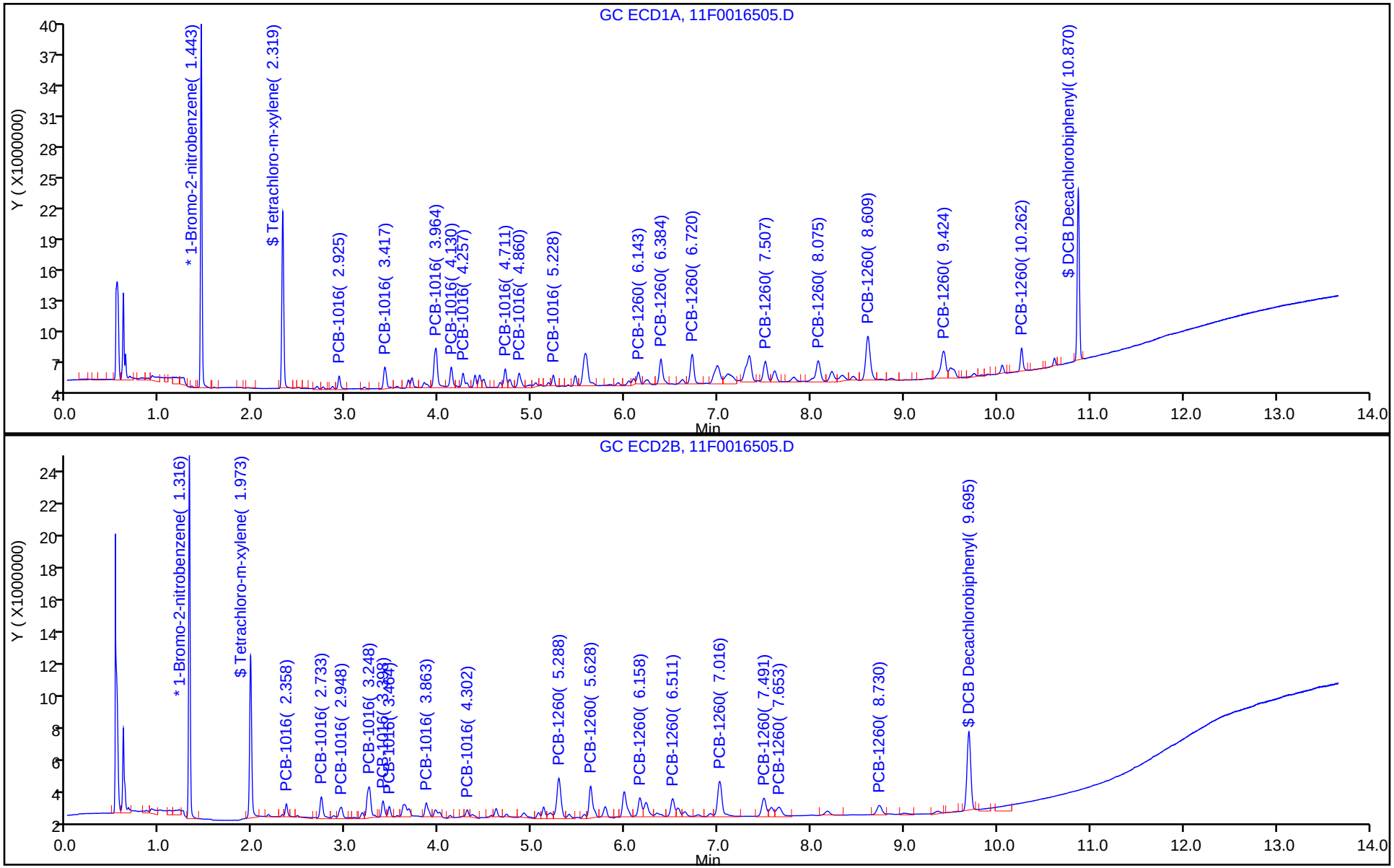
SG1660L1_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:20:55 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016505.D

Injection Date:	28-Nov-2022 15:53:11	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016506.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 16:09:53 ALS Bottle#: 14 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:59 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 16:37:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.443	1.443	0.000	39862306	20.0	20.0	
2	1.315	1.315	0.000	25407118	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.320	2.320	0.000	316190708	150.0	157.2	
2	1.973	1.973	0.000	203934849	150.0	162.1	
						RPD = 3.12	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.925	2.925	0.000	60536380	1500.0	1561.1	
1	3.417	3.418	-0.001	133285254	1500.0	1569.4	
1	3.963	3.965	-0.002	280804900	1500.0	1527.3	
1	4.130	4.130	0.000	117333484	1500.0	1514.4	
1	4.259	4.259	0.000	94033466	1500.0	1516.2	
1	4.711	4.711	0.000	90448215	1500.0	1531.1	
1	4.860	4.860	0.000	93998530	1500.0	1538.0	
1	5.228	5.228	0.000	60354236	1500.0	1513.8	
		Average of Peak Amounts =				1533.9	
2	2.355	2.355	0.000	38194759	1500.0	1557.7	
2	2.733	2.733	0.000	74009769	1500.0	1556.9	
2	2.945	2.945	0.000	48804661	1500.0	1574.3	
2	3.245	3.245	0.000	157000219	1500.0	1582.7	
2	3.393	3.395	-0.002	64124773	1500.0	1576.5	
2	3.463	3.464	-0.001	40845603	1500.0	1623.8	
2	3.861	3.861	0.000	63374309	1500.0	1533.5	
2	4.301	4.301	0.000	27009864	1500.0	1523.1	
		Average of Peak Amounts =				1566.1	
						RPD = 2.07	
8 PCB-1260							M
1	6.141	6.140	0.001	83258831	1500.0	1543.0	
1	6.385	6.385	0.000	188968760	1500.0	1558.1	
1	6.719	6.719	0.000	213084781	1500.0	1536.9	
1	7.506	7.506	0.000	172838083	1500.0	1550.0	
1	8.075	8.076	-0.001	203857731	1500.0	1572.2	
1	8.607	8.610	-0.003	439930403	1500.0	1567.3	
1	9.423	9.425	-0.002	315013784	1500.0	1606.7	
1	10.261	10.260	0.001	133866501	1500.0	1620.7	
		Average of Peak Amounts =				1569.4	
2	5.285	5.286	-0.001	84422127	1500.0	1578.9	M
2	5.628	5.629	-0.001	150267461	1500.0	1542.1	M
2	6.158	6.158	0.000	83995594	1500.0	1498.3	M
2	6.510	6.510	0.000	87105143	1500.0	1517.9	M
2	7.015	7.014	0.001	211462656	1500.0	1550.9	M
2	7.491	7.490	0.001	102484739	1500.0	1551.0	
2	7.649	7.654	-0.005	62563382	1500.0	1559.6	
2	8.730	8.733	-0.003	61830305	1500.0	1601.4	
		Average of Peak Amounts =				1550.0	
						RPD = 1.24	
$ 11 DCB Decachlorobiphenyl							
1	10.872	10.865	0.007	351312608	150.0	159.1	
2	9.695	9.695	0.000	162250148	150.0	155.1	
						RPD = 2.53	
S 12 Polychlorinated biphenyls, Total							
1						3103.3	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

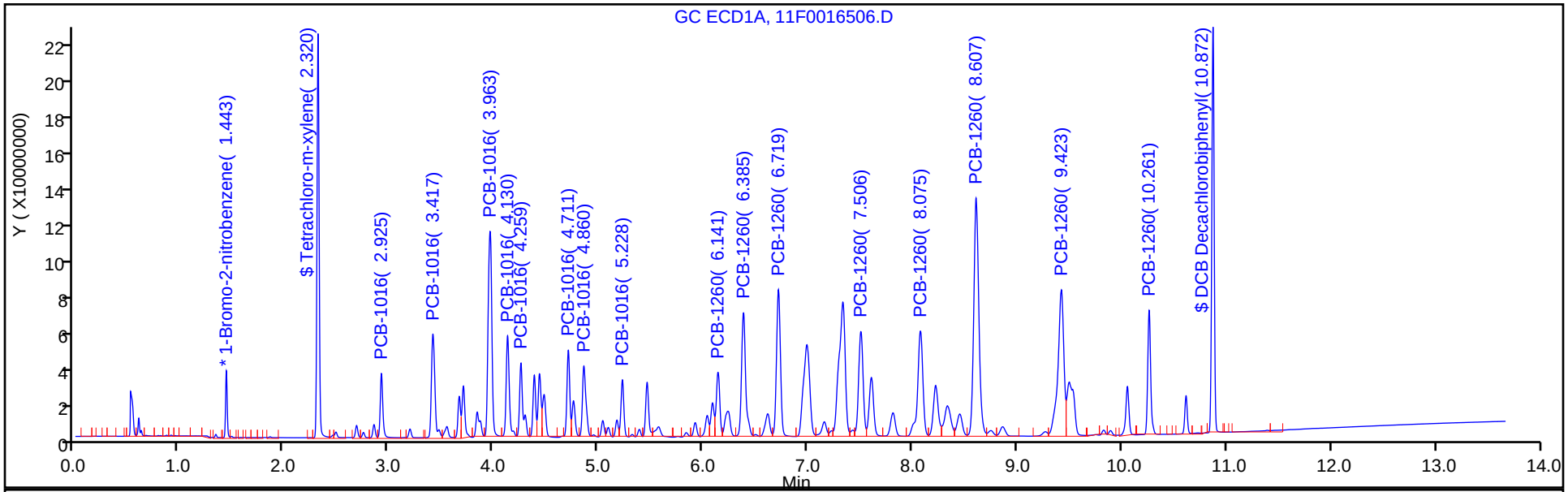
SG1660L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

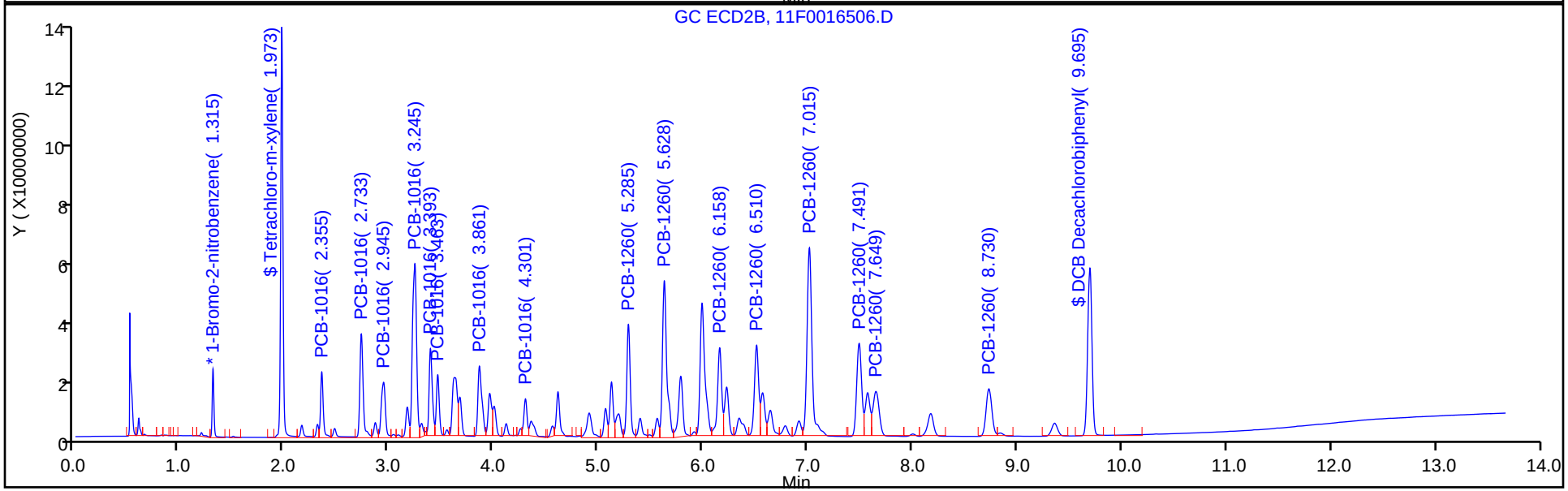
Report Date: 02-Dec-2022 09:20:59 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016506.D

Injection Date:	28-Nov-2022 16:09:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 14:29 Calibration End Date: 11/28/2022 16:09 Calibration ID: 91721

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/8	11F0016505.D
Level 2	IC 460-880106/3	11F0016500.D
Level 3	IC 460-880106/7	11F0016504.D
Level 4	IC 460-880106/9	11F0016506.D
Level 5	IC 460-880106/6	11F0016503.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
PCB-1016 Peak 1	0.0225	0.0177	0.0187	0.0200	0.0174	Ave		0.0193				10.7		20.0			
PCB-1016 Peak 2	0.0443	0.0345	0.0349	0.0388	0.0345	Ave		0.0374				11.4		20.0			
PCB-1016 Peak 3	0.0276	0.0228	0.0232	0.0256	0.0227	Ave		0.0244				8.8		20.0			
PCB-1016 Peak 4	0.0898	0.0717	0.0730	0.0824	0.0735	Ave		0.0781				10.0		20.0			
PCB-1016 Peak 5	0.0335	0.0307	0.0312	0.0337	0.0310	Ave		0.0320				4.5		20.0			
PCB-1016 Peak 6	0.0200	0.0189	0.0195	0.0214	0.0192	Ave		0.0198				5.1		20.0			
PCB-1016 Peak 7	0.0388	0.0302	0.0308	0.0333	0.0297	Ave		0.0325				11.5		20.0			
PCB-1016 Peak 8	0.0161	0.0129	0.0140	0.0142	0.0126	Ave		0.0140				9.8		20.0			
PCB-1260 Peak 1	0.1215	0.0450	0.0463	0.0443	0.0389	Lin2	4.0931	0.0395							0.9960		0.9900
PCB-1260 Peak 2	0.0882	0.0695	0.0775	0.0789	0.0695	Ave		0.0767				10.1		20.0			
PCB-1260 Peak 3	0.0558	0.0392	0.0428	0.0441	0.0387	Ave		0.0441				15.6		20.0			
PCB-1260 Peak 4	0.0542	0.0407	0.0453	0.0457	0.0400	Ave		0.0452				12.6		20.0			
PCB-1260 Peak 5	0.1223	0.0968	0.1085	0.1110	0.0981	Ave		0.1073				9.7		20.0			
PCB-1260 Peak 6	0.0588	0.0469	0.0530	0.0538	0.0476	Ave		0.0520				9.4		20.0			
PCB-1260 Peak 7	0.0376	0.0296	0.0292	0.0328	0.0286	Ave		0.0316				11.9		20.0			
PCB-1260 Peak 8	0.0349	0.0283	0.0278	0.0324	0.0285	Ave		0.0304				10.3		20.0			
Tetrachloro-m-xylene	0.9708	0.9250	1.0137	1.0702	0.9707	Ave		0.9901				5.5		20.0			
DCB Decachlorobiphenyl	0.8703	0.7596	0.8478	0.8515	0.7887	Ave		0.8236				5.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 14:29 Calibration End Date: 11/28/2022 16:09 Calibration ID: 91721

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/8	11F0016505.D
Level 2	IC 460-880106/3	11F0016500.D
Level 3	IC 460-880106/7	11F0016504.D
Level 4	IC 460-880106/9	11F0016506.D
Level 5	IC 460-880106/6	11F0016503.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5
PCB-1016 Peak 1	BNB	Ave	1387588	10367877	17985882	38194759	50286125	50.0	500	1000	1500	2500
PCB-1016 Peak 2	BNB	Ave	2730667	20162422	33515699	74009769	99404388	50.0	500	1000	1500	2500
PCB-1016 Peak 3	BNB	Ave	1701927	13323915	22272018	48804661	65578871	50.0	500	1000	1500	2500
PCB-1016 Peak 4	BNB	Ave	5530248	41908733	70026843	157000219	211935399	50.0	500	1000	1500	2500
PCB-1016 Peak 5	BNB	Ave	2064142	17959010	29949368	64124773	89278184	50.0	500	1000	1500	2500
PCB-1016 Peak 6	BNB	Ave	1229687	11012687	18725119	40845603	55466286	50.0	500	1000	1500	2500
PCB-1016 Peak 7	BNB	Ave	2387016	17634412	29548879	63374309	85502547	50.0	500	1000	1500	2500
PCB-1016 Peak 8	BNB	Ave	991544	7540448	13433544	27009864	36368146	50.0	500	1000	1500	2500
PCB-1260 Peak 1	BNB	Lin2	7479433	26292686	44438729	84422127	112173105	50.0	500	1000	1500	2500
PCB-1260 Peak 2	BNB	Ave	5430965	40609410	74317682	150267461	200409491	50.0	500	1000	1500	2500
PCB-1260 Peak 3	BNB	Ave	3434546	22926612	41099218	83995594	111617795	50.0	500	1000	1500	2500
PCB-1260 Peak 4	BNB	Ave	3338268	23747996	43433612	87105143	115412110	50.0	500	1000	1500	2500
PCB-1260 Peak 5	BNB	Ave	7533664	56548909	104061909	211462656	282825459	50.0	500	1000	1500	2500
PCB-1260 Peak 6	BNB	Ave	3617913	27403457	50876027	102484739	137257698	50.0	500	1000	1500	2500
PCB-1260 Peak 7	BNB	Ave	2315722	17303150	28018254	62563382	82567696	50.0	500	1000	1500	2500
PCB-1260 Peak 8	BNB	Ave	2148316	16533700	26708786	61830305	82148531	50.0	500	1000	1500	2500
Tetrachloro-m-xylene	BNB	Ave	14945395	54039136	97269730	203934849	223910687	12.5	50.0	100	150	200
DCB Decachlorobiphenyl	BNB	Ave	13397295	44378942	81346075	162250148	181943938	12.5	50.0	100	150	200

Curve Type Legend

Ave = Average ISTD
Lin2 = Linear 1/conc^2 ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016500.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Nov-2022 14:29:25 ALS Bottle#: 8 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:42 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 14:55:38

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.442	0.001	36405009	20.0	20.0	M
2	1.315	1.315	0.000	23368147	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.320	2.320	0.000	85088006	50.0	46.3	
2	1.974	1.973	0.001	54039136	50.0	46.7	M
						RPD = 0.87	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	16245568	500.0	458.7	
1	3.416	3.418	-0.002	36171618	500.0	466.4	M
1	3.965	3.965	0.000	76612000	500.0	456.3	M
1	4.131	4.130	0.001	32572994	500.0	460.3	M
1	4.257	4.259	-0.002	25783727	500.0	455.2	M
1	4.711	4.711	0.000	24487912	500.0	453.9	M
1	4.860	4.860	0.000	25032257	500.0	448.5	M
1	5.228	5.228	0.000	16010543	500.0	439.7	M
		Average of Peak Amounts =				454.9	
2	2.356	2.355	0.001	10367877	500.0	459.7	M
2	2.734	2.733	0.001	20162422	500.0	461.1	M
2	2.946	2.945	0.001	13323915	500.0	467.3	M
2	3.246	3.245	0.001	41908733	500.0	459.4	M
2	3.395	3.395	0.000	17959010	500.0	480.1	M
2	3.464	3.464	0.000	11012687	500.0	476.0	M
2	3.862	3.861	0.001	17634412	500.0	463.9	M
2	4.302	4.301	0.001	7540448	500.0	462.3	M
		Average of Peak Amounts =				466.2	
						RPD = 2.47	
8 PCB-1260							M
1	6.142	6.140	0.002	22116873	500.0	448.8	M
1	6.385	6.385	0.000	51061569	500.0	461.0	M
1	6.720	6.719	0.001	56794223	500.0	448.5	M
1	7.509	7.506	0.003	45831760	500.0	450.0	
1	8.077	8.076	0.001	54066228	500.0	456.6	
1	8.607	8.610	-0.003	115486257	500.0	450.5	
1	9.426	9.425	0.001	81967591	500.0	457.8	M
1	10.256	10.260	-0.004	34693761	500.0	459.9	
		Average of Peak Amounts =				454.1	
2	5.287	5.286	0.001	26292686	500.0	466.1	
2	5.630	5.629	0.001	40609410	500.0	453.1	
2	6.159	6.158	0.001	22926612	500.0	444.7	
2	6.512	6.510	0.002	23747996	500.0	449.9	
2	7.017	7.014	0.003	56548909	500.0	450.9	
2	7.492	7.490	0.002	27403457	500.0	450.9	
2	7.650	7.654	-0.004	17303150	500.0	469.0	
2	8.735	8.733	0.002	16533700	500.0	465.6	
		Average of Peak Amounts =				456.3	
						RPD = 0.47	
$ 11 DCB Decachlorobiphenyl							M
1	10.860	10.865	-0.005	91713955	50.0	45.5	M
2	9.694	9.695	-0.001	44378942	50.0	46.1	
						RPD = 1.43	
S 12 Polychlorinated biphenyls, Total							
1						909.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

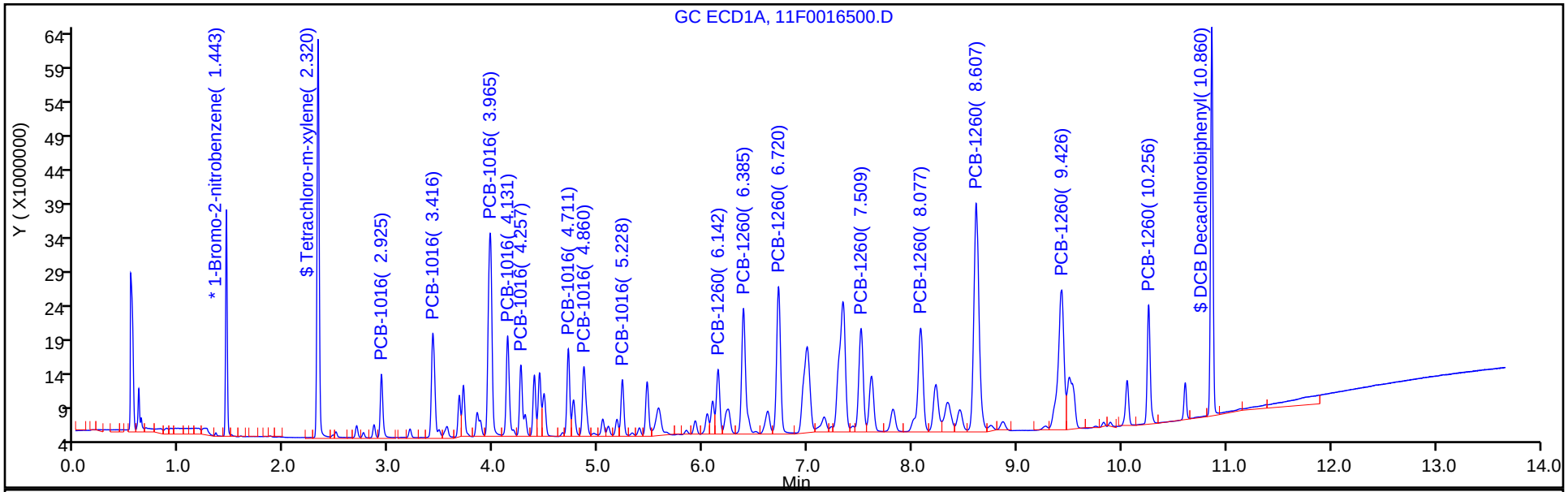
SG1660L2_00035	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

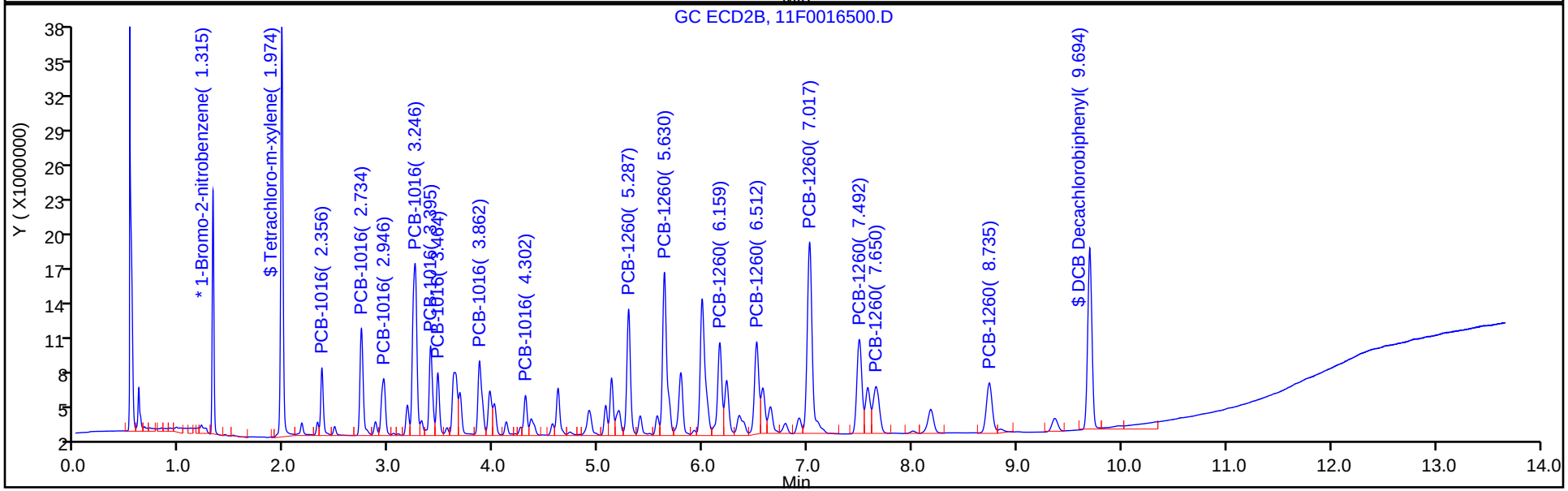
Report Date: 02-Dec-2022 09:20:42 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016500.D

Injection Date:	28-Nov-2022 14:29:25	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016503.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Nov-2022 15:19:42 ALS Bottle#: 11 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-006
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 15:41:54

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.443	1.442	0.001	36308422	20.0	20.0	
2	1.316	1.315	0.001	23067555	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.319	2.320	-0.001	356420888	200.0	194.5	
2	1.972	1.973	-0.001	223910687	200.0	196.1	M
						RPD = 0.81	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	80297329	2500.0	2273.4	
1	3.417	3.418	-0.001	166199814	2500.0	2148.5	M
1	3.964	3.965	-0.001	377166497	2500.0	2252.3	M
1	4.131	4.130	0.001	158434304	2500.0	2245.0	M
1	4.257	4.259	-0.002	127000160	2500.0	2248.1	M
1	4.712	4.711	0.001	119848696	2500.0	2227.3	M
1	4.861	4.860	0.001	125676620	2500.0	2257.6	M
1	5.227	5.228	-0.001	80871510	2500.0	2227.0	M
		Average of Peak Amounts =				2234.9	
2	2.353	2.355	-0.002	50286125	2500.0	2258.8	M
2	2.732	2.733	-0.001	99404388	2500.0	2303.2	M
2	2.945	2.945	0.000	65578871	2500.0	2330.0	M
2	3.243	3.245	-0.002	211935399	2500.0	2353.3	M
2	3.392	3.395	-0.003	89278184	2500.0	2417.6	M
2	3.462	3.464	-0.002	55466286	2500.0	2428.6	M
2	3.861	3.861	0.000	85502547	2500.0	2278.8	M
2	4.301	4.301	0.000	36368146	2500.0	2258.8	M
		Average of Peak Amounts =				2328.6	
						RPD = 4.11	
8 PCB-1260							M
1	6.142	6.140	0.002	111798537	2500.0	2274.8	M
1	6.384	6.385	-0.001	251695073	2500.0	2278.5	M
1	6.719	6.719	0.000	283945906	2500.0	2248.5	M
1	7.507	7.506	0.001	229154792	2500.0	2256.2	M
1	8.077	8.076	0.001	266633960	2500.0	2257.6	M
1	8.611	8.610	0.001	585386109	2500.0	2289.6	M
1	9.425	9.425	0.000	391121525	2500.0	2190.1	M
1	10.262	10.260	0.002	179798846	2500.0	2389.9	
		Average of Peak Amounts =				2273.1	
2	5.286	5.286	0.000	112173105	2500.0	2358.7	M
2	5.627	5.629	-0.002	200409491	2500.0	2265.3	M
2	6.157	6.158	-0.001	111617795	2500.0	2193.0	M
2	6.511	6.510	0.001	115412110	2500.0	2215.1	M
2	7.013	7.014	-0.001	282825459	2500.0	2284.7	M
2	7.490	7.490	0.000	137257698	2500.0	2287.9	
2	7.652	7.654	-0.002	82567696	2500.0	2267.0	
2	8.731	8.733	-0.002	82148531	2500.0	2343.5	
		Average of Peak Amounts =				2276.9	
						RPD = 0.17	
$ 11 DCB Decachlorobiphenyl							
1	10.867	10.865	0.002	396051267	200.0	196.9	
2	9.694	9.695	-0.001	181943938	200.0	191.5	
						RPD = 2.74	
S 12 Polychlorinated biphenyls, Total							
1						4508.0	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

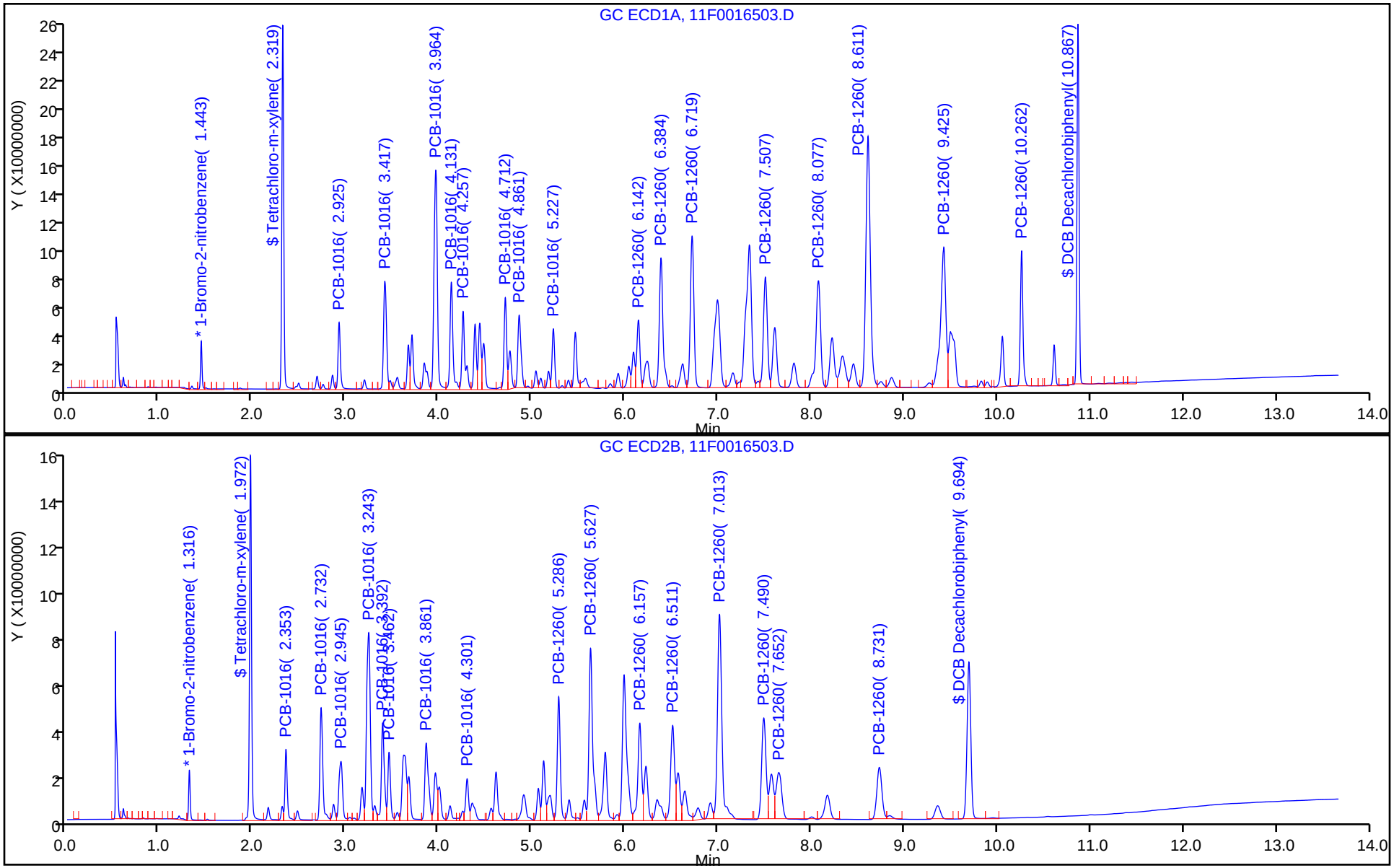
SG1660L5_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:20:47 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016503.D

Injection Date:	28-Nov-2022 15:19:42	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016504.D
Lims ID: IC PCB
Client ID:
Sample Type: ICIS Calib Level: 3
Inject. Date: 28-Nov-2022 15:36:27 ALS Bottle#: 12 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-007
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:50 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 15:52:05

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	29006477	20.0	20.0	M
2	1.315	1.315	0.000	19190305	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.320	2.320	0.000	153558443	100.0	104.9	
2	1.973	1.973	0.000	97269730	100.0	102.4	
						RPD = 2.41	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	28333648	1000.0	1004.1	
1	3.418	3.418	0.000	60735536	1000.0	982.8	M
1	3.965	3.965	0.000	127230324	1000.0	951.0	M
1	4.130	4.130	0.000	54007621	1000.0	957.9	M
1	4.259	4.259	0.000	42566545	1000.0	943.2	M
1	4.711	4.711	0.000	40782108	1000.0	948.7	
1	4.860	4.860	0.000	48331728	1000.0	1086.8	
1	5.228	5.228	0.000	33562329	1000.0	1156.9	
		Average of Peak Amounts =				1003.9	
2	2.355	2.355	0.000	17985882	1000.0	971.1	M
2	2.733	2.733	0.000	33515699	1000.0	933.4	M
2	2.945	2.945	0.000	22272018	1000.0	951.2	M
2	3.245	3.245	0.000	70026843	1000.0	934.7	M
2	3.395	3.395	0.000	29949368	1000.0	974.9	M
2	3.464	3.464	0.000	18725119	1000.0	985.5	M
2	3.861	3.861	0.000	29548879	1000.0	946.6	M
2	4.301	4.301	0.000	13433544	1000.0	1002.9	M
		Average of Peak Amounts =				962.6	
						RPD = 4.21	
8 PCB-1260							M
1	6.140	6.140	0.000	42849799	1000.0	1091.3	M
1	6.385	6.385	0.000	88141899	1000.0	998.8	M
1	6.719	6.719	0.000	106193781	1000.0	1052.6	M
1	7.506	7.506	0.000	83689217	1000.0	1031.4	M
1	8.076	8.076	0.000	97360595	1000.0	1031.9	M
1	8.610	8.610	0.000	214152107	1000.0	1048.4	M
1	9.425	9.425	0.000	150533180	1000.0	1055.1	M
1	10.260	10.260	0.000	55911388	1000.0	930.2	
		Average of Peak Amounts =				1030.0	
2	5.286	5.286	0.000	44438729	1000.0	1069.0	M
2	5.629	5.629	0.000	74317682	1000.0	1009.8	M
2	6.158	6.158	0.000	41099218	1000.0	970.6	M
2	6.510	6.510	0.000	43433612	1000.0	1002.1	M
2	7.014	7.014	0.000	104061909	1000.0	1010.5	M
2	7.490	7.490	0.000	50876027	1000.0	1019.4	
2	7.654	7.654	0.000	28018254	1000.0	924.7	
2	8.733	8.733	0.000	26708786	1000.0	915.9	
		Average of Peak Amounts =				990.2	
						RPD = 3.93	
$ 11 DCB Decachlorobiphenyl							
1	10.865	10.865	0.000	170359405	100.0	106.0	
2	9.695	9.695	0.000	81346075	100.0	102.9	
						RPD = 2.92	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

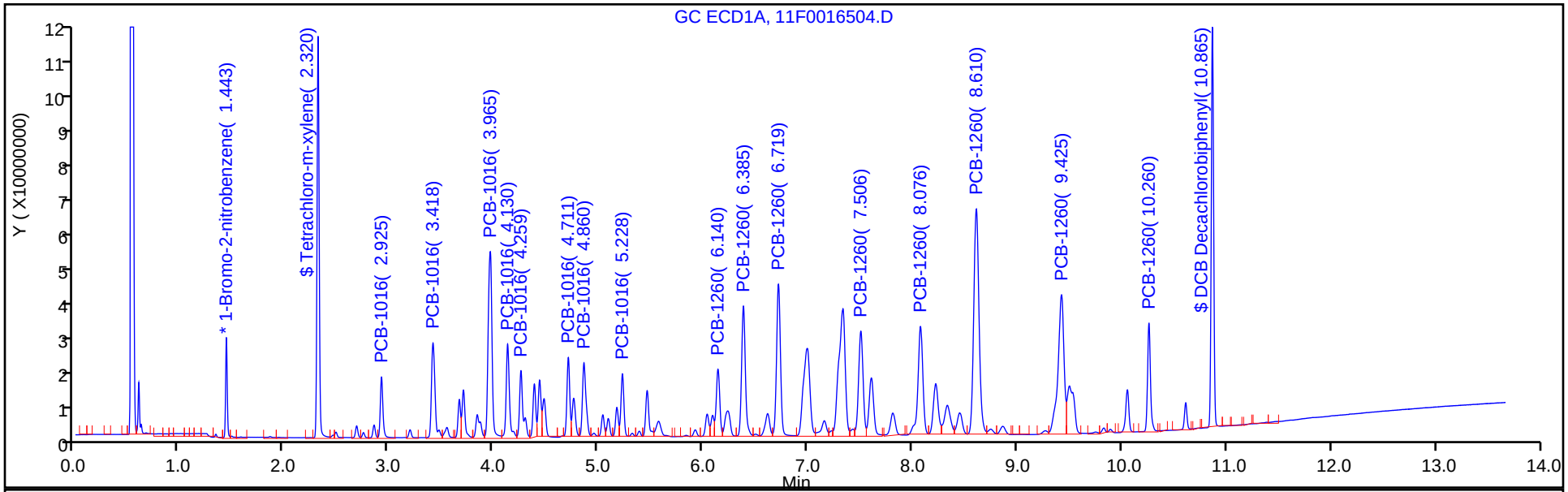
SG1660L3_00042	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

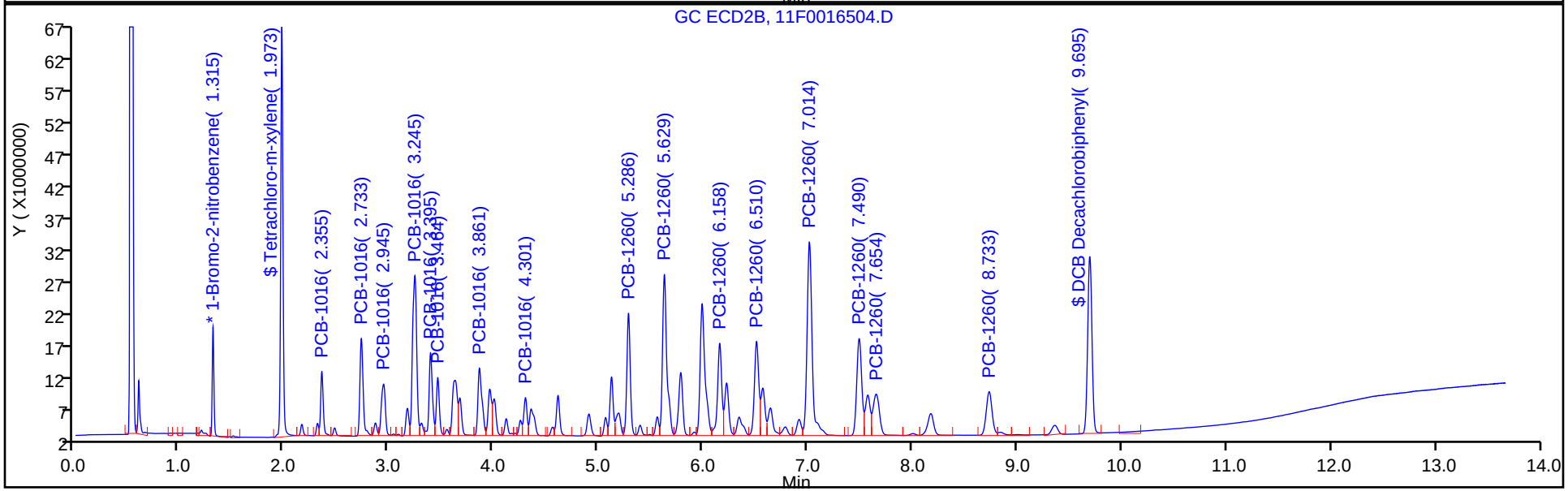
Report Date: 02-Dec-2022 09:20:51 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016504.D

Injection Date:	28-Nov-2022 15:36:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016505.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Nov-2022 15:53:11 ALS Bottle#: 13 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-008
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:54 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 16:39:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	39548206	20.0	20.0	
2	1.316	1.315	0.001	24630726	20.0	20.0	M
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							M
1	2.319	2.320	-0.001	25075352	12.5	12.6	
2	1.973	1.973	0.000	14945395	12.5	12.3	M
						RPD = 2.46	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.925	2.925	0.000	2170536	50.0	56.4	
1	3.417	3.418	-0.001	4966257	50.0	58.9	
1	3.964	3.965	-0.001	11101763	50.0	60.9	
1	4.130	4.130	0.000	4665074	50.0	60.7	M
1	4.257	4.259	-0.002	3803805	50.0	61.8	
1	4.711	4.711	0.000	3609952	50.0	61.6	
1	4.860	4.860	0.000	3297961	50.0	54.4	
1	5.228	5.228	0.000	2103804	50.0	53.2	
		Average of Peak Amounts =				58.5	
2	2.358	2.355	0.003	1387588	50.0	58.4	M
2	2.733	2.733	0.000	2730667	50.0	59.3	
2	2.948	2.945	0.003	1701927	50.0	56.6	M
2	3.248	3.245	0.003	5530248	50.0	57.5	
2	3.398	3.395	0.003	2064142	50.0	52.3	
2	3.464	3.464	0.000	1229687	50.0	50.4	
2	3.863	3.861	0.002	2387016	50.0	59.6	
2	4.302	4.301	0.001	991544	50.0	57.7	
		Average of Peak Amounts =				56.5	
						RPD = 3.50	
8 PCB-1260							M
1	6.143	6.140	0.003	2870456	50.0	53.6	
1	6.384	6.385	-0.001	6792755	50.0	56.5	M
1	6.720	6.719	0.001	7746272	50.0	56.3	M
1	7.507	7.506	0.001	6265586	50.0	56.6	M
1	8.075	8.076	-0.001	7100286	50.0	55.2	M
1	8.609	8.610	-0.001	15176437	50.0	54.5	M
1	9.424	9.425	-0.001	10525272	50.0	54.1	M
1	10.262	10.260	0.002	4562438	50.0	55.7	
		Average of Peak Amounts =				55.3	
2	5.288	5.286	0.002	7479433	50.0	50.1	
2	5.628	5.629	-0.001	5430965	50.0	57.5	M
2	6.158	6.158	0.000	3434546	50.0	63.2	M
2	6.511	6.510	0.001	3338268	50.0	60.0	M
2	7.016	7.014	0.002	7533664	50.0	57.0	M
2	7.491	7.490	0.001	3617913	50.0	56.5	M
2	7.653	7.654	-0.001	2315722	50.0	59.5	M
2	8.730	8.733	-0.003	2148316	50.0	57.4	M
		Average of Peak Amounts =				57.7	
						RPD = 4.15	
$ 11 DCB Decachlorobiphenyl							M
1	10.870	10.865	0.005	27011940	12.5	12.3	M
2	9.695	9.695	0.000	13397295	12.5	13.2	M
						RPD = 6.91	
S 12 Polychlorinated biphenyls, Total							
1						113.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

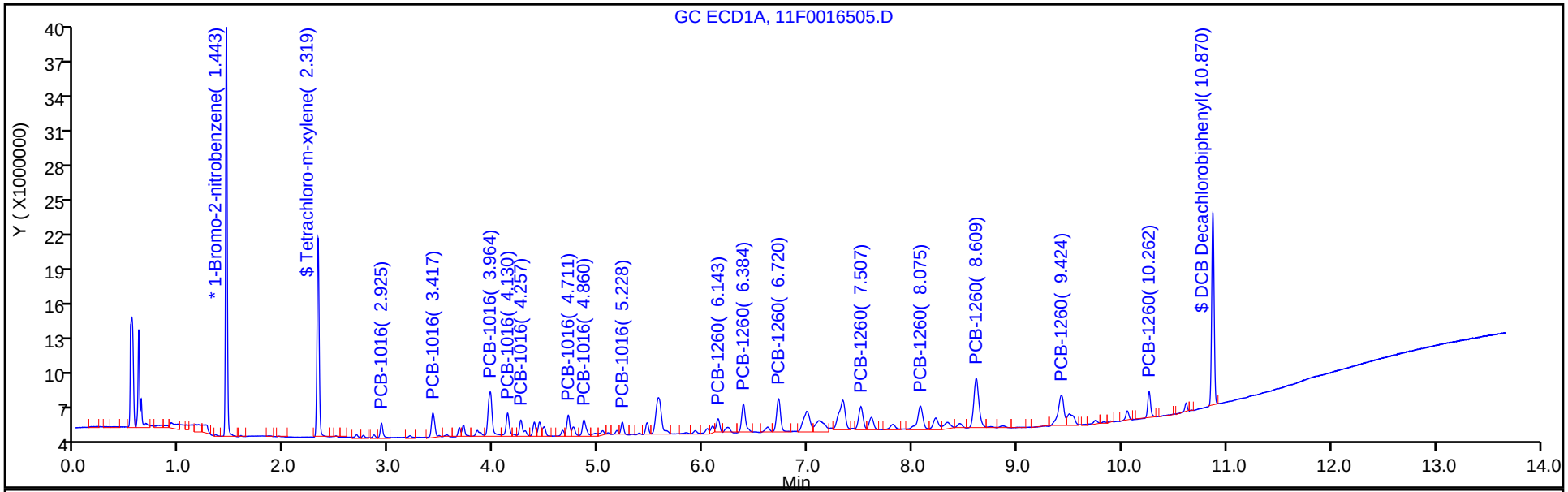
SG1660L1_00026	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

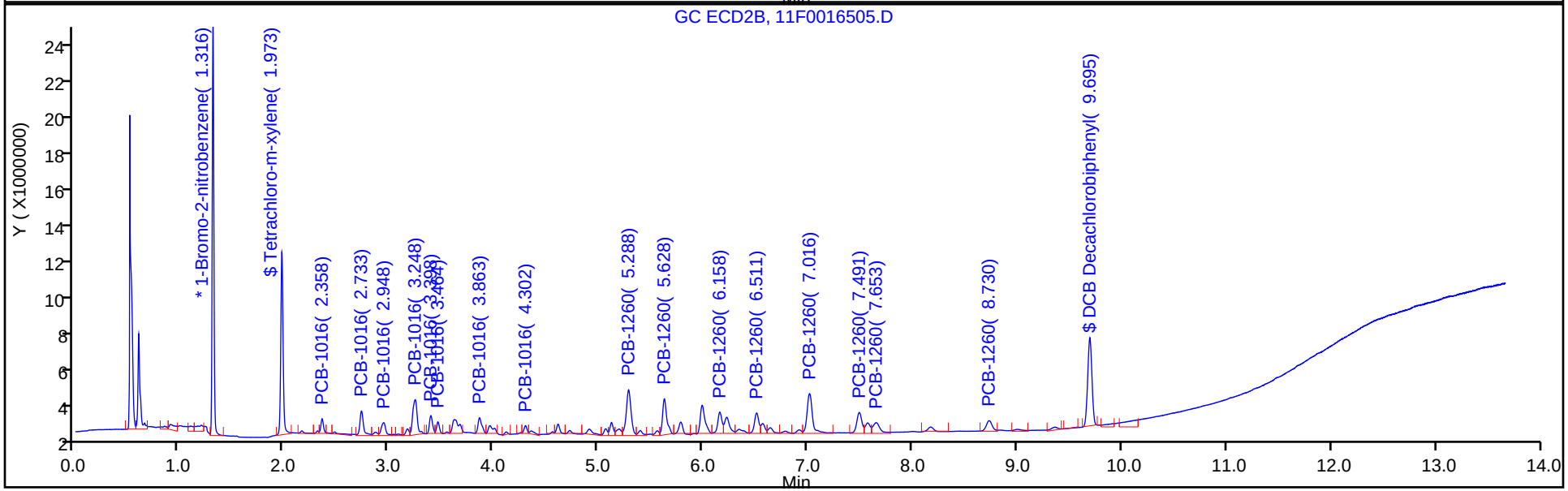
Report Date: 02-Dec-2022 09:20:55 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016505.D

Injection Date:	28-Nov-2022 15:53:11	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016506.D
Lims ID: IC PCB
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 16:09:53 ALS Bottle#: 14 Worklist Smp#: 9
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-009
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:20:59 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 16:37:36

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.443	1.443	0.000	39862306	20.0	20.0	
2	1.315	1.315	0.000	25407118	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.320	2.320	0.000	316190708	150.0	157.2	
2	1.973	1.973	0.000	203934849	150.0	162.1	
						RPD = 3.12	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.925	2.925	0.000	60536380	1500.0	1561.1	
1	3.417	3.418	-0.001	133285254	1500.0	1569.4	
1	3.963	3.965	-0.002	280804900	1500.0	1527.3	
1	4.130	4.130	0.000	117333484	1500.0	1514.4	
1	4.259	4.259	0.000	94033466	1500.0	1516.2	
1	4.711	4.711	0.000	90448215	1500.0	1531.1	
1	4.860	4.860	0.000	93998530	1500.0	1538.0	
1	5.228	5.228	0.000	60354236	1500.0	1513.8	
		Average of Peak Amounts =				1533.9	
2	2.355	2.355	0.000	38194759	1500.0	1557.7	
2	2.733	2.733	0.000	74009769	1500.0	1556.9	
2	2.945	2.945	0.000	48804661	1500.0	1574.3	
2	3.245	3.245	0.000	157000219	1500.0	1582.7	
2	3.393	3.395	-0.002	64124773	1500.0	1576.5	
2	3.463	3.464	-0.001	40845603	1500.0	1623.8	
2	3.861	3.861	0.000	63374309	1500.0	1533.5	
2	4.301	4.301	0.000	27009864	1500.0	1523.1	
		Average of Peak Amounts =				1566.1	
						RPD = 2.07	
8 PCB-1260							M
1	6.141	6.140	0.001	83258831	1500.0	1543.0	
1	6.385	6.385	0.000	188968760	1500.0	1558.1	
1	6.719	6.719	0.000	213084781	1500.0	1536.9	
1	7.506	7.506	0.000	172838083	1500.0	1550.0	
1	8.075	8.076	-0.001	203857731	1500.0	1572.2	
1	8.607	8.610	-0.003	439930403	1500.0	1567.3	
1	9.423	9.425	-0.002	315013784	1500.0	1606.7	
1	10.261	10.260	0.001	133866501	1500.0	1620.7	
		Average of Peak Amounts =				1569.4	
2	5.285	5.286	-0.001	84422127	1500.0	1578.9	M
2	5.628	5.629	-0.001	150267461	1500.0	1542.1	M
2	6.158	6.158	0.000	83995594	1500.0	1498.3	M
2	6.510	6.510	0.000	87105143	1500.0	1517.9	M
2	7.015	7.014	0.001	211462656	1500.0	1550.9	M
2	7.491	7.490	0.001	102484739	1500.0	1551.0	
2	7.649	7.654	-0.005	62563382	1500.0	1559.6	
2	8.730	8.733	-0.003	61830305	1500.0	1601.4	
		Average of Peak Amounts =				1550.0	
						RPD = 1.24	
$ 11 DCB Decachlorobiphenyl							
1	10.872	10.865	0.007	351312608	150.0	159.1	
2	9.695	9.695	0.000	162250148	150.0	155.1	
						RPD = 2.53	
S 12 Polychlorinated biphenyls, Total							
1						3103.3	

QC Flag Legend

Processing Flags

Review Flags
M - Manually Integrated

Reagents:

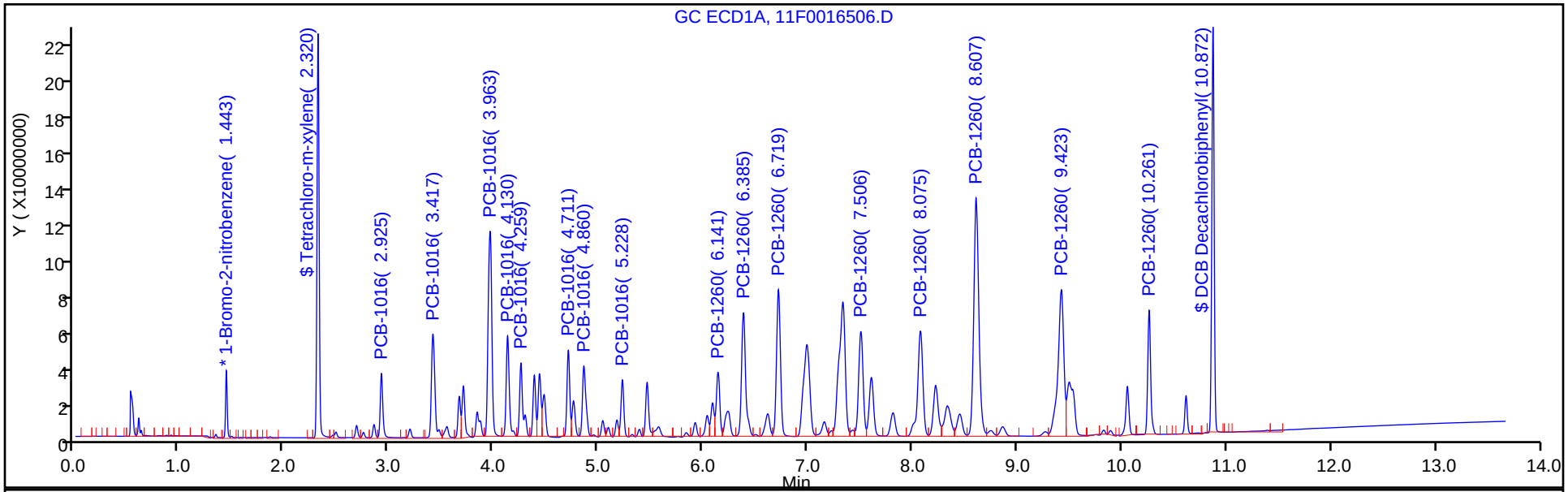
SG1660L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

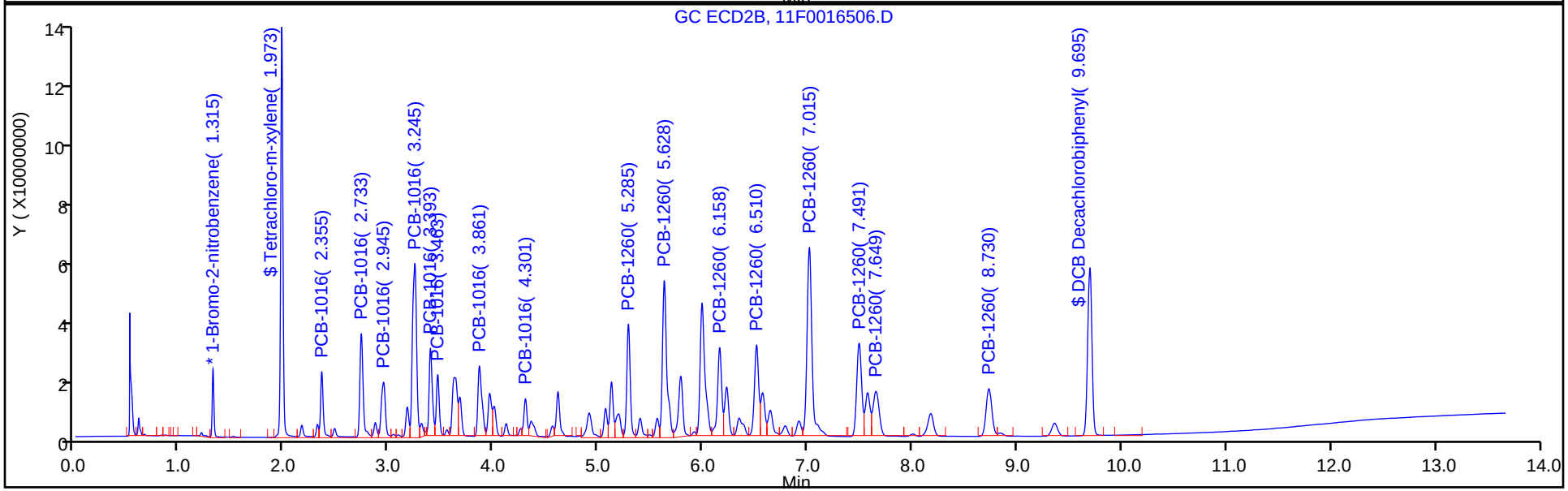
Report Date: 02-Dec-2022 09:20:59 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016506.D

Injection Date:	28-Nov-2022 16:09:53	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC PCB			Worklist Smp#:	9
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 16:43 Calibration End Date: 11/28/2022 16:43 Calibration ID: 91726

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/11	11F0016508.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0074					Ave		0.0074						20.0			
PCB-1221 Peak 2	0.0119					Ave		0.0119						20.0			
PCB-1221 Peak 3	0.0077					Ave		0.0077						20.0			
PCB-1221 Peak 4	0.0292					Ave		0.0292						20.0			
PCB-1221 Peak 5	0.0034					Ave		0.0034						20.0			
PCB-1221 Peak 6	0.0070					Ave		0.0070						20.0			
PCB-1221 Peak 7	0.0034					Ave		0.0034						20.0			
PCB-1221 Peak 8	0.0023					Ave		0.0023						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 16:43 Calibration End Date: 11/28/2022 16:43 Calibration ID: 91726

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/11	11F0016508.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	14187559					1000				
PCB-1221 Peak 2	BNB	Ave	22879993					1000				
PCB-1221 Peak 3	BNB	Ave	14729832					1000				
PCB-1221 Peak 4	BNB	Ave	56044141					1000				
PCB-1221 Peak 5	BNB	Ave	6577854					1000				
PCB-1221 Peak 6	BNB	Ave	13445199					1000				
PCB-1221 Peak 7	BNB	Ave	6558316					1000				
PCB-1221 Peak 8	BNB	Ave	4353113					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016508.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 16:43:21 ALS Bottle#: 16 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:02 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:40:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.442	1.443	-0.001	38405155	20.0	20.0	M
2	1.315	1.315	0.000	23337430	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	1.861	1.861	0.000	14187559	1000.0	1000.0	M
1	2.687	2.687	0.000	22879993	1000.0	1000.0	
1	2.854	2.854	0.000	14729832	1000.0	1000.0	
1	2.925	2.925	0.000	56044141	1000.0	1000.0	
1	3.475	3.475	0.000	6577854	1000.0	1000.0	M
1	3.964	3.964	0.000	13445199	1000.0	1000.0	
1	4.132	4.132	0.000	6558316	1000.0	1000.0	
1	4.257	4.257	0.000	4353113	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	1.507	1.507	0.000	10098446	1000.0	1000.0	
2	2.163	2.163	0.000	13990001	1000.0	1000.0	
2	2.313	2.313	0.000	8027812	1000.0	1000.0	
2	2.354	2.354	0.000	32594001	1000.0	1000.0	
2	2.735	2.735	0.000	4062421	1000.0	1000.0	
2	2.870	2.870	0.000	4336271	1000.0	1000.0	
2	3.248	3.248	0.000	6876012	1000.0	1000.0	M
2	3.396	3.396	0.000	2934317	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

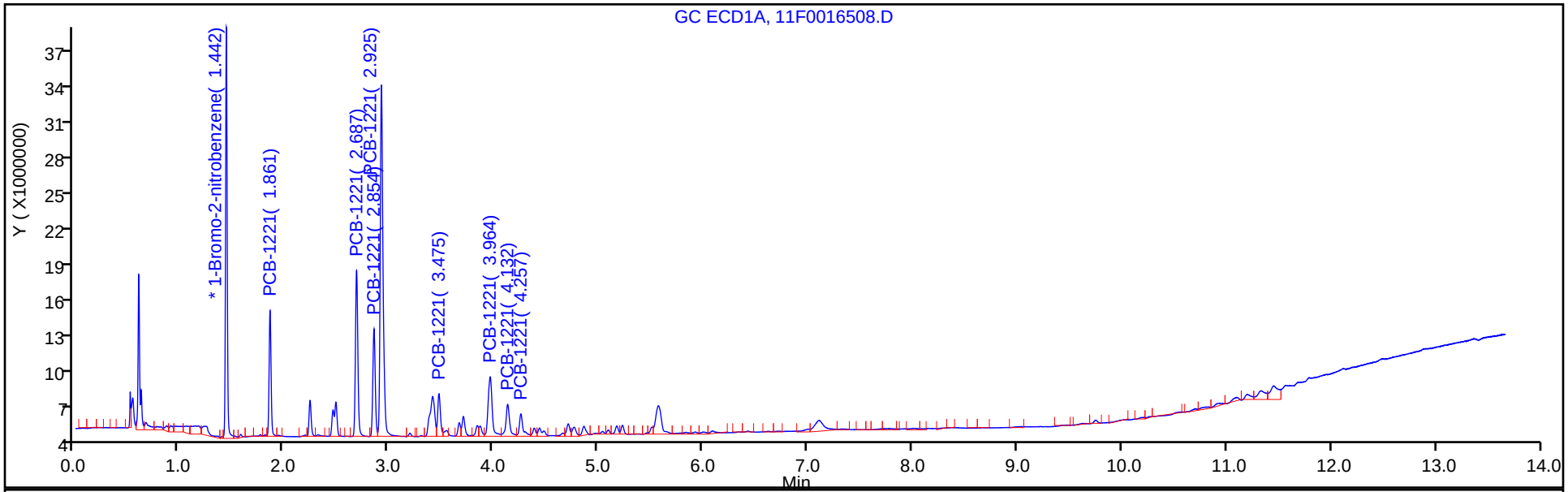
SG1221L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

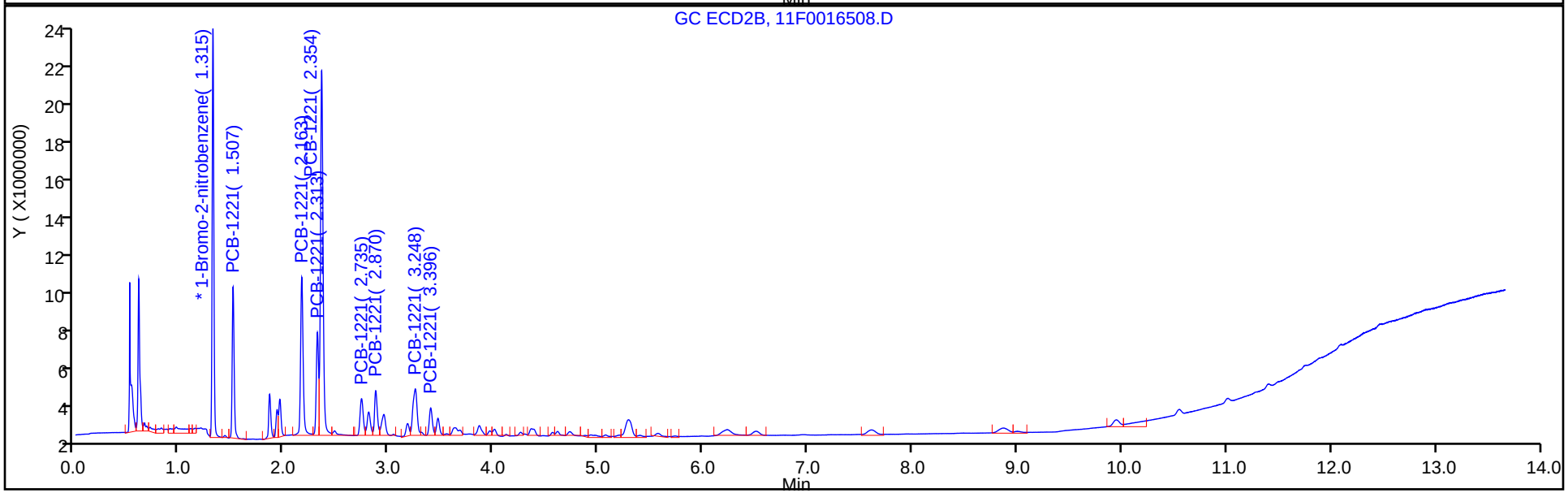
Report Date: 02-Dec-2022 09:21:02 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016508.D

Injection Date:	28-Nov-2022 16:43:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 16:43 Calibration End Date: 11/28/2022 16:43 Calibration ID: 91727

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/11	11F0016508.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1221 Peak 1	0.0087					Ave		0.0087						20.0			
PCB-1221 Peak 2	0.0120					Ave		0.0120						20.0			
PCB-1221 Peak 3	0.0069					Ave		0.0069						20.0			
PCB-1221 Peak 4	0.0279					Ave		0.0279						20.0			
PCB-1221 Peak 5	0.0035					Ave		0.0035						20.0			
PCB-1221 Peak 6	0.0037					Ave		0.0037						20.0			
PCB-1221 Peak 7	0.0059					Ave		0.0059						20.0			
PCB-1221 Peak 8	0.0025					Ave		0.0025						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 16:43 Calibration End Date: 11/28/2022 16:43 Calibration ID: 91727

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/11	11F0016508.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1221 Peak 1	BNB	Ave	10098446					1000				
PCB-1221 Peak 2	BNB	Ave	13990001					1000				
PCB-1221 Peak 3	BNB	Ave	8027812					1000				
PCB-1221 Peak 4	BNB	Ave	32594001					1000				
PCB-1221 Peak 5	BNB	Ave	4062421					1000				
PCB-1221 Peak 6	BNB	Ave	4336271					1000				
PCB-1221 Peak 7	BNB	Ave	6876012					1000				
PCB-1221 Peak 8	BNB	Ave	2934317					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016508.D
Lims ID: IC 1221
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 16:43:21 ALS Bottle#: 16 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-011
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub3

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:02 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:40:57

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.442	1.443	-0.001	38405155	20.0	20.0	M
2	1.315	1.315	0.000	23337430	20.0	20.0	
						RPD = 0.00	
1 PCB-1221							M
1	1.861	1.861	0.000	14187559	1000.0	1000.0	M
1	2.687	2.687	0.000	22879993	1000.0	1000.0	
1	2.854	2.854	0.000	14729832	1000.0	1000.0	
1	2.925	2.925	0.000	56044141	1000.0	1000.0	
1	3.475	3.475	0.000	6577854	1000.0	1000.0	M
1	3.964	3.964	0.000	13445199	1000.0	1000.0	
1	4.132	4.132	0.000	6558316	1000.0	1000.0	
1	4.257	4.257	0.000	4353113	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	1.507	1.507	0.000	10098446	1000.0	1000.0	
2	2.163	2.163	0.000	13990001	1000.0	1000.0	
2	2.313	2.313	0.000	8027812	1000.0	1000.0	
2	2.354	2.354	0.000	32594001	1000.0	1000.0	
2	2.735	2.735	0.000	4062421	1000.0	1000.0	
2	2.870	2.870	0.000	4336271	1000.0	1000.0	
2	3.248	3.248	0.000	6876012	1000.0	1000.0	M
2	3.396	3.396	0.000	2934317	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

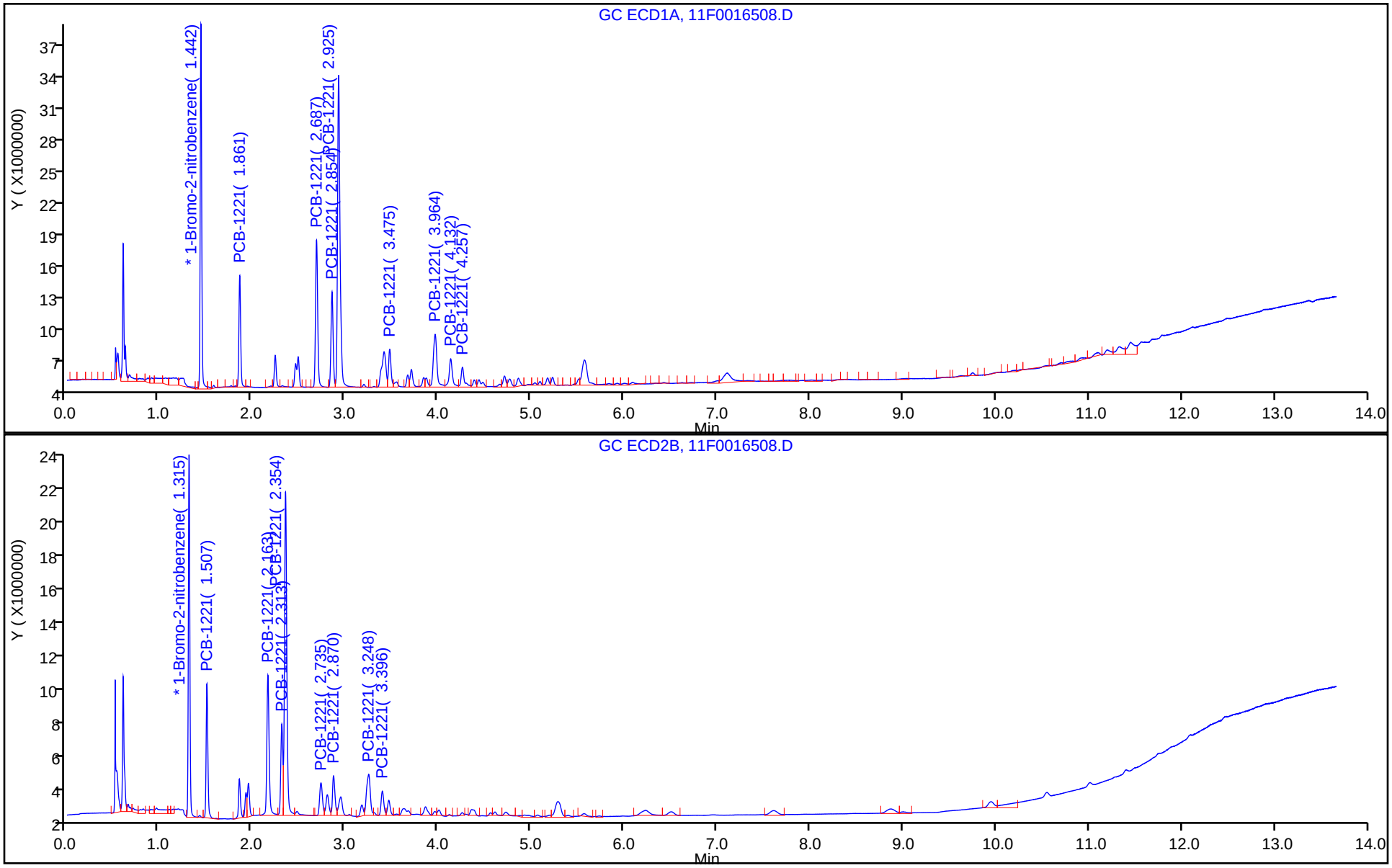
SG1221L4_00033	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:02 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016508.D

Injection Date:	28-Nov-2022 16:43:21	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1221			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:00 Calibration End Date: 11/28/2022 17:00 Calibration ID: 91732

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/12	11F0016509.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0216					Ave		0.0216						20.0			
PCB-1232 Peak 2	0.0175					Ave		0.0175						20.0			
PCB-1232 Peak 3	0.0364					Ave		0.0364						20.0			
PCB-1232 Peak 4	0.0156					Ave		0.0156						20.0			
PCB-1232 Peak 5	0.0122					Ave		0.0122						20.0			
PCB-1232 Peak 6	0.0107					Ave		0.0107						20.0			
PCB-1232 Peak 7	0.0109					Ave		0.0109						20.0			
PCB-1232 Peak 8	0.0127					Ave		0.0127						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:00 Calibration End Date: 11/28/2022 17:00 Calibration ID: 91732

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/12	11F0016509.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	41875567					1000				
PCB-1232 Peak 2	BNB	Ave	33853103					1000				
PCB-1232 Peak 3	BNB	Ave	70424847					1000				
PCB-1232 Peak 4	BNB	Ave	30173220					1000				
PCB-1232 Peak 5	BNB	Ave	23595788					1000				
PCB-1232 Peak 6	BNB	Ave	20672020					1000				
PCB-1232 Peak 7	BNB	Ave	21077268					1000				
PCB-1232 Peak 8	BNB	Ave	24641793					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016509.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:00:05 ALS Bottle#: 17 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:05 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.442	1.443	-0.001	38718943	20.0	20.0	
2	1.315	1.315	0.000	23328480	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	2.925	2.925	0.000	41875567	1000.0	1000.0	
1	3.417	3.417	0.000	33853103	1000.0	1000.0	
1	3.963	3.963	0.000	70424847	1000.0	1000.0	
1	4.130	4.130	0.000	30173220	1000.0	1000.0	
1	4.257	4.257	0.000	23595788	1000.0	1000.0	
1	4.711	4.711	0.000	20672020	1000.0	1000.0	
1	5.174	5.174	0.000	21077268	1000.0	1000.0	
1	5.229	5.229	0.000	24641793	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.354	2.354	0.000	24542529	1000.0	1000.0	
2	2.733	2.733	0.000	17979034	1000.0	1000.0	
2	2.947	2.947	0.000	12738736	1000.0	1000.0	
2	3.245	3.245	0.000	38464238	1000.0	1000.0	
2	3.394	3.394	0.000	16364954	1000.0	1000.0	
2	3.463	3.463	0.000	10339929	1000.0	1000.0	
2	3.861	3.861	0.000	14915752	1000.0	1000.0	
2	4.379	4.357	0.022	22693933	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

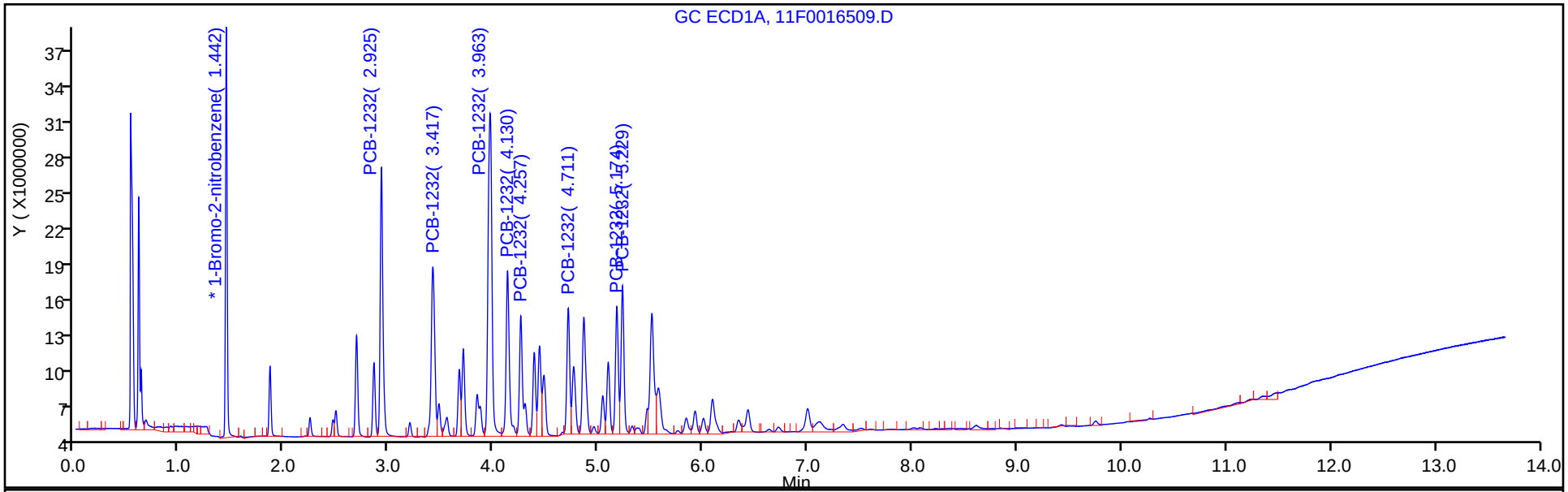
SG1232L4_00035	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

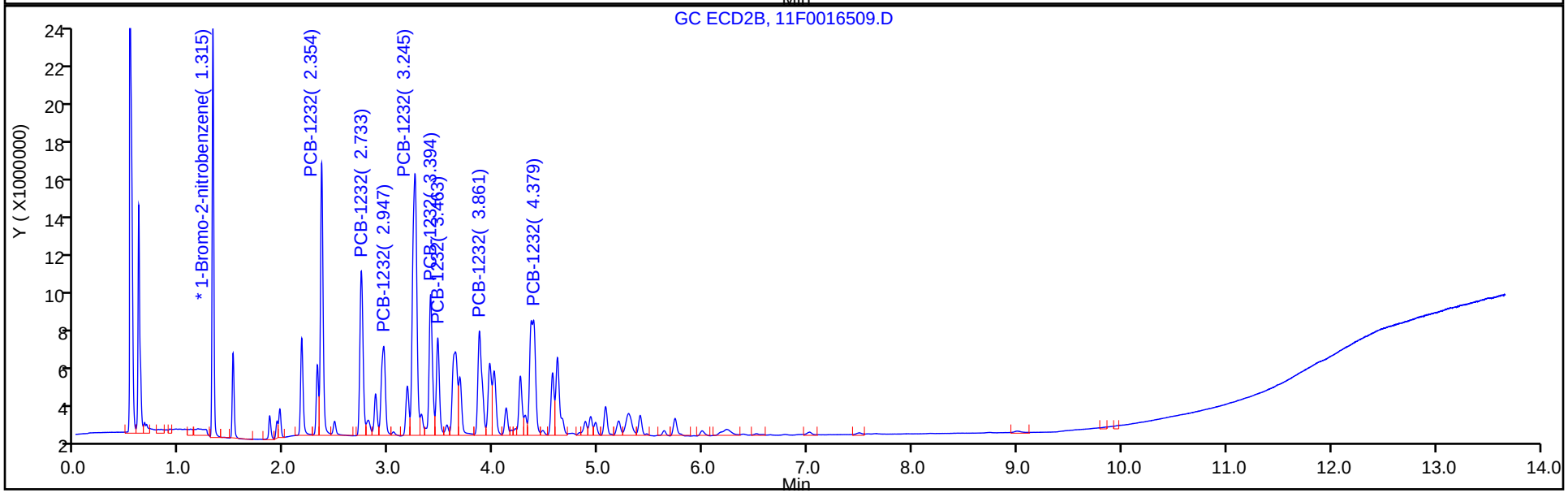
Report Date: 02-Dec-2022 09:21:05 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016509.D

Injection Date:	28-Nov-2022 17:00:05	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:00 Calibration End Date: 11/28/2022 17:00 Calibration ID: 91733

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/12	11F0016509.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1232 Peak 1	0.0210					Ave		0.0210						20.0			
PCB-1232 Peak 2	0.0154					Ave		0.0154						20.0			
PCB-1232 Peak 3	0.0109					Ave		0.0109						20.0			
PCB-1232 Peak 4	0.0330					Ave		0.0330						20.0			
PCB-1232 Peak 5	0.0140					Ave		0.0140						20.0			
PCB-1232 Peak 6	0.0089					Ave		0.0089						20.0			
PCB-1232 Peak 7	0.0128					Ave		0.0128						20.0			
PCB-1232 Peak 8	0.0195					Ave		0.0195						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:00 Calibration End Date: 11/28/2022 17:00 Calibration ID: 91733

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/12	11F0016509.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1232 Peak 1	BNB	Ave	24542529					1000				
PCB-1232 Peak 2	BNB	Ave	17979034					1000				
PCB-1232 Peak 3	BNB	Ave	12738736					1000				
PCB-1232 Peak 4	BNB	Ave	38464238					1000				
PCB-1232 Peak 5	BNB	Ave	16364954					1000				
PCB-1232 Peak 6	BNB	Ave	10339929					1000				
PCB-1232 Peak 7	BNB	Ave	14915752					1000				
PCB-1232 Peak 8	BNB	Ave	22693933					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016509.D
Lims ID: IC 1232
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:00:05 ALS Bottle#: 17 Worklist Smp#: 12
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-012
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub4

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:05 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:03

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.442	1.443	-0.001	38718943	20.0	20.0	
2	1.315	1.315	0.000	23328480	20.0	20.0	M
						RPD = 0.00	
3 PCB-1232							M
1	2.925	2.925	0.000	41875567	1000.0	1000.0	
1	3.417	3.417	0.000	33853103	1000.0	1000.0	
1	3.963	3.963	0.000	70424847	1000.0	1000.0	
1	4.130	4.130	0.000	30173220	1000.0	1000.0	
1	4.257	4.257	0.000	23595788	1000.0	1000.0	
1	4.711	4.711	0.000	20672020	1000.0	1000.0	
1	5.174	5.174	0.000	21077268	1000.0	1000.0	
1	5.229	5.229	0.000	24641793	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.354	2.354	0.000	24542529	1000.0	1000.0	
2	2.733	2.733	0.000	17979034	1000.0	1000.0	
2	2.947	2.947	0.000	12738736	1000.0	1000.0	
2	3.245	3.245	0.000	38464238	1000.0	1000.0	
2	3.394	3.394	0.000	16364954	1000.0	1000.0	
2	3.463	3.463	0.000	10339929	1000.0	1000.0	
2	3.861	3.861	0.000	14915752	1000.0	1000.0	
2	4.379	4.357	0.022	22693933	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

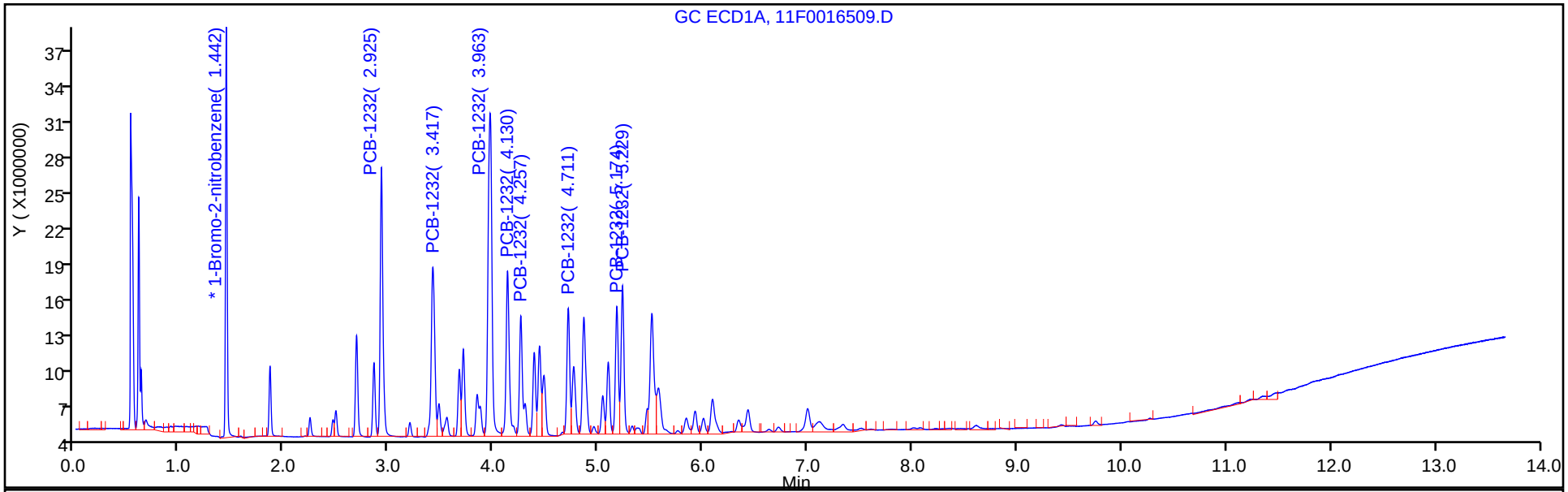
SG1232L4_00035	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

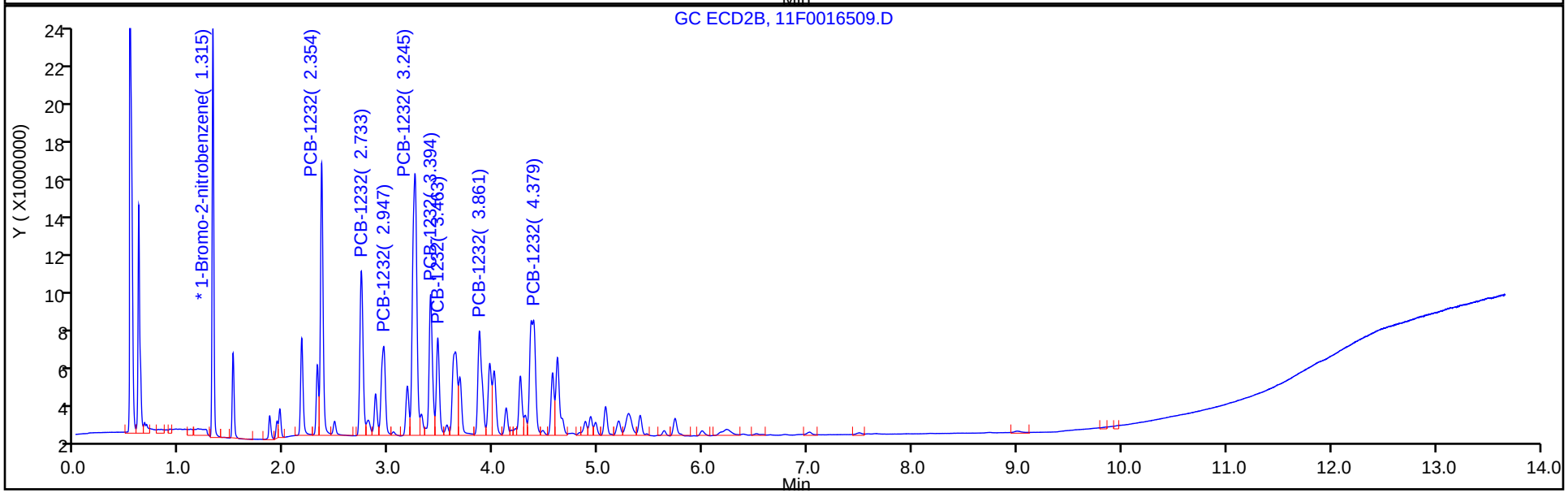
Report Date: 02-Dec-2022 09:21:06 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016509.D

Injection Date:	28-Nov-2022 17:00:05	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1232			Worklist Smp#:	12
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:16 Calibration End Date: 11/28/2022 17:16 Calibration ID: 91738

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/13	11F0016510.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0123					Ave		0.0123						20.0			
PCB-1242 Peak 2	0.0243					Ave		0.0243						20.0			
PCB-1242 Peak 3	0.0538					Ave		0.0538						20.0			
PCB-1242 Peak 4	0.0229					Ave		0.0229						20.0			
PCB-1242 Peak 5	0.0182					Ave		0.0182						20.0			
PCB-1242 Peak 6	0.0209					Ave		0.0209						20.0			
PCB-1242 Peak 7	0.0181					Ave		0.0181						20.0			
PCB-1242 Peak 8	0.0214					Ave		0.0214						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:16 Calibration End Date: 11/28/2022 17:16 Calibration ID: 91738

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/13	11F0016510.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	23758619					1000				
PCB-1242 Peak 2	BNB	Ave	46907248					1000				
PCB-1242 Peak 3	BNB	Ave	103869226					1000				
PCB-1242 Peak 4	BNB	Ave	44153254					1000				
PCB-1242 Peak 5	BNB	Ave	35070571					1000				
PCB-1242 Peak 6	BNB	Ave	40293133					1000				
PCB-1242 Peak 7	BNB	Ave	35008796					1000				
PCB-1242 Peak 8	BNB	Ave	41391163					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016510.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:16:49 ALS Bottle#: 18 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:08 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	38608643	20.0	20.0	
2	1.315	1.315	0.000	23727573	20.0	20.0	M
						RPD = 0.00	
4 PCB-1242							M
1	2.926	2.926	0.000	23758619	1000.0	1000.0	
1	3.416	3.416	0.000	46907248	1000.0	1000.0	M
1	3.962	3.962	0.000	103869226	1000.0	1000.0	M
1	4.131	4.131	0.000	44153254	1000.0	1000.0	M
1	4.257	4.257	0.000	35070571	1000.0	1000.0	M
1	4.861	4.861	0.000	40293133	1000.0	1000.0	
1	5.175	5.175	0.000	35008796	1000.0	1000.0	
1	5.228	5.228	0.000	41391163	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.355	2.355	0.000	13912756	1000.0	1000.0	M
2	2.733	2.733	0.000	27500754	1000.0	1000.0	M
2	2.946	2.946	0.000	18189565	1000.0	1000.0	M
2	3.246	3.246	0.000	56422299	1000.0	1000.0	M
2	3.394	3.394	0.000	24291086	1000.0	1000.0	M
2	3.463	3.463	0.000	15019554	1000.0	1000.0	M
2	3.862	3.862	0.000	24237103	1000.0	1000.0	M
2	4.355	4.355	0.000	37375141	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

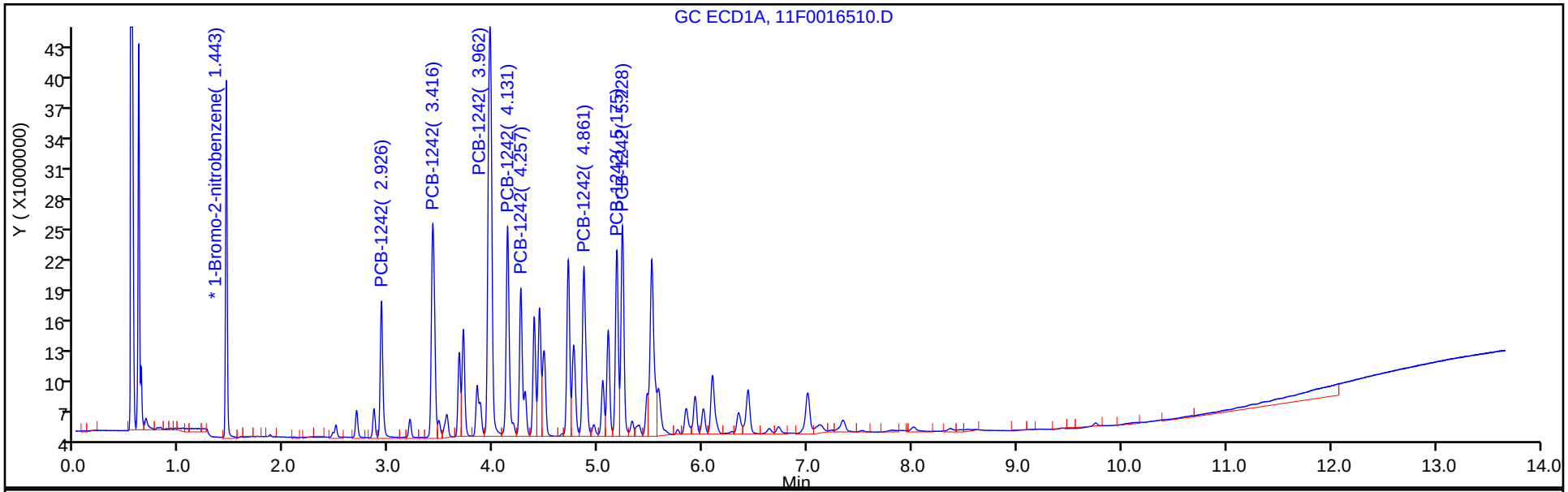
SG1242L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

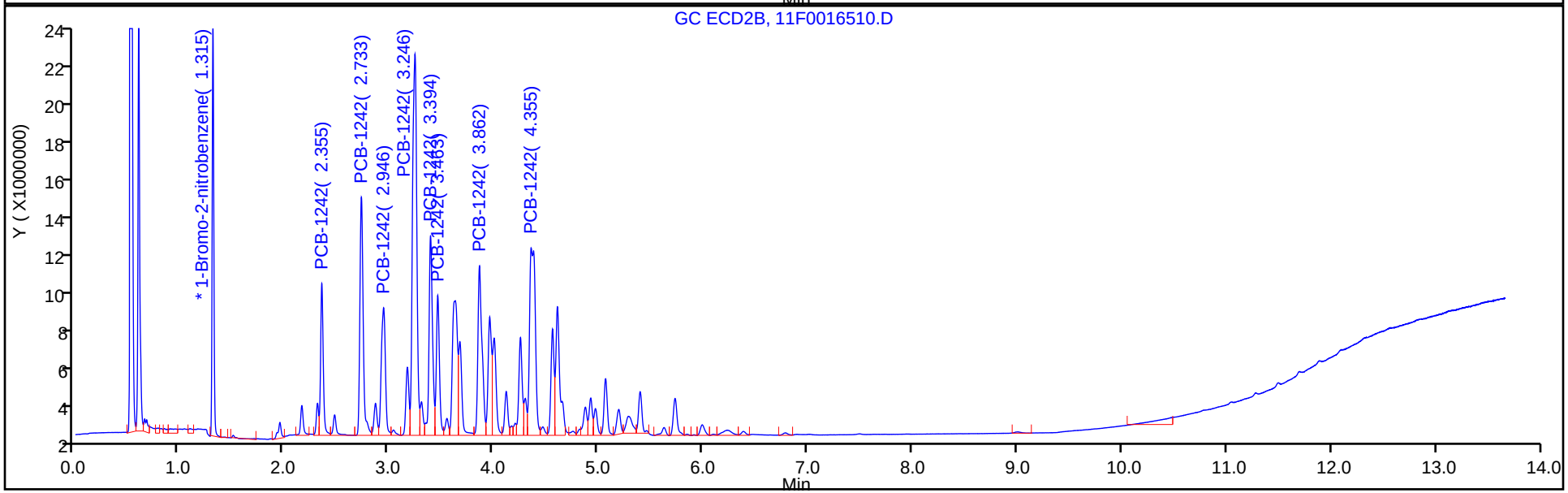
Report Date: 02-Dec-2022 09:21:09 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016510.D

Injection Date:	28-Nov-2022 17:16:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:16 Calibration End Date: 11/28/2022 17:16 Calibration ID: 91739

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/13	11F0016510.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1242 Peak 1	0.0117					Ave		0.0117						20.0			
PCB-1242 Peak 2	0.0232					Ave		0.0232						20.0			
PCB-1242 Peak 3	0.0153					Ave		0.0153						20.0			
PCB-1242 Peak 4	0.0476					Ave		0.0476						20.0			
PCB-1242 Peak 5	0.0205					Ave		0.0205						20.0			
PCB-1242 Peak 6	0.0127					Ave		0.0127						20.0			
PCB-1242 Peak 7	0.0204					Ave		0.0204						20.0			
PCB-1242 Peak 8	0.0315					Ave		0.0315						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:16 Calibration End Date: 11/28/2022 17:16 Calibration ID: 91739

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/13	11F0016510.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1242 Peak 1	BNB	Ave	13912756					1000				
PCB-1242 Peak 2	BNB	Ave	27500754					1000				
PCB-1242 Peak 3	BNB	Ave	18189565					1000				
PCB-1242 Peak 4	BNB	Ave	56422299					1000				
PCB-1242 Peak 5	BNB	Ave	24291086					1000				
PCB-1242 Peak 6	BNB	Ave	15019554					1000				
PCB-1242 Peak 7	BNB	Ave	24237103					1000				
PCB-1242 Peak 8	BNB	Ave	37375141					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016510.D
Lims ID: IC 1242
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:16:49 ALS Bottle#: 18 Worklist Smp#: 13
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-013
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub5

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:08 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:08

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	38608643	20.0	20.0	
2	1.315	1.315	0.000	23727573	20.0	20.0	M
						RPD = 0.00	
4 PCB-1242							M
1	2.926	2.926	0.000	23758619	1000.0	1000.0	
1	3.416	3.416	0.000	46907248	1000.0	1000.0	M
1	3.962	3.962	0.000	103869226	1000.0	1000.0	M
1	4.131	4.131	0.000	44153254	1000.0	1000.0	M
1	4.257	4.257	0.000	35070571	1000.0	1000.0	M
1	4.861	4.861	0.000	40293133	1000.0	1000.0	
1	5.175	5.175	0.000	35008796	1000.0	1000.0	
1	5.228	5.228	0.000	41391163	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.355	2.355	0.000	13912756	1000.0	1000.0	M
2	2.733	2.733	0.000	27500754	1000.0	1000.0	M
2	2.946	2.946	0.000	18189565	1000.0	1000.0	M
2	3.246	3.246	0.000	56422299	1000.0	1000.0	M
2	3.394	3.394	0.000	24291086	1000.0	1000.0	M
2	3.463	3.463	0.000	15019554	1000.0	1000.0	M
2	3.862	3.862	0.000	24237103	1000.0	1000.0	M
2	4.355	4.355	0.000	37375141	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

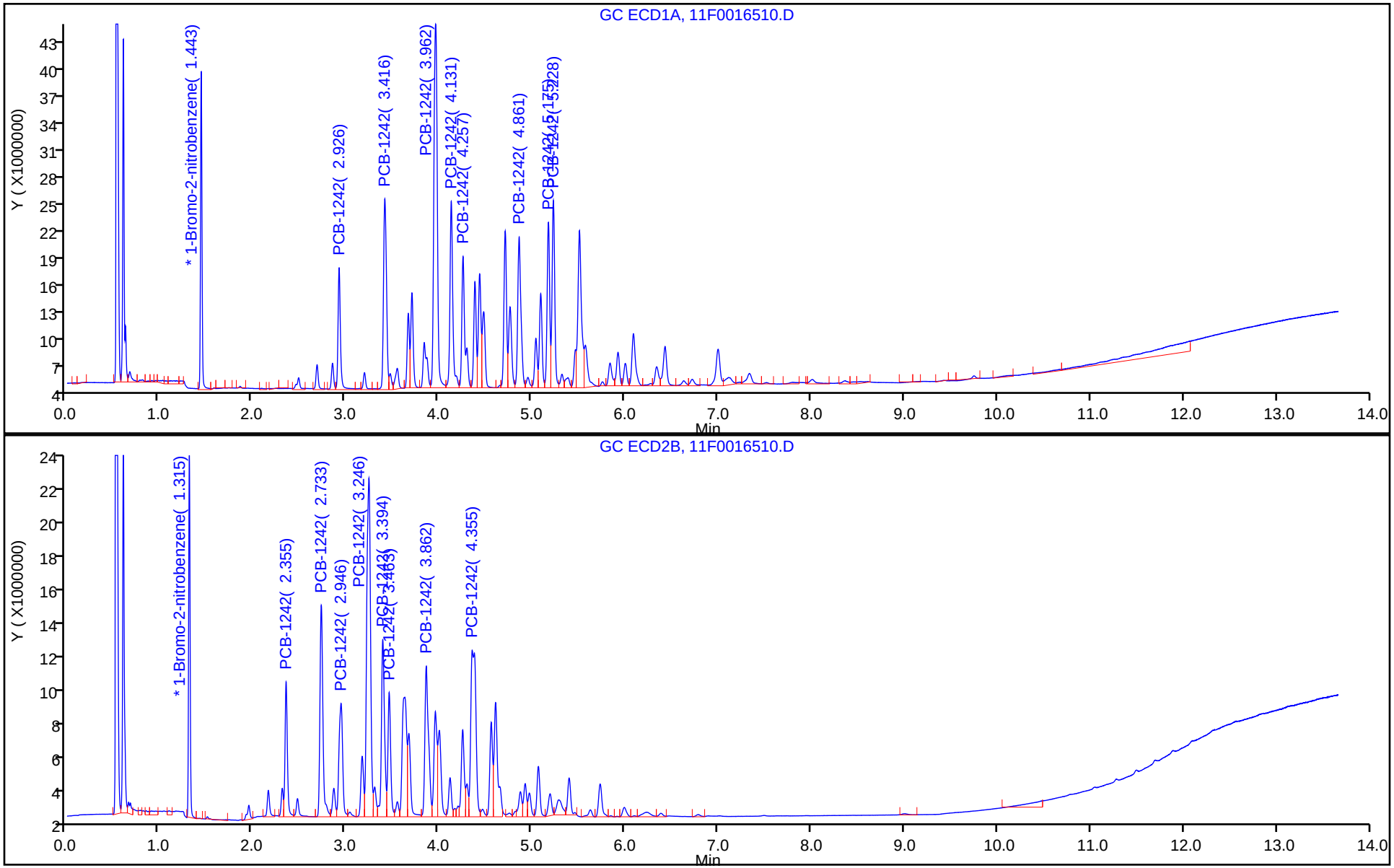
SG1242L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:09 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016510.D

Injection Date:	28-Nov-2022 17:16:49	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1242			Worklist Smp#:	13
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:33 Calibration End Date: 11/28/2022 17:33 Calibration ID: 91744

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/14	11F0016511.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0121					Ave		0.0121						20.0			
PCB-1248 Peak 2	0.0344					Ave		0.0344						20.0			
PCB-1248 Peak 3	0.0207					Ave		0.0207						20.0			
PCB-1248 Peak 4	0.0197					Ave		0.0197						20.0			
PCB-1248 Peak 5	0.0322					Ave		0.0322						20.0			
PCB-1248 Peak 6	0.0336					Ave		0.0336						20.0			
PCB-1248 Peak 7	0.0389					Ave		0.0389						20.0			
PCB-1248 Peak 8	0.0214					Ave		0.0214						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:33 Calibration End Date: 11/28/2022 17:33 Calibration ID: 91744

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/14	11F0016511.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	23587009					1000				
PCB-1248 Peak 2	BNB	Ave	66944996					1000				
PCB-1248 Peak 3	BNB	Ave	40355464					1000				
PCB-1248 Peak 4	BNB	Ave	38250524					1000				
PCB-1248 Peak 5	BNB	Ave	62592053					1000				
PCB-1248 Peak 6	BNB	Ave	65337541					1000				
PCB-1248 Peak 7	BNB	Ave	75691150					1000				
PCB-1248 Peak 8	BNB	Ave	41667214					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016511.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:33:35 ALS Bottle#: 19 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	38926558	20.0	20.0	
2	1.316	1.315	0.001	23971439	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.415	3.415	0.000	23587009	1000.0	1000.0	
1	3.958	3.958	0.000	66944996	1000.0	1000.0	
1	4.386	4.386	0.000	40355464	1000.0	1000.0	
1	4.435	4.435	0.000	38250524	1000.0	1000.0	
1	4.860	4.860	0.000	62592053	1000.0	1000.0	
1	5.175	5.175	0.000	65337541	1000.0	1000.0	
1	5.228	5.228	0.000	75691150	1000.0	1000.0	
1	6.089	6.089	0.000	41667214	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.732	2.732	0.000	13088509	1000.0	1000.0	
2	3.241	3.241	0.000	35746080	1000.0	1000.0	
2	3.617	3.617	0.000	39035238	1000.0	1000.0	
2	3.861	3.861	0.000	37587228	1000.0	1000.0	M
2	4.355	4.355	0.000	36998179	1000.0	1000.0	M
2	4.607	4.607	0.000	29657606	1000.0	1000.0	M
2	5.066	5.066	0.000	18386305	1000.0	1000.0	M
2	5.729	5.729	0.000	13404504	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

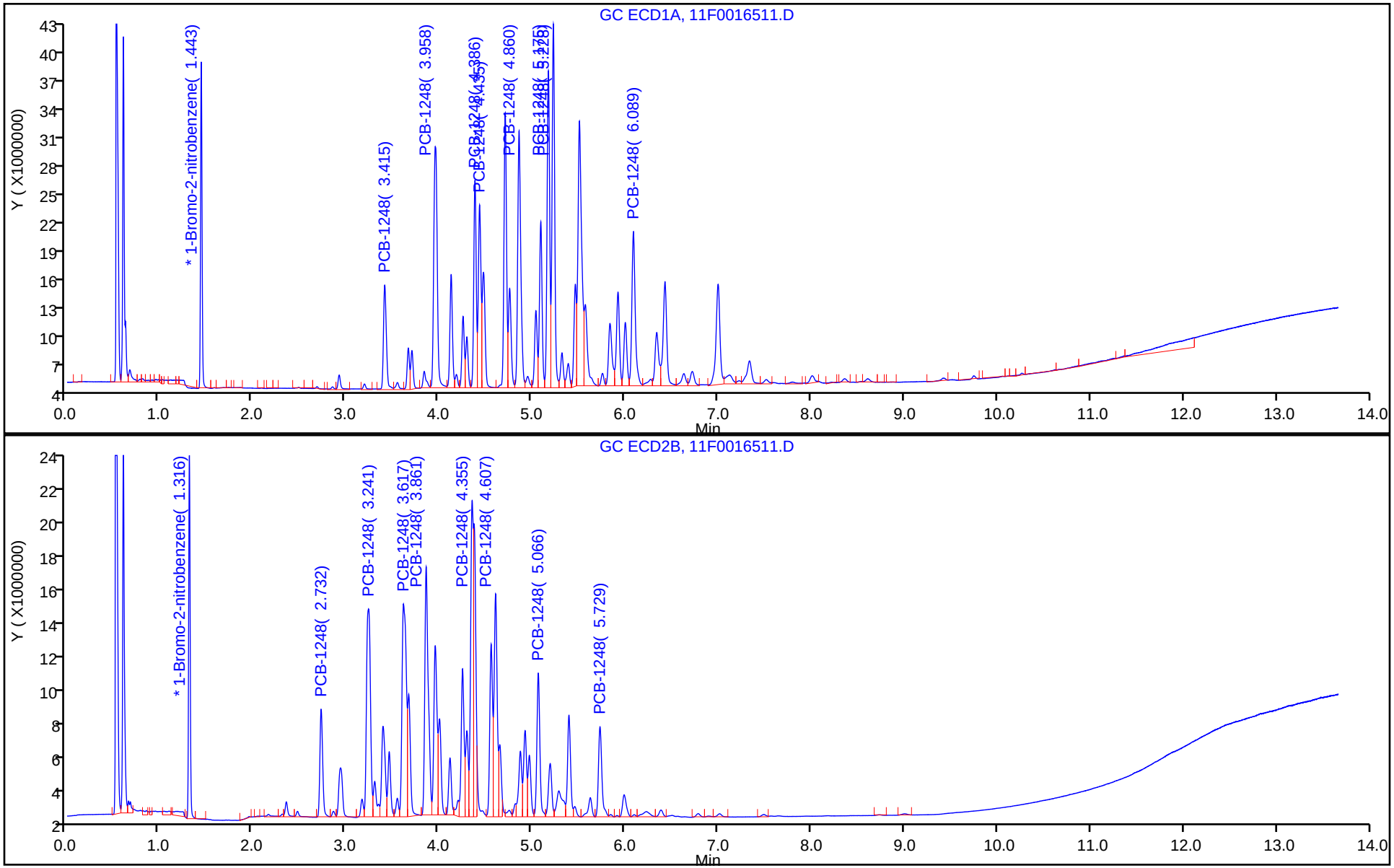
SG1248L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:12 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016511.D

Injection Date:	28-Nov-2022 17:33:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



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FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:33 Calibration End Date: 11/28/2022 17:33 Calibration ID: 91745

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/14	11F0016511.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1248 Peak 1	0.0109					Ave		0.0109						20.0			
PCB-1248 Peak 2	0.0298					Ave		0.0298						20.0			
PCB-1248 Peak 3	0.0326					Ave		0.0326						20.0			
PCB-1248 Peak 4	0.0314					Ave		0.0314						20.0			
PCB-1248 Peak 5	0.0309					Ave		0.0309						20.0			
PCB-1248 Peak 6	0.0247					Ave		0.0247						20.0			
PCB-1248 Peak 7	0.0153					Ave		0.0153						20.0			
PCB-1248 Peak 8	0.0112					Ave		0.0112						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:33 Calibration End Date: 11/28/2022 17:33 Calibration ID: 91745

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/14	11F0016511.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1248 Peak 1	BNB	Ave	13088509					1000				
PCB-1248 Peak 2	BNB	Ave	35746080					1000				
PCB-1248 Peak 3	BNB	Ave	39035238					1000				
PCB-1248 Peak 4	BNB	Ave	37587228					1000				
PCB-1248 Peak 5	BNB	Ave	36998179					1000				
PCB-1248 Peak 6	BNB	Ave	29657606					1000				
PCB-1248 Peak 7	BNB	Ave	18386305					1000				
PCB-1248 Peak 8	BNB	Ave	13404504					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016511.D
Lims ID: IC 1248
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:33:35 ALS Bottle#: 19 Worklist Smp#: 14
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-014
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub6

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:12 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	38926558	20.0	20.0	
2	1.316	1.315	0.001	23971439	20.0	20.0	M
						RPD = 0.00	
6 PCB-1248							M
1	3.415	3.415	0.000	23587009	1000.0	1000.0	
1	3.958	3.958	0.000	66944996	1000.0	1000.0	
1	4.386	4.386	0.000	40355464	1000.0	1000.0	
1	4.435	4.435	0.000	38250524	1000.0	1000.0	
1	4.860	4.860	0.000	62592053	1000.0	1000.0	
1	5.175	5.175	0.000	65337541	1000.0	1000.0	
1	5.228	5.228	0.000	75691150	1000.0	1000.0	
1	6.089	6.089	0.000	41667214	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	2.732	2.732	0.000	13088509	1000.0	1000.0	
2	3.241	3.241	0.000	35746080	1000.0	1000.0	
2	3.617	3.617	0.000	39035238	1000.0	1000.0	
2	3.861	3.861	0.000	37587228	1000.0	1000.0	M
2	4.355	4.355	0.000	36998179	1000.0	1000.0	M
2	4.607	4.607	0.000	29657606	1000.0	1000.0	M
2	5.066	5.066	0.000	18386305	1000.0	1000.0	M
2	5.729	5.729	0.000	13404504	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

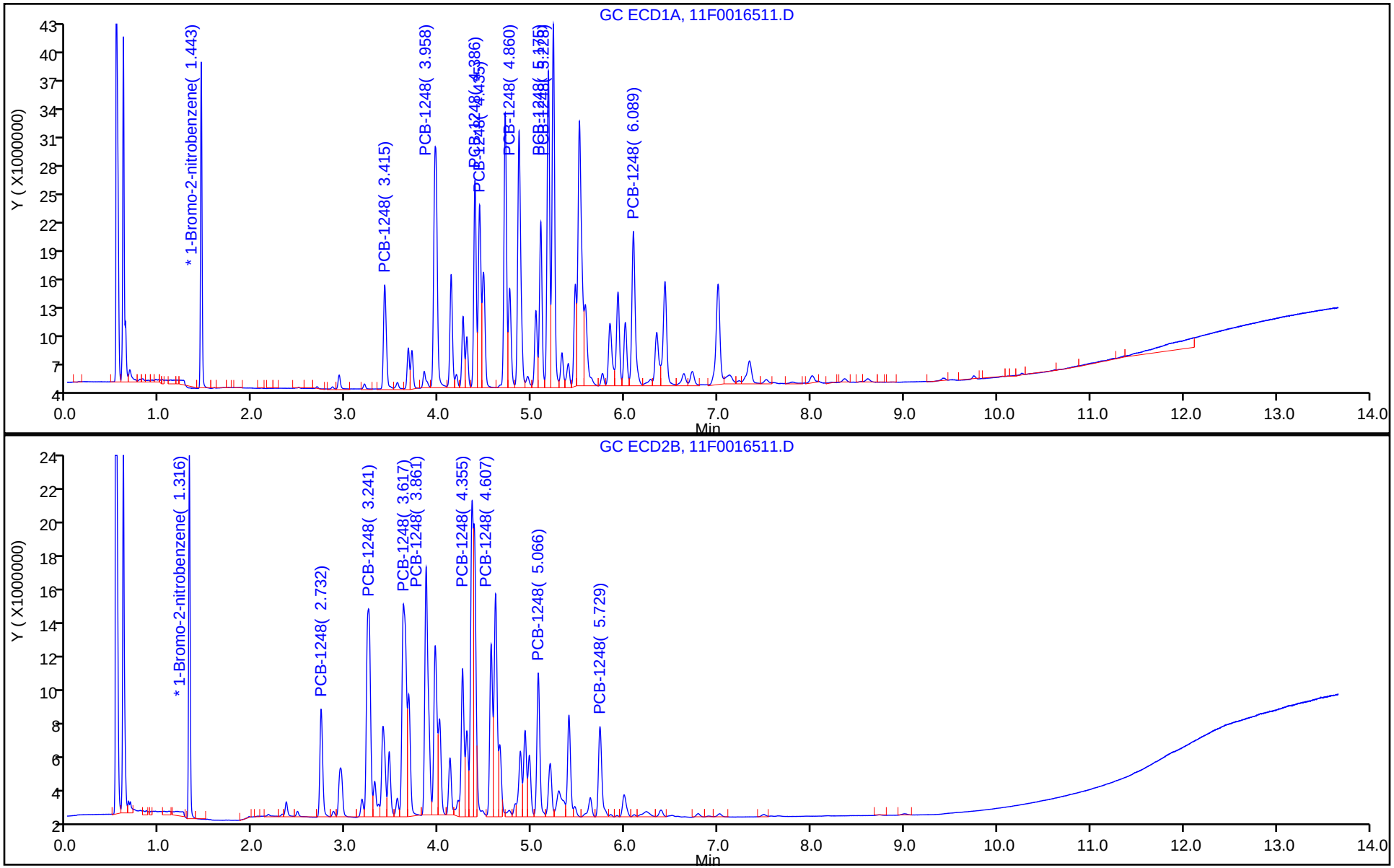
SG1248L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:12 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016511.D

Injection Date:	28-Nov-2022 17:33:35	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1248			Worklist Smp#:	14
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



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FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:50 Calibration End Date: 11/28/2022 17:50 Calibration ID: 91750

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/15	11F0016512.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0114					Ave		0.0114						20.0			
PCB-1254 Peak 2	0.0350					Ave		0.0350						20.0			
PCB-1254 Peak 3	0.0402					Ave		0.0402						20.0			
PCB-1254 Peak 4	0.0330					Ave		0.0330						20.0			
PCB-1254 Peak 5	0.0681					Ave		0.0681						20.0			
PCB-1254 Peak 6	0.0499					Ave		0.0499						20.0			
PCB-1254 Peak 7	0.0567					Ave		0.0567						20.0			
PCB-1254 Peak 8	0.0676					Ave		0.0676						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:50 Calibration End Date: 11/28/2022 17:50 Calibration ID: 91750

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/15	11F0016512.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	22130870					1000				
PCB-1254 Peak 2	BNB	Ave	68190174					1000				
PCB-1254 Peak 3	BNB	Ave	78316808					1000				
PCB-1254 Peak 4	BNB	Ave	64302189					1000				
PCB-1254 Peak 5	BNB	Ave	132664206					1000				
PCB-1254 Peak 6	BNB	Ave	97229877					1000				
PCB-1254 Peak 7	BNB	Ave	110430779					1000				
PCB-1254 Peak 8	BNB	Ave	131805144					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016512.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:50:18 ALS Bottle#: 20 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-015
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:15 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	38986372	20.0	20.0	
2	1.316	1.315	0.001	23632528	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	4.711	4.711	0.000	22130870	1000.0	1000.0	M
1	5.226	5.226	0.000	68190174	1000.0	1000.0	
1	5.463	5.463	0.000	78316808	1000.0	1000.0	
1	5.923	5.923	0.000	64302189	1000.0	1000.0	
1	6.088	6.088	0.000	132664206	1000.0	1000.0	
1	6.426	6.426	0.000	97229877	1000.0	1000.0	
1	6.996	6.996	0.000	110430779	1000.0	1000.0	
1	7.336	7.336	0.000	131805144	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	3.860	3.860	0.000	12475253	1000.0	1000.0	M
2	4.302	4.302	0.000	31519903	1000.0	1000.0	
2	4.611	4.611	0.000	43902789	1000.0	1000.0	M
2	4.924	4.924	0.000	34376713	1000.0	1000.0	M
2	5.066	5.066	0.000	58508238	1000.0	1000.0	M
2	5.396	5.396	0.000	45591395	1000.0	1000.0	M
2	5.625	5.625	0.000	39992644	1000.0	1000.0	M
2	5.988	5.988	0.000	59847421	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

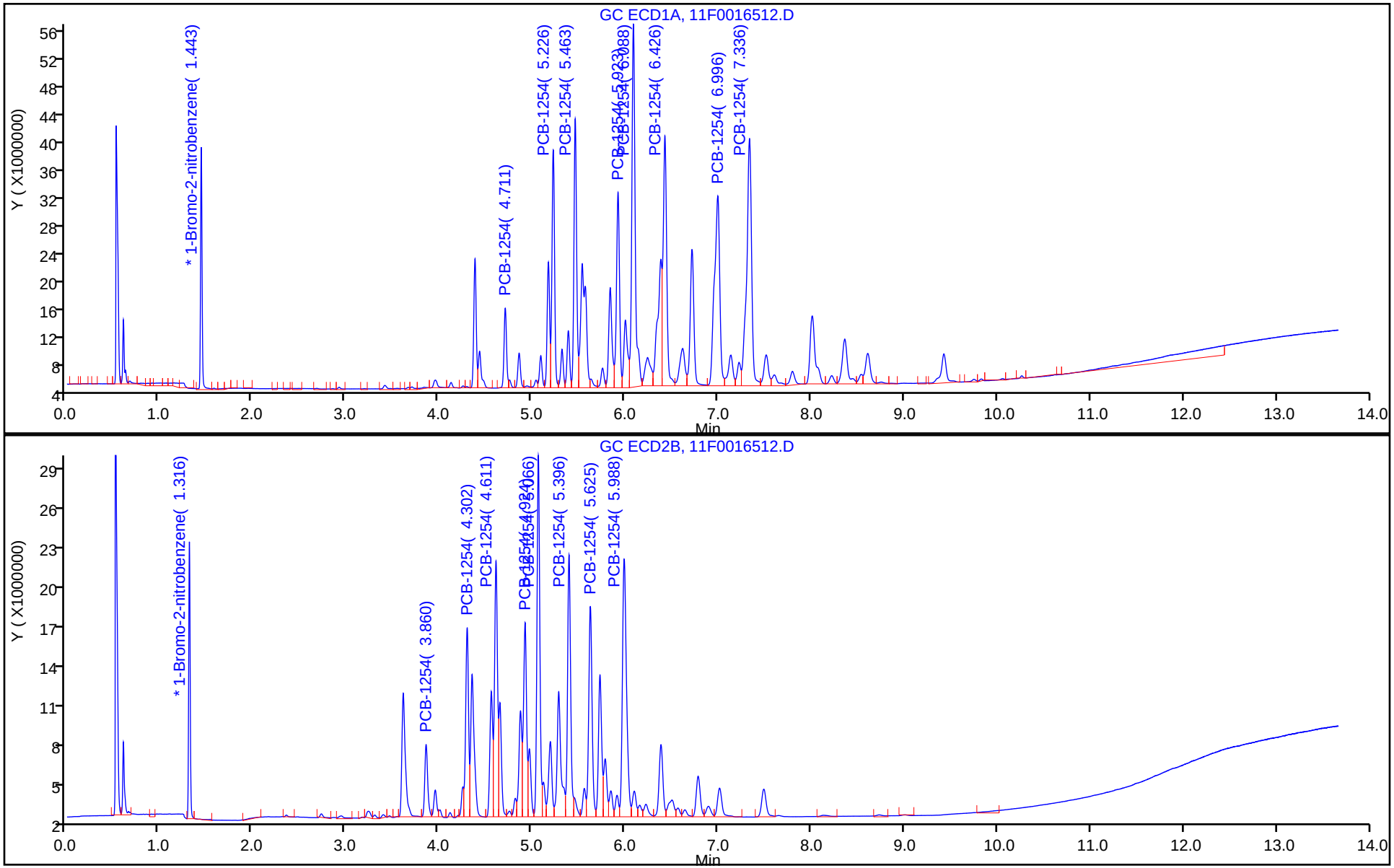
SG1254L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:15 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016512.D

Injection Date:	28-Nov-2022 17:50:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



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FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:50 Calibration End Date: 11/28/2022 17:50 Calibration ID: 91751

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/15	11F0016512.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1254 Peak 1	0.0106					Ave		0.0106						20.0			
PCB-1254 Peak 2	0.0267					Ave		0.0267						20.0			
PCB-1254 Peak 3	0.0372					Ave		0.0372						20.0			
PCB-1254 Peak 4	0.0291					Ave		0.0291						20.0			
PCB-1254 Peak 5	0.0495					Ave		0.0495						20.0			
PCB-1254 Peak 6	0.0386					Ave		0.0386						20.0			
PCB-1254 Peak 7	0.0338					Ave		0.0338						20.0			
PCB-1254 Peak 8	0.0506					Ave		0.0506						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 17:50 Calibration End Date: 11/28/2022 17:50 Calibration ID: 91751

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/15	11F0016512.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1254 Peak 1	BNB	Ave	12475253					1000				
PCB-1254 Peak 2	BNB	Ave	31519903					1000				
PCB-1254 Peak 3	BNB	Ave	43902789					1000				
PCB-1254 Peak 4	BNB	Ave	34376713					1000				
PCB-1254 Peak 5	BNB	Ave	58508238					1000				
PCB-1254 Peak 6	BNB	Ave	45591395					1000				
PCB-1254 Peak 7	BNB	Ave	39992644					1000				
PCB-1254 Peak 8	BNB	Ave	59847421					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016512.D
Lims ID: IC 1254
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 17:50:18 ALS Bottle#: 20 Worklist Smp#: 15
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-015
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub7

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:15 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	38986372	20.0	20.0	
2	1.316	1.315	0.001	23632528	20.0	20.0	M
						RPD = 0.00	
7 PCB-1254							M
1	4.711	4.711	0.000	22130870	1000.0	1000.0	M
1	5.226	5.226	0.000	68190174	1000.0	1000.0	
1	5.463	5.463	0.000	78316808	1000.0	1000.0	
1	5.923	5.923	0.000	64302189	1000.0	1000.0	
1	6.088	6.088	0.000	132664206	1000.0	1000.0	
1	6.426	6.426	0.000	97229877	1000.0	1000.0	
1	6.996	6.996	0.000	110430779	1000.0	1000.0	
1	7.336	7.336	0.000	131805144	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	3.860	3.860	0.000	12475253	1000.0	1000.0	M
2	4.302	4.302	0.000	31519903	1000.0	1000.0	
2	4.611	4.611	0.000	43902789	1000.0	1000.0	M
2	4.924	4.924	0.000	34376713	1000.0	1000.0	M
2	5.066	5.066	0.000	58508238	1000.0	1000.0	M
2	5.396	5.396	0.000	45591395	1000.0	1000.0	M
2	5.625	5.625	0.000	39992644	1000.0	1000.0	M
2	5.988	5.988	0.000	59847421	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

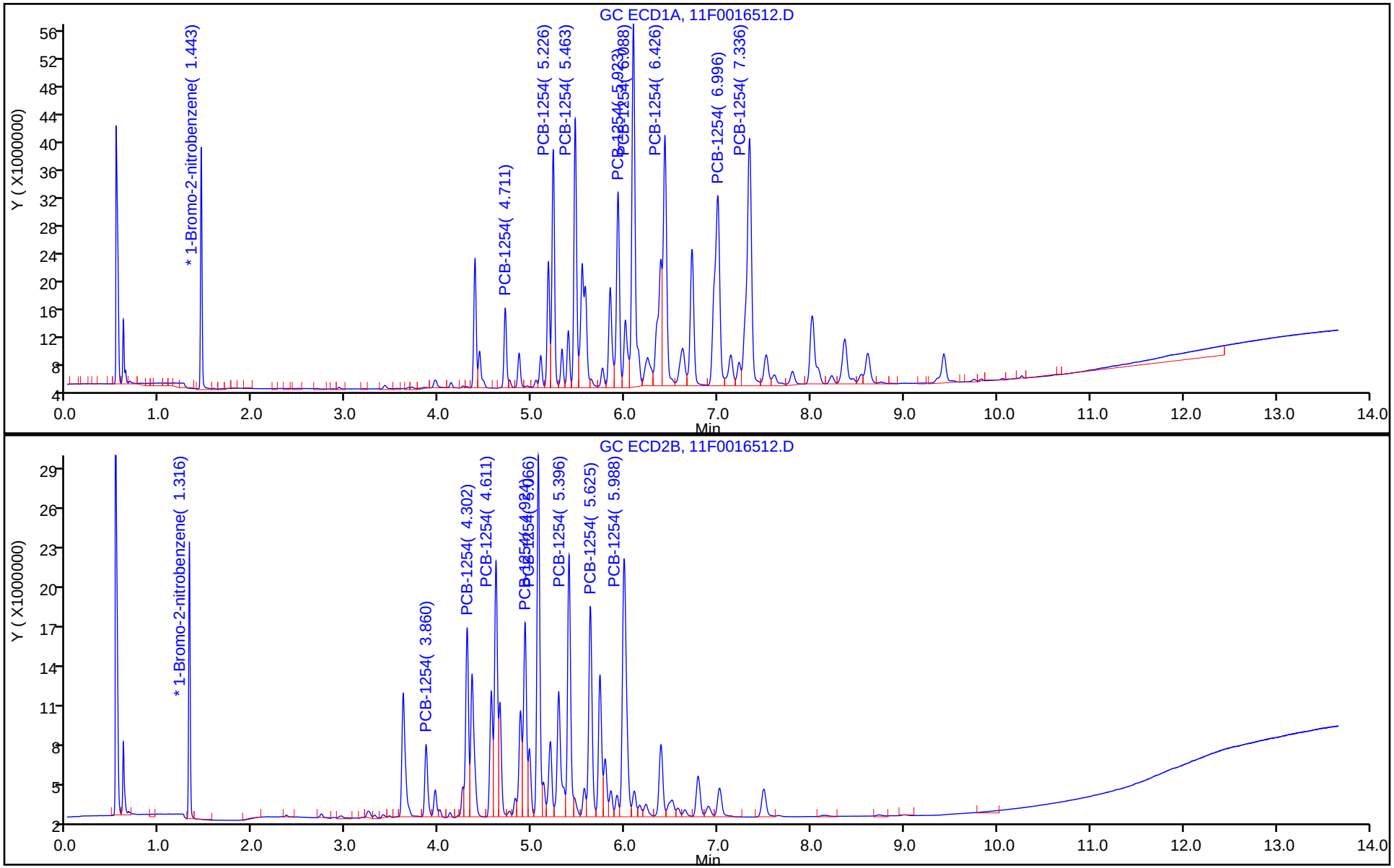
SG1254L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:15 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016512.D

Injection Date:	28-Nov-2022 17:50:18	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1254			Worklist Smp#:	15
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



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FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:07 Calibration End Date: 11/28/2022 18:07 Calibration ID: 91756

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/16	11F0016513.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0417					Ave		0.0417						20.0			
PCB-1262 Peak 2	0.0492					Ave		0.0492						20.0			
PCB-1262 Peak 3	0.0706					Ave		0.0706						20.0			
PCB-1262 Peak 4	0.0684					Ave		0.0684						20.0			
PCB-1262 Peak 5	0.1403					Ave		0.1403						20.0			
PCB-1262 Peak 6	0.0216					Ave		0.0216						20.0			
PCB-1262 Peak 7	0.0516					Ave		0.0516						20.0			
PCB-1262 Peak 8	0.0177					Ave		0.0177						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:07 Calibration End Date: 11/28/2022 18:07 Calibration ID: 91756

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/16	11F0016513.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	81957804					1000				
PCB-1262 Peak 2	BNB	Ave	96774982					1000				
PCB-1262 Peak 3	BNB	Ave	138831483					1000				
PCB-1262 Peak 4	BNB	Ave	134373477					1000				
PCB-1262 Peak 5	BNB	Ave	275734396					1000				
PCB-1262 Peak 6	BNB	Ave	42351551					1000				
PCB-1262 Peak 7	BNB	Ave	101418256					1000				
PCB-1262 Peak 8	BNB	Ave	34740364					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016513.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 18:07:03 ALS Bottle#: 21 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-016
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:18 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 12:04:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	39302383	20.0	20.0	
2	1.315	1.315	0.000	23783479	20.0	20.0	M
						RPD = 0.00	
9 PCB-1262							
1	6.383	6.383	0.000	81957804	1000.0	1000.0	
1	6.717	6.717	0.000	96774982	1000.0	1000.0	
1	7.506	7.506	0.000	138831483	1000.0	1000.0	
1	8.076	8.076	0.000	134373477	1000.0	1000.0	
1	8.606	8.606	0.000	275734396	1000.0	1000.0	
1	10.051	10.051	0.000	42351551	1000.0	1000.0	
1	10.256	10.256	0.000	101418256	1000.0	1000.0	
1	10.606	10.606	0.000	34740364	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.286	5.286	0.000	39486821	1000.0	1000.0	
2	6.507	6.507	0.000	62123226	1000.0	1000.0	
2	7.011	7.011	0.000	136054195	1000.0	1000.0	
2	7.490	7.490	0.000	44847162	1000.0	1000.0	
2	7.647	7.647	0.000	56255305	1000.0	1000.0	
2	8.171	8.171	0.000	22027051	1000.0	1000.0	
2	8.730	8.730	0.000	47671619	1000.0	1000.0	
2	9.358	9.358	0.000	17951263	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

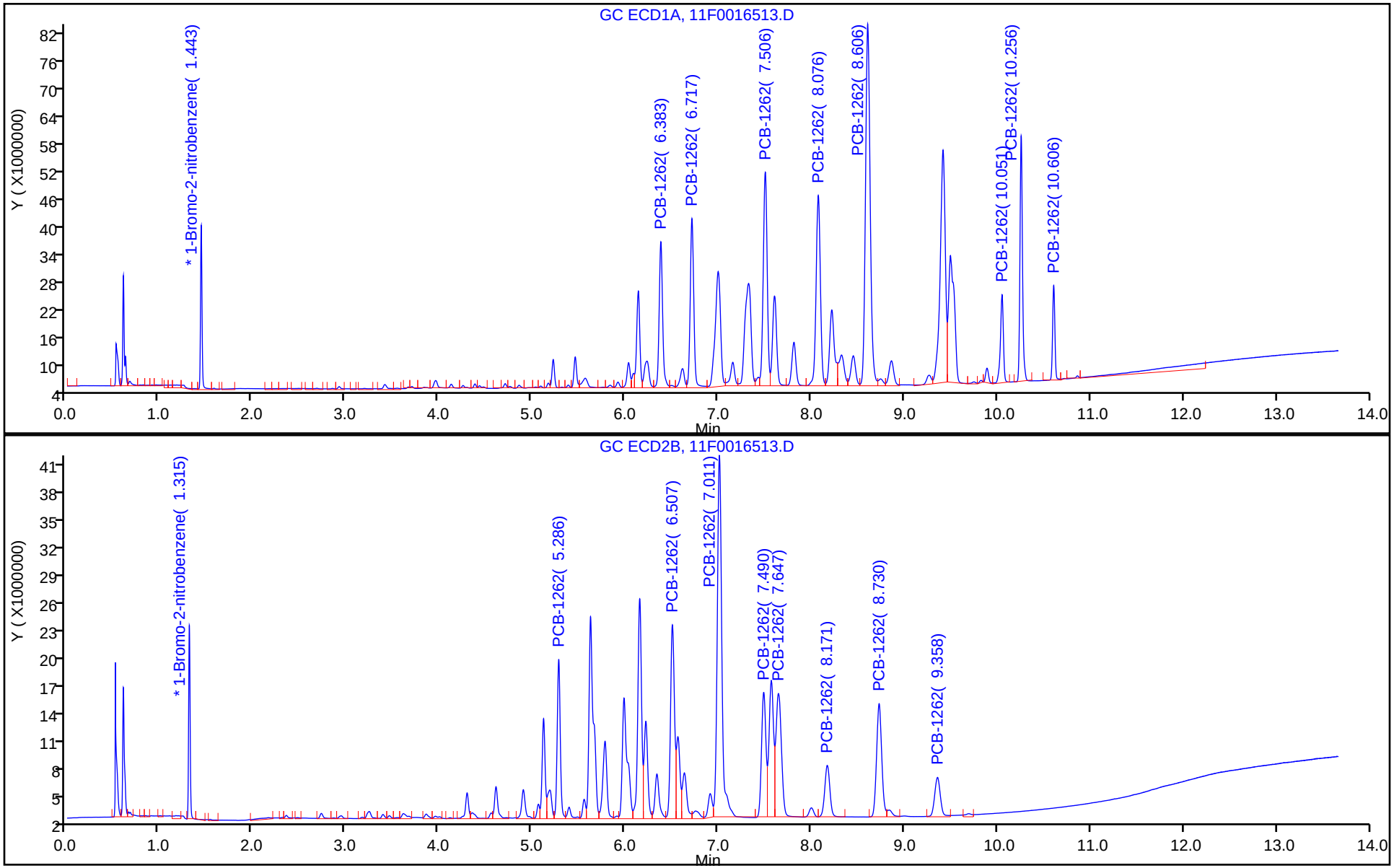
SG1262L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:18 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016513.D

Injection Date:	28-Nov-2022 18:07:03	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:07 Calibration End Date: 11/28/2022 18:07 Calibration ID: 91757

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/16	11F0016513.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1262 Peak 1	0.0332					Ave		0.0332						20.0			
PCB-1262 Peak 2	0.0522					Ave		0.0522						20.0			
PCB-1262 Peak 3	0.1144					Ave		0.1144						20.0			
PCB-1262 Peak 4	0.0377					Ave		0.0377						20.0			
PCB-1262 Peak 5	0.0473					Ave		0.0473						20.0			
PCB-1262 Peak 6	0.0185					Ave		0.0185						20.0			
PCB-1262 Peak 7	0.0401					Ave		0.0401						20.0			
PCB-1262 Peak 8	0.0151					Ave		0.0151						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:07 Calibration End Date: 11/28/2022 18:07 Calibration ID: 91757

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/16	11F0016513.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1262 Peak 1	BNB	Ave	39486821					1000				
PCB-1262 Peak 2	BNB	Ave	62123226					1000				
PCB-1262 Peak 3	BNB	Ave	136054195					1000				
PCB-1262 Peak 4	BNB	Ave	44847162					1000				
PCB-1262 Peak 5	BNB	Ave	56255305					1000				
PCB-1262 Peak 6	BNB	Ave	22027051					1000				
PCB-1262 Peak 7	BNB	Ave	47671619					1000				
PCB-1262 Peak 8	BNB	Ave	17951263					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016513.D
Lims ID: IC 1262
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 18:07:03 ALS Bottle#: 21 Worklist Smp#: 16
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-016
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub8

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:18 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 12:04:48

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							M
1	1.443	1.443	0.000	39302383	20.0	20.0	
2	1.315	1.315	0.000	23783479	20.0	20.0	M
						RPD = 0.00	
9 PCB-1262							
1	6.383	6.383	0.000	81957804	1000.0	1000.0	
1	6.717	6.717	0.000	96774982	1000.0	1000.0	
1	7.506	7.506	0.000	138831483	1000.0	1000.0	
1	8.076	8.076	0.000	134373477	1000.0	1000.0	
1	8.606	8.606	0.000	275734396	1000.0	1000.0	
1	10.051	10.051	0.000	42351551	1000.0	1000.0	
1	10.256	10.256	0.000	101418256	1000.0	1000.0	
1	10.606	10.606	0.000	34740364	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
2	5.286	5.286	0.000	39486821	1000.0	1000.0	
2	6.507	6.507	0.000	62123226	1000.0	1000.0	
2	7.011	7.011	0.000	136054195	1000.0	1000.0	
2	7.490	7.490	0.000	44847162	1000.0	1000.0	
2	7.647	7.647	0.000	56255305	1000.0	1000.0	
2	8.171	8.171	0.000	22027051	1000.0	1000.0	
2	8.730	8.730	0.000	47671619	1000.0	1000.0	
2	9.358	9.358	0.000	17951263	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

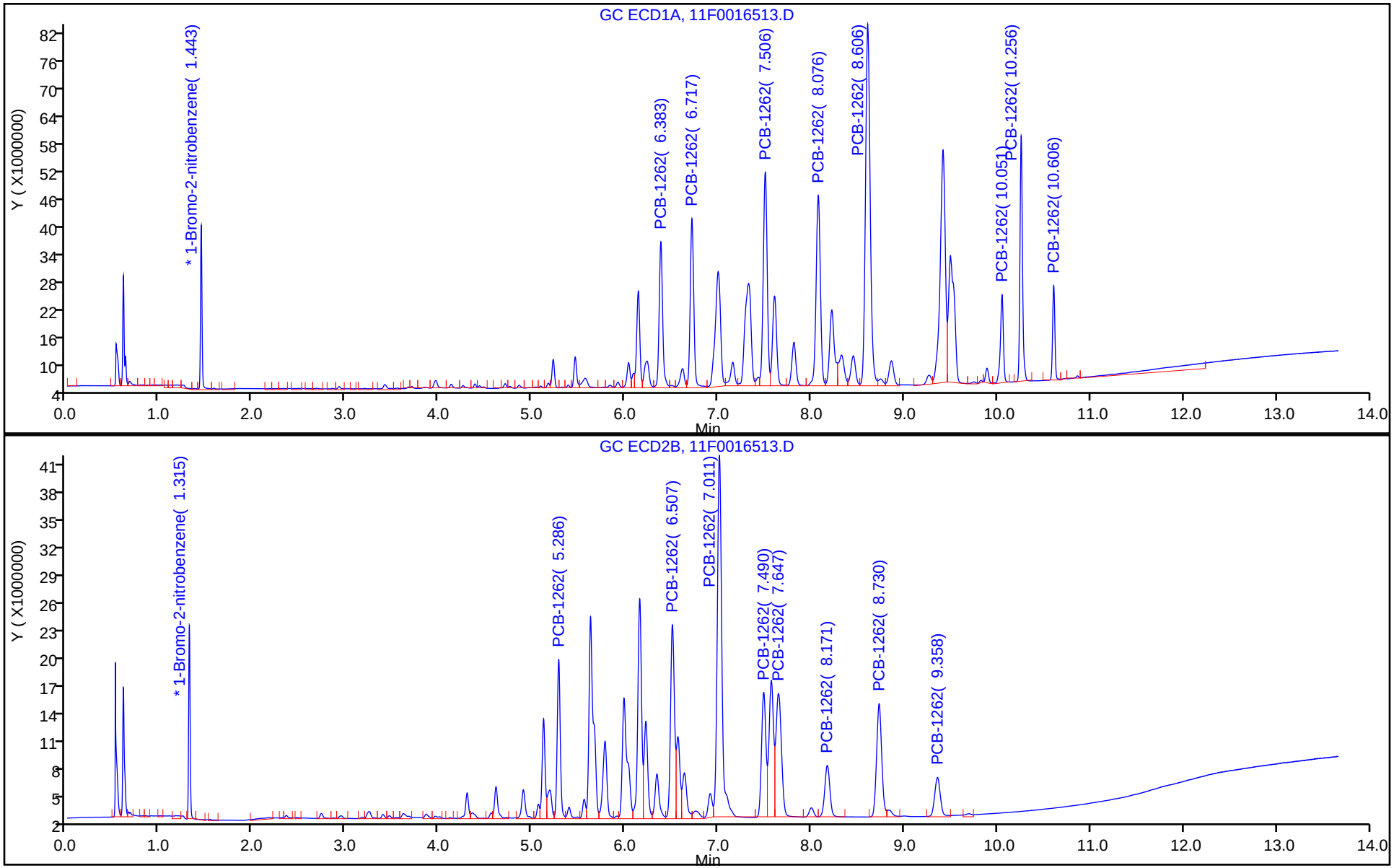
SG1262L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:18 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016513.D

Injection Date:	28-Nov-2022 18:07:03	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1262			Worklist Smp#:	16
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	21
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:23 Calibration End Date: 11/28/2022 18:23 Calibration ID: 91762

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/17	11F0016514A.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0259					Ave		0.0259						20.0			
PCB-1268 Peak 2	0.0345					Ave		0.0345						20.0			
PCB-1268 Peak 3	0.1532					Ave		0.1532						20.0			
PCB-1268 Peak 4	0.1472					Ave		0.1472						20.0			
PCB-1268 Peak 5	0.1212					Ave		0.1212						20.0			
PCB-1268 Peak 6	0.0335					Ave		0.0335						20.0			
PCB-1268 Peak 7	0.0526					Ave		0.0526						20.0			
PCB-1268 Peak 8	0.3925					Ave		0.3925						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:23 Calibration End Date: 11/28/2022 18:23 Calibration ID: 91762

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/17	11F0016514A.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	48897536					1000				
PCB-1268 Peak 2	BNB	Ave	65279380					1000				
PCB-1268 Peak 3	BNB	Ave	289553787					1000				
PCB-1268 Peak 4	BNB	Ave	278218044					1000				
PCB-1268 Peak 5	BNB	Ave	229059758					1000				
PCB-1268 Peak 6	BNB	Ave	63399572					1000				
PCB-1268 Peak 7	BNB	Ave	99487674					1000				
PCB-1268 Peak 8	BNB	Ave	741977292					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 18:23:45 ALS Bottle#: 22 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:21 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.442	1.443	-0.001	37806595	20.0	20.0	
2	1.315	1.315	0.000	22886009	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	7.505	7.505	0.000	48897536	1000.0	1000.0	M
1	8.078	8.078	0.000	65279380	1000.0	1000.0	M
1	9.409	9.409	0.000	289553787	1000.0	1000.0	M
1	9.492	9.492	0.000	278218044	1000.0	1000.0	M
1	9.890	9.890	0.000	229059758	1000.0	1000.0	M
1	10.021	10.021	0.000	63399572	1000.0	1000.0	M
1	10.256	10.256	0.000	99487674	1000.0	1000.0	
1	10.606	10.606	0.000	741977292	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.155	6.155	0.000	23845969	1000.0	1000.0	M
2	6.505	6.505	0.000	30229840	1000.0	1000.0	M
2	7.569	7.569	0.000	130918354	1000.0	1000.0	M
2	7.639	7.639	0.000	125350950	1000.0	1000.0	M
2	8.002	8.002	0.000	105717006	1000.0	1000.0	M
2	8.165	8.165	0.000	30937268	1000.0	1000.0	M
2	8.729	8.729	0.000	49720153	1000.0	1000.0	M
2	9.352	9.352	0.000	340081106	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

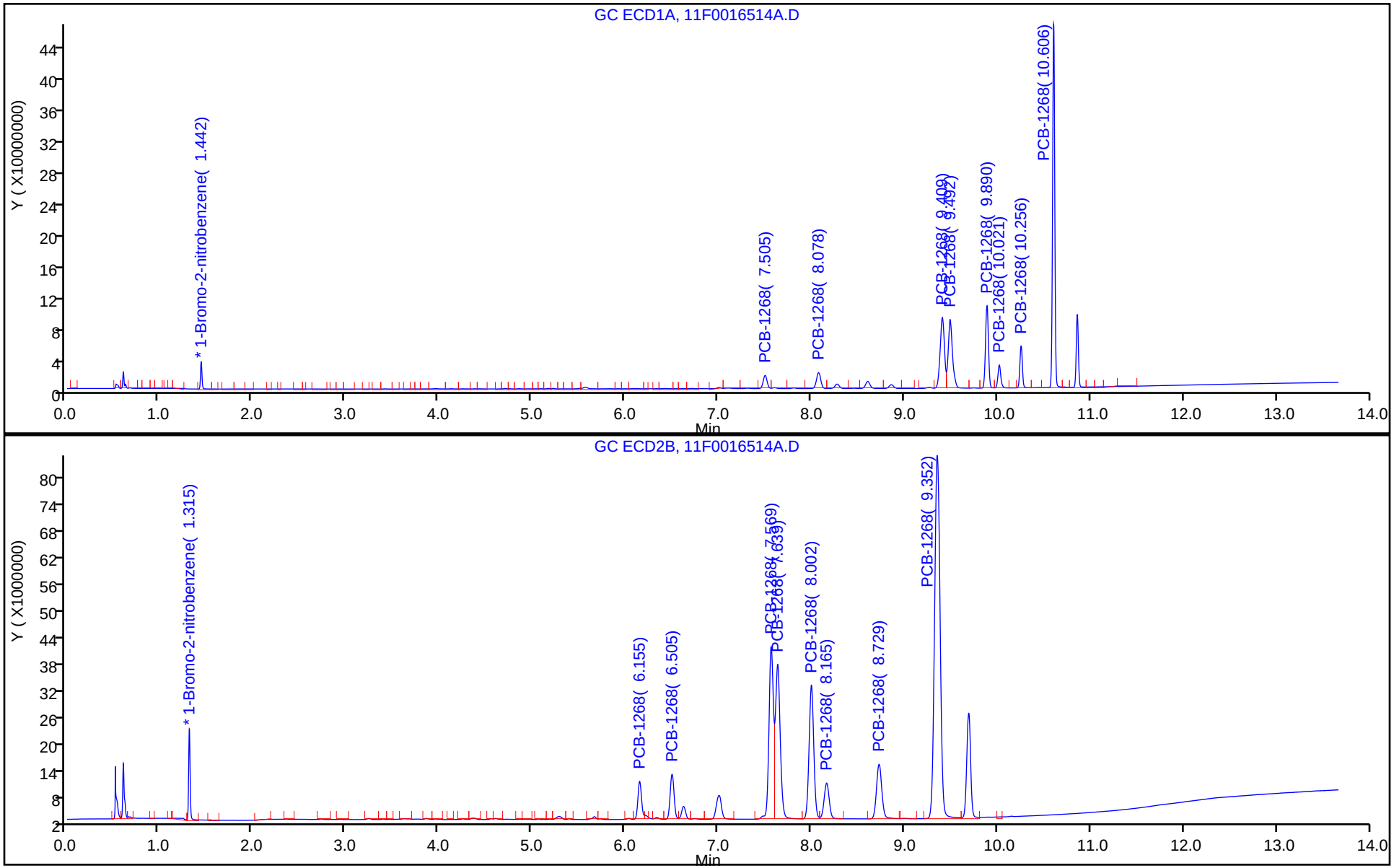
SG1268L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:21 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Injection Date:	28-Nov-2022 18:23:45	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 GC Column: Rtx-CLP ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:23 Calibration End Date: 11/28/2022 18:23 Calibration ID: 91763

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/17	11F0016514A.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1						B	M1	M2								
PCB-1268 Peak 1	0.0208					Ave		0.0208						20.0			
PCB-1268 Peak 2	0.0264					Ave		0.0264						20.0			
PCB-1268 Peak 3	0.1144					Ave		0.1144						20.0			
PCB-1268 Peak 4	0.1095					Ave		0.1095						20.0			
PCB-1268 Peak 5	0.0924					Ave		0.0924						20.0			
PCB-1268 Peak 6	0.0270					Ave		0.0270						20.0			
PCB-1268 Peak 7	0.0435					Ave		0.0435						20.0			
PCB-1268 Peak 8	0.2972					Ave		0.2972						20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
PCBS BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison | Job No.: 460-278409-1 | Analy Batch No.: 880106

SDG No.:

Instrument ID: CPESTGC11 | GC Column: Rtx-CLP | ID: 0.53(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 18:23 | Calibration End Date: 11/28/2022 18:23 | Calibration ID: 91763

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880106/17	11F0016514A.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1					LVL 1				
PCB-1268 Peak 1	BNB	Ave	23845969					1000				
PCB-1268 Peak 2	BNB	Ave	30229840					1000				
PCB-1268 Peak 3	BNB	Ave	130918354					1000				
PCB-1268 Peak 4	BNB	Ave	125350950					1000				
PCB-1268 Peak 5	BNB	Ave	105717006					1000				
PCB-1268 Peak 6	BNB	Ave	30937268					1000				
PCB-1268 Peak 7	BNB	Ave	49720153					1000				
PCB-1268 Peak 8	BNB	Ave	340081106					1000				

Curve Type Legend
Ave = Average ISTD

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D
Lims ID: IC 1268
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Nov-2022 18:23:45 ALS Bottle#: 22 Worklist Smp#: 17
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub9

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:21 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 30-Nov-2022 17:41:44

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.442	1.443	-0.001	37806595	20.0	20.0	
2	1.315	1.315	0.000	22886009	20.0	20.0	
						RPD = 0.00	
10 PCB-1268							M
1	7.505	7.505	0.000	48897536	1000.0	1000.0	M
1	8.078	8.078	0.000	65279380	1000.0	1000.0	M
1	9.409	9.409	0.000	289553787	1000.0	1000.0	M
1	9.492	9.492	0.000	278218044	1000.0	1000.0	M
1	9.890	9.890	0.000	229059758	1000.0	1000.0	M
1	10.021	10.021	0.000	63399572	1000.0	1000.0	M
1	10.256	10.256	0.000	99487674	1000.0	1000.0	
1	10.606	10.606	0.000	741977292	1000.0	1000.0	M
		Average of Peak Amounts =				1000.0	
2	6.155	6.155	0.000	23845969	1000.0	1000.0	M
2	6.505	6.505	0.000	30229840	1000.0	1000.0	M
2	7.569	7.569	0.000	130918354	1000.0	1000.0	M
2	7.639	7.639	0.000	125350950	1000.0	1000.0	M
2	8.002	8.002	0.000	105717006	1000.0	1000.0	M
2	8.165	8.165	0.000	30937268	1000.0	1000.0	M
2	8.729	8.729	0.000	49720153	1000.0	1000.0	M
2	9.352	9.352	0.000	340081106	1000.0	1000.0	
		Average of Peak Amounts =				1000.0	
						RPD = 0.00	
S 12 Polychlorinated biphenyls, Total							
1						1000.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

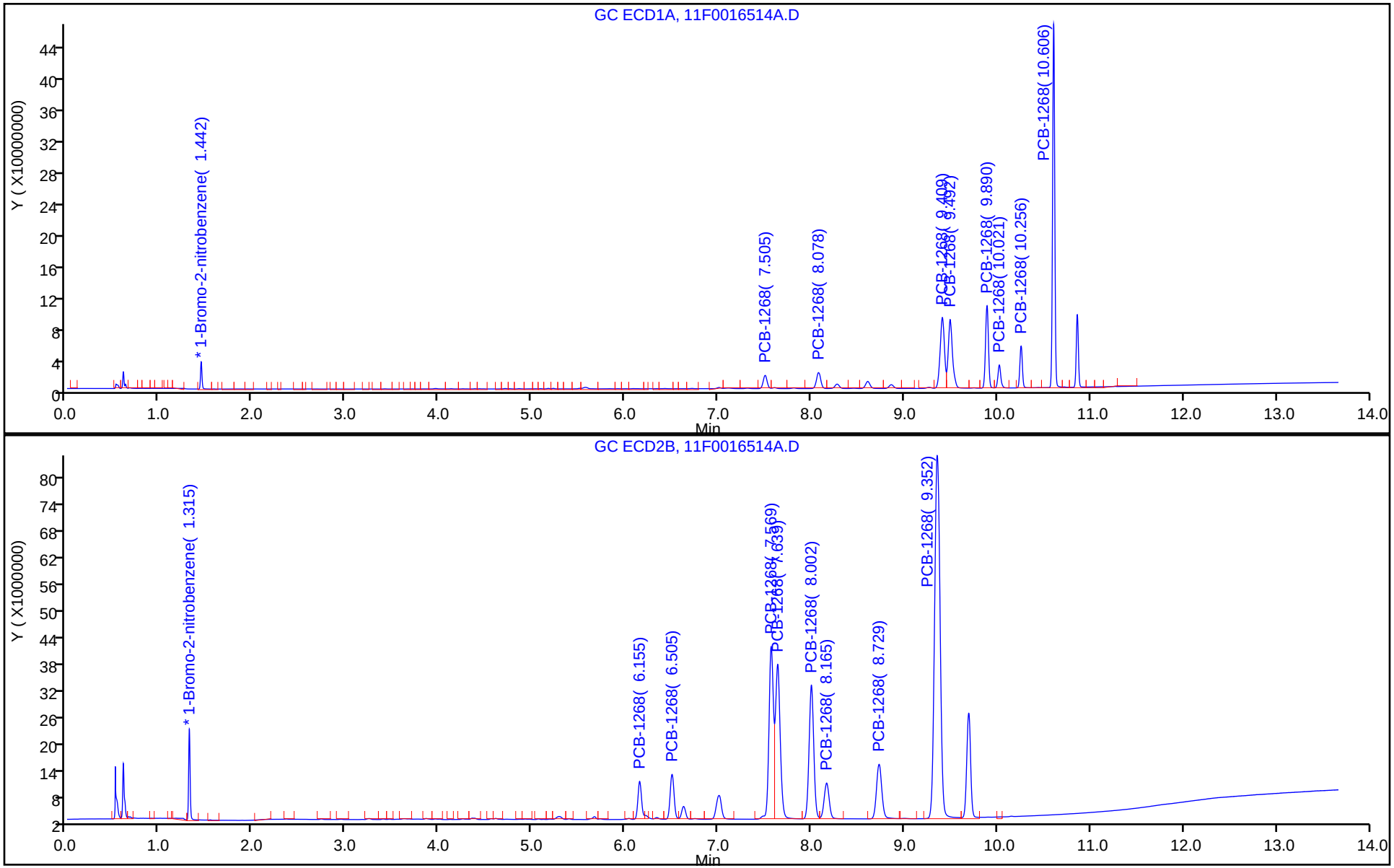
SG1268L4_00034	Amount Added:	1.00	Units: mL	
SGPCBISTD_00027	Amount Added:	20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:21 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Injection Date:	28-Nov-2022 18:23:45	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	IC 1268			Worklist Smp#:	17
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	22
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880106/10 Calibration Date: 11/28/2022 16:26

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0016507.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0195	0.0192		988	1000	-1.2	20.0
PCB-1016 Peak 2	Ave	0.0426	0.0407		955	1000	-4.5	20.0
PCB-1016 Peak 3	Ave	0.0922	0.0894		969	1000	-3.1	20.0
PCB-1016 Peak 4	Ave	0.0389	0.0376		967	1000	-3.3	20.0
PCB-1016 Peak 5	Ave	0.0311	0.0298		957	1000	-4.3	20.0
PCB-1016 Peak 6	Ave	0.0296	0.0289		974	1000	-2.6	20.0
PCB-1016 Peak 7	Ave	0.0307	0.0298		973	1000	-2.7	20.0
PCB-1016 Peak 8	Ave	0.0200	0.0195		973	1000	-2.7	20.0
PCB-1260 Peak 1	Ave	0.0271	0.0270		998	1000	-0.2	20.0
PCB-1260 Peak 2	Ave	0.0608	0.0612		1010	1000	0.6	20.0
PCB-1260 Peak 3	Ave	0.0696	0.0685		985	1000	-1.5	20.0
PCB-1260 Peak 4	Ave	0.0559	0.0556		994	1000	-0.6	20.0
PCB-1260 Peak 5	Ave	0.0651	0.0649		997	1000	-0.3	20.0
PCB-1260 Peak 6	Ave	0.1408	0.1395		991	1000	-0.9	20.0
PCB-1260 Peak 7	Ave	0.0984	0.1007		1020	1000	2.3	20.0
PCB-1260 Peak 8	Ave	0.0414	0.0425		1030	1000	2.5	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880106/10 Calibration Date: 11/28/2022 16:26

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0016507.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.93	2.90	2.96
PCB-1016 Peak 2	3.42	3.39	3.45
PCB-1016 Peak 3	3.96	3.94	4.00
PCB-1016 Peak 4	4.13	4.10	4.16
PCB-1016 Peak 5	4.26	4.23	4.29
PCB-1016 Peak 6	4.71	4.68	4.74
PCB-1016 Peak 7	4.86	4.83	4.89
PCB-1016 Peak 8	5.23	5.20	5.26
PCB-1260 Peak 1	6.14	6.11	6.17
PCB-1260 Peak 2	6.38	6.36	6.42
PCB-1260 Peak 3	6.72	6.69	6.75
PCB-1260 Peak 4	7.51	7.48	7.54
PCB-1260 Peak 5	8.08	8.05	8.11
PCB-1260 Peak 6	8.61	8.58	8.64
PCB-1260 Peak 7	9.42	9.40	9.46
PCB-1260 Peak 8	10.26	10.23	10.29

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016507.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Nov-2022 16:26:37 ALS Bottle#: 15 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub28

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:41 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 16:47:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.443	1.443	0.000	37332365	20.0	20.0	
2	1.316	1.315	0.001	23549564	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							
1	2.925	2.925	0.000	35888587	1000.0	988.2	
1	3.417	3.418	-0.001	75936083	1000.0	954.7	
1	3.964	3.965	-0.001	166807050	1000.0	968.8	
1	4.131	4.130	0.001	70144086	1000.0	966.7	
1	4.257	4.259	-0.002	55573231	1000.0	956.8	
1	4.712	4.711	0.001	53907169	1000.0	974.4	
1	4.860	4.860	0.000	55681884	1000.0	972.8	
1	5.227	5.228	-0.001	36335428	1000.0	973.1	
		Average of Peak Amounts =				969.4	
2	2.356	2.355	0.001	21545266	1000.0	948.0	
2	2.733	2.733	0.000	44213553	1000.0	1003.4	
2	2.946	2.945	0.001	29134411	1000.0	1014.0	
2	3.245	3.245	0.000	92322394	1000.0	1004.1	
2	3.394	3.395	-0.001	37924022	1000.0	1005.9	
2	3.463	3.464	-0.001	24065038	1000.0	1032.1	
2	3.863	3.861	0.002	37854022	1000.0	988.2	
2	4.301	4.301	0.000	16626216	1000.0	1011.5	
		Average of Peak Amounts =				1000.9	
						RPD = 3.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.141	6.140	0.001	50429758	1000.0	998.0	
1	6.383	6.385	-0.002	114312789	1000.0	1006.4	
1	6.718	6.719	-0.001	127893035	1000.0	985.0	
1	7.506	7.506	0.000	103796565	1000.0	993.9	M
1	8.077	8.076	0.001	121132286	1000.0	997.5	M
1	8.608	8.610	-0.002	260441520	1000.0	990.7	M
1	9.423	9.425	-0.002	187894704	1000.0	1023.3	M
1	10.262	10.260	0.002	79312051	1000.0	1025.3	
		Average of Peak Amounts =				1002.5	
2	5.286	5.286	0.000	52124001	1000.0	1017.2	
2	5.628	5.629	-0.001	90872842	1000.0	1006.1	
2	6.156	6.158	-0.002	50823069	1000.0	978.1	
2	6.509	6.510	-0.001	53244480	1000.0	1001.0	
2	7.015	7.014	0.001	127129078	1000.0	1005.9	
2	7.490	7.490	0.000	61313222	1000.0	1001.1	
2	7.651	7.654	-0.003	38262877	1000.0	1029.0	
2	8.731	8.733	-0.002	37110291	1000.0	1037.0	
		Average of Peak Amounts =				1009.4	
						RPD = 0.69	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

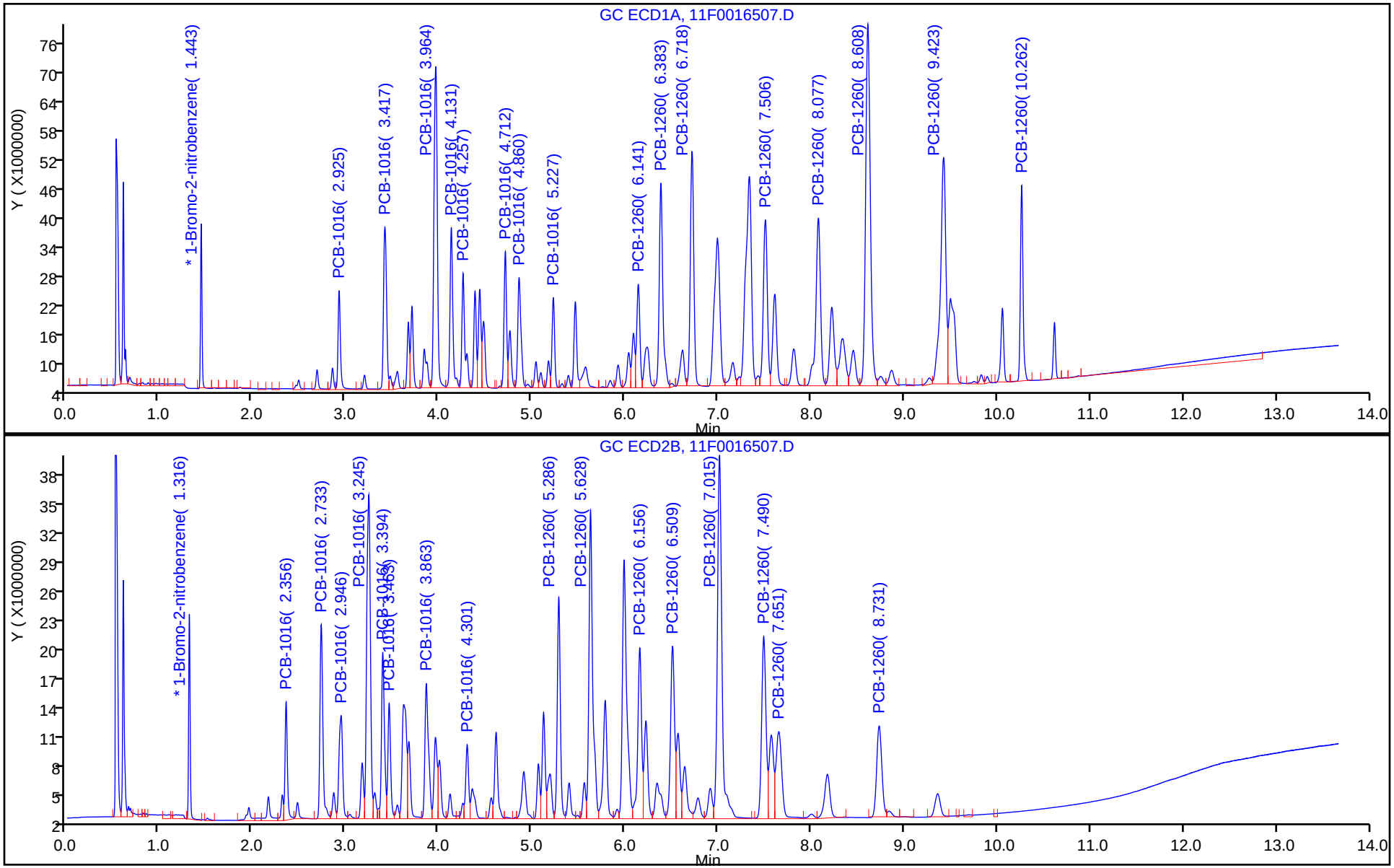
SGPCBICV_00031	Amount Added: 1.00	Units: mL	
SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:54 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016507.D

Injection Date:	28-Nov-2022 16:26:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880106/10 Calibration Date: 11/28/2022 16:26

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0016507.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0193	0.0183		948	1000	-5.2	20.0
PCB-1016 Peak 2	Ave	0.0374	0.0375		1000	1000	0.3	20.0
PCB-1016 Peak 3	Ave	0.0244	0.0247		1010	1000	1.4	20.0
PCB-1016 Peak 4	Ave	0.0781	0.0784		1000	1000	0.4	20.0
PCB-1016 Peak 5	Ave	0.0320	0.0322		1010	1000	0.6	20.0
PCB-1016 Peak 6	Ave	0.0198	0.0204		1030	1000	3.2	20.0
PCB-1016 Peak 7	Ave	0.0325	0.0321		988	1000	-1.2	20.0
PCB-1016 Peak 8	Ave	0.0140	0.0141		1010	1000	1.2	20.0
PCB-1260 Peak 1	Lin2		0.0443		1020	1000	1.7	20.0
PCB-1260 Peak 2	Ave	0.0767	0.0772		1010	1000	0.6	20.0
PCB-1260 Peak 3	Ave	0.0441	0.0432		978	1000	-2.2	20.0
PCB-1260 Peak 4	Ave	0.0452	0.0452		1000	1000	0.1	20.0
PCB-1260 Peak 5	Ave	0.1073	0.1080		1010	1000	0.6	20.0
PCB-1260 Peak 6	Ave	0.0520	0.0521		1000	1000	0.1	20.0
PCB-1260 Peak 7	Ave	0.0316	0.0325		1030	1000	2.9	20.0
PCB-1260 Peak 8	Ave	0.0304	0.0315		1040	1000	3.7	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880106/10 Calibration Date: 11/28/2022 16:26

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0016507.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.36	2.33	2.39
PCB-1016 Peak 2	2.73	2.70	2.76
PCB-1016 Peak 3	2.95	2.92	2.98
PCB-1016 Peak 4	3.25	3.22	3.28
PCB-1016 Peak 5	3.39	3.37	3.43
PCB-1016 Peak 6	3.46	3.43	3.49
PCB-1016 Peak 7	3.86	3.83	3.89
PCB-1016 Peak 8	4.30	4.27	4.33
PCB-1260 Peak 1	5.29	5.26	5.32
PCB-1260 Peak 2	5.63	5.60	5.66
PCB-1260 Peak 3	6.16	6.13	6.19
PCB-1260 Peak 4	6.51	6.48	6.54
PCB-1260 Peak 5	7.02	6.98	7.04
PCB-1260 Peak 6	7.49	7.46	7.52
PCB-1260 Peak 7	7.65	7.62	7.68
PCB-1260 Peak 8	8.73	8.70	8.76

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016507.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Nov-2022 16:26:37 ALS Bottle#: 15 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153757-010
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub28

Method: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 02-Dec-2022 09:21:41 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1652

First Level Reviewer: OR9X Date: 28-Nov-2022 16:47:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.443	1.443	0.000	37332365	20.0	20.0	
2	1.316	1.315	0.001	23549564	20.0	20.0	
						RPD = 0.00	
5 PCB-1016							
1	2.925	2.925	0.000	35888587	1000.0	988.2	
1	3.417	3.418	-0.001	75936083	1000.0	954.7	
1	3.964	3.965	-0.001	166807050	1000.0	968.8	
1	4.131	4.130	0.001	70144086	1000.0	966.7	
1	4.257	4.259	-0.002	55573231	1000.0	956.8	
1	4.712	4.711	0.001	53907169	1000.0	974.4	
1	4.860	4.860	0.000	55681884	1000.0	972.8	
1	5.227	5.228	-0.001	36335428	1000.0	973.1	
		Average of Peak Amounts =				969.4	
2	2.356	2.355	0.001	21545266	1000.0	948.0	
2	2.733	2.733	0.000	44213553	1000.0	1003.4	
2	2.946	2.945	0.001	29134411	1000.0	1014.0	
2	3.245	3.245	0.000	92322394	1000.0	1004.1	
2	3.394	3.395	-0.001	37924022	1000.0	1005.9	
2	3.463	3.464	-0.001	24065038	1000.0	1032.1	
2	3.863	3.861	0.002	37854022	1000.0	988.2	
2	4.301	4.301	0.000	16626216	1000.0	1011.5	
		Average of Peak Amounts =				1000.9	
						RPD = 3.20	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
8 PCB-1260							M
1	6.141	6.140	0.001	50429758	1000.0	998.0	
1	6.383	6.385	-0.002	114312789	1000.0	1006.4	
1	6.718	6.719	-0.001	127893035	1000.0	985.0	
1	7.506	7.506	0.000	103796565	1000.0	993.9	M
1	8.077	8.076	0.001	121132286	1000.0	997.5	M
1	8.608	8.610	-0.002	260441520	1000.0	990.7	M
1	9.423	9.425	-0.002	187894704	1000.0	1023.3	M
1	10.262	10.260	0.002	79312051	1000.0	1025.3	
		Average of Peak Amounts =				1002.5	
2	5.286	5.286	0.000	52124001	1000.0	1017.2	
2	5.628	5.629	-0.001	90872842	1000.0	1006.1	
2	6.156	6.158	-0.002	50823069	1000.0	978.1	
2	6.509	6.510	-0.001	53244480	1000.0	1001.0	
2	7.015	7.014	0.001	127129078	1000.0	1005.9	
2	7.490	7.490	0.000	61313222	1000.0	1001.1	
2	7.651	7.654	-0.003	38262877	1000.0	1029.0	
2	8.731	8.733	-0.002	37110291	1000.0	1037.0	
		Average of Peak Amounts =				1009.4	
						RPD = 0.69	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

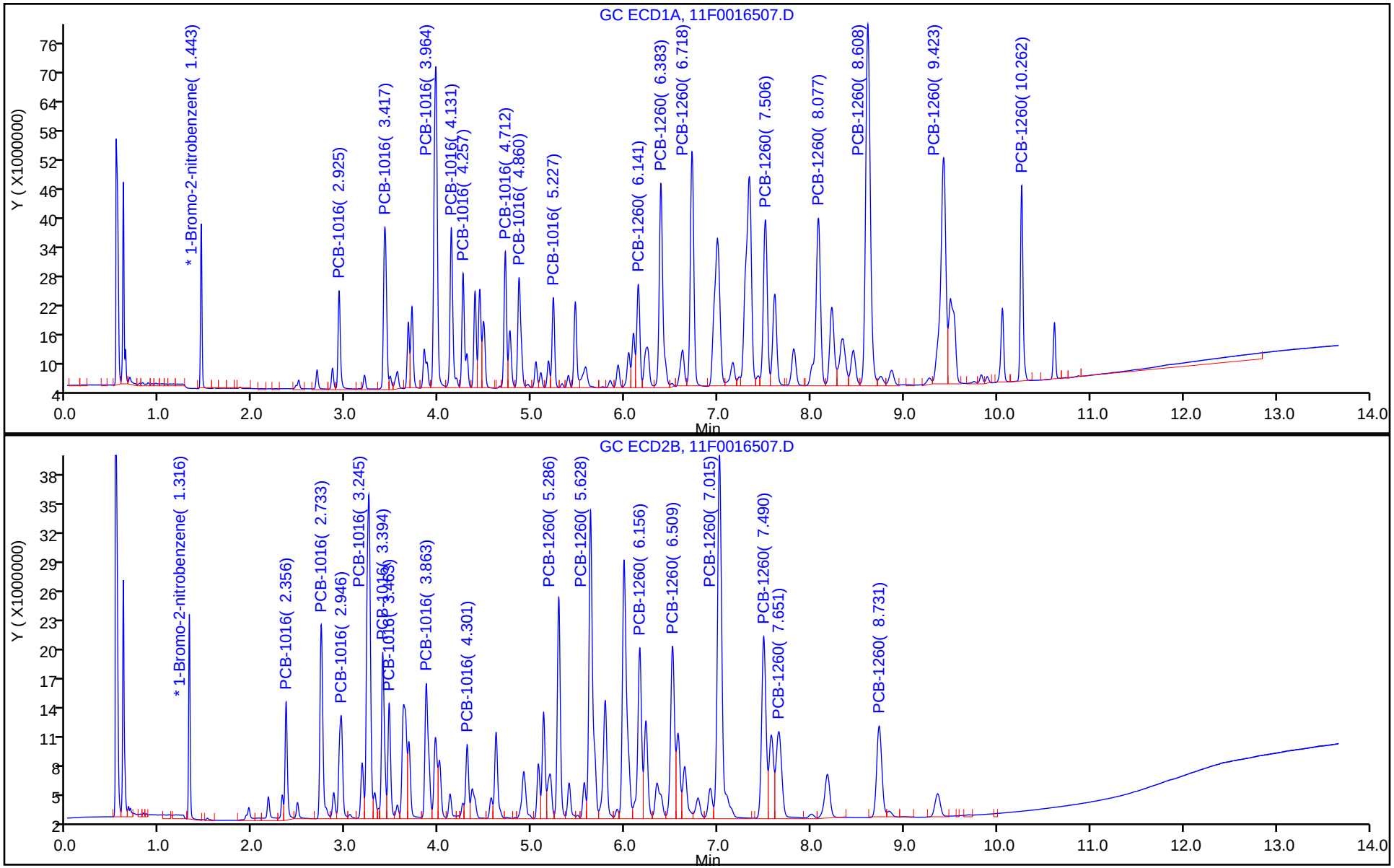
SGPCBICV_00031	Amount Added: 1.00	Units: mL	
SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 02-Dec-2022 09:21:54 Chrom Revision: 2.3 01-Dec-2022 08:01:02

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016507.D

Injection Date:	28-Nov-2022 16:26:37	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904129/2 Calibration Date: 04/20/2023 05:04

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0020134.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0195	0.0185		953	1000	-4.7	20.0
PCB-1016 Peak 2	Ave	0.0426	0.0353		828	1000	-17.2	20.0
PCB-1016 Peak 3	Ave	0.0922	0.0782		848	1000	-15.2	20.0
PCB-1016 Peak 4	Ave	0.0389	0.0338		869	1000	-13.1	20.0
PCB-1016 Peak 5	Ave	0.0311	0.0269		863	1000	-13.7	20.0
PCB-1016 Peak 6	Ave	0.0296	0.0264		889	1000	-11.1	20.0
PCB-1016 Peak 7	Ave	0.0307	0.0310		1010	1000	1.0	20.0
PCB-1016 Peak 8	Ave	0.0200	0.0225		1120	1000	12.2	20.0
PCB-1260 Peak 1	Ave	0.0271	0.0239		884	1000	-11.6	20.0
PCB-1260 Peak 2	Ave	0.0608	0.0546		897	1000	-10.3	20.0
PCB-1260 Peak 3	Ave	0.0696	0.0608		874	1000	-12.6	20.0
PCB-1260 Peak 4	Ave	0.0559	0.0500		894	1000	-10.6	20.0
PCB-1260 Peak 5	Ave	0.0651	0.0578		888	1000	-11.2	20.0
PCB-1260 Peak 6	Ave	0.1408	0.1251		888	1000	-11.2	20.0
PCB-1260 Peak 7	Ave	0.0984	0.0909		924	1000	-7.6	20.0
PCB-1260 Peak 8	Ave	0.0414	0.0389		938	1000	-6.2	20.0
Tetrachloro-m-xylene	Ave	1.009	1.008		99.9	100	-0.1	20.0
DCB Decachlorobiphenyl	Ave	1.108	1.042		94.0	100	-6.0	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904129/2 Calibration Date: 04/20/2023 05:04

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0020134.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.87	2.84	2.90
PCB-1016 Peak 2	3.35	3.32	3.38
PCB-1016 Peak 3	3.90	3.87	3.93
PCB-1016 Peak 4	4.06	4.03	4.09
PCB-1016 Peak 5	4.19	4.16	4.22
PCB-1016 Peak 6	4.64	4.61	4.67
PCB-1016 Peak 7	4.79	4.76	4.82
PCB-1016 Peak 8	5.15	5.12	5.18
PCB-1260 Peak 1	6.05	6.02	6.08
PCB-1260 Peak 2	6.29	6.26	6.32
PCB-1260 Peak 3	6.62	6.59	6.65
PCB-1260 Peak 4	7.39	7.36	7.42
PCB-1260 Peak 5	7.95	7.92	7.98
PCB-1260 Peak 6	8.47	8.44	8.50
PCB-1260 Peak 7	9.27	9.24	9.30
PCB-1260 Peak 8	10.18	10.15	10.21
Tetrachloro-m-xylene	2.28	2.25	2.31
DCB Decachlorobiphenyl	10.80	10.77	10.83

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020134.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Apr-2023 05:04:06 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:36:02 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.417	1.417	0.000	41065078	20.0	20.0	
2	1.287	1.287	0.000	25350906	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.276	2.276	0.000	207060308	100.0	99.9	
2	1.927	1.927	0.000	130901862	100.0	104.3	
						RPD = 4.32	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.868	2.868	0.000	38067040	1000.0	952.9	
1	3.354	3.354	0.000	72453658	1000.0	828.1	
1	3.897	3.897	0.000	160631363	1000.0	848.1	
1	4.062	4.062	0.000	69385944	1000.0	869.3	
1	4.187	4.187	0.000	55165475	1000.0	863.4	
1	4.638	4.638	0.000	54131234	1000.0	889.5	
1	4.785	4.785	0.000	63560975	1000.0	1009.5	
1	5.153	5.153	0.000	46099971	1000.0	1122.4	
		Average of Peak Amounts =				922.9	
2	2.301	2.301	0.000	23902223	1000.0	977.0	
2	2.673	2.673	0.000	43319718	1000.0	913.3	
2	2.883	2.883	0.000	29047509	1000.0	939.1	
2	3.176	3.176	0.000	86685442	1000.0	875.8	
2	3.323	3.323	0.000	38533228	1000.0	949.5	
2	3.391	3.391	0.000	23908350	1000.0	952.6	
2	3.787	3.787	0.000	38552481	1000.0	934.9	
2	4.223	4.223	0.000	18905466	1000.0	1068.5	
		Average of Peak Amounts =				951.3	
						RPD = 3.03	
8 PCB-1260							
1	6.049	6.049	0.000	49164307	1000.0	884.5	
1	6.287	6.287	0.000	112095100	1000.0	897.2	
1	6.617	6.617	0.000	124899234	1000.0	874.5	
1	7.388	7.388	0.000	102643223	1000.0	893.5	
1	7.945	7.945	0.000	118684270	1000.0	888.5	
1	8.469	8.469	0.000	256925123	1000.0	888.5	
1	9.270	9.270	0.000	186680566	1000.0	924.3	
1	10.182	10.182	0.000	79812704	1000.0	938.0	
		Average of Peak Amounts =				898.6	
2	5.203	5.203	0.000	48338861	1000.0	861.9	
2	5.538	5.538	0.000	89850442	1000.0	924.1	
2	6.055	6.055	0.000	49725459	1000.0	889.0	
2	6.399	6.399	0.000	52534474	1000.0	917.5	
2	6.891	6.891	0.000	125247358	1000.0	920.6	
2	7.356	7.356	0.000	61577574	1000.0	934.0	
2	7.514	7.514	0.000	37724932	1000.0	942.5	
2	8.571	8.571	0.000	38748408	1000.0	1005.8	
		Average of Peak Amounts =				924.4	
						RPD = 2.83	
$ 11 DCB Decachlorobiphenyl							
1	10.798	10.798	0.000	213950373	100.0	94.0	
2	9.574	9.574	0.000	105797399	100.0	101.3	
						RPD = 7.49	

Reagents:

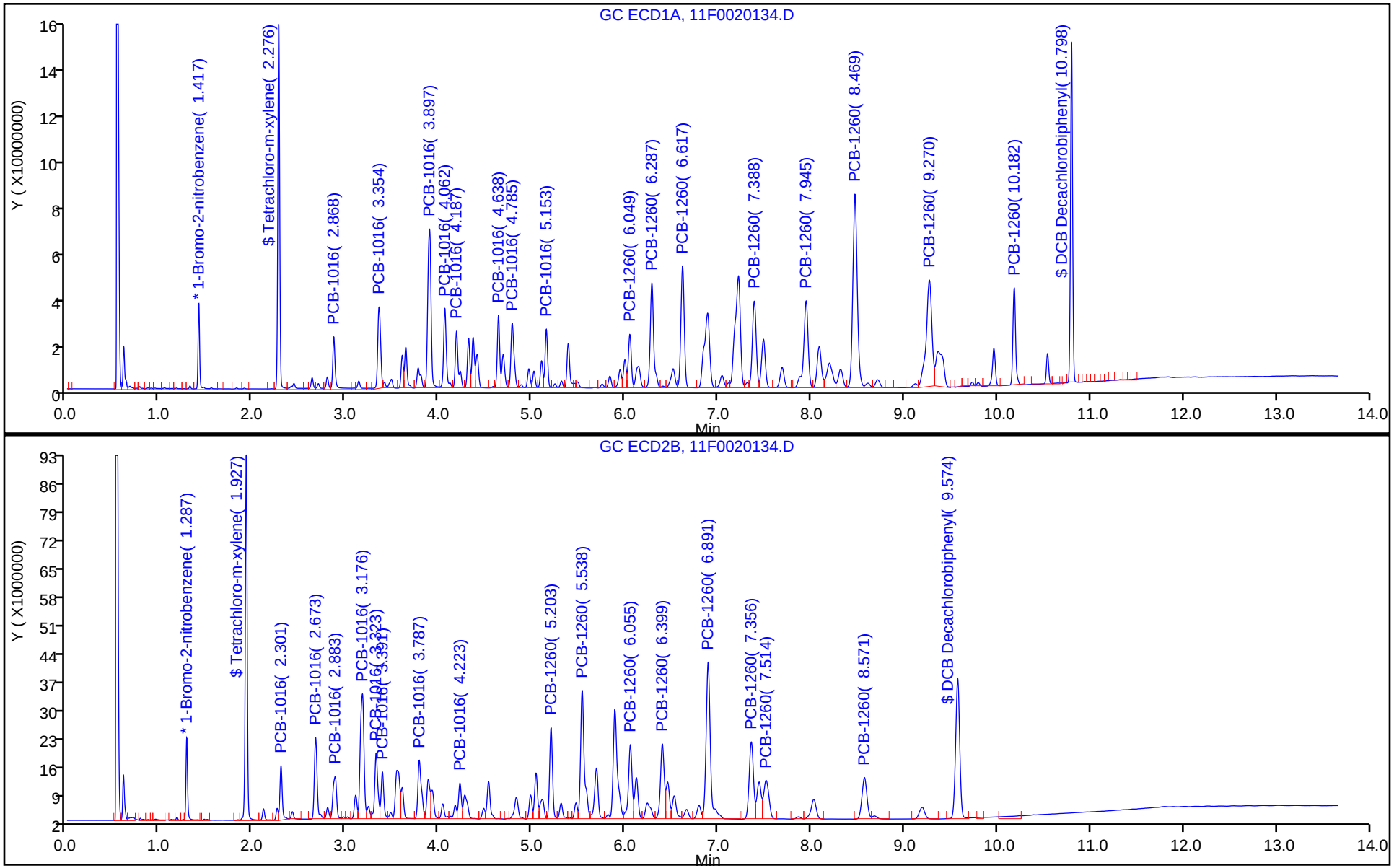
SG1660L3_00042	Amount Added: 1.00	Units: mL	
SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 07:36:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020134.D

Injection Date:	20-Apr-2023 05:04:06	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM VII
PCBS CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904129/2 Calibration Date: 04/20/2023 05:04

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0020134.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
PCB-1016 Peak 1	Ave	0.0193	0.0189		977	1000	-2.3	20.0
PCB-1016 Peak 2	Ave	0.0374	0.0342		913	1000	-8.7	20.0
PCB-1016 Peak 3	Ave	0.0244	0.0229		939	1000	-6.1	20.0
PCB-1016 Peak 4	Ave	0.0781	0.0684		876	1000	-12.4	20.0
PCB-1016 Peak 5	Ave	0.0320	0.0304		949	1000	-5.1	20.0
PCB-1016 Peak 6	Ave	0.0198	0.0189		953	1000	-4.7	20.0
PCB-1016 Peak 7	Ave	0.0325	0.0304		935	1000	-6.5	20.0
PCB-1016 Peak 8	Ave	0.0140	0.0149		1070	1000	6.8	20.0
PCB-1260 Peak 1	Lin2		0.0381		862	1000	-13.8	20.0
PCB-1260 Peak 2	Ave	0.0767	0.0709		924	1000	-7.6	20.0
PCB-1260 Peak 3	Ave	0.0441	0.0392		889	1000	-11.1	20.0
PCB-1260 Peak 4	Ave	0.0452	0.0414		917	1000	-8.3	20.0
PCB-1260 Peak 5	Ave	0.1073	0.0988		921	1000	-7.9	20.0
PCB-1260 Peak 6	Ave	0.0520	0.0486		934	1000	-6.6	20.0
PCB-1260 Peak 7	Ave	0.0316	0.0298		942	1000	-5.8	20.0
PCB-1260 Peak 8	Ave	0.0304	0.0306		1010	1000	0.6	20.0
Tetrachloro-m-xylene	Ave	0.9901	1.033		104	100	4.3	20.0
DCB Decachlorobiphenyl	Ave	0.8236	0.8347		101	100	1.3	20.0

FORM VII
PCBS CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVIS 460-904129/2 Calibration Date: 04/20/2023 05:04

Instrument ID: CPESTGC11 Calib Start Date: 11/28/2022 14:29

GC Column: Rtx-CLP ID: 0.53(mm) Calib End Date: 11/28/2022 16:09

Lab File ID: 11F0020134.D

Analyte	RT	RT WINDOW	
		FROM	TO
PCB-1016 Peak 1	2.30	2.27	2.33
PCB-1016 Peak 2	2.67	2.64	2.70
PCB-1016 Peak 3	2.88	2.85	2.91
PCB-1016 Peak 4	3.18	3.15	3.21
PCB-1016 Peak 5	3.32	3.29	3.35
PCB-1016 Peak 6	3.39	3.36	3.42
PCB-1016 Peak 7	3.79	3.76	3.82
PCB-1016 Peak 8	4.22	4.19	4.25
PCB-1260 Peak 1	5.20	5.17	5.23
PCB-1260 Peak 2	5.54	5.51	5.57
PCB-1260 Peak 3	6.06	6.03	6.09
PCB-1260 Peak 4	6.40	6.37	6.43
PCB-1260 Peak 5	6.89	6.86	6.92
PCB-1260 Peak 6	7.36	7.33	7.39
PCB-1260 Peak 7	7.51	7.48	7.54
PCB-1260 Peak 8	8.57	8.54	8.60
Tetrachloro-m-xylene	1.93	1.90	1.96
DCB Decachlorobiphenyl	9.57	9.47	9.67

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020134.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 20-Apr-2023 05:04:06 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-002
Operator ID: Instrument ID: CPESTGC11
Sublist: chrom-8082 ISTD*sub2

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:36:02 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.417	1.417	0.000	41065078	20.0	20.0	
2	1.287	1.287	0.000	25350906	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.276	2.276	0.000	207060308	100.0	99.9	
2	1.927	1.927	0.000	130901862	100.0	104.3	
						RPD = 4.32	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							
1	2.868	2.868	0.000	38067040	1000.0	952.9	
1	3.354	3.354	0.000	72453658	1000.0	828.1	
1	3.897	3.897	0.000	160631363	1000.0	848.1	
1	4.062	4.062	0.000	69385944	1000.0	869.3	
1	4.187	4.187	0.000	55165475	1000.0	863.4	
1	4.638	4.638	0.000	54131234	1000.0	889.5	
1	4.785	4.785	0.000	63560975	1000.0	1009.5	
1	5.153	5.153	0.000	46099971	1000.0	1122.4	
		Average of Peak Amounts =				922.9	
2	2.301	2.301	0.000	23902223	1000.0	977.0	
2	2.673	2.673	0.000	43319718	1000.0	913.3	
2	2.883	2.883	0.000	29047509	1000.0	939.1	
2	3.176	3.176	0.000	86685442	1000.0	875.8	
2	3.323	3.323	0.000	38533228	1000.0	949.5	
2	3.391	3.391	0.000	23908350	1000.0	952.6	
2	3.787	3.787	0.000	38552481	1000.0	934.9	
2	4.223	4.223	0.000	18905466	1000.0	1068.5	
		Average of Peak Amounts =				951.3	
						RPD = 3.03	
8 PCB-1260							
1	6.049	6.049	0.000	49164307	1000.0	884.5	
1	6.287	6.287	0.000	112095100	1000.0	897.2	
1	6.617	6.617	0.000	124899234	1000.0	874.5	
1	7.388	7.388	0.000	102643223	1000.0	893.5	
1	7.945	7.945	0.000	118684270	1000.0	888.5	
1	8.469	8.469	0.000	256925123	1000.0	888.5	
1	9.270	9.270	0.000	186680566	1000.0	924.3	
1	10.182	10.182	0.000	79812704	1000.0	938.0	
		Average of Peak Amounts =				898.6	
2	5.203	5.203	0.000	48338861	1000.0	861.9	
2	5.538	5.538	0.000	89850442	1000.0	924.1	
2	6.055	6.055	0.000	49725459	1000.0	889.0	
2	6.399	6.399	0.000	52534474	1000.0	917.5	
2	6.891	6.891	0.000	125247358	1000.0	920.6	
2	7.356	7.356	0.000	61577574	1000.0	934.0	
2	7.514	7.514	0.000	37724932	1000.0	942.5	
2	8.571	8.571	0.000	38748408	1000.0	1005.8	
		Average of Peak Amounts =				924.4	
						RPD = 2.83	
$ 11 DCB Decachlorobiphenyl							
1	10.798	10.798	0.000	213950373	100.0	94.0	
2	9.574	9.574	0.000	105797399	100.0	101.3	
						RPD = 7.49	

Reagents:

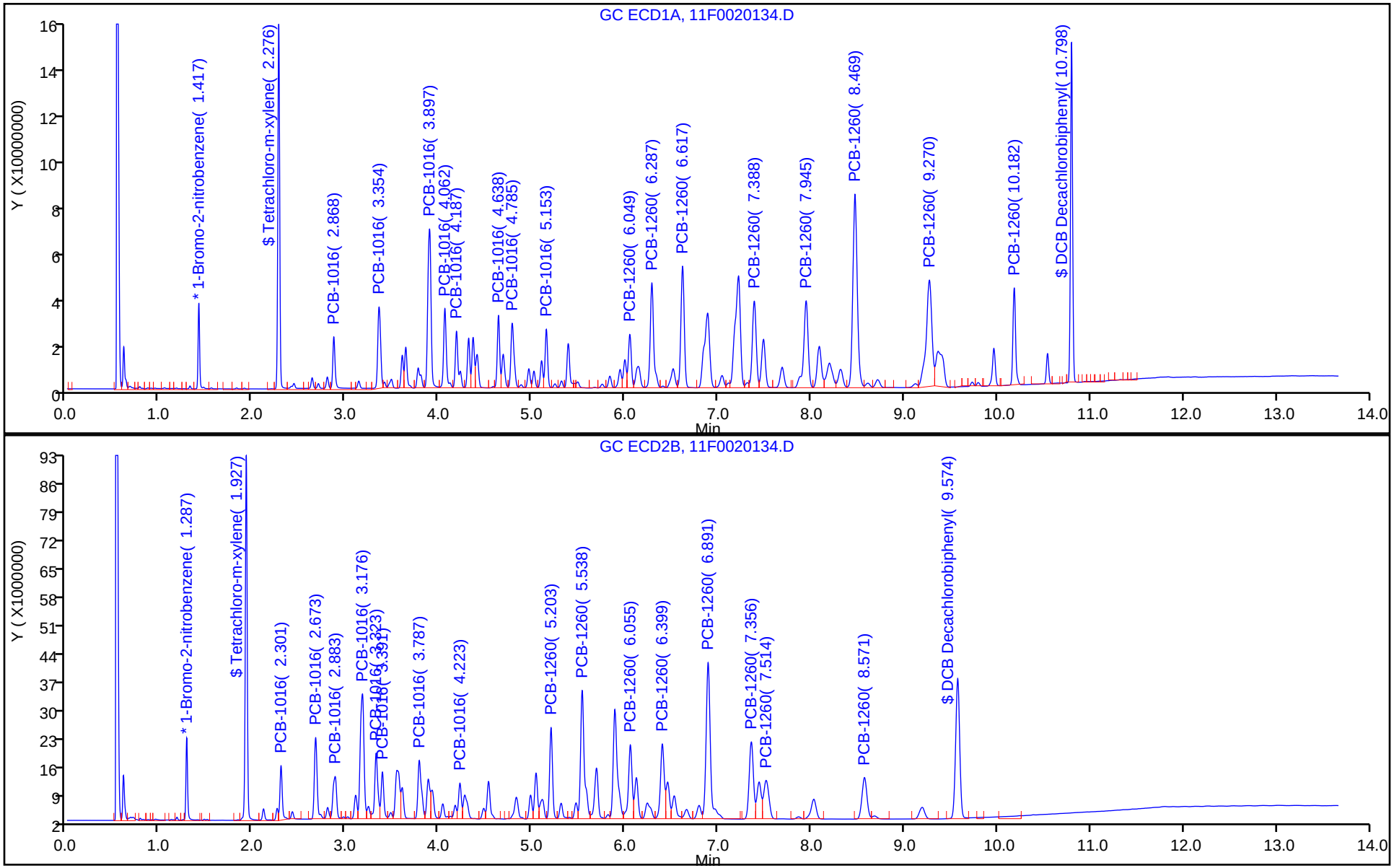
SG1660L3_00042	Amount Added: 1.00	Units: mL	
SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 07:36:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020134.D

Injection Date:	20-Apr-2023 05:04:06	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	CCVIS			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		



4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-904040/1-A

Matrix: Solid | Lab File ID: 11F0020138.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.00(g) | Date Analyzed: 04/20/2023 06:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.018*	*U*	*0.067*	*0.018*
11104-28-2	*Aroclor 1221*	*0.018*	*U*	*0.067*	*0.018*
11141-16-5	*Aroclor 1232*	*0.018*	*U*	*0.067*	*0.018*
53469-21-9	*Aroclor 1242*	*0.018*	*U*	*0.067*	*0.018*
12672-29-6	*Aroclor 1248*	*0.018*	*U*	*0.067*	*0.018*
11097-69-1	*Aroclor 1254*	*0.018*	*U*	*0.067*	*0.018*
11096-82-5	*Aroclor 1260*	*0.018*	*U*	*0.067*	*0.018*
11100-14-4	*Aroclor 1268*	*0.018*	*U*	*0.067*	*0.018*
37324-23-5	*Aroclor-1262*	*0.018*	*U*	*0.067*	*0.018*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.018*	*U*	*0.067*	*0.018*

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020138.D
Lims ID: MB 460-904040/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 06:11:01 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-006
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 06:52:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.415	1.417	-0.002	47241992	20.0	20.0	
2	1.286	1.287	-0.001	29592362	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.273	2.276	-0.003	85198382	50.0	35.7	
2	1.926	1.927	-0.001	58690173	50.0	40.1	
						RPD = 11.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.795	10.798	-0.003	96303849	50.0	36.8	
2	9.574	9.574	0.000	49195538	50.0	40.4	
						RPD = 9.28	

QC Flag Legend

Processing Flags

Reagents:

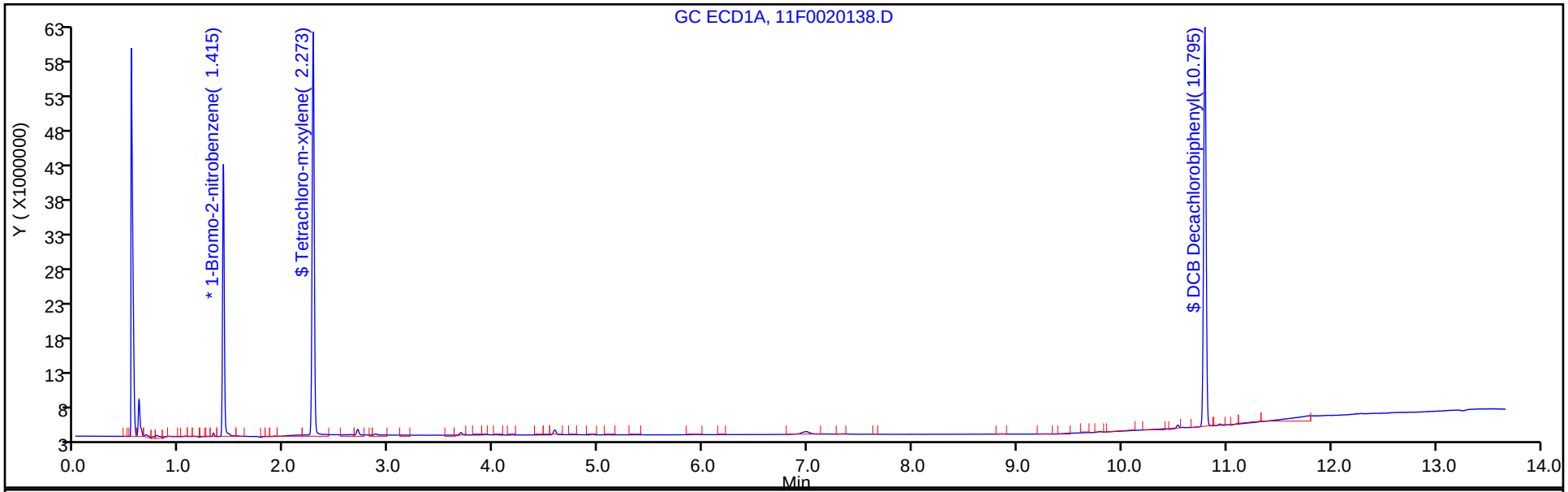
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

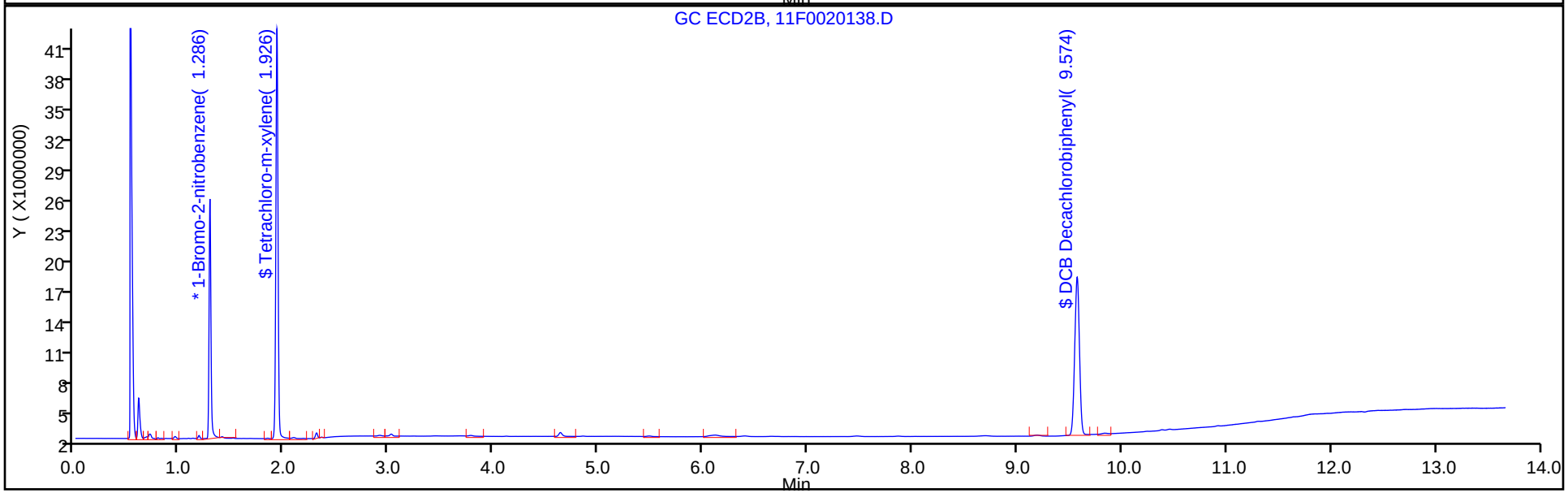
Report Date: 20-Apr-2023 07:35:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020138.D

Injection Date:	20-Apr-2023 06:11:01	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-904040/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-904040/1-A

Matrix: Solid | Lab File ID: 11F0020138.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.00(g) | Date Analyzed: 04/20/2023 06:11

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.018	U	0.067	0.018
11104-28-2	Aroclor 1221	0.018	U	0.067	0.018
11141-16-5	Aroclor 1232	0.018	U	0.067	0.018
53469-21-9	Aroclor 1242	0.018	U	0.067	0.018
12672-29-6	Aroclor 1248	0.018	U	0.067	0.018
11097-69-1	Aroclor 1254	0.018	U	0.067	0.018
11096-82-5	Aroclor 1260	0.018	U	0.067	0.018
11100-14-4	Aroclor 1268	0.018	U	0.067	0.018
37324-23-5	Aroclor-1262	0.018	U	0.067	0.018
1336-36-3	Polychlorinated biphenyls, Total	0.018	U	0.067	0.018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		10-150
877-09-8	Tetrachloro-m-xylene	80		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020138.D
Lims ID: MB 460-904040/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 06:11:01 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-006
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 06:52:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.415	1.417	-0.002	47241992	20.0	20.0	
2	1.286	1.287	-0.001	29592362	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.273	2.276	-0.003	85198382	50.0	35.7	
2	1.926	1.927	-0.001	58690173	50.0	40.1	
						RPD = 11.43	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							
1	10.795	10.798	-0.003	96303849	50.0	36.8	
2	9.574	9.574	0.000	49195538	50.0	40.4	
						RPD = 9.28	

QC Flag Legend

Processing Flags

Reagents:

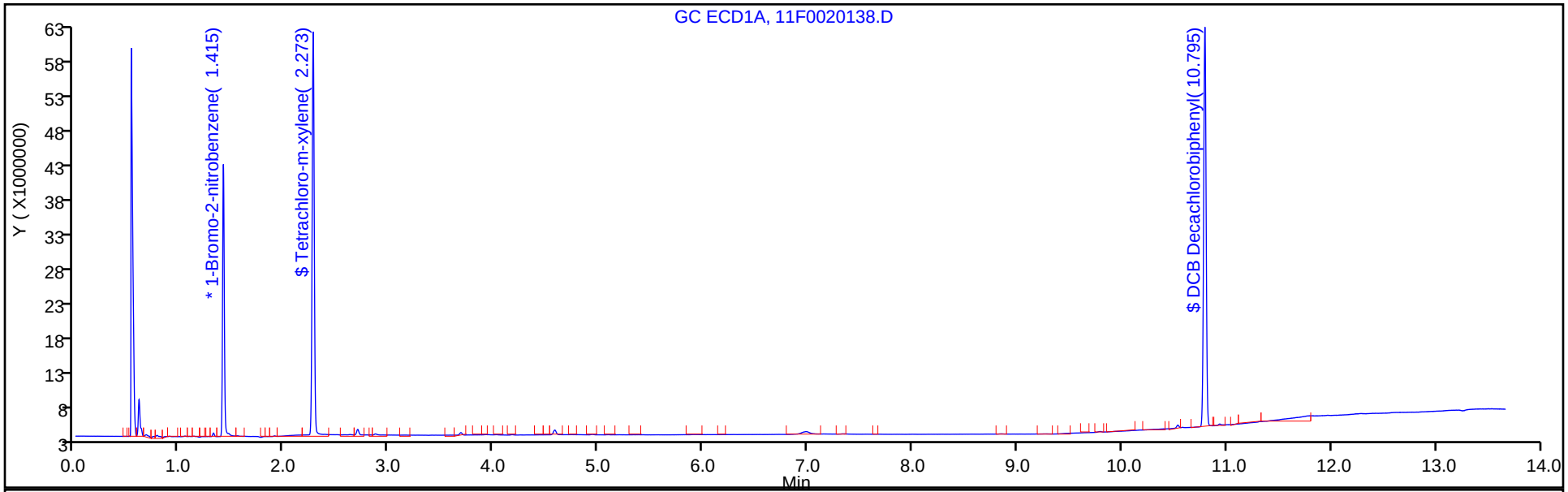
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

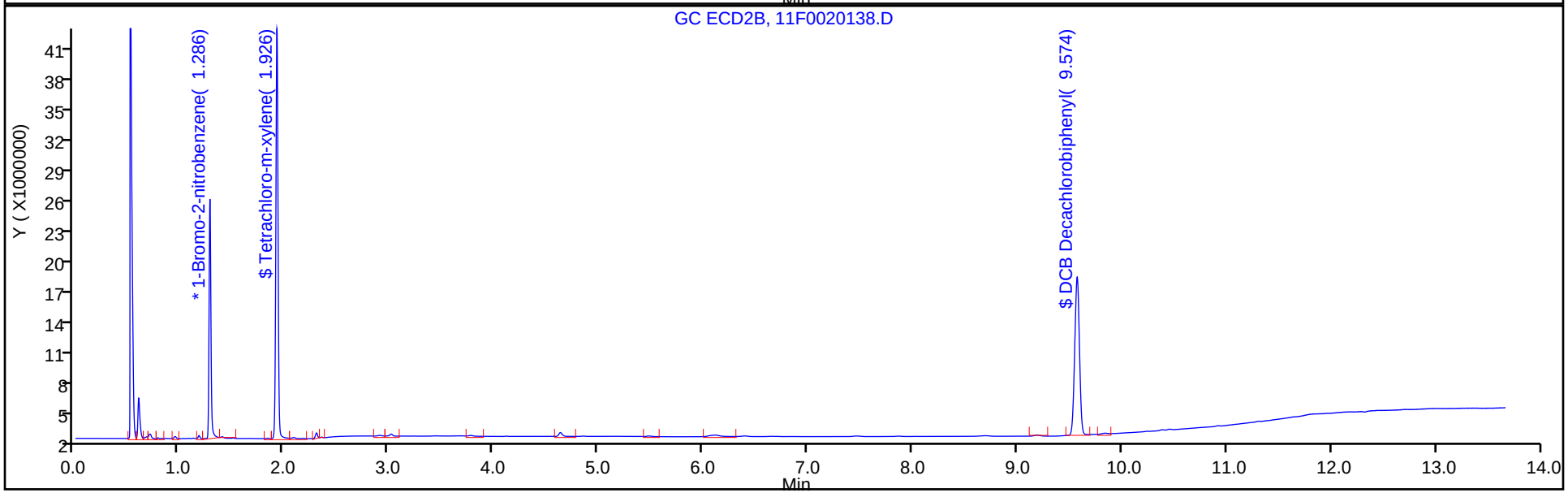
Report Date: 20-Apr-2023 07:35:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020138.D

Injection Date:	20-Apr-2023 06:11:01	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	MB 460-904040/1-A			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-904129/1

Matrix: Solid | Lab File ID: 11F0020133.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/20/2023 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.12	U	0.50	0.12
11104-28-2	Aroclor 1221	0.12	U	0.50	0.12
11141-16-5	Aroclor 1232	0.12	U	0.50	0.12
53469-21-9	Aroclor 1242	0.12	U	0.50	0.12
12672-29-6	Aroclor 1248	0.12	U	0.50	0.12
11097-69-1	Aroclor 1254	0.11	U	0.50	0.11
11096-82-5	Aroclor 1260	0.11	U	0.50	0.11
11100-14-4	Aroclor 1268	0.11	U	0.50	0.11
37324-23-5	Aroclor-1262	0.11	U	0.50	0.11
1336-36-3	Polychlorinated biphenyls, Total	0.12	U	0.50	0.12

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	105		10-150
877-09-8	Tetrachloro-m-xylene	114		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020133.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 20-Apr-2023 04:47:22 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-001
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 05:28:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.425	1.417	0.008	35953226	20.0	20.0	
2	1.280	1.287	-0.007	22643348	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.290	2.276	0.014	41377472	20.0	22.8	
2	1.919	1.927	-0.008	24574251	20.0	21.9	
						RPD = 3.93	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							Ma
1	10.835	10.798	0.037	41903169	20.0	21.0	M
2	9.574	9.574	0.000	22329614	20.0	23.9	
						RPD = 12.96	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

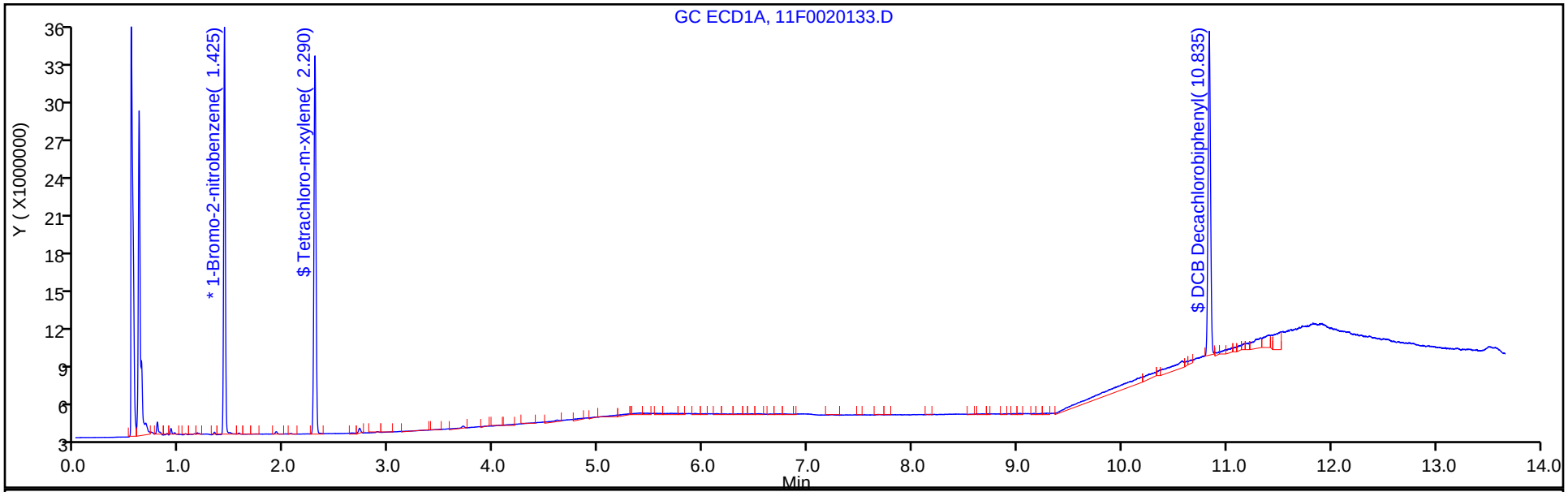
SGPIBLK_00035	Amount Added: 1.00	Units: mL	
SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

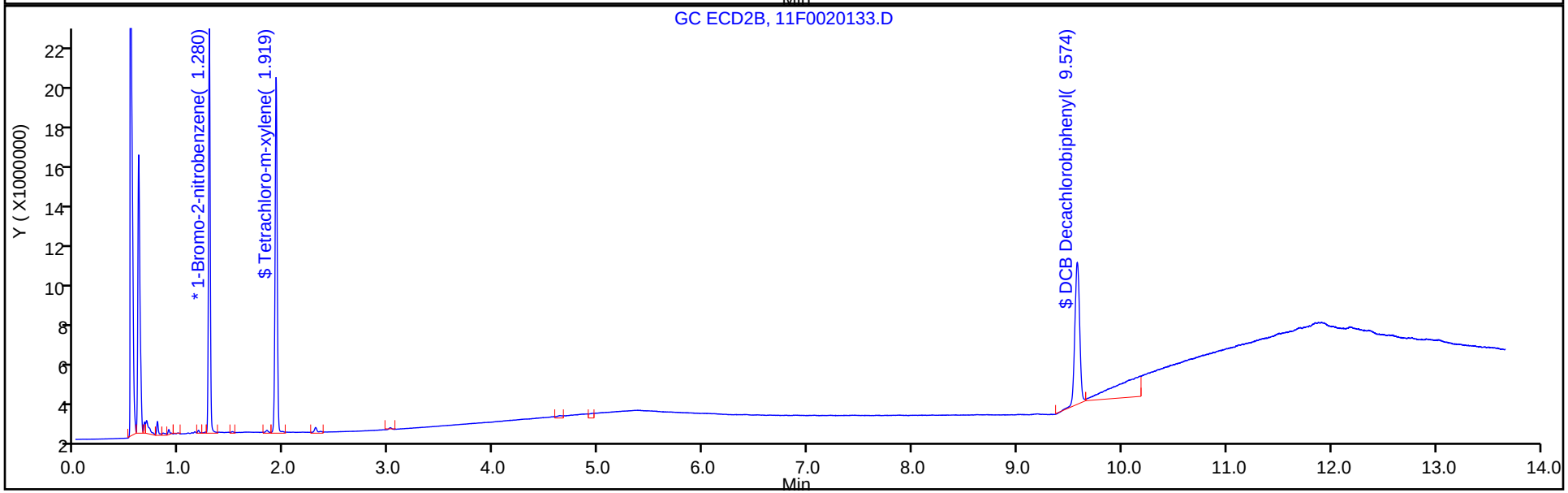
Report Date: 20-Apr-2023 07:36:01 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020133.D

Injection Date:	20-Apr-2023 04:47:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

Manual Integration/User Assign Peak Report

Eurofins Edison

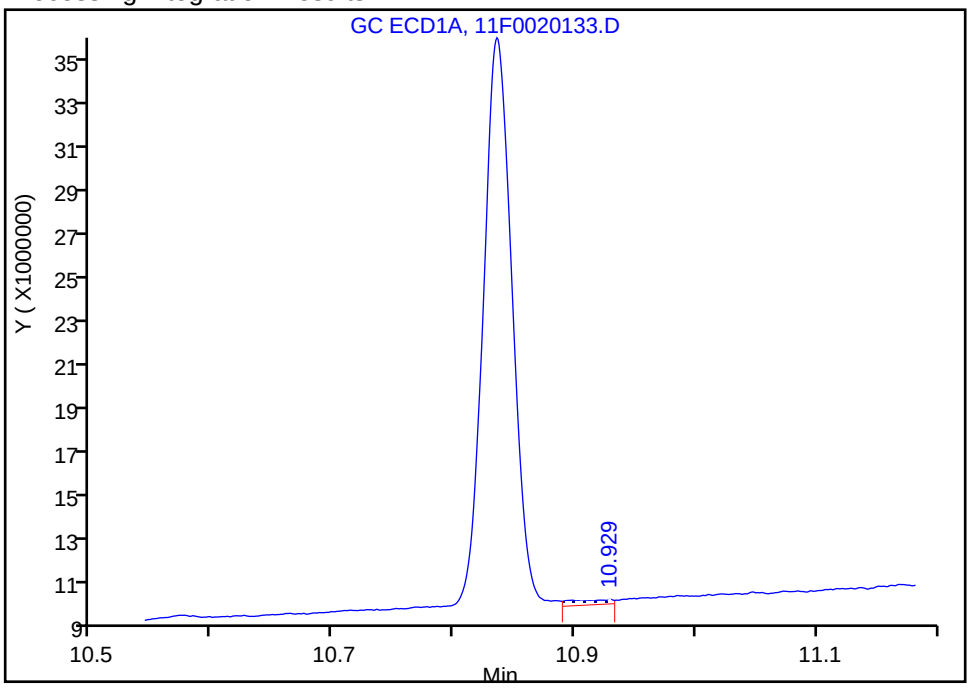
Data File:	\\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020133.D				
Injection Date:	20-Apr-2023 04:47:22	Instrument ID:	CPESTGC11		
Lims ID:	PIBLK				
Client ID:					
Operator ID:		ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		
Column:		Detector	GC ECD1A		

$ 11 DCB Decachlorobiphenyl, CAS: 2051-24-3

Signal: 1

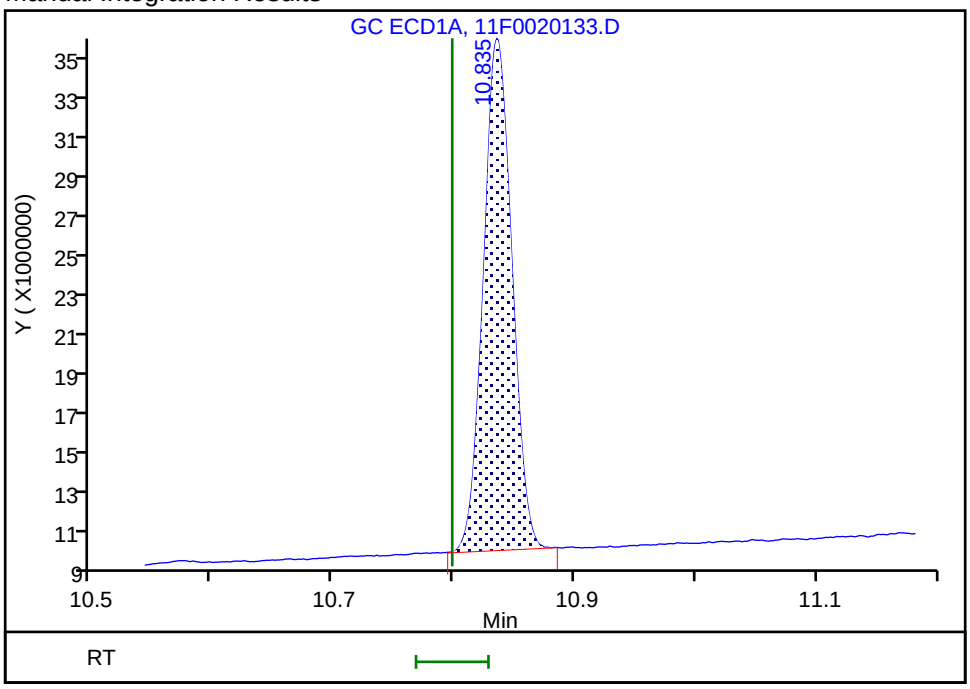
Processing Integration Results

RT: 10.93
Area: 497173
Amount: 0.249562
Amount Units: ug/l



Manual Integration Results

RT: 10.84
Area: 41903169
Amount: 21.033790
Amount Units: ug/l



Reviewer: ESS0, 20-Apr-2023 05:28:26

Audit Action: Manually Integrated Audit Reason: Peak not integrated

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: PIBLK 460-904129/1

Matrix: Solid | Lab File ID: 11F0020133.D

Analysis Method: 8082A | Date Collected:

Extraction Method: | Date Extracted:

Sample wt/vol: 1(mL) | Date Analyzed: 04/20/2023 04:47

Con. Extract Vol.: 1(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: ug/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.12*	*U*	*0.50*	*0.12*
11104-28-2	*Aroclor 1221*	*0.12*	*U*	*0.50*	*0.12*
11141-16-5	*Aroclor 1232*	*0.12*	*U*	*0.50*	*0.12*
53469-21-9	*Aroclor 1242*	*0.12*	*U*	*0.50*	*0.12*
12672-29-6	*Aroclor 1248*	*0.12*	*U*	*0.50*	*0.12*
11097-69-1	*Aroclor 1254*	*0.11*	*U*	*0.50*	*0.11*
11096-82-5	*Aroclor 1260*	*0.11*	*U*	*0.50*	*0.11*
11100-14-4	*Aroclor 1268*	*0.11*	*U*	*0.50*	*0.11*
37324-23-5	*Aroclor-1262*	*0.11*	*U*	*0.50*	*0.11*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.12*	*U*	*0.50*	*0.12*

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	120		10-150
877-09-8	Tetrachloro-m-xylene	110		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020133.D
Lims ID: PIBLK
Client ID:
Sample Type: PIBLK
Inject. Date: 20-Apr-2023 04:47:22 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-001
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 05:28:31

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.425	1.417	0.008	35953226	20.0	20.0	
2	1.280	1.287	-0.007	22643348	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.290	2.276	0.014	41377472	20.0	22.8	
2	1.919	1.927	-0.008	24574251	20.0	21.9	
						RPD = 3.93	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 DCB Decachlorobiphenyl							Ma
1	10.835	10.798	0.037	41903169	20.0	21.0	M
2	9.574	9.574	0.000	22329614	20.0	23.9	
						RPD = 12.96	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

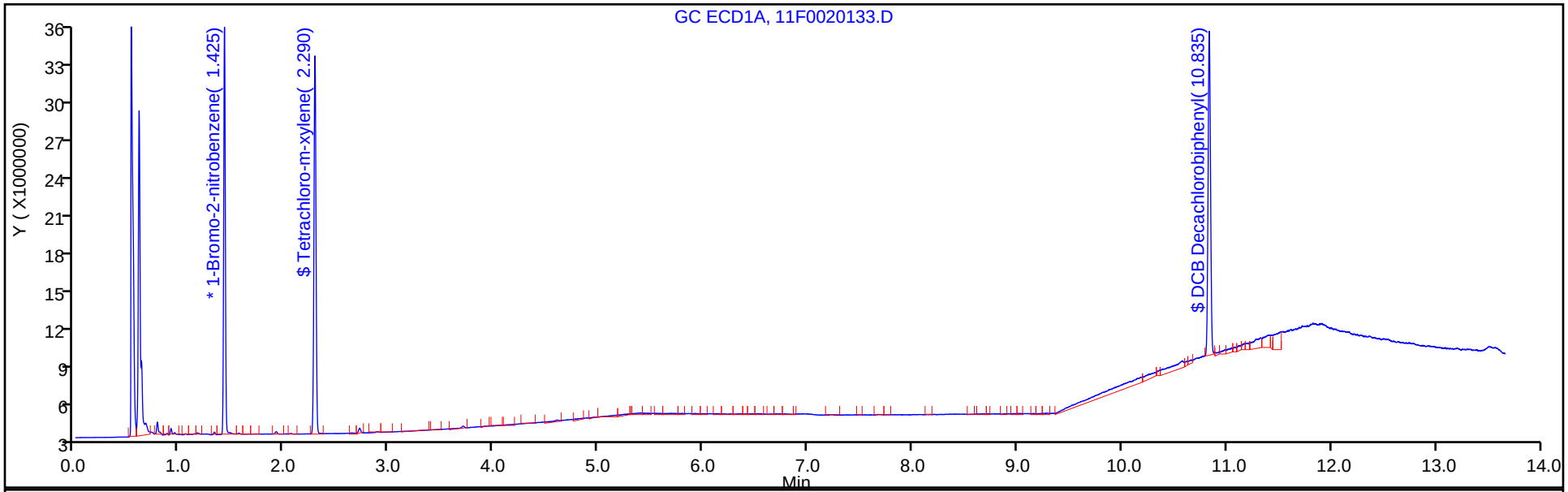
SGPIBLK_00035	Amount Added: 1.00	Units: mL	
SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

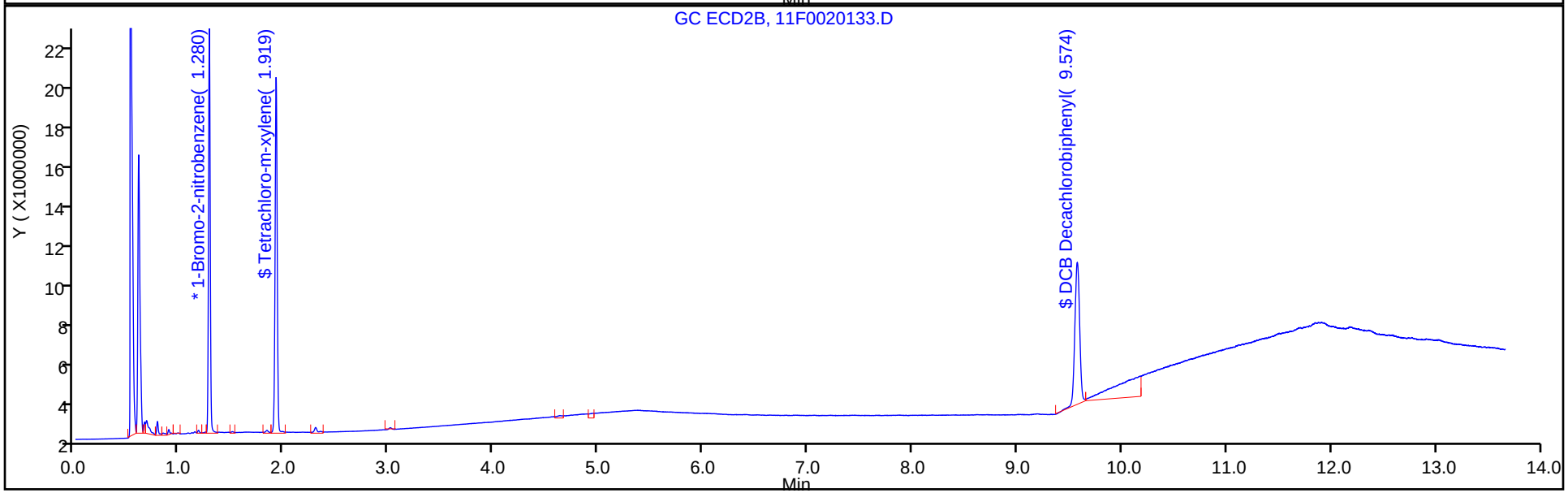
Report Date: 20-Apr-2023 07:36:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020133.D

Injection Date:	20-Apr-2023 04:47:22	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	PIBLK			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-904040/2-A

Matrix: Solid | Lab File ID: 11F0020139.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.00(g) | Date Analyzed: 04/20/2023 06:27

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	*Aroclor 1016*	*0.276*		*0.067*	*0.018*
11096-82-5	*Aroclor 1260*	*0.289*		*0.067*	*0.018*
1336-36-3	*Polychlorinated biphenyls, Total*	*0.565*		*0.067*	*0.018*

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020139.D
Lims ID: LCS 460-904040/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 06:27:43 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-007
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 06:53:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.414	1.417	-0.003	48203555	20.0	20.0	
2	1.285	1.287	-0.002	30377426	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.271	2.276	-0.005	81803669	50.0	33.6	
2	1.925	1.927	-0.002	59963549	50.0	39.9	
						RPD = 17.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.863	2.868	-0.005	19101723	500.0	407.4	
1	3.349	3.354	-0.005	38889687	500.0	378.7	M
1	3.890	3.897	-0.007	86146086	500.0	387.5	M
1	4.056	4.062	-0.006	37505399	500.0	400.3	M
1	4.181	4.187	-0.006	29925302	500.0	399.0	M
1	4.632	4.638	-0.006	29367819	500.0	411.1	M
1	4.780	4.785	-0.005	33821505	500.0	457.6	M
1	5.147	5.153	-0.006	22698023	500.0	470.8	M
		Average of Peak Amounts =				414.0	
2	2.299	2.301	-0.002	14016993	500.0	478.1	
2	2.672	2.673	-0.001	25930658	500.0	456.2	
2	2.880	2.883	-0.003	17609607	500.0	475.1	
2	3.174	3.176	-0.002	49286064	500.0	415.6	
2	3.321	3.323	-0.002	22701355	500.0	466.8	
2	3.390	3.391	-0.001	14155710	500.0	470.7	
2	3.786	3.787	-0.001	22686497	500.0	459.1	
2	4.222	4.223	-0.001	10677319	500.0	503.6	
		Average of Peak Amounts =				465.7	
						RPD = 11.73	
8 PCB-1260							M
1	6.043	6.049	-0.006	29172442	500.0	447.1	M
1	6.280	6.287	-0.007	62039219	500.0	423.0	M
1	6.609	6.617	-0.008	72778538	500.0	434.1	M
1	7.380	7.388	-0.008	58606039	500.0	434.6	M
1	7.935	7.945	-0.010	67061921	500.0	427.7	M
1	8.462	8.469	-0.007	146888183	500.0	432.7	M
1	9.262	9.270	-0.008	104253925	500.0	439.7	M
1	10.176	10.182	-0.006	43030292	500.0	430.8	
		Average of Peak Amounts =				433.7	
2	5.202	5.203	-0.001	29660530	500.0	390.8	
2	5.536	5.538	-0.002	53822521	500.0	462.0	
2	6.054	6.055	-0.001	30357597	500.0	452.9	
2	6.399	6.399	0.000	31360648	500.0	457.1	
2	6.890	6.891	-0.001	72917091	500.0	447.3	
2	7.352	7.356	-0.004	36146229	500.0	457.5	
2	7.511	7.514	-0.003	21435869	500.0	446.9	
2	8.570	8.571	-0.001	21192471	500.0	459.1	
		Average of Peak Amounts =				446.7	
						RPD = 2.95	
$ 11 DCB Decachlorobiphenyl							
1	10.794	10.798	-0.004	97976112	50.0	36.7	
2	9.571	9.574	-0.003	50576111	50.0	40.4	
						RPD = 9.72	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00027	Amount Added: 20.00	Units: uL	Run Reagent

Report Date: 20-Apr-2023 07:35:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020139.D

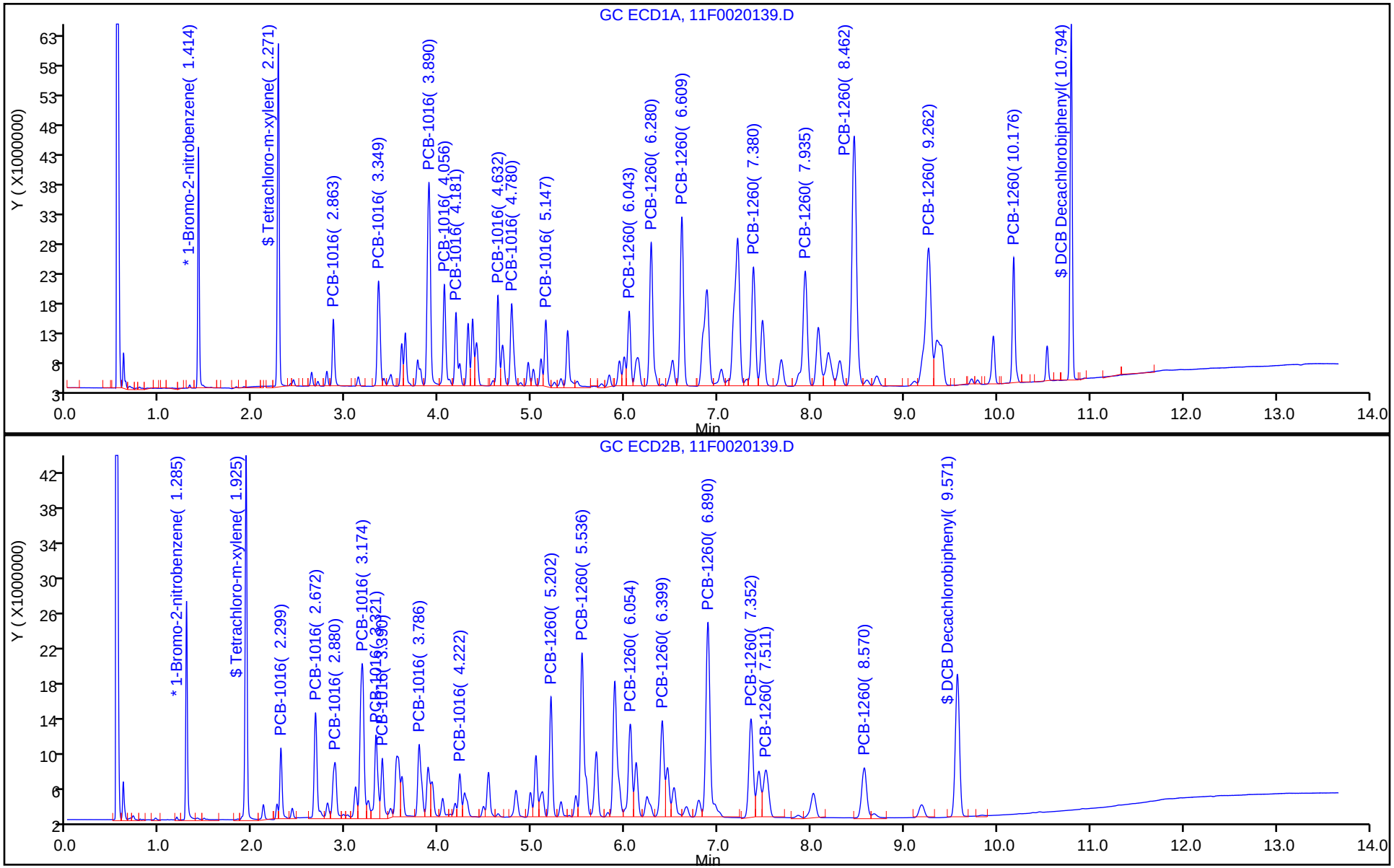
Injection Date: 20-Apr-2023 06:27:43 Instrument ID: CPESTGC11 Operator ID:

Lims ID: LCS 460-904040/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



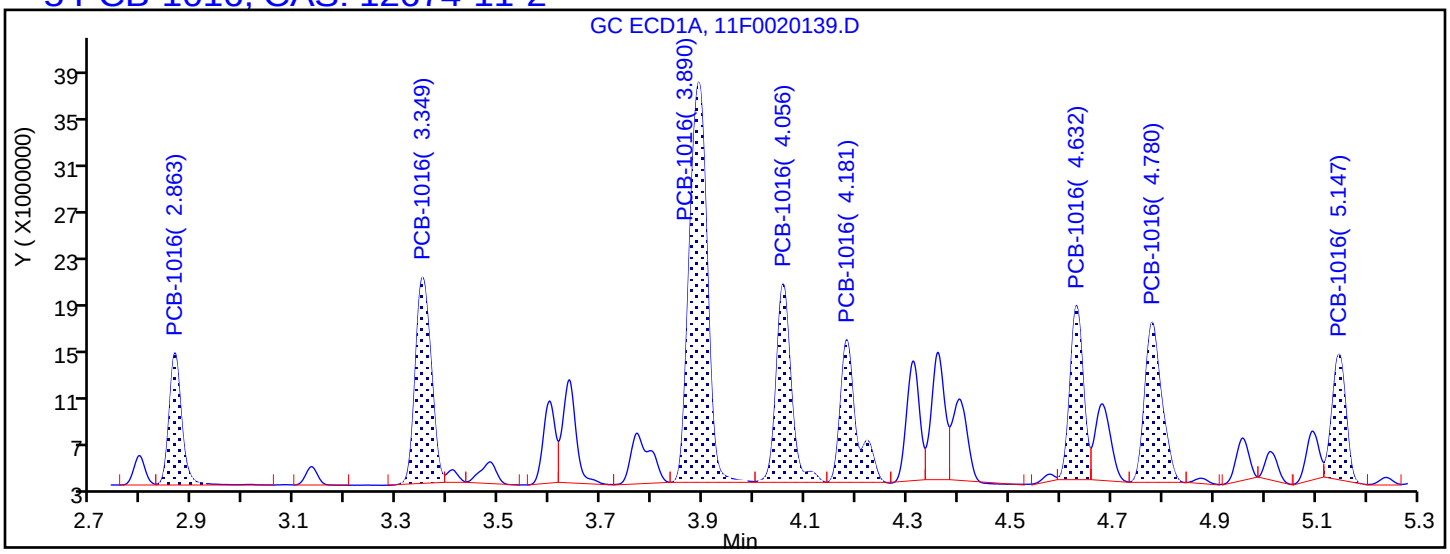
4/26/2023 9:25 PM

Report Date: 20-Apr-2023 07:35:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

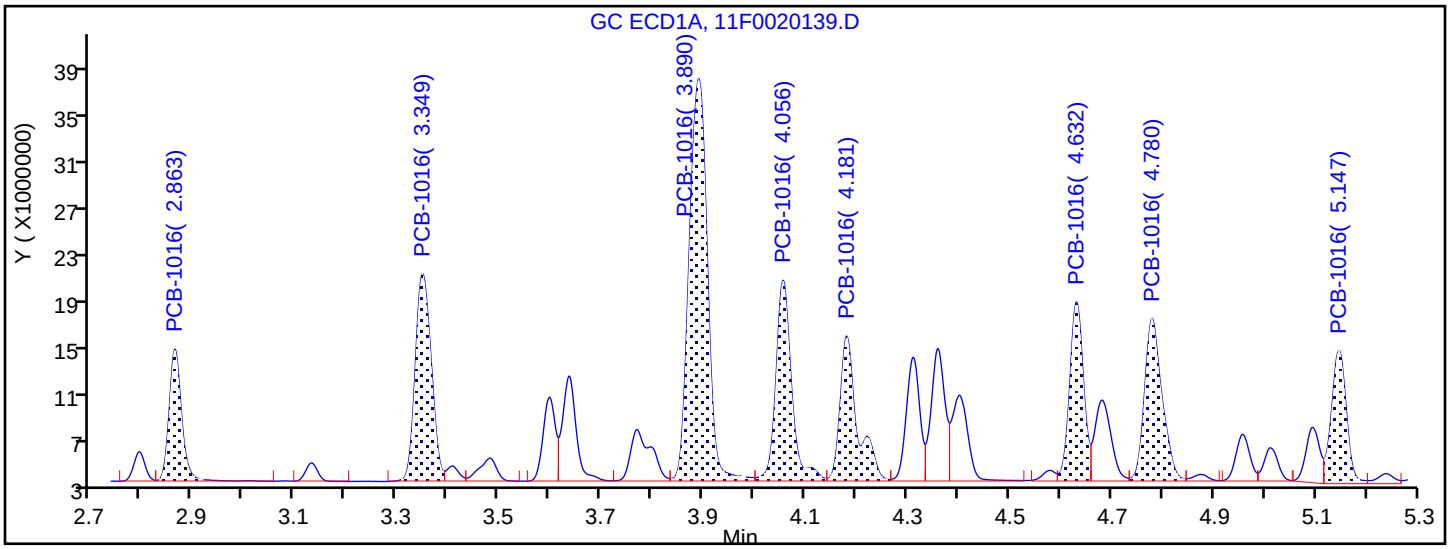
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020139.D
Injection Date: 20-Apr-2023 06:27:43 Instrument ID: CPESTGC11
Lims ID: LCS 460-904040/2-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.863	Response = 19101723
3.349	Response = 38030747
3.890	Response = 82918256
4.056	Response = 34710625
4.181	Response = 27928828
4.632	Response = 26846759
4.780	Response = 31695140
5.147	Response = 20471994



Manual Integration Results

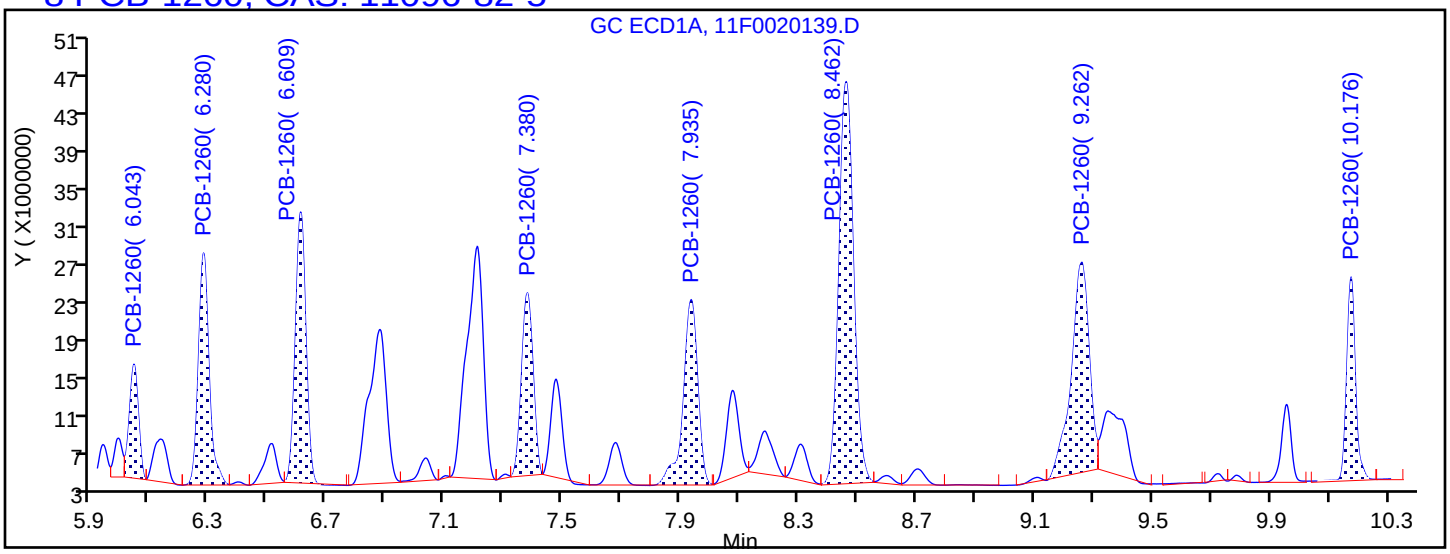
2.863	Response = 19101723	
3.349	Response = 38889687	M
3.890	Response = 86146086	M
4.056	Response = 37505399	M
4.181	Response = 29925302	M
4.632	Response = 29367819	M

Report Date: 20-Apr-2023 07:35:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

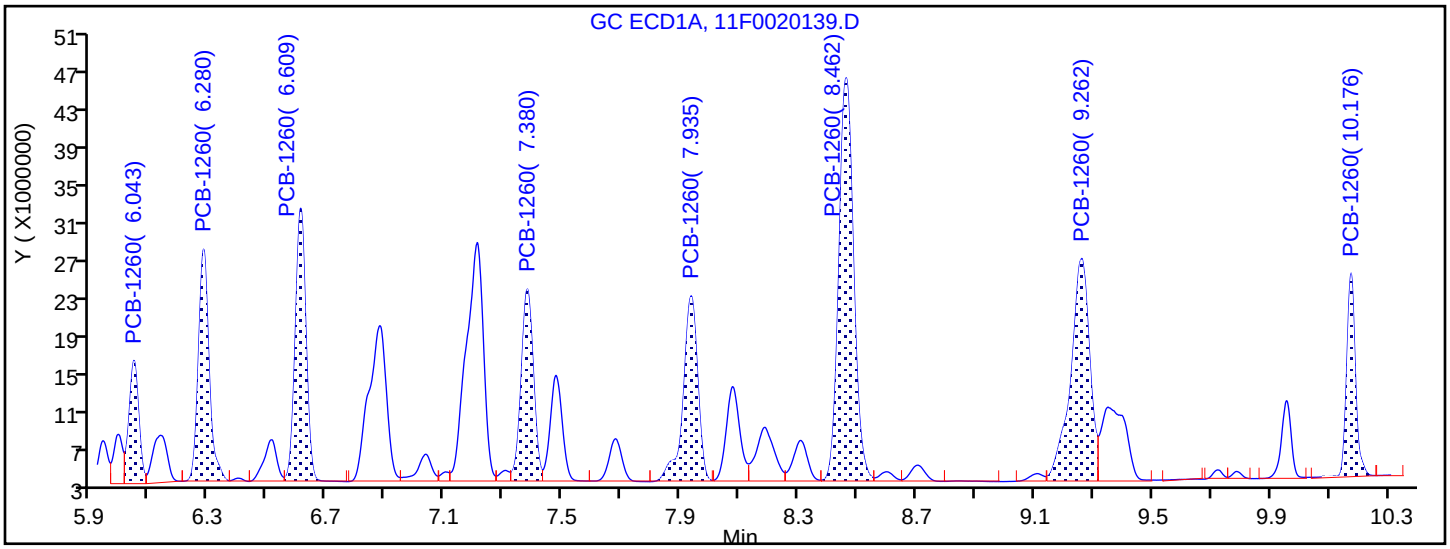
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020139.D
Injection Date: 20-Apr-2023 06:27:43 Instrument ID: CPESTGC11
Lims ID: LCS 460-904040/2-A
Client ID:
Operator ID: ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD1A

8 PCB-1260, CAS: 11096-82-5



Processing Integration Results

6.043	Response = 25355775
6.280	Response = 60788217
6.609	Response = 69981472
7.380	Response = 51270562
7.935	Response = 66259313
8.462	Response = 144166321
9.262	Response = 92947809
10.176	Response = 43030292



Manual Integration Results

6.043	Response = 29172442	M
6.280	Response = 62039219	M
6.609	Response = 72778538	M
7.380	Response = 58606039	M
7.935	Response = 67061921	M
8.462	Response = 146888183	M

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-904040/2-A

Matrix: Solid Lab File ID: 11F0020139.D

Analysis Method: 8082A Date Collected:

Extraction Method: 3546 Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.00(g) Date Analyzed: 04/20/2023 06:27

Con. Extract Vol.: 10(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.310		0.067	0.018
11096-82-5	Aroclor 1260	0.298		0.067	0.018
1336-36-3	Polychlorinated biphenyls, Total	0.608		0.067	0.018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		10-150
877-09-8	Tetrachloro-m-xylene	80		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020139.D
Lims ID: LCS 460-904040/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 06:27:43 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-007
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 06:53:13

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.414	1.417	-0.003	48203555	20.0	20.0	
2	1.285	1.287	-0.002	30377426	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.271	2.276	-0.005	81803669	50.0	33.6	
2	1.925	1.927	-0.002	59963549	50.0	39.9	
						RPD = 17.01	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.863	2.868	-0.005	19101723	500.0	407.4	
1	3.349	3.354	-0.005	38889687	500.0	378.7	M
1	3.890	3.897	-0.007	86146086	500.0	387.5	M
1	4.056	4.062	-0.006	37505399	500.0	400.3	M
1	4.181	4.187	-0.006	29925302	500.0	399.0	M
1	4.632	4.638	-0.006	29367819	500.0	411.1	M
1	4.780	4.785	-0.005	33821505	500.0	457.6	M
1	5.147	5.153	-0.006	22698023	500.0	470.8	M
		Average of Peak Amounts =				414.0	
2	2.299	2.301	-0.002	14016993	500.0	478.1	
2	2.672	2.673	-0.001	25930658	500.0	456.2	
2	2.880	2.883	-0.003	17609607	500.0	475.1	
2	3.174	3.176	-0.002	49286064	500.0	415.6	
2	3.321	3.323	-0.002	22701355	500.0	466.8	
2	3.390	3.391	-0.001	14155710	500.0	470.7	
2	3.786	3.787	-0.001	22686497	500.0	459.1	
2	4.222	4.223	-0.001	10677319	500.0	503.6	
		Average of Peak Amounts =				465.7	
						RPD = 11.73	
8 PCB-1260							M
1	6.043	6.049	-0.006	29172442	500.0	447.1	M
1	6.280	6.287	-0.007	62039219	500.0	423.0	M
1	6.609	6.617	-0.008	72778538	500.0	434.1	M
1	7.380	7.388	-0.008	58606039	500.0	434.6	M
1	7.935	7.945	-0.010	67061921	500.0	427.7	M
1	8.462	8.469	-0.007	146888183	500.0	432.7	M
1	9.262	9.270	-0.008	104253925	500.0	439.7	M
1	10.176	10.182	-0.006	43030292	500.0	430.8	
		Average of Peak Amounts =				433.7	
2	5.202	5.203	-0.001	29660530	500.0	390.8	
2	5.536	5.538	-0.002	53822521	500.0	462.0	
2	6.054	6.055	-0.001	30357597	500.0	452.9	
2	6.399	6.399	0.000	31360648	500.0	457.1	
2	6.890	6.891	-0.001	72917091	500.0	447.3	
2	7.352	7.356	-0.004	36146229	500.0	457.5	
2	7.511	7.514	-0.003	21435869	500.0	446.9	
2	8.570	8.571	-0.001	21192471	500.0	459.1	
		Average of Peak Amounts =				446.7	
						RPD = 2.95	
$ 11 DCB Decachlorobiphenyl							
1	10.794	10.798	-0.004	97976112	50.0	36.7	
2	9.571	9.574	-0.003	50576111	50.0	40.4	
						RPD = 9.72	

QC Flag Legend

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 07:35:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020139.D

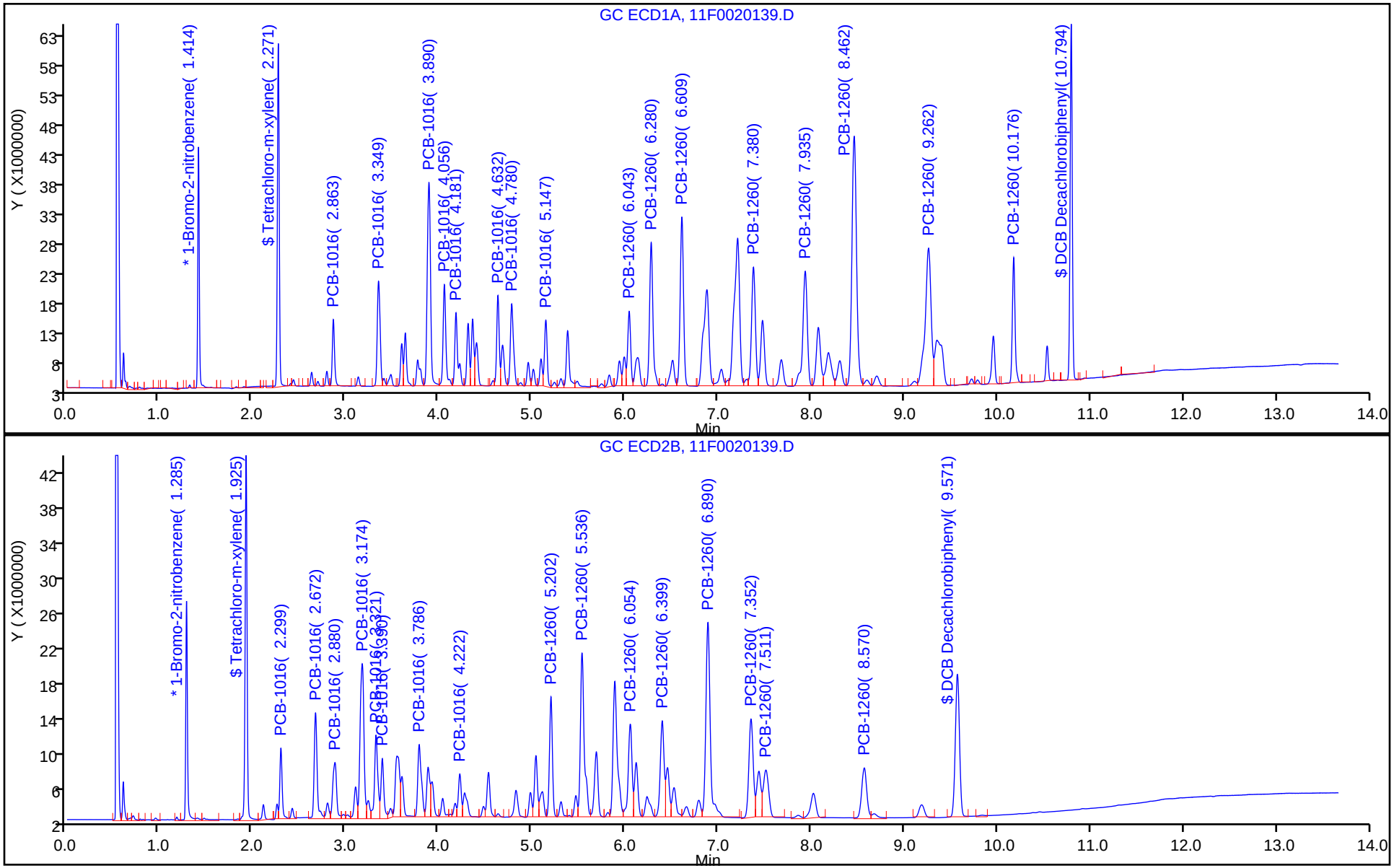
Injection Date: 20-Apr-2023 06:27:43 Instrument ID: CPESTGC11 Operator ID:

Lims ID: LCS 460-904040/2-A Worklist Smp#: 7

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 7

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-904040/3-A

Matrix: Solid | Lab File ID: 11F0020140.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.00(g) | Date Analyzed: 04/20/2023 06:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.272		0.067	0.018
11096-82-5	Aroclor 1260	0.276		0.067	0.018
1336-36-3	Polychlorinated biphenyls, Total	0.548		0.067	0.018

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020140.D
Lims ID: LCSD 460-904040/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 06:44:27 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-008
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 07:09:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.415	1.417	-0.002	48657762	20.0	20.0	
2	1.287	1.287	0.000	29672542	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.273	2.276	-0.003	81704895	50.0	33.3	
2	1.927	1.927	0.000	59067527	50.0	40.2	
						RPD = 18.90	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.864	2.868	-0.004	20395607	500.0	430.9	
1	3.350	3.354	-0.004	41001627	500.0	395.5	
1	3.894	3.897	-0.003	85470308	500.0	380.9	
1	4.058	4.062	-0.004	36692291	500.0	388.0	
1	4.183	4.187	-0.004	29121293	500.0	384.7	
1	4.634	4.638	-0.004	28783336	500.0	399.2	
1	4.781	4.785	-0.004	32800382	500.0	439.7	
1	5.148	5.153	-0.005	21800379	500.0	448.0	
		Average of Peak Amounts =				408.3	
2	2.301	2.301	0.000	13153515	500.0	459.3	
2	2.673	2.673	0.000	24815217	500.0	447.0	M
2	2.882	2.883	-0.001	16863675	500.0	465.8	M
2	3.175	3.176	-0.001	48437875	500.0	418.1	M
2	3.323	3.323	0.000	22139167	500.0	466.1	M
2	3.390	3.391	-0.001	13663776	500.0	465.1	M
2	3.787	3.787	0.000	22176176	500.0	459.5	M
2	4.224	4.223	0.001	10397516	500.0	502.0	M
		Average of Peak Amounts =				460.4	
						RPD = 11.98	
8 PCB-1260							
1	6.044	6.049	-0.005	27838613	500.0	422.7	
1	6.280	6.287	-0.007	59796981	500.0	403.9	
1	6.611	6.617	-0.006	70004558	500.0	413.7	
1	7.380	7.388	-0.008	56461700	500.0	414.8	
1	7.936	7.945	-0.009	64700324	500.0	408.8	
1	8.464	8.469	-0.005	141443520	500.0	412.8	
1	9.264	9.270	-0.006	99850478	500.0	417.2	
1	10.178	10.182	-0.004	42089416	500.0	417.5	
		Average of Peak Amounts =				413.9	
2	5.203	5.203	0.000	29173818	500.0	394.2	
2	5.539	5.538	0.001	53137543	500.0	466.9	
2	6.055	6.055	0.000	29736273	500.0	454.2	
2	6.399	6.399	0.000	30652026	500.0	457.4	
2	6.890	6.891	-0.001	71459304	500.0	448.8	
2	7.355	7.356	-0.001	35560258	500.0	460.8	
2	7.514	7.514	0.000	20907327	500.0	446.3	
2	8.570	8.571	-0.001	20858133	500.0	462.6	
		Average of Peak Amounts =				448.9	
						RPD = 8.11	
$ 11 DCB Decachlorobiphenyl							
1	10.799	10.798	0.001	96742491	50.0	35.9	
2	9.574	9.574	0.000	49550239	50.0	40.6	
						RPD = 12.22	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

Report Date: 20-Apr-2023 07:36:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020140.D

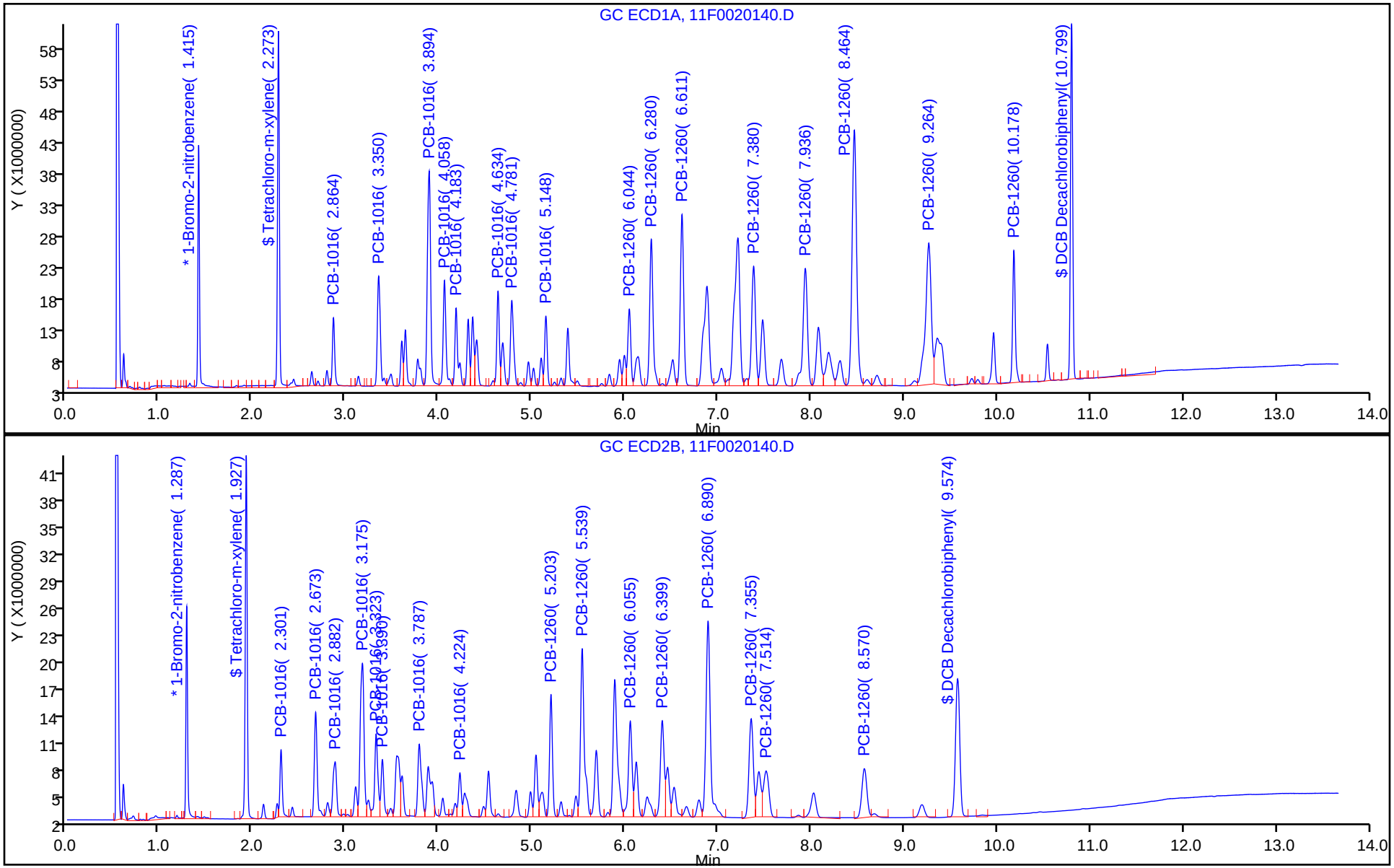
Injection Date: 20-Apr-2023 06:44:27 Instrument ID: CPESTGC11 Operator ID:

Lims ID: LCSD 460-904040/3-A Worklist Smp#: 8

Client ID:

Injection Vol: 1.0 ul Dil. Factor: 1.0000 ALS Bottle#: 8

Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD



4/26/2023 9:25 PM

FORM I
PCBS ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-904040/3-A

Matrix: Solid | Lab File ID: 11F0020140.D

Analysis Method: 8082A | Date Collected:

Extraction Method: 3546 | Date Extracted: 04/19/2023 16:49

Sample wt/vol: 15.00(g) | Date Analyzed: 04/20/2023 06:44

Con. Extract Vol.: 10(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: Rtx-CLP ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904129 | Units: mg/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
12674-11-2	Aroclor 1016	0.307		0.067	0.018
11096-82-5	Aroclor 1260	0.299		0.067	0.018
1336-36-3	Polychlorinated biphenyls, Total	0.606		0.067	0.018

CAS NO.	SURROGATE	%REC	Q	LIMITS
2051-24-3	DCB Decachlorobiphenyl	81		10-150
877-09-8	Tetrachloro-m-xylene	80		42-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020140.D
Lims ID: LCSD 460-904040/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 06:44:27 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159332-008
Operator ID: Instrument ID: CPESTGC11

Method: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\8082 ISTD.m
Limit Group: GC 8082A PCB ISTD
Last Update: 20-Apr-2023 07:09:46 Calib Date: 28-Nov-2022 18:23:45
Integrator: Falcon
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC11\20221128-153757.b\11F0016514A.D

Column 1 : Det: GC ECD1A
Column 2 : Det: GC ECD2B
Process Host: CTX1659

First Level Reviewer: ESS0 Date: 20-Apr-2023 07:09:46

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 13 1-Bromo-2-nitrobenzene							
1	1.415	1.417	-0.002	48657762	20.0	20.0	
2	1.287	1.287	0.000	29672542	20.0	20.0	
						RPD = 0.00	
$ 2 Tetrachloro-m-xylene							
1	2.273	2.276	-0.003	81704895	50.0	33.3	
2	1.927	1.927	0.000	59067527	50.0	40.2	
						RPD = 18.90	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 PCB-1016							M
1	2.864	2.868	-0.004	20395607	500.0	430.9	
1	3.350	3.354	-0.004	41001627	500.0	395.5	
1	3.894	3.897	-0.003	85470308	500.0	380.9	
1	4.058	4.062	-0.004	36692291	500.0	388.0	
1	4.183	4.187	-0.004	29121293	500.0	384.7	
1	4.634	4.638	-0.004	28783336	500.0	399.2	
1	4.781	4.785	-0.004	32800382	500.0	439.7	
1	5.148	5.153	-0.005	21800379	500.0	448.0	
		Average of Peak Amounts =				408.3	
2	2.301	2.301	0.000	13153515	500.0	459.3	
2	2.673	2.673	0.000	24815217	500.0	447.0	M
2	2.882	2.883	-0.001	16863675	500.0	465.8	M
2	3.175	3.176	-0.001	48437875	500.0	418.1	M
2	3.323	3.323	0.000	22139167	500.0	466.1	M
2	3.390	3.391	-0.001	13663776	500.0	465.1	M
2	3.787	3.787	0.000	22176176	500.0	459.5	M
2	4.224	4.223	0.001	10397516	500.0	502.0	M
		Average of Peak Amounts =				460.4	
						RPD = 11.98	
8 PCB-1260							
1	6.044	6.049	-0.005	27838613	500.0	422.7	
1	6.280	6.287	-0.007	59796981	500.0	403.9	
1	6.611	6.617	-0.006	70004558	500.0	413.7	
1	7.380	7.388	-0.008	56461700	500.0	414.8	
1	7.936	7.945	-0.009	64700324	500.0	408.8	
1	8.464	8.469	-0.005	141443520	500.0	412.8	
1	9.264	9.270	-0.006	99850478	500.0	417.2	
1	10.178	10.182	-0.004	42089416	500.0	417.5	
		Average of Peak Amounts =				413.9	
2	5.203	5.203	0.000	29173818	500.0	394.2	
2	5.539	5.538	0.001	53137543	500.0	466.9	
2	6.055	6.055	0.000	29736273	500.0	454.2	
2	6.399	6.399	0.000	30652026	500.0	457.4	
2	6.890	6.891	-0.001	71459304	500.0	448.8	
2	7.355	7.356	-0.001	35560258	500.0	460.8	
2	7.514	7.514	0.000	20907327	500.0	446.3	
2	8.570	8.571	-0.001	20858133	500.0	462.6	
		Average of Peak Amounts =				448.9	
						RPD = 8.11	
$ 11 DCB Decachlorobiphenyl							
1	10.799	10.798	0.001	96742491	50.0	35.9	
2	9.574	9.574	0.000	49550239	50.0	40.6	
						RPD = 12.22	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

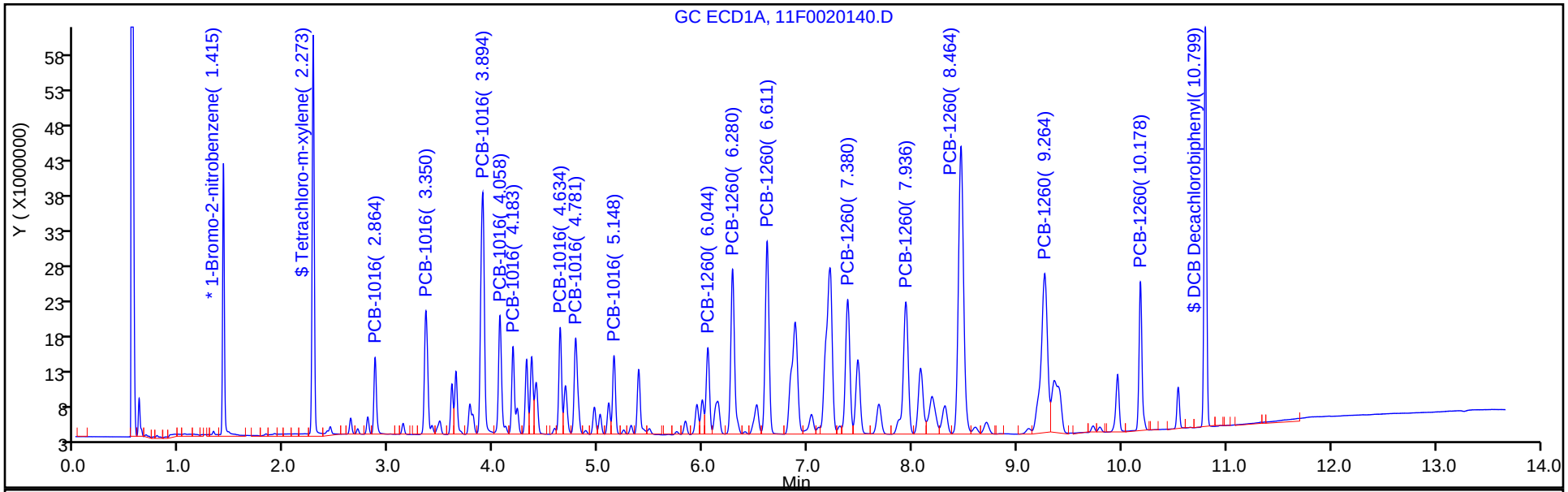
SGPCBISTD_00027 Amount Added: 20.00 Units: uL Run Reagent

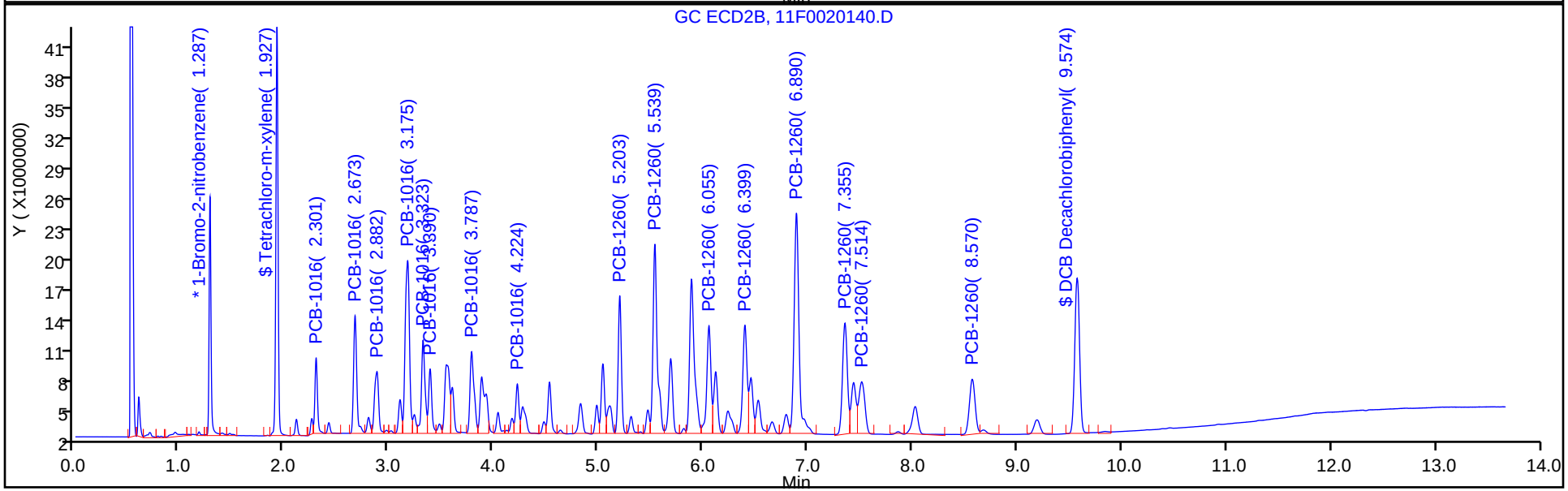
Report Date: 20-Apr-2023 07:36:00 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020140.D

Injection Date:	20-Apr-2023 06:44:27	Instrument ID:	CPESTGC11	Operator ID:	
Lims ID:	LCSD 460-904040/3-A			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8082 ISTD	Limit Group:	GC 8082A PCB ISTD		





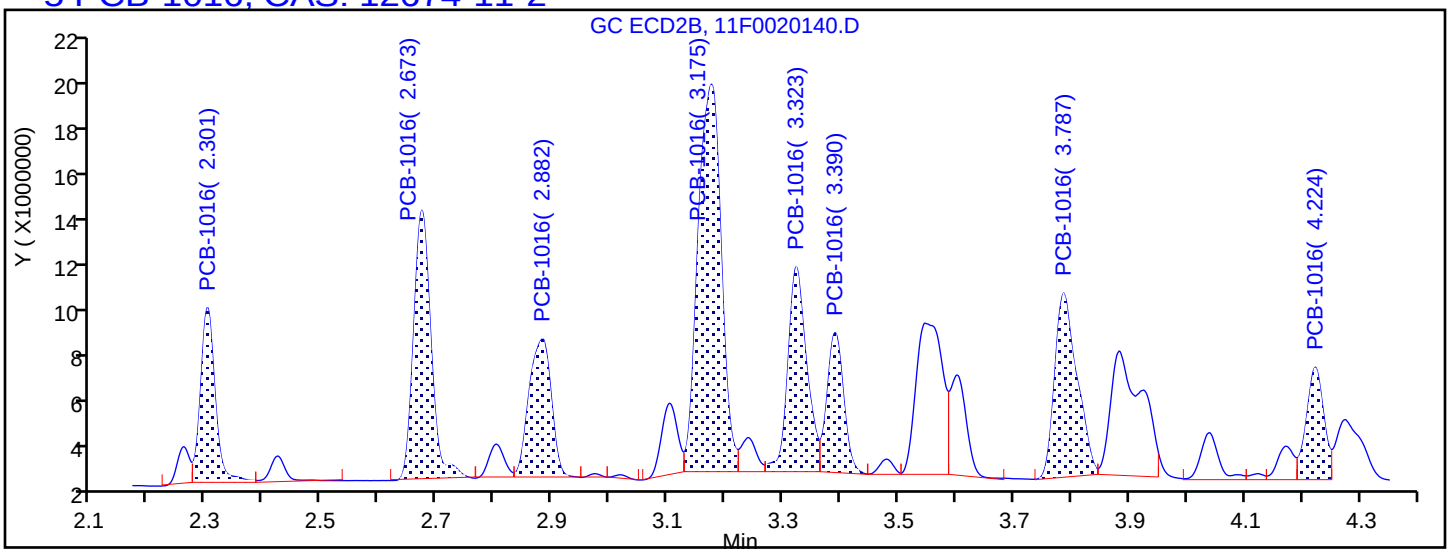
4/26/2023 9:25 PM

Report Date: 20-Apr-2023 07:36:01 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

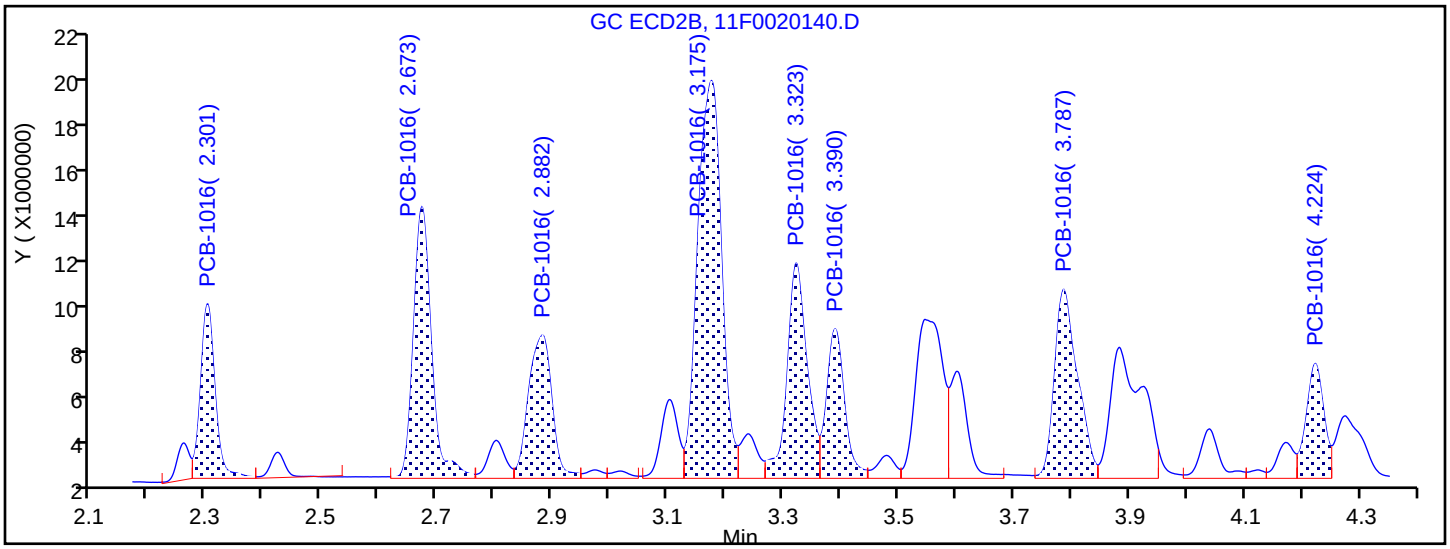
Data File: \\chromfs\Edison\ChromData\CPESTGC11\20230420-159332.b\11F0020140.D
Injection Date: 20-Apr-2023 06:44:27 Instrument ID: CPESTGC11
Lims ID: LCSD 460-904040/3-A
Client ID:
Operator ID: ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8082 ISTD Limit Group: GC 8082A PCB ISTD
Column: Detector GC ECD2B

5 PCB-1016, CAS: 12674-11-2



Processing Integration Results

2.301	Response = 13153515
2.673	Response = 24198051
2.882	Response = 15568483
3.175	Response = 46372444
3.323	Response = 20034613
3.390	Response = 11994052
3.787	Response = 21025236
4.224	Response = 10125367



Manual Integration Results

2.301	Response = 13153515	
2.673	Response = 24815217	M
2.882	Response = 16863675	M
3.175	Response = 48437875	M
3.323	Response = 22139167	M
3.390	Response = 13663776	M

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 11/28/2022 13:55

Analysis Batch Number: 880106 End Date: 11/28/2022 18:23

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-880106/1		11/28/2022 13:55	1		CLP-2 0.53(mm)
PIBLK 460-880106/1		11/28/2022 13:55	1		Rtx-CLP 0.53(mm)
IC 460-880106/3		11/28/2022 14:29	1	11F0016500.D	CLP-2 0.53(mm)
IC 460-880106/3		11/28/2022 14:29	1	11F0016500.D	Rtx-CLP 0.53(mm)
IC 460-880106/6		11/28/2022 15:19	1	11F0016503.D	CLP-2 0.53(mm)
IC 460-880106/6		11/28/2022 15:19	1	11F0016503.D	Rtx-CLP 0.53(mm)
IC 460-880106/7 ICIS		11/28/2022 15:36	1	11F0016504.D	CLP-2 0.53(mm)
IC 460-880106/7 ICIS		11/28/2022 15:36	1	11F0016504.D	Rtx-CLP 0.53(mm)
IC 460-880106/8		11/28/2022 15:53	1	11F0016505.D	CLP-2 0.53(mm)
IC 460-880106/8		11/28/2022 15:53	1	11F0016505.D	Rtx-CLP 0.53(mm)
IC 460-880106/9		11/28/2022 16:09	1	11F0016506.D	CLP-2 0.53(mm)
IC 460-880106/9		11/28/2022 16:09	1	11F0016506.D	Rtx-CLP 0.53(mm)
ICV 460-880106/10		11/28/2022 16:26	1	11F0016507.D	CLP-2 0.53(mm)
ICV 460-880106/10		11/28/2022 16:26	1	11F0016507.D	Rtx-CLP 0.53(mm)
IC 460-880106/11		11/28/2022 16:43	1	11F0016508.D	CLP-2 0.53(mm)
IC 460-880106/11		11/28/2022 16:43	1	11F0016508.D	Rtx-CLP 0.53(mm)
IC 460-880106/12		11/28/2022 17:00	1	11F0016509.D	CLP-2 0.53(mm)
IC 460-880106/12		11/28/2022 17:00	1	11F0016509.D	Rtx-CLP 0.53(mm)
IC 460-880106/13		11/28/2022 17:16	1	11F0016510.D	CLP-2 0.53(mm)
IC 460-880106/13		11/28/2022 17:16	1	11F0016510.D	Rtx-CLP 0.53(mm)
IC 460-880106/14		11/28/2022 17:33	1	11F0016511.D	CLP-2 0.53(mm)
IC 460-880106/14		11/28/2022 17:33	1	11F0016511.D	Rtx-CLP 0.53(mm)
IC 460-880106/15		11/28/2022 17:50	1	11F0016512.D	CLP-2 0.53(mm)
IC 460-880106/15		11/28/2022 17:50	1	11F0016512.D	Rtx-CLP 0.53(mm)
IC 460-880106/16		11/28/2022 18:07	1	11F0016513.D	CLP-2 0.53(mm)
IC 460-880106/16		11/28/2022 18:07	1	11F0016513.D	Rtx-CLP 0.53(mm)
IC 460-880106/17		11/28/2022 18:23	1	11F0016514A.D	CLP-2 0.53(mm)
IC 460-880106/17		11/28/2022 18:23	1	11F0016514A.D	Rtx-CLP 0.53(mm)

PCBS ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC11 Start Date: 04/20/2023 04:47

Analysis Batch Number: 904129 End Date: 04/20/2023 11:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
PIBLK 460-904129/1		04/20/2023 04:47	1	11F0020133.D	CLP-2 0.53(mm)
PIBLK 460-904129/1		04/20/2023 04:47	1	11F0020133.D	Rtx-CLP 0.53(mm)
CCVIS 460-904129/2		04/20/2023 05:04	1	11F0020134.D	CLP-2 0.53(mm)
CCVIS 460-904129/2		04/20/2023 05:04	1	11F0020134.D	Rtx-CLP 0.53(mm)
MB 460-904040/1-A		04/20/2023 06:11	1	11F0020138.D	CLP-2 0.53(mm)
MB 460-904040/1-A		04/20/2023 06:11	1	11F0020138.D	Rtx-CLP 0.53(mm)
LCS 460-904040/2-A		04/20/2023 06:27	1	11F0020139.D	CLP-2 0.53(mm)
LCS 460-904040/2-A		04/20/2023 06:27	1	11F0020139.D	Rtx-CLP 0.53(mm)
LCSD 460-904040/3-A		04/20/2023 06:44	1	11F0020140.D	CLP-2 0.53(mm)
LCSD 460-904040/3-A		04/20/2023 06:44	1	11F0020140.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 07:58	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:58	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 08:15	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 08:15	1		Rtx-CLP 0.53(mm)
CCV 460-904129/12		04/20/2023 08:49	1		CLP-2 0.53(mm)
CCV 460-904129/12		04/20/2023 08:49	1		Rtx-CLP 0.53(mm)
460-278409-1	WC-A-E-1(0-3)	04/20/2023 09:12	1	11F0020145.D	CLP-2 0.53(mm)
460-278409-1	WC-A-E-1(0-3)	04/20/2023 09:12	1	11F0020145.D	Rtx-CLP 0.53(mm)
460-278409-7	WC-A-E-2(0-3)	04/20/2023 09:29	1	11F0020146.D	CLP-2 0.53(mm)
460-278409-7	WC-A-E-2(0-3)	04/20/2023 09:29	1	11F0020146.D	Rtx-CLP 0.53(mm)
460-278409-13	WC-A-E-3(0-3)	04/20/2023 09:46	1	11F0020147.D	CLP-2 0.53(mm)
460-278409-13	WC-A-E-3(0-3)	04/20/2023 09:46	1	11F0020147.D	Rtx-CLP 0.53(mm)
460-278409-19	WC-A-E-4(0-3)	04/20/2023 10:02	1	11F0020148.D	CLP-2 0.53(mm)
460-278409-19	WC-A-E-4(0-3)	04/20/2023 10:02	1	11F0020148.D	Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 10:19	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:19	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 10:36	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:36	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 10:53	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:53	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:09	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:09	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:26	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:26	1		Rtx-CLP 0.53(mm)
ZZZZZ		04/20/2023 11:43	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 11:43	1		Rtx-CLP 0.53(mm)

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 880106 Batch Start Date: 11/28/22 13:55 Batch Analyst: Patel, Jignesh

Batch Method: 8082A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SG1221L4 00033	SG1232L4 00035	SG1242L4 00034	SG1248L4 00034	SG1254L4 00034
IC 460-880106/3		8082A		1 mL					
IC 460-880106/6		8082A		1 mL					
IC 460-880106/7 ICIS		8082A		1 mL					
IC 460-880106/8		8082A		1 mL					
IC 460-880106/9		8082A		1 mL					
ICV 460-880106/10		8082A		1 mL					
IC 460-880106/11		8082A		1 mL	1 mL				
IC 460-880106/12		8082A		1 mL		1 mL			
IC 460-880106/13		8082A		1 mL			1 mL		
IC 460-880106/14		8082A		1 mL				1 mL	
IC 460-880106/15		8082A		1 mL					1 mL
IC 460-880106/16		8082A		1 mL					
IC 460-880106/17		8082A		1 mL					

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1262L4 00034	SG1268L4 00034	SG1660L1 00026	SG1660L2 00035	SG1660L3 00042	SG1660L4 00034
IC 460-880106/3		8082A					1 mL		
IC 460-880106/6		8082A							
IC 460-880106/7 ICIS		8082A						1 mL	
IC 460-880106/8		8082A				1 mL			
IC 460-880106/9		8082A							1 mL
ICV 460-880106/10		8082A							
IC 460-880106/11		8082A							
IC 460-880106/12		8082A							
IC 460-880106/13		8082A							

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 880106 Batch Start Date: 11/28/22 13:55 Batch Analyst: Patel, Jignesh

Batch Method: 8082A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1262L4 00034	SG1268L4 00034	SG1660L1 00026	SG1660L2 00035	SG1660L3 00042	SG1660L4 00034
IC 460-880106/14		8082A							
IC 460-880106/15		8082A							
IC 460-880106/16		8082A		1 mL					
IC 460-880106/17		8082A			1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SG1660L5 00034	SGPCBICV 00031	SGPCBISTD 00027			
IC 460-880106/3		8082A				20 uL			
IC 460-880106/6		8082A		1 mL		20 uL			
IC 460-880106/7 ICIS		8082A				20 uL			
IC 460-880106/8		8082A				20 uL			
IC 460-880106/9		8082A				20 uL			
ICV 460-880106/10		8082A			1 mL	20 uL			
IC 460-880106/11		8082A				20 uL			
IC 460-880106/12		8082A				20 uL			
IC 460-880106/13		8082A				20 uL			
IC 460-880106/14		8082A				20 uL			
IC 460-880106/15		8082A				20 uL			
IC 460-880106/16		8082A				20 uL			
IC 460-880106/17		8082A				20 uL			

Batch Notes	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 880106 Batch Start Date: 11/28/22 13:55 Batch Analyst: Patel, Jignesh

Batch Method: 8082A Batch End Date:

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

PCBS BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904040 Batch Start Date: 04/19/23 16:49 Batch Analyst: Alinea, Archilles R

Batch Method: 3546 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	OP_PCBSP 00039	OPPSTPCBSURR 00024		
MB 460-904040/1		3546, 8082A		15.00 g	10 mL		50 uL		
LCS 460-904040/2		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
LCSD 460-904040/3		3546, 8082A		15.00 g	10 mL	50 uL	50 uL		
460-278409-F-1	WC-A-E-1(0-3)	3546, 8082A	T	15.07 g	10 mL		50 uL		
460-278409-H-7	WC-A-E-2(0-3)	3546, 8082A	T	15.08 g	10 mL		50 uL		
460-278409-H-13	WC-A-E-3(0-3)	3546, 8082A	T	15.01 g	10 mL		50 uL		
460-278409-H-19	WC-A-E-4(0-3)	3546, 8082A	T	15.06 g	10 mL		50 uL		

Batch Notes	
Method/Fraction	8082
Microwave Oven ID	MD 1954/5095/4965
Analyst ID - Extraction	ARCHIE
Blank Matrix ID	181427
Analyst ID - Spike Analyst	ARCHIE
Analyst ID - Spike Witness Analyst	JOSE
Prep Solvent ID	ACETONE 1263003/ HEXANE 1062011
Batch Comment	PCB/SOIL

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Method 8151A

Herbicides (GC) by Method 8151A

FORM II
HERBICIDES SURROGATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid (TCLP) Level: Low

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): DB-5 ID: 0.53(mm)

Client Sample ID	Lab Sample ID	DCPAA1 #	DCPAA2 #
WC-A-E-1(0-3)	460-278409-1	13	13
WC-A-E-2(0-3)	460-278409-7	11	11
WC-A-E-3(0-3)	460-278409-13	14	14
WC-A-E-4(0-3)	460-278409-19	15	15
	MB 460-903984/1-A	10	10
	LB 460-904045/1-D	82	77
	LCS 460-903984/2-A	69	65
	LCSD 460-903984/3-A	76	71

	QC LIMITS
DCPAA = 2,4-Dichlorophenylacetic acid	10-150

Column to be used to flag recovery values

FORM II 8151A

FORM III
HERBICIDES LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 15F0200580.D

Lab ID: LCS 460-903984/2-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCS CONCENTRATION (mg/L)	LCS % REC	QC LIMITS REC	#
2,4-D	0.133	0.108	81	51-150	
2,4-D	0.133	0.114	86	51-150	
Silvex (2,4,5-TP)	0.0333	0.083 U	75	50-150	
Silvex (2,4,5-TP)	0.0333	0.083 U	74	50-150	

Column to be used to flag recovery and RPD values

FORM III 8151A

FORM III
HERBICIDES LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water Level: Low Lab File ID: 15F0200581.D

Lab ID: LCSD 460-903984/3-A Client ID:

COMPOUND	SPIKE ADDED (mg/L)	LCSD CONCENTRATION (mg/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
2,4-D	0.133	0.120	90	10	30	51-150	
2,4-D	0.133	0.129	97	12	30	51-150	
Silvex (2,4,5-TP)	0.0333	0.083 U	83	10	30	50-150	
Silvex (2,4,5-TP)	0.0333	0.083 U	81	10	30	50-150	

Column to be used to flag recovery and RPD values

FORM III 8151A

FORM IV
HERBICIDES METHOD BLANK SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: MB 460-903984/1-A

Matrix: Water Date Extracted: 04/19/2023 10:47

Lab File ID:(1) 15F0200579.D Lab File ID:(2) 15F0200579.D

Date Analyzed:(1) 04/20/2023 06:55 Date Analyzed:(2) 04/20/2023 06:55

Instrument ID:(1) CPESTGC15 Instrument ID:(2) CPESTGC15

GC Column:(1) CLP-2 ID: 0.53(mm) GC Column:(2) DB-5 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	DATE ANALYZED 1	DATE ANALYZED 2
	LCS 460-903984/2-A	04/20/2023 07:09	04/20/2023 07:09
	LCSD 460-903984/3-A	04/20/2023 07:22	04/20/2023 07:22
WC-A-E-1(0-3)	460-278409-1	04/21/2023 07:48	04/21/2023 07:48
WC-A-E-2(0-3)	460-278409-7	04/21/2023 08:02	04/21/2023 08:02
WC-A-E-3(0-3)	460-278409-13	04/21/2023 08:16	04/21/2023 08:16
WC-A-E-4(0-3)	460-278409-19	04/21/2023 08:29	04/21/2023 08:29
	LB 460-904045/1-D	04/21/2023 08:56	04/21/2023 08:56

FORM VIII
HERBICIDES ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-880013/5 Date Analyzed: 11/28/2022 12:14

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm)

Lab File ID (Standard): 15F0017527.D Heated Purge: (Y/N) N

Calibration ID: 91682

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPAA		
				RT #		
INITIAL CALIBRATION SURROGATE				2.12		
UPPER LIMIT				2.22		
LOWER LIMIT				2.02		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
IC 460-880013/5 ICRT		11/28/2022 12:14	15F0017527.D	2.12		
ICV 460-880013/8		11/28/2022 13:37	15F0017530.D	2.11		

DCPAA = 2,4-Dichlorophenylacetic acid

DCPAA RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
HERBICIDES ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: IC 460-880013/5 Date Analyzed: 11/28/2022 12:14

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 15F0017527.D Heated Purge: (Y/N) N

Calibration ID: 91683

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPAA		
				RT #		
INITIAL CALIBRATION SURROGATE				1.78		
UPPER LIMIT				1.88		
LOWER LIMIT				1.68		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
IC 460-880013/5 ICRT		11/28/2022 12:14	15F0017527.D	1.78		
ICV 460-880013/8		11/28/2022 13:37	15F0017530.D	1.79		

DCPAA = 2,4-Dichlorophenylacetic acid

DCPAA RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
HERBICIDES ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVRT 460-903996/1 Date Analyzed: 04/20/2023 06:38

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm)

Lab File ID (Standard): 15F0200578.D Heated Purge: (Y/N) N

Calibration ID: 91682

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPAA		
				RT #		
CONTINUING CALIBRATION SURROGATE				2.05		
UPPER LIMIT				2.15		
LOWER LIMIT				1.95		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-903996/1		04/20/2023 06:38	15F0200578.D	2.05		
MB 460-903984/1-A		04/20/2023 06:55	15F0200579.D	2.06		
LCS 460-903984/2-A		04/20/2023 07:09	15F0200580.D	2.06		
LCSD 460-903984/3-A		04/20/2023 07:22	15F0200581.D	2.06		
CCV 460-903996/7		04/20/2023 08:03	15F0200584.D	2.06		

DCPAA = 2,4-Dichlorophenylacetic acid

DCPAA RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
HERBICIDES ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVRT 460-903996/1 Date Analyzed: 04/20/2023 06:38

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 15F0200578.D Heated Purge: (Y/N) N

Calibration ID: 91683

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPAA RT #		
CONTINUING CALIBRATION SURROGATE				1.75		
UPPER LIMIT				1.85		
LOWER LIMIT				1.65		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-903996/1		04/20/2023 06:38	15F0200578.D	1.75		
MB 460-903984/1-A		04/20/2023 06:55	15F0200579.D	1.75		
LCS 460-903984/2-A		04/20/2023 07:09	15F0200580.D	1.74		
LCSD 460-903984/3-A		04/20/2023 07:22	15F0200581.D	1.75		
CCV 460-903996/7		04/20/2023 08:03	15F0200584.D	1.75		

DCPAA = 2,4-Dichlorophenylacetic acid

DCPAA RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
HERBICIDES ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVRT 460-904381/1 Date Analyzed: 04/21/2023 06:45

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm)

Lab File ID (Standard): 15F0200601.D Heated Purge: (Y/N) N

Calibration ID: 91682

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPAA		
				RT #		
CONTINUING CALIBRATION SURROGATE				2.06		
UPPER LIMIT				2.16		
LOWER LIMIT				1.96		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-904381/1		04/21/2023 06:45	15F0200601.D	2.06		
460-278409-1	WC-A-E-1(0-3)	04/21/2023 07:48	15F0200605.D	2.06		
460-278409-7	WC-A-E-2(0-3)	04/21/2023 08:02	15F0200606.D	2.06		
460-278409-13	WC-A-E-3(0-3)	04/21/2023 08:16	15F0200607.D	2.06		
460-278409-19	WC-A-E-4(0-3)	04/21/2023 08:29	15F0200608.D	2.06		
LB 460-904045/1-D		04/21/2023 08:56	15F0200610.D	2.06		
CCV 460-904381/11		04/21/2023 09:10	15F0200611.D	2.06		

DCPAA = 2,4-Dichlorophenylacetic acid

DCPAA RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM VIII
HERBICIDES ANALYTICAL SEQUENCE

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Sample No.: CCVRT 460-904381/1 Date Analyzed: 04/21/2023 06:45

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm)

Lab File ID (Standard): 15F0200601.D Heated Purge: (Y/N) N

Calibration ID: 91683

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs AND LCSs IS GIVEN BELOW:

				DCPAA		
				RT #		
CONTINUING CALIBRATION SURROGATE				1.75		
UPPER LIMIT				1.85		
LOWER LIMIT				1.65		
LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	LAB FILE ID			
CCVRT 460-904381/1		04/21/2023 06:45	15F0200601.D	1.75		
460-278409-1	WC-A-E-1(0-3)	04/21/2023 07:48	15F0200605.D	1.75		
460-278409-7	WC-A-E-2(0-3)	04/21/2023 08:02	15F0200606.D	1.75		
460-278409-13	WC-A-E-3(0-3)	04/21/2023 08:16	15F0200607.D	1.74		
460-278409-19	WC-A-E-4(0-3)	04/21/2023 08:29	15F0200608.D	1.74		
LB 460-904045/1-D		04/21/2023 08:56	15F0200610.D	1.75		
CCV 460-904381/11		04/21/2023 09:10	15F0200611.D	1.74		

DCPAA = 2,4-Dichlorophenylacetic acid

DCPAA RT Limit = ± 0.1 minutes of surrogate RT

Column used to flag values outside QC limits

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCS 460-903984/2-A

Instrument ID (1): CPESTGC15 Instrument ID (2): CPESTGC15

Date Analyzed (1): 04/20/2023 07:09 Date Analyzed (2): 04/20/2023 07:09

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): DB-5 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		2.43	2.37	2.51	0.114		5.4
	2		2.88	2.80	2.94	0.108		

FORM X
IDENTIFICATION SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LCSD 460-903984/3-A

Instrument ID (1): CPESTGC15 Instrument ID (2): CPESTGC15

Date Analyzed (1): 04/20/2023 07:22 Date Analyzed (2): 04/20/2023 07:22

GC Column (1): CLP-2 ID: 0.53(mm) GC Column (2): DB-5 ID: 0.53(mm)

ANALYTE	COL	PEAK	RT	RT WINDOW		CONCENTRATION		RPD
				FROM	TO	PEAK	MEAN	
2,4-D	1		2.43	2.37	2.51	0.129		6.7
	2		2.88	2.80	2.94	0.120		

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) Lab Sample ID: 460-278409-1

Matrix: Solid (TCLP) Lab File ID: 15F0200605.D

Analysis Method: 8151A Date Collected: 04/17/2023 13:40

Extraction Method: 8151A Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) Date Analyzed: 04/21/2023 07:48

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	13		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D				
Lims ID:	460-278409-M-1-F				
Client ID:	WC-A-E-1(0-3)				
Sample Type:	Client				
Inject. Date:	21-Apr-2023 07:48:53	ALS Bottle#:	5	Worklist Smp#:	5
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0159396-005				
Operator ID:		Instrument ID:	CPESTGC15		
Method:	\\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m				
Limit Group:	SV GC 8151 HERBS ICAL				
Last Update:	21-Apr-2023 09:27:06	Calib Date:	28-Nov-2022 12:42:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D				
Column 1 :	DB-5 (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1670				

First Level Reviewer: SE1K Date: 21-Apr-2023 08:21:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	50838931	134.1	
2	1.745	1.750	-0.005	43919003	132.0	
					RPD = 1.59	

QC Flag Legend

Processing Flags

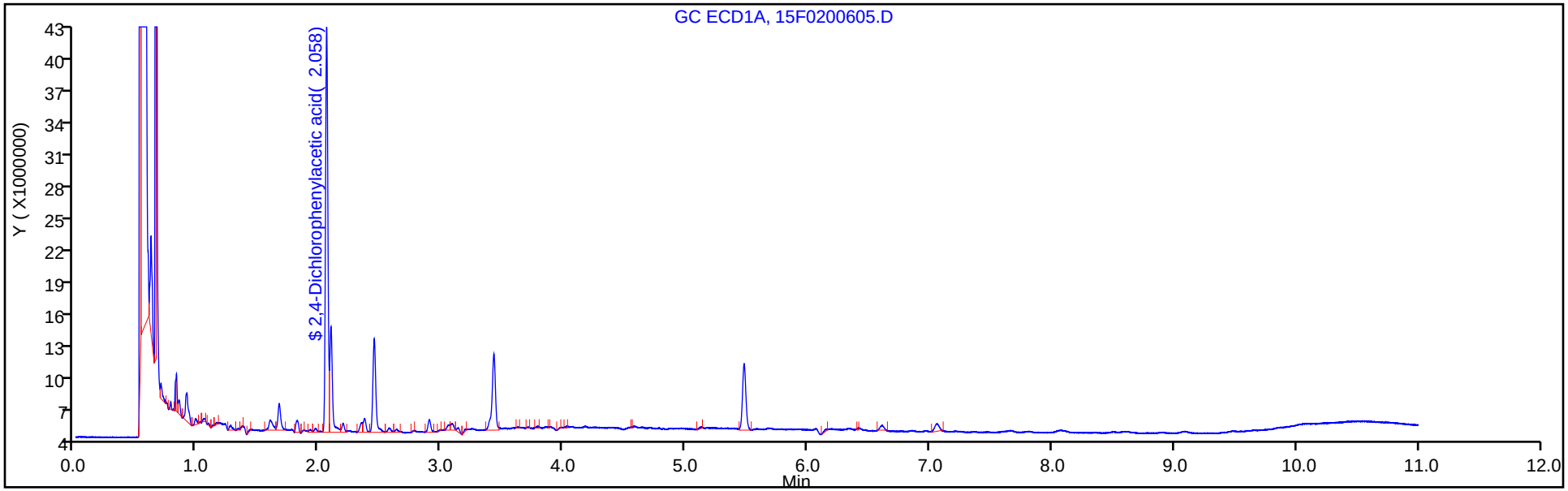
Report Date: 21-Apr-2023 09:35:55 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

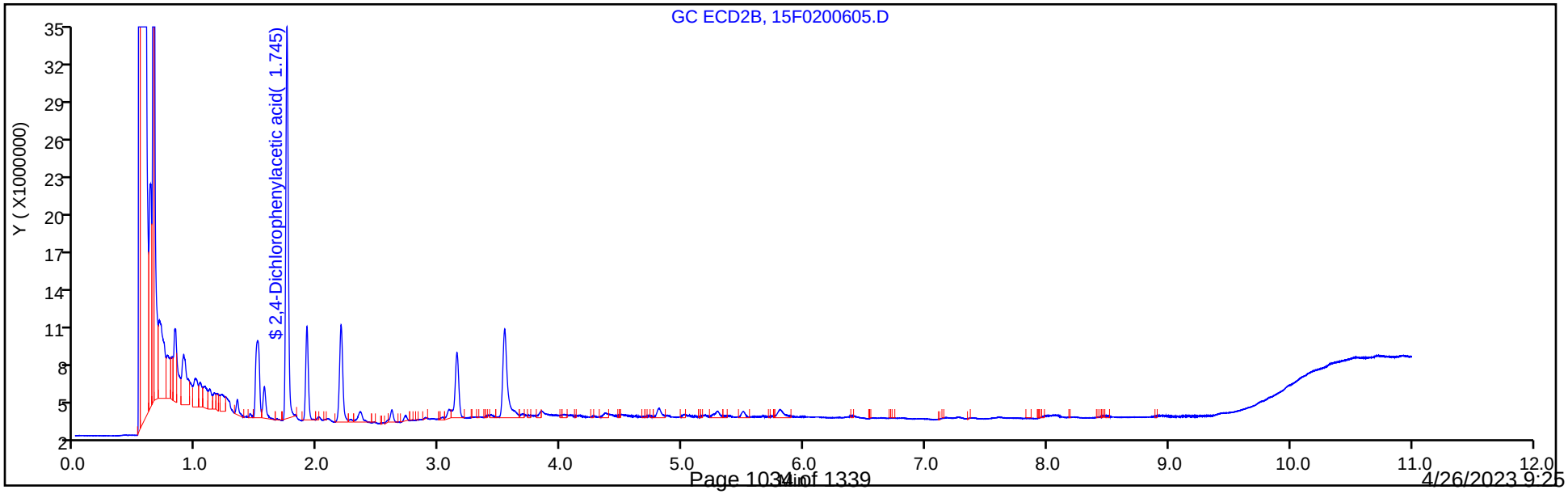
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D

Injection Date:	21-Apr-2023 07:48:53	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-1-F	Lab Sample ID:	460-278409-1	Worklist Smp#:	5
Client ID:	WC-A-E-1(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D

Injection Date: 21-Apr-2023 07:48:53 Instrument ID: CPESTGC15

Lims ID: 460-278409-M-1-F Lab Sample ID: 460-278409-1

Client ID: WC-A-E-1(0-3)

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

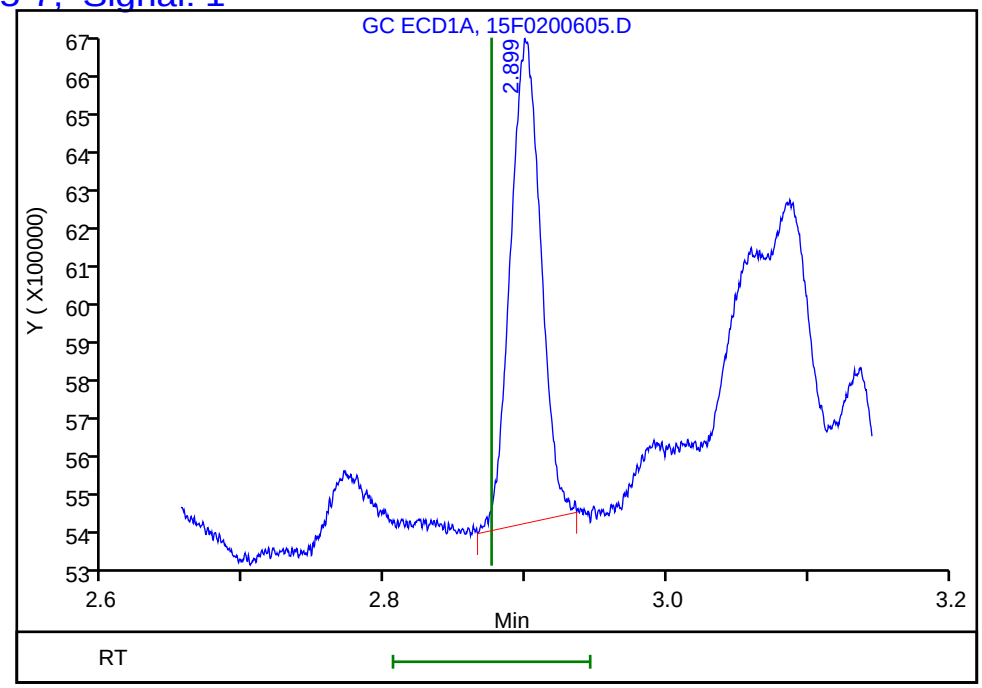
Column: DB-5 (0.53 mm) Detector GC ECD1A

8 2,4-D, CAS: 94-75-7, Signal: 1

RT: 2.90

Response: 1723280

Amount: 3.818528



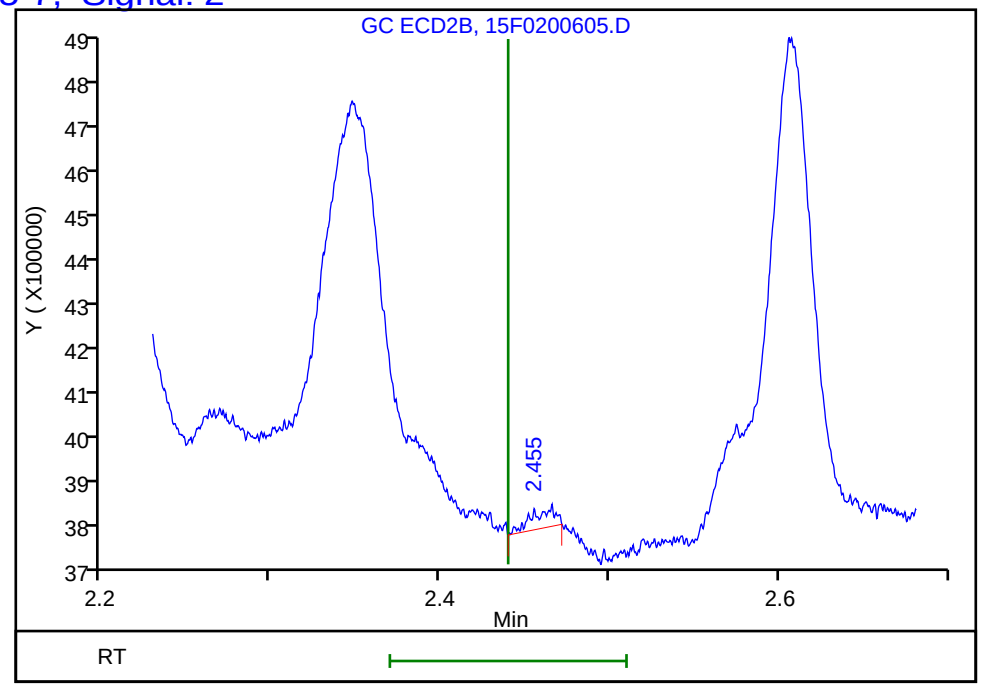
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 2,4-D, CAS: 94-75-7, Signal: 2

RT: 2.46

Response: 38643

Amount: 0.107112



Reviewer: SE1K, 21-Apr-2023 08:21:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

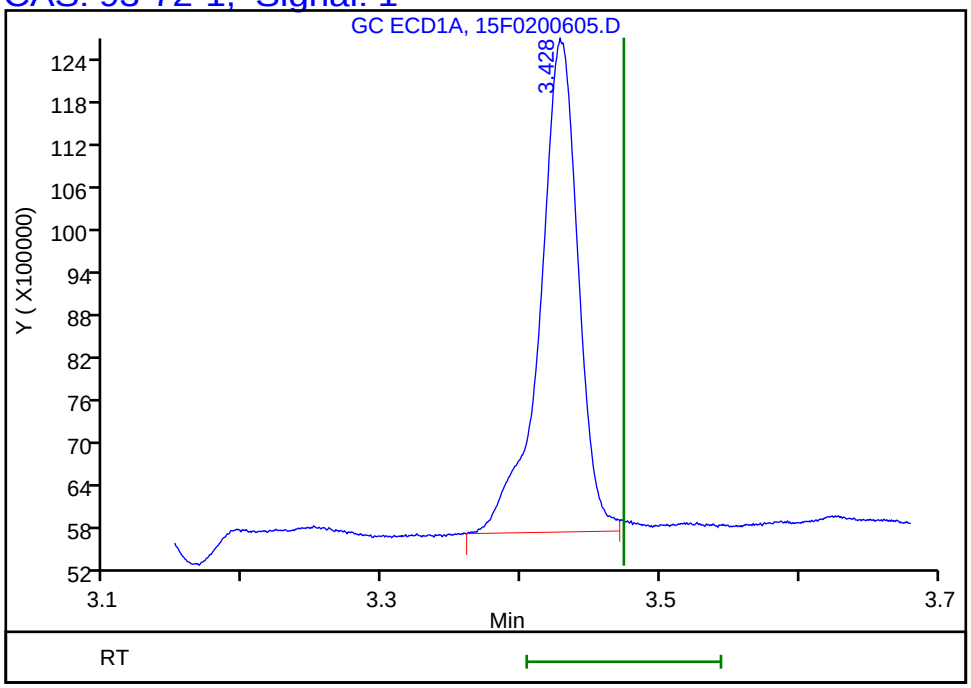
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D
Injection Date: 21-Apr-2023 07:48:53 Instrument ID: CPESTGC15
Lims ID: 460-278409-M-1-F Lab Sample ID: 460-278409-1
Client ID: WC-A-E-1(0-3)
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

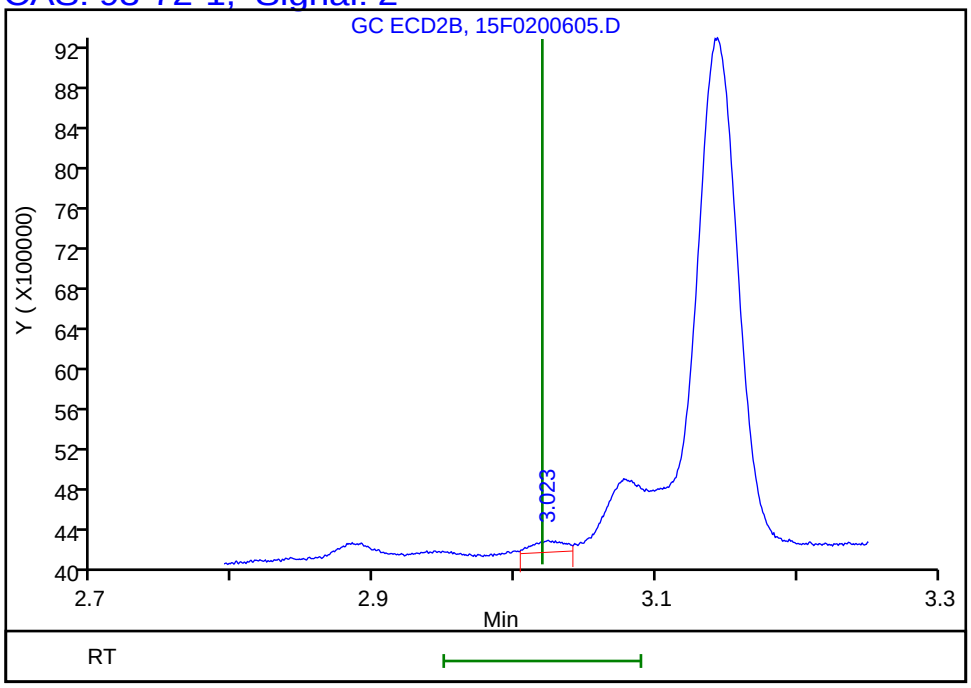
RT: 3.43
Response: 13385300
Amount: 6.678839



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02
Response: 201899
Amount: 0.115797



Reviewer: SE1K, 21-Apr-2023 08:21:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-1(0-3) | Lab Sample ID: 460-278409-1

Matrix: Solid (TCLP) | Lab File ID: 15F0200605.D

Analysis Method: 8151A | Date Collected: 04/17/2023 13:40

Extraction Method: 8151A | Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) | Date Analyzed: 04/21/2023 07:48

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.083	U	0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	13		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D
Lims ID: 460-278409-M-1-F
Client ID: WC-A-E-1(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 07:48:53 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-005
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:27:06 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 08:21:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	50838931	134.1	
2	1.745	1.750	-0.005	43919003	132.0	
					RPD = 1.59	

QC Flag Legend

Processing Flags

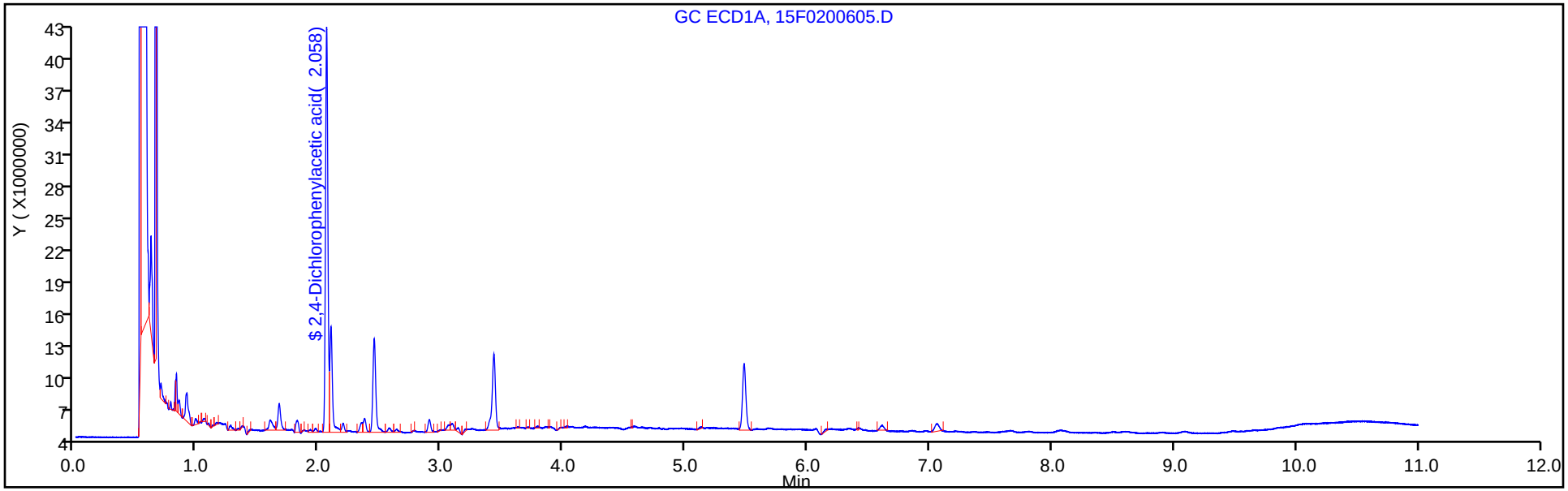
Report Date: 21-Apr-2023 09:35:56 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

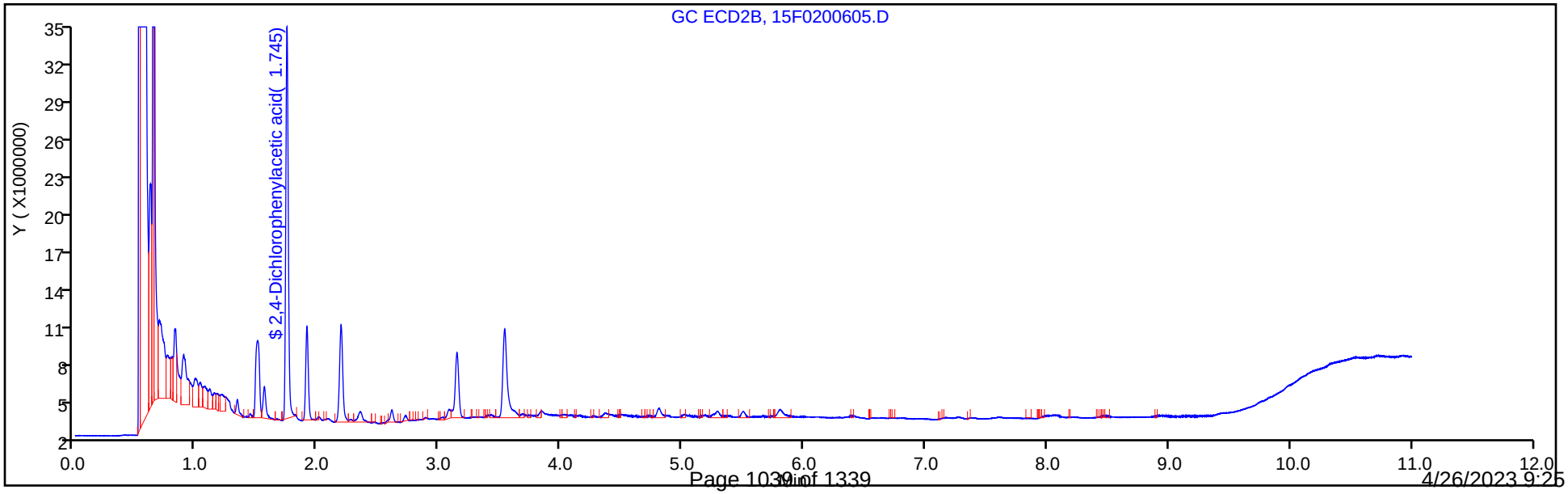
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D

Injection Date:	21-Apr-2023 07:48:53	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-1-F	Lab Sample ID:	460-278409-1	Worklist Smp#:	5
Client ID:	WC-A-E-1(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

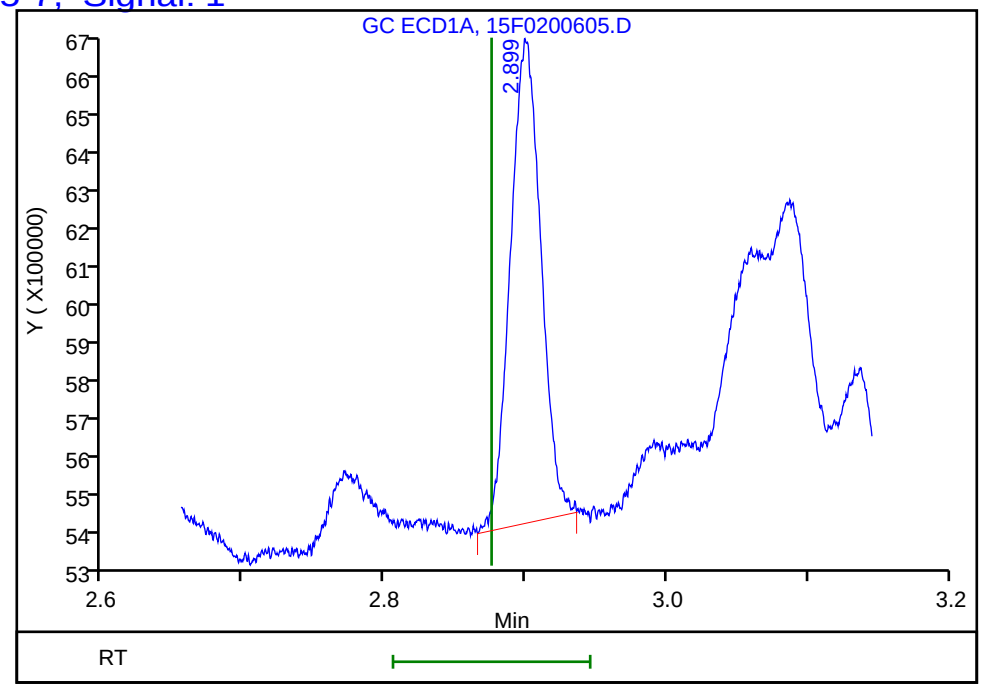
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D
Injection Date: 21-Apr-2023 07:48:53 Instrument ID: CPESTGC15
Lims ID: 460-278409-M-1-F Lab Sample ID: 460-278409-1
Client ID: WC-A-E-1(0-3)
Operator ID: ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

8 2,4-D, CAS: 94-75-7, Signal: 1

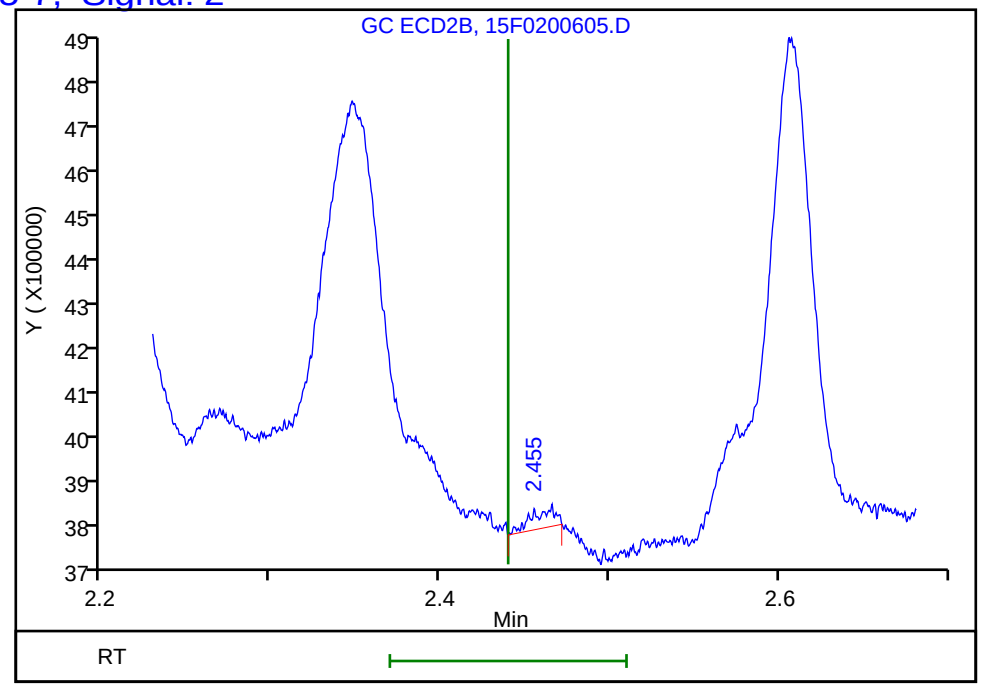
RT: 2.90
Response: 1723280
Amount: 3.818528



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 2,4-D, CAS: 94-75-7, Signal: 2

RT: 2.46
Response: 38643
Amount: 0.107112



Reviewer: SE1K, 21-Apr-2023 08:21:40
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200605.D

Injection Date: 21-Apr-2023 07:48:53 Instrument ID: CPESTGC15

Lims ID: 460-278409-M-1-F Lab Sample ID: 460-278409-1

Client ID: WC-A-E-1(0-3)

Operator ID: ALS Bottle#: 5 Worklist Smp#: 5

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

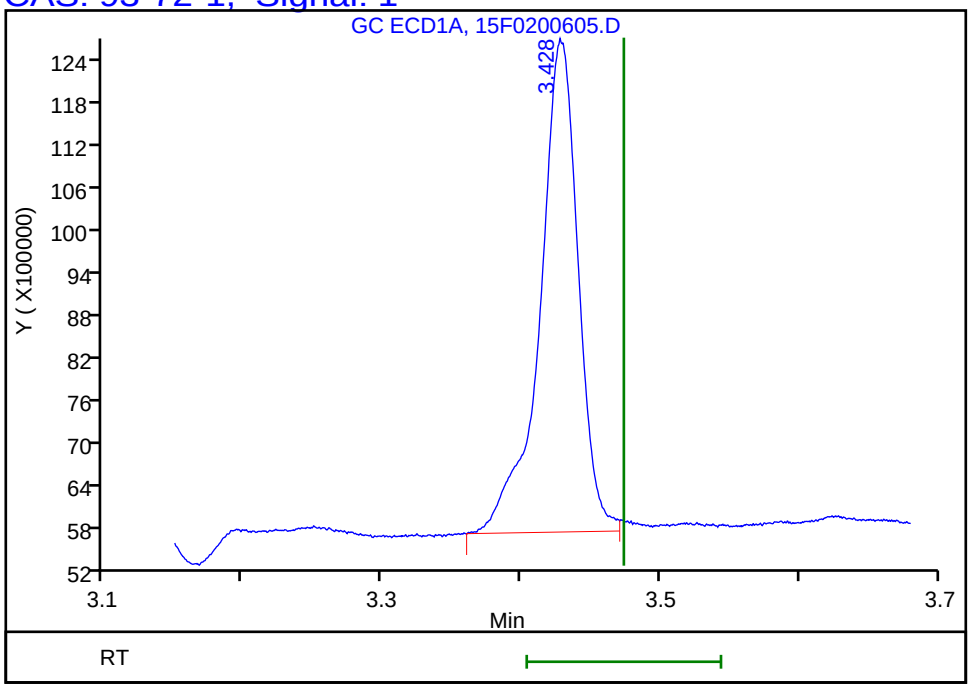
Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

RT: 3.43

Response: 13385300

Amount: 6.678839



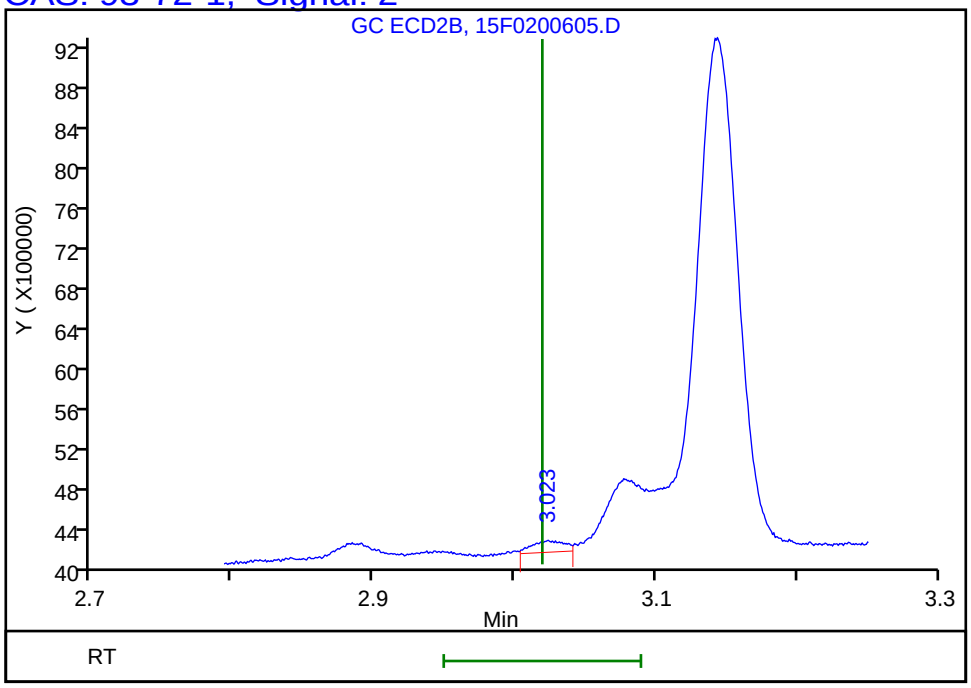
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02

Response: 201899

Amount: 0.115797



Reviewer: SE1K, 21-Apr-2023 08:21:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) Lab Sample ID: 460-278409-7

Matrix: Solid (TCLP) Lab File ID: 15F0200606.D

Analysis Method: 8151A Date Collected: 04/17/2023 11:00

Extraction Method: 8151A Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) Date Analyzed: 04/21/2023 08:02

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	11		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File:	\\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200606.D				
Lims ID:	460-278409-M-7-F				
Client ID:	WC-A-E-2(0-3)				
Sample Type:	Client				
Inject. Date:	21-Apr-2023 08:02:27	ALS Bottle#:	6	Worklist Smp#:	6
Injection Vol:	1.0 ul	Dil. Factor:	1.0000		
Sample Info:	460-0159396-006				
Operator ID:		Instrument ID:	CPESTGC15		
Method:	\\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m				
Limit Group:	SV GC 8151 HERBS ICAL				
Last Update:	21-Apr-2023 09:27:06	Calib Date:	28-Nov-2022 12:42:00		
Integrator:	Falcon				
Quant Method:	External Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D				
Column 1 :	DB-5 (0.53 mm)		Det: GC ECD1A		
Column 2 :	Rtx-CLP Pest 2 (0.53 mm)		Det: GC ECD2B		
Process Host:	CTX1670				

First Level Reviewer: SE1K Date: 21-Apr-2023 08:27:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	43595115	115.0	
2	1.745	1.750	-0.005	37692433	113.3	
					RPD = 1.51	

QC Flag Legend

Processing Flags

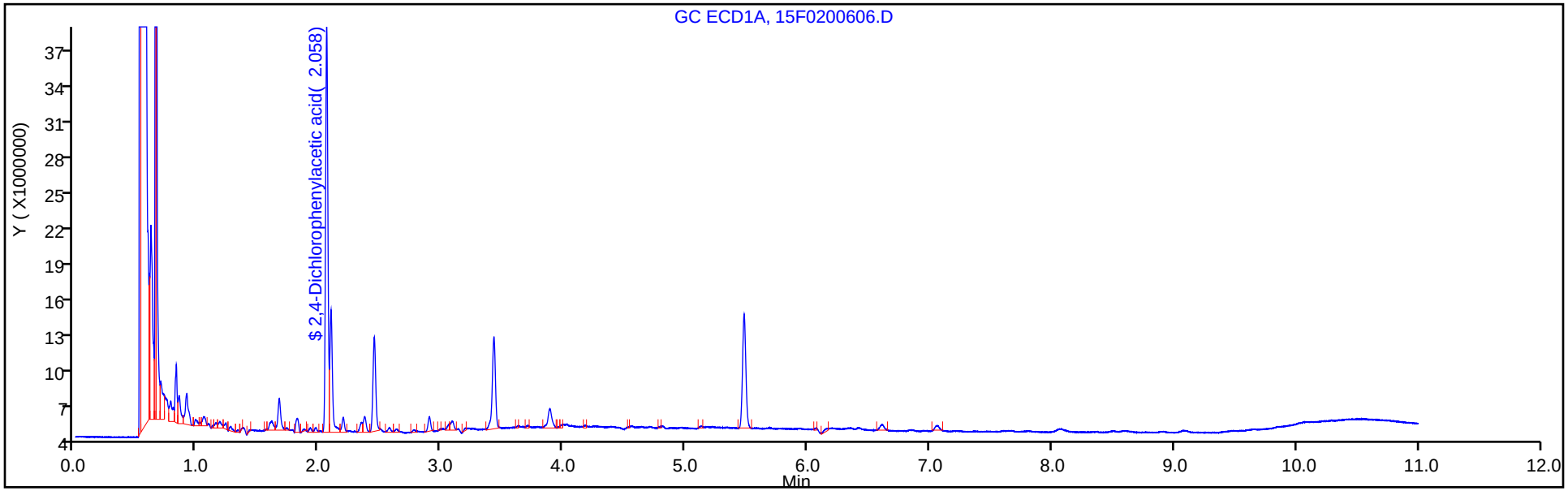
Report Date: 21-Apr-2023 09:35:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

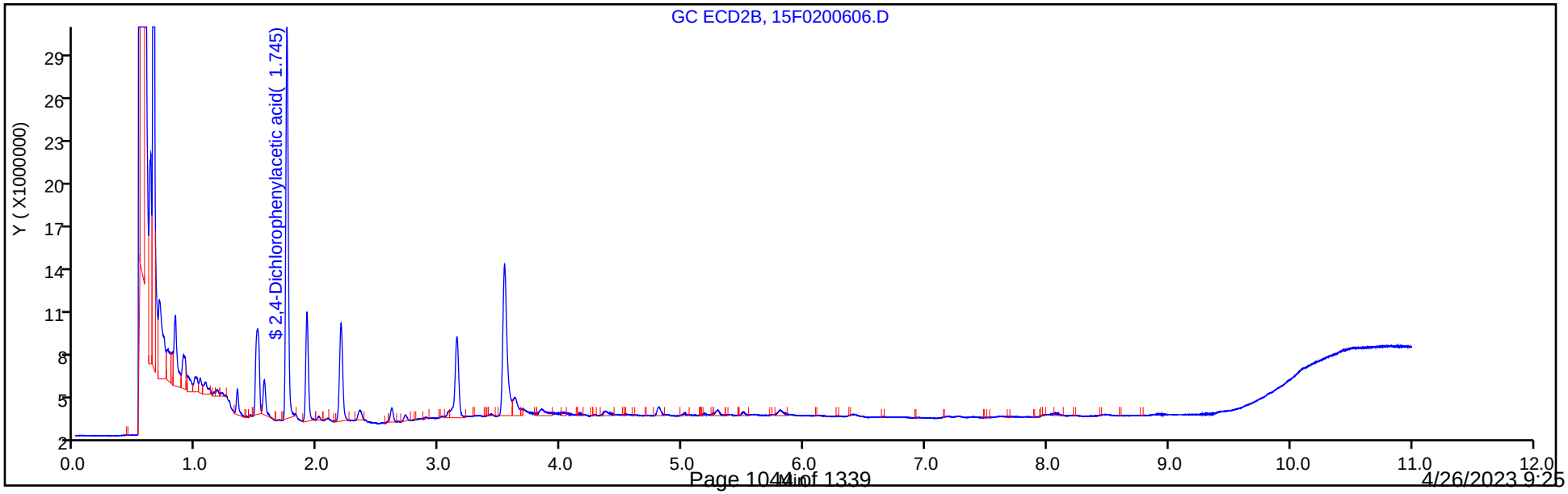
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200606.D

Injection Date:	21-Apr-2023 08:02:27	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-7-F	Lab Sample ID:	460-278409-7	Worklist Smp#:	6
Client ID:	WC-A-E-2(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

User Disabled Compound Report

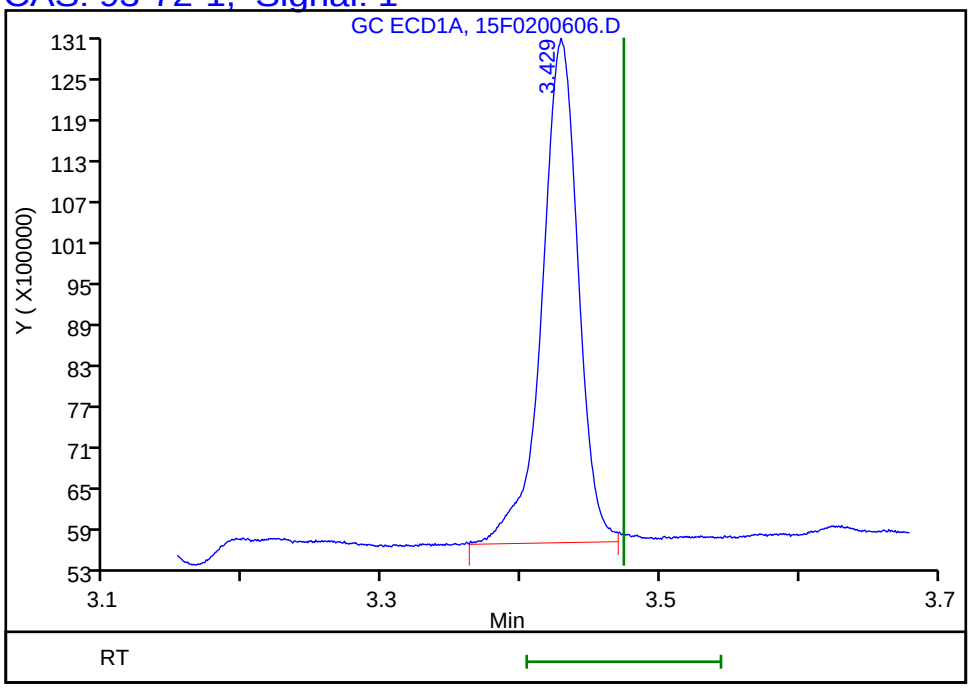
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200606.D
Injection Date: 21-Apr-2023 08:02:27 Instrument ID: CPESTGC15
Lims ID: 460-278409-M-7-F Lab Sample ID: 460-278409-7
Client ID: WC-A-E-2(0-3)
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

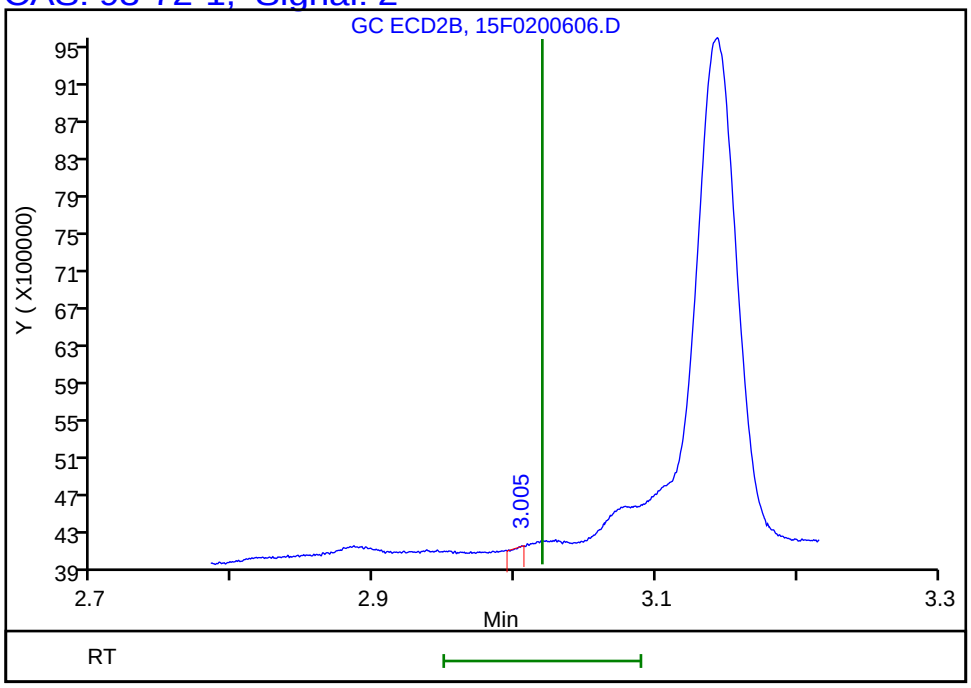
RT: 3.43
Response: 13445103
Amount: 6.708678



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.00
Response: 5394
Amount: 0.003094



Reviewer: SE1K, 21-Apr-2023 08:27:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-2(0-3) | Lab Sample ID: 460-278409-7

Matrix: Solid (TCLP) | Lab File ID: 15F0200606.D

Analysis Method: 8151A | Date Collected: 04/17/2023 11:00

Extraction Method: 8151A | Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) | Date Analyzed: 04/21/2023 08:02

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.083	U	0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	11		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200606.D
Lims ID: 460-278409-M-7-F
Client ID: WC-A-E-2(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 08:02:27 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-006
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:27:06 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 08:27:55

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	43595115	115.0	
2	1.745	1.750	-0.005	37692433	113.3	
					RPD = 1.51	

QC Flag Legend
Processing Flags

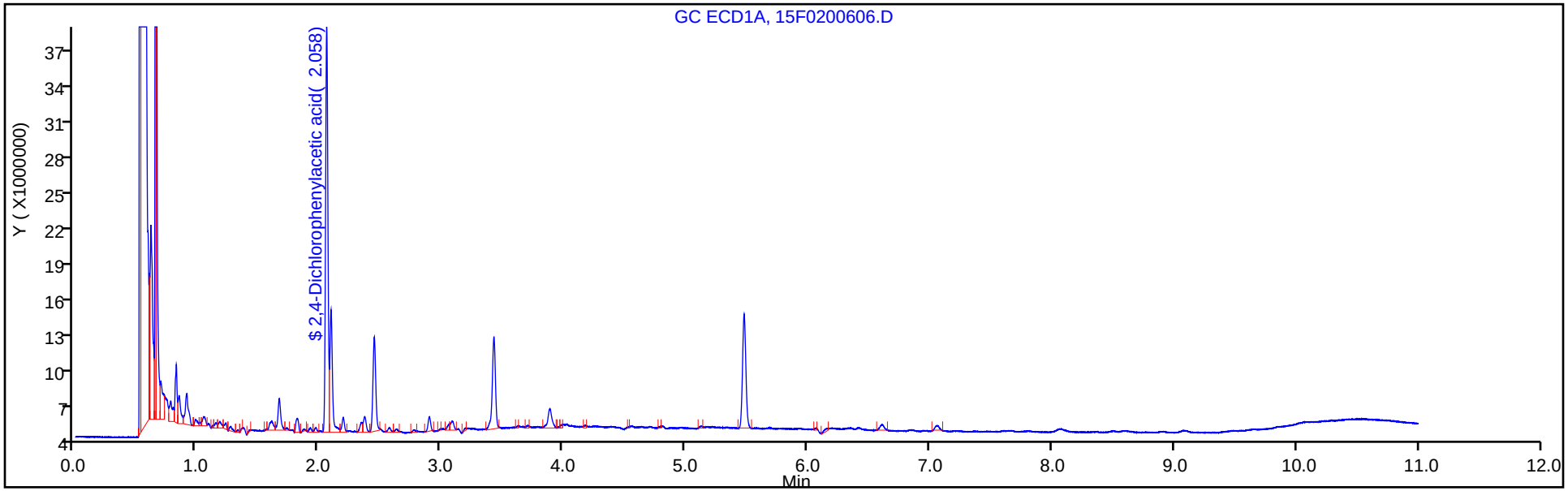
Report Date: 21-Apr-2023 09:35:57 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

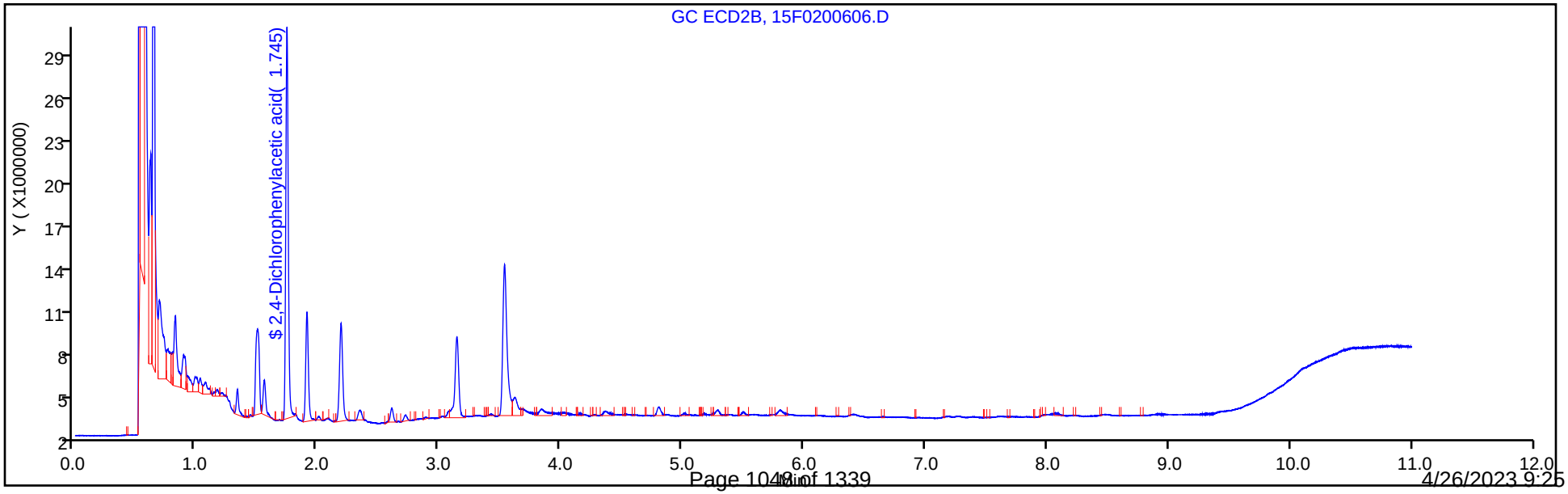
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200606.D

Injection Date:	21-Apr-2023 08:02:27	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-7-F	Lab Sample ID:	460-278409-7	Worklist Smp#:	6
Client ID:	WC-A-E-2(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

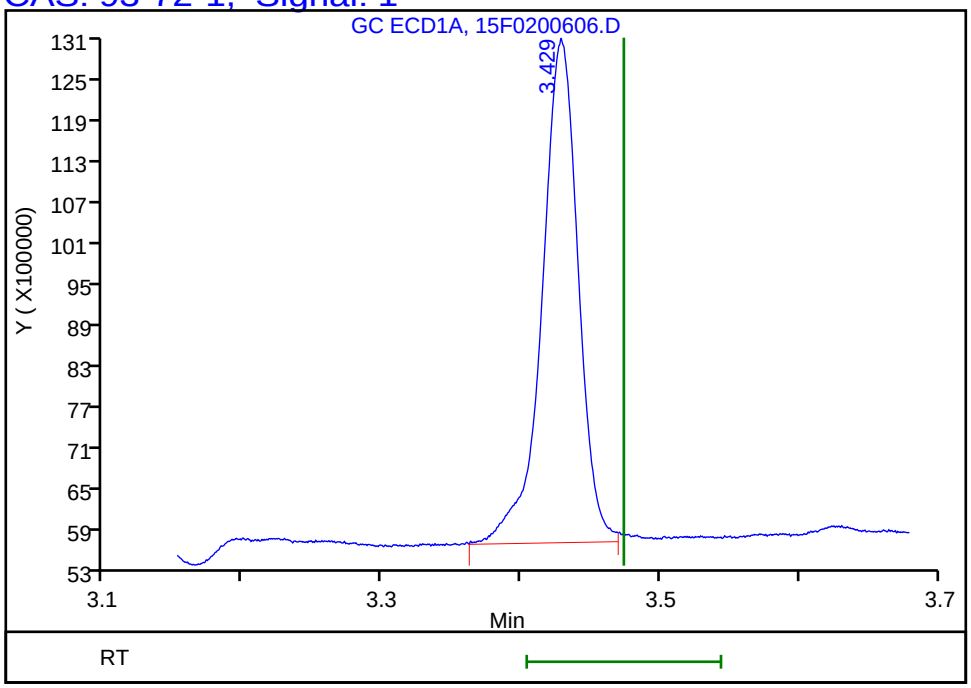
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200606.D
Injection Date: 21-Apr-2023 08:02:27 Instrument ID: CPESTGC15
Lims ID: 460-278409-M-7-F Lab Sample ID: 460-278409-7
Client ID: WC-A-E-2(0-3)
Operator ID: ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

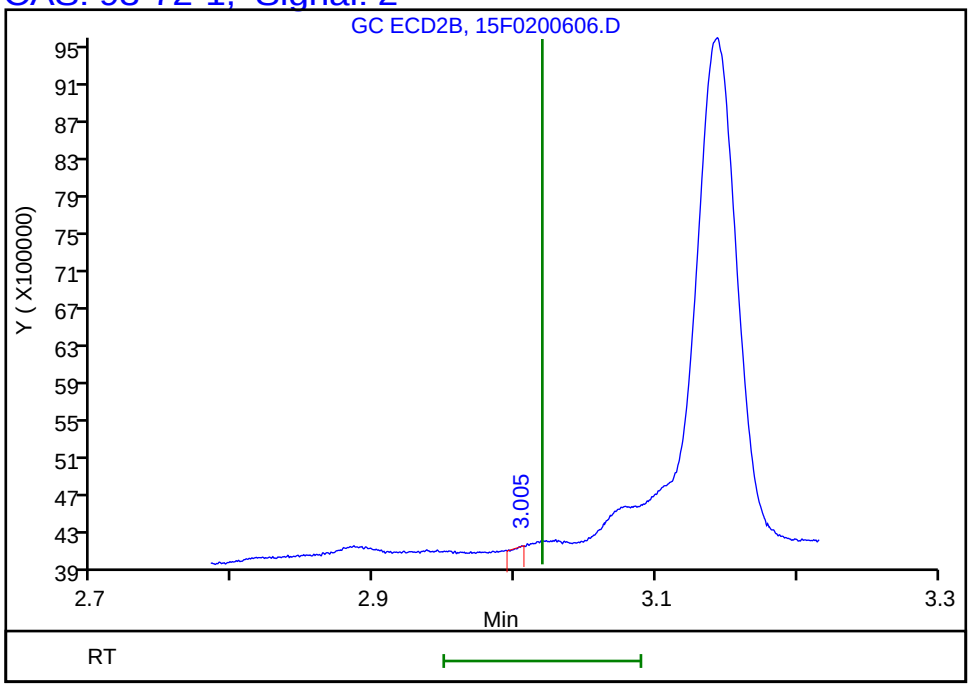
RT: 3.43
Response: 13445103
Amount: 6.708678



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.00
Response: 5394
Amount: 0.003094



Reviewer: SE1K, 21-Apr-2023 08:27:55
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) Lab Sample ID: 460-278409-13

Matrix: Solid (TCLP) Lab File ID: 15F0200607.D

Analysis Method: 8151A Date Collected: 04/17/2023 12:10

Extraction Method: 8151A Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) Date Analyzed: 04/21/2023 08:16

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	14		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200607.D
Lims ID: 460-278409-M-13-F
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 08:16:00 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-007
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:27:06 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 08:34:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	52389110	138.2	
2	1.743	1.750	-0.007	46042441	138.4	
					RPD = 0.13	

QC Flag Legend

Processing Flags

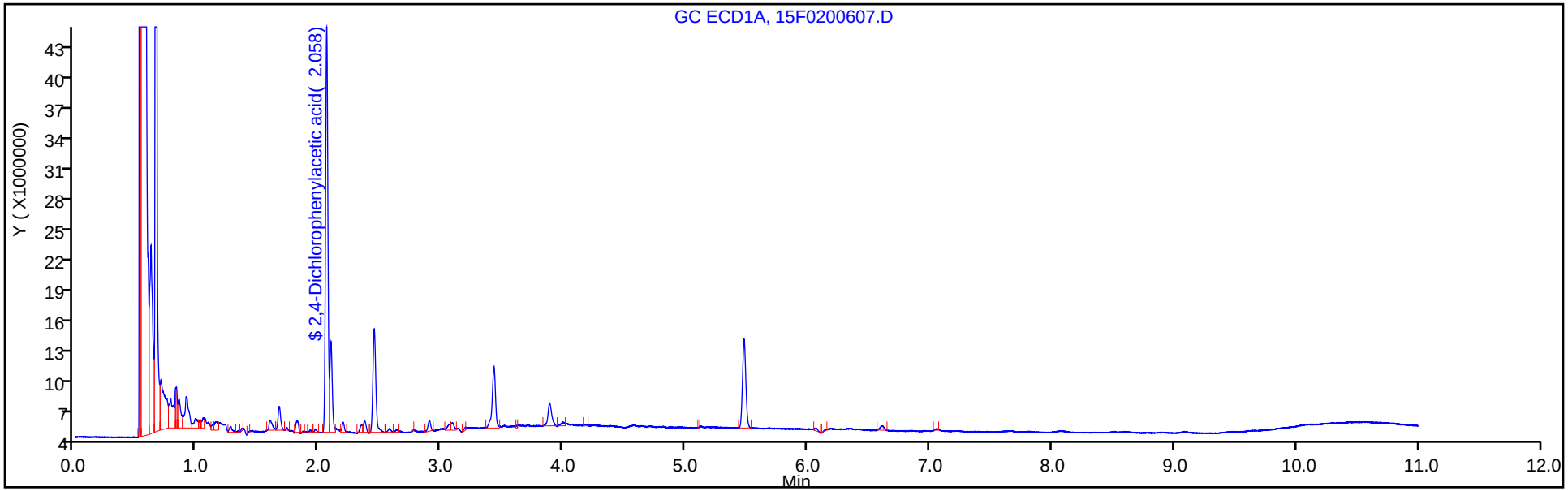
Report Date: 21-Apr-2023 09:35:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

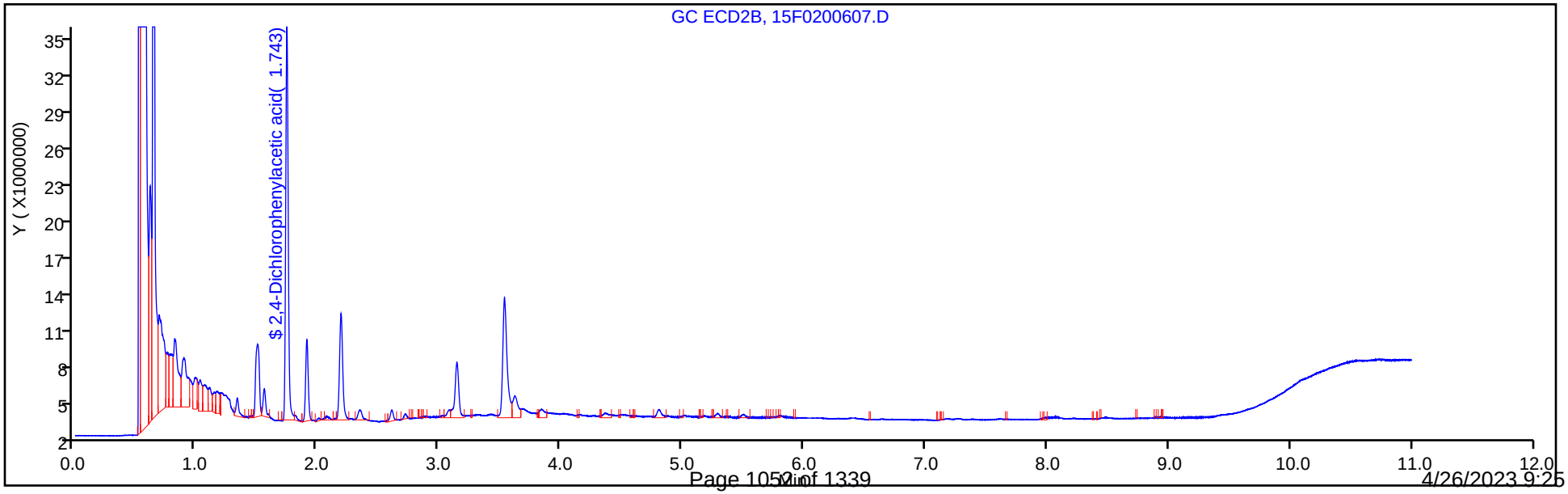
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200607.D

Injection Date:	21-Apr-2023 08:16:00	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-13-F	Lab Sample ID:	460-278409-13	Worklist Smp#:	7
Client ID:	WC-A-E-3(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200607.D

Injection Date: 21-Apr-2023 08:16:00 Instrument ID: CPESTGC15

Lims ID: 460-278409-M-13-F Lab Sample ID: 460-278409-13

Client ID: WC-A-E-3(0-3)

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

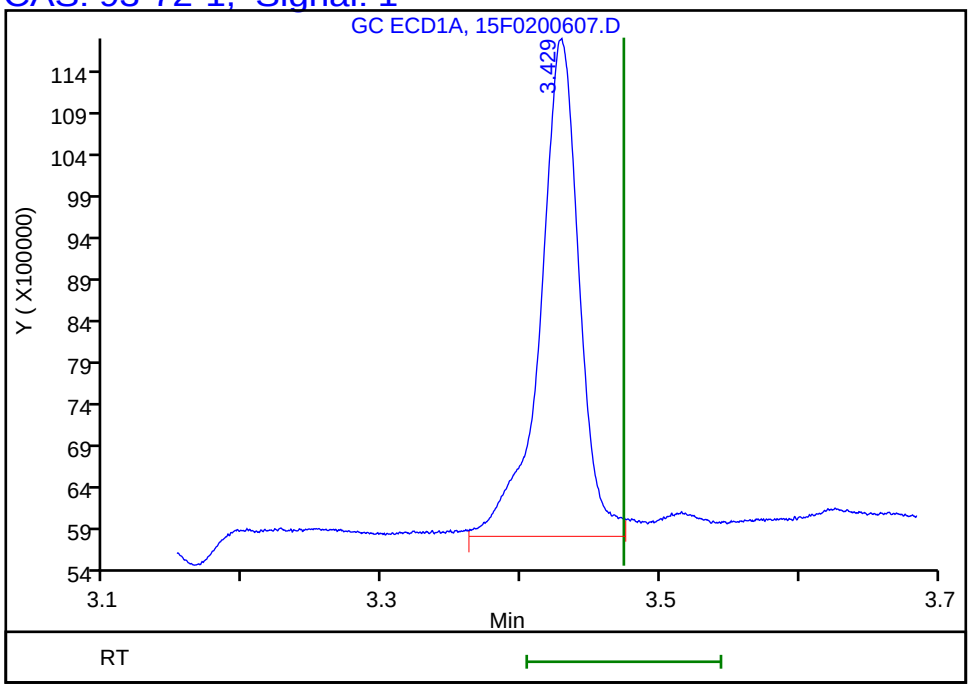
Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

RT: 3.43

Response: 11506824

Amount: 5.741539



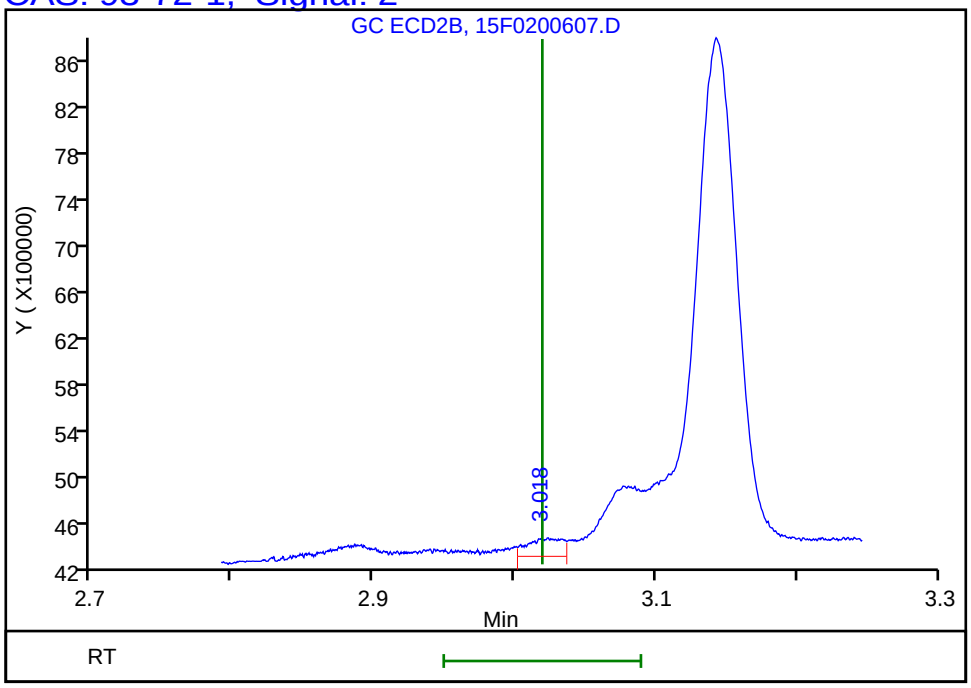
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02

Response: 253436

Amount: 0.145356



Reviewer: SE1K, 21-Apr-2023 08:34:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-3(0-3) | Lab Sample ID: 460-278409-13

Matrix: Solid (TCLP) | Lab File ID: 15F0200607.D

Analysis Method: 8151A | Date Collected: 04/17/2023 12:10

Extraction Method: 8151A | Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) | Date Analyzed: 04/21/2023 08:16

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.083	U	0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	14		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200607.D
Lims ID: 460-278409-M-13-F
Client ID: WC-A-E-3(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 08:16:00 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-007
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:27:06 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 08:34:39

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	52389110	138.2	
2	1.743	1.750	-0.007	46042441	138.4	
					RPD = 0.13	

QC Flag Legend

Processing Flags

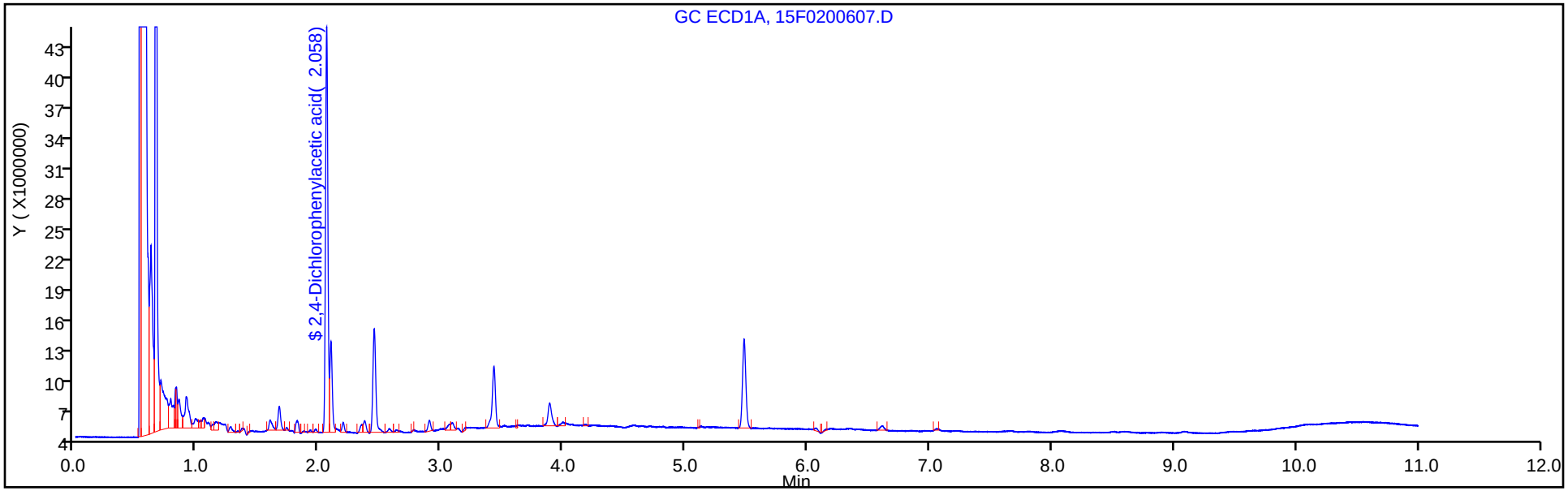
Report Date: 21-Apr-2023 09:35:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

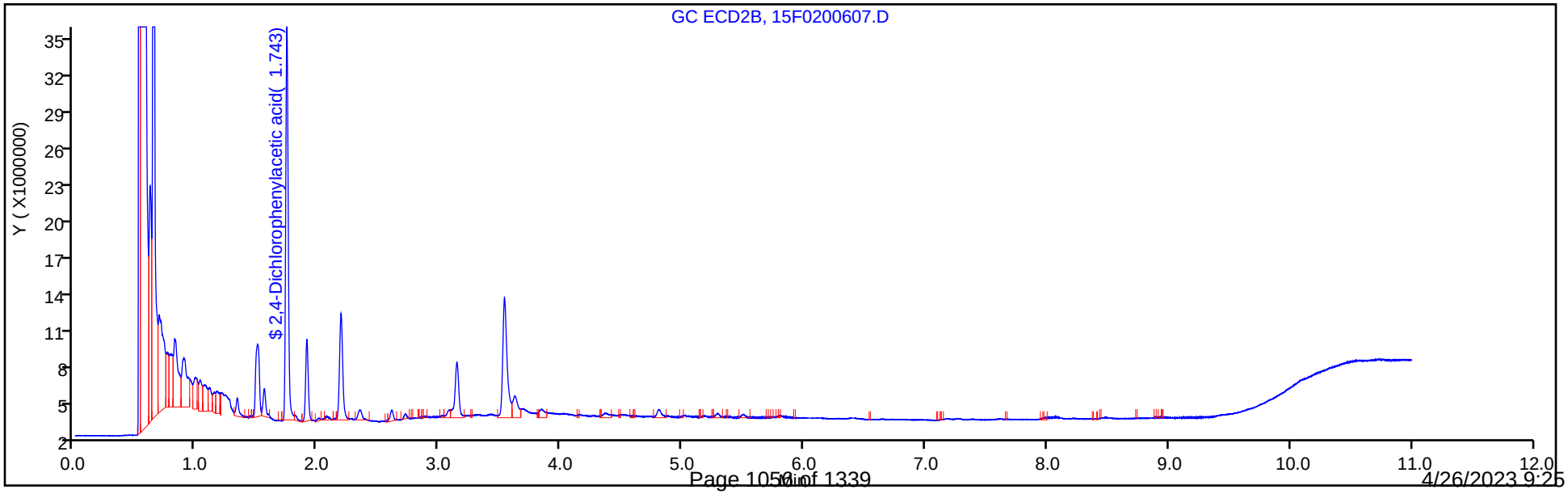
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200607.D

Injection Date:	21-Apr-2023 08:16:00	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-13-F	Lab Sample ID:	460-278409-13	Worklist Smp#:	7
Client ID:	WC-A-E-3(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200607.D

Injection Date: 21-Apr-2023 08:16:00 Instrument ID: CPESTGC15

Lims ID: 460-278409-M-13-F Lab Sample ID: 460-278409-13

Client ID: WC-A-E-3(0-3)

Operator ID: ALS Bottle#: 7 Worklist Smp#: 7

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

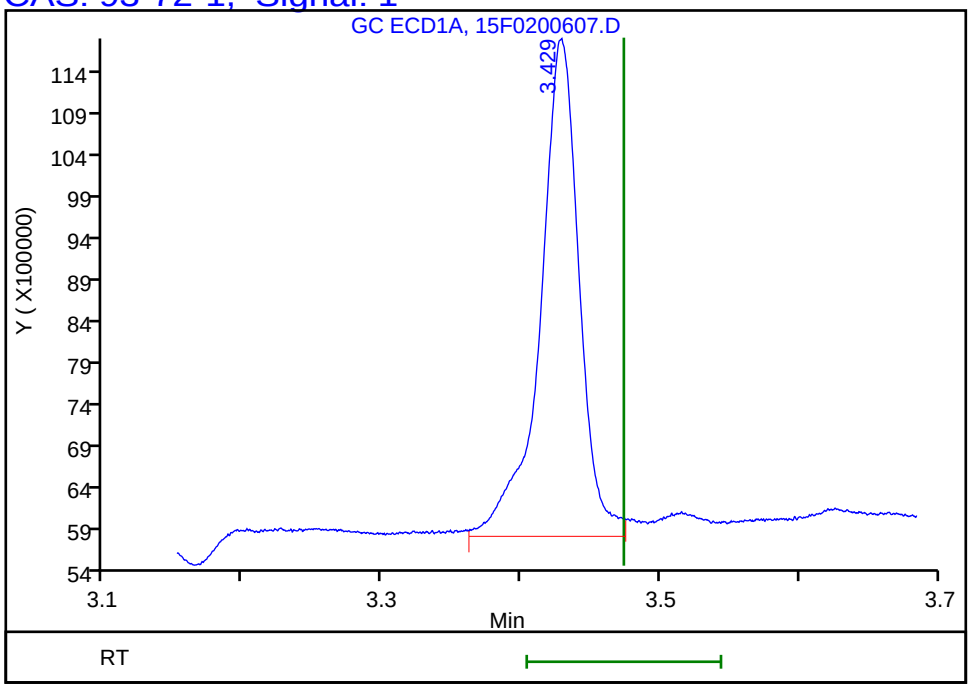
Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

RT: 3.43

Response: 11506824

Amount: 5.741539



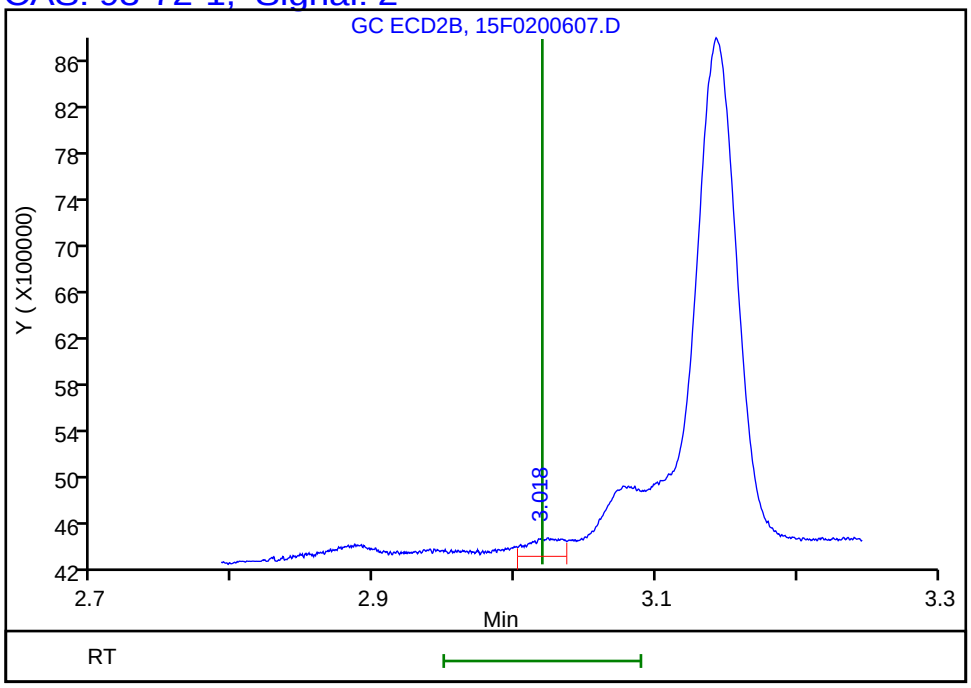
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02

Response: 253436

Amount: 0.145356



Reviewer: SE1K, 21-Apr-2023 08:34:39

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) Lab Sample ID: 460-278409-19

Matrix: Solid (TCLP) Lab File ID: 15F0200608.D

Analysis Method: 8151A Date Collected: 04/17/2023 10:20

Extraction Method: 8151A Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) Date Analyzed: 04/21/2023 08:29

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	15		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200608.D
Lims ID: 460-278409-M-19-F
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 08:29:36 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-008
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 10:50:40 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 10:42:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	56110037	148.0	
2	1.744	1.750	-0.006	48839874	146.8	
					RPD = 0.83	

QC Flag Legend
Processing Flags

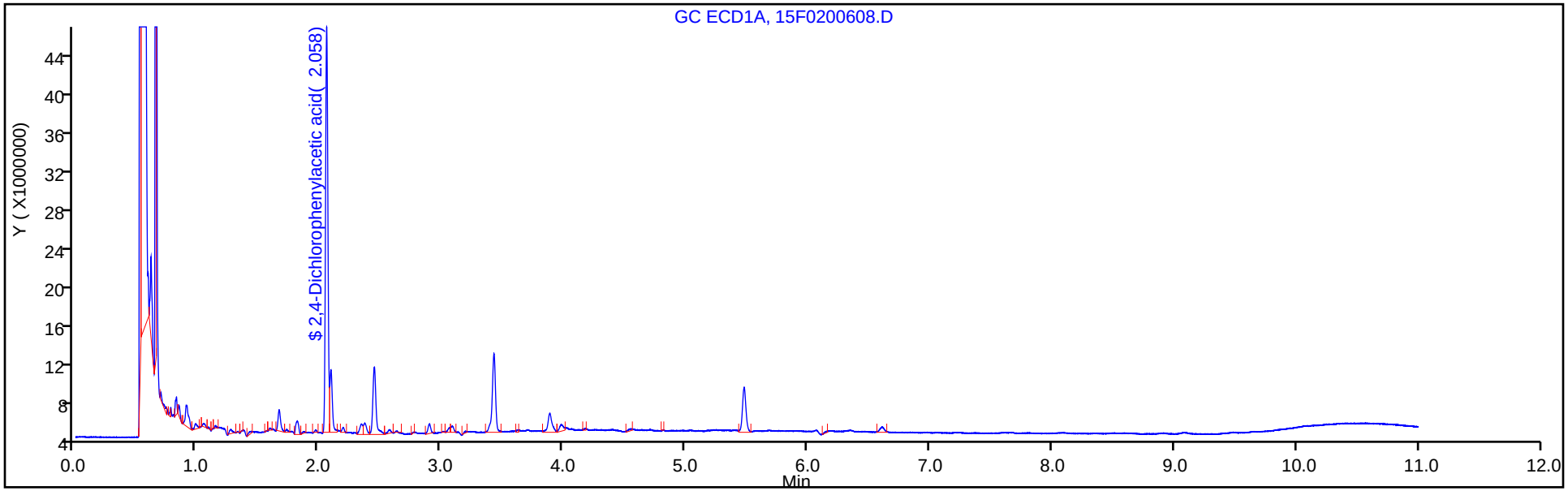
Report Date: 21-Apr-2023 10:51:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

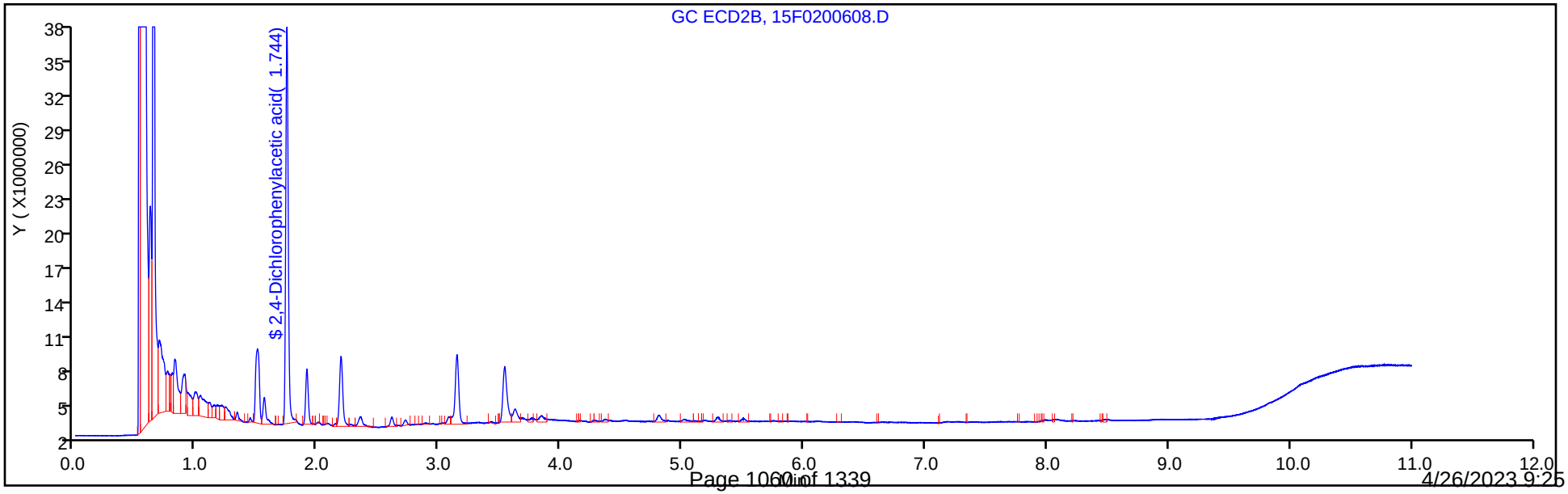
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200608.D

Injection Date:	21-Apr-2023 08:29:36	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-19-F	Lab Sample ID:	460-278409-19	Worklist Smp#:	8
Client ID:	WC-A-E-4(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200608.D

Injection Date: 21-Apr-2023 08:29:36 Instrument ID: CPESTGC15

Lims ID: 460-278409-M-19-F Lab Sample ID: 460-278409-19

Client ID: WC-A-E-4(0-3)

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

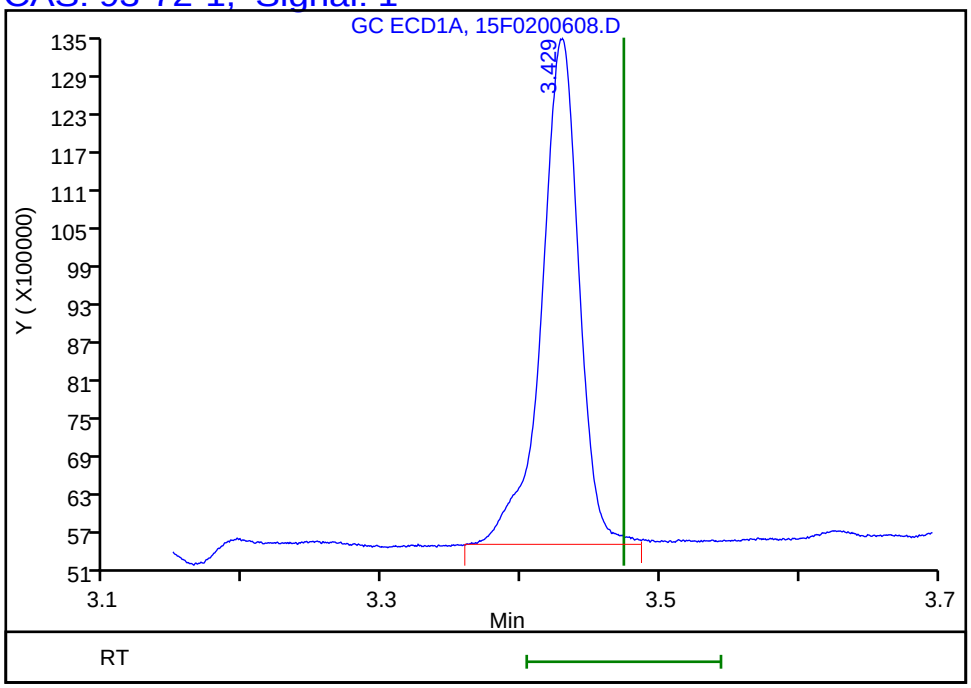
Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

RT: 3.43

Response: 14974225

Amount: 7.471661



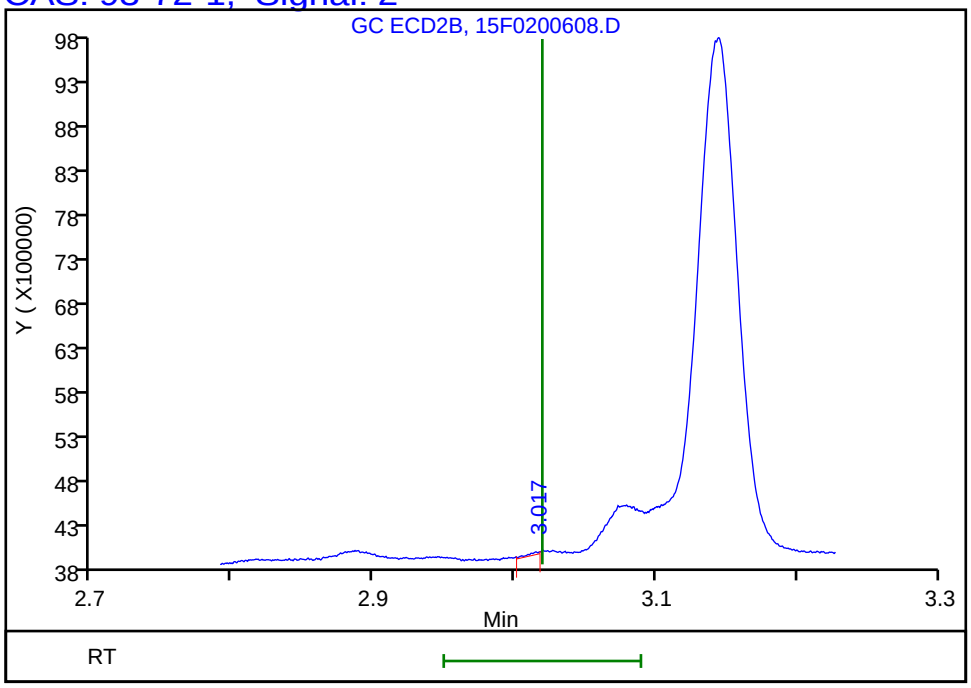
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02

Response: 14207

Amount: 0.008148



Reviewer: SE1K, 21-Apr-2023 10:50:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: WC-A-E-4(0-3) | Lab Sample ID: 460-278409-19

Matrix: Solid (TCLP) | Lab File ID: 15F0200608.D

Analysis Method: 8151A | Date Collected: 04/17/2023 10:20

Extraction Method: 8151A | Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) | Date Analyzed: 04/21/2023 08:29

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.083	U	0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	15		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200608.D
Lims ID: 460-278409-M-19-F
Client ID: WC-A-E-4(0-3)
Sample Type: Client
Inject. Date: 21-Apr-2023 08:29:36 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-008
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 10:50:40 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 10:42:25

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid						
1	2.058	2.055	0.003	56110037	148.0	
2	1.744	1.750	-0.006	48839874	146.8	
					RPD = 0.83	

QC Flag Legend

Processing Flags

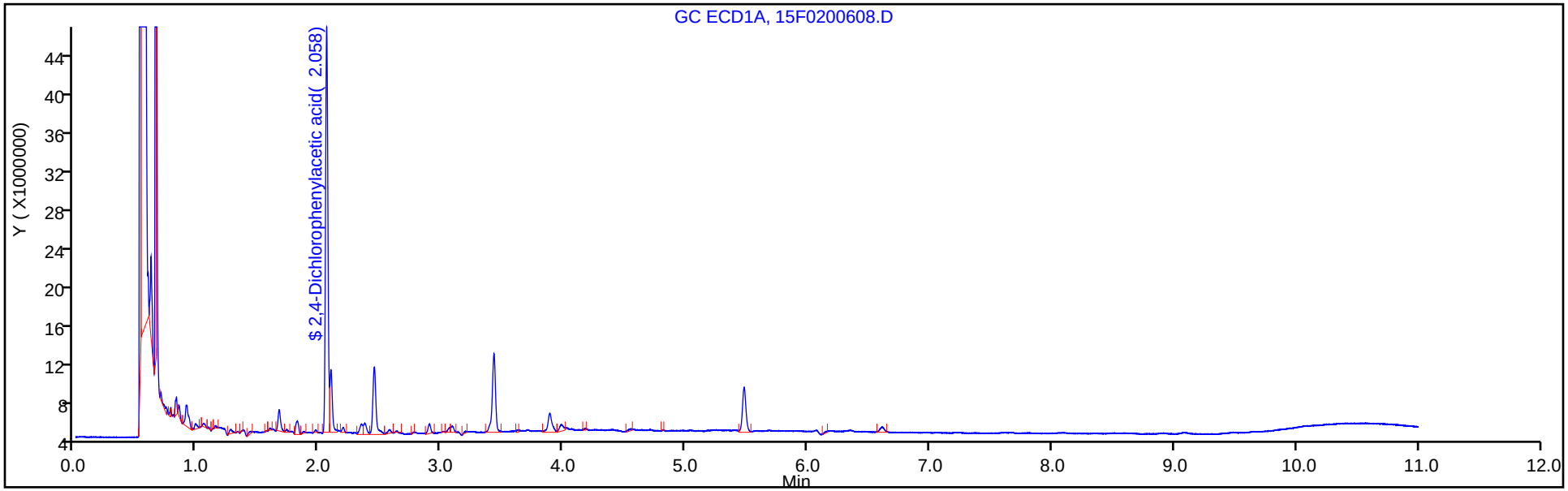
Report Date: 21-Apr-2023 10:51:05 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

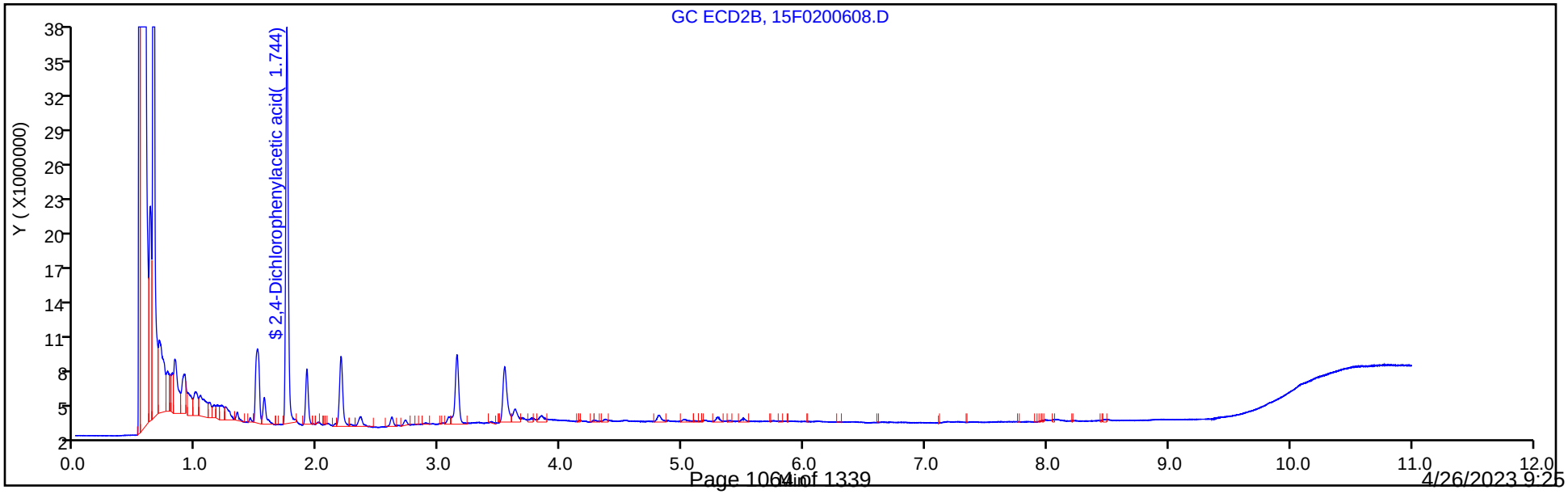
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200608.D

Injection Date:	21-Apr-2023 08:29:36	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	460-278409-M-19-F	Lab Sample ID:	460-278409-19	Worklist Smp#:	8
Client ID:	WC-A-E-4(0-3)				
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

User Disabled Compound Report

Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200608.D

Injection Date: 21-Apr-2023 08:29:36 Instrument ID: CPESTGC15

Lims ID: 460-278409-M-19-F Lab Sample ID: 460-278409-19

Client ID: WC-A-E-4(0-3)

Operator ID: ALS Bottle#: 8 Worklist Smp#: 8

Injection Vol: 1.0 ul Dil. Factor: 1.0000

Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

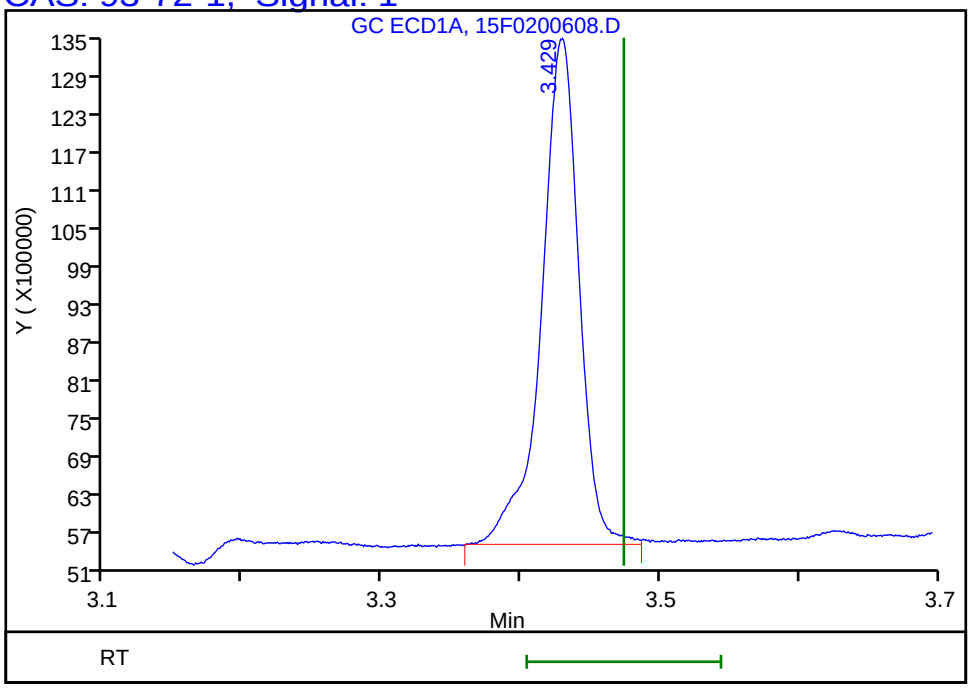
Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

RT: 3.43

Response: 14974225

Amount: 7.471661



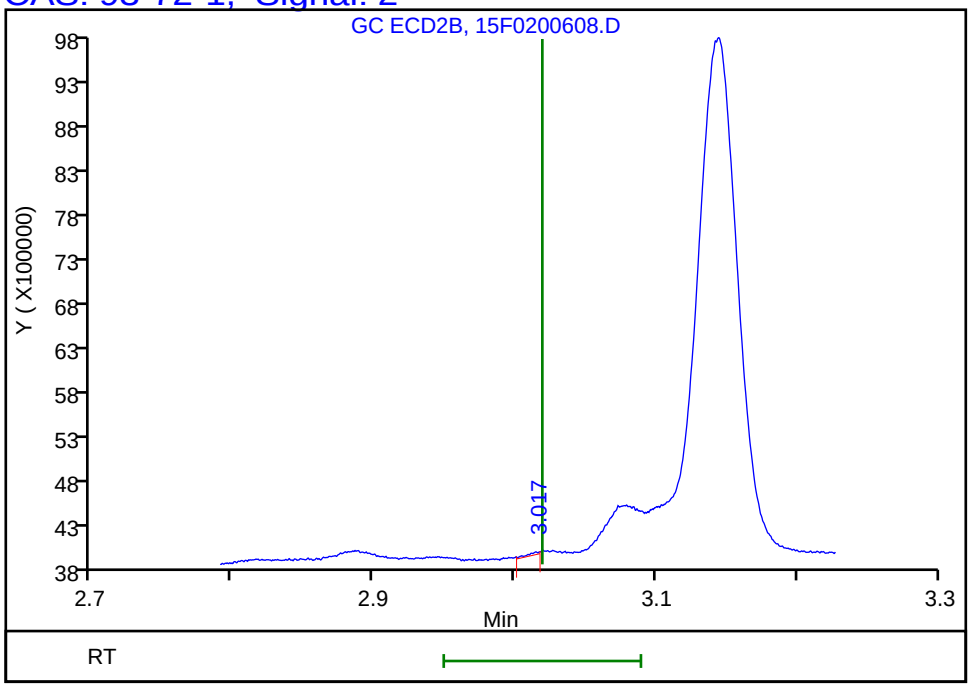
Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02

Response: 14207

Amount: 0.008148



Reviewer: SE1K, 21-Apr-2023 10:50:40

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91682

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880013/2	15F0017524.D
Level 2	IC 460-880013/3	15F0017525.D
Level 3	IC 460-880013/4	15F0017526.D
Level 4	IC 460-880013/5	15F0017527.D
Level 5	IC 460-880013/6	15F0017528.D
Level 6	IC 460-880013/7	15F0017529.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Dalapon	0.624	0.624	0.616	0.626	0.625	0.626					0.556 - 0.696	0.624
Dicamba	2.236	2.236	2.236	2.237	2.238	2.237					2.167 - 2.307	2.237
Mecoprop	2.313	2.312	2.313	2.313	2.314	2.314					2.243 - 2.383	2.313
MCPA	2.476	2.476	2.476	2.478	2.479	2.478					2.408 - 2.548	2.477
Dichlorprop	2.715	2.716	2.716	2.716	2.717	2.717					2.646 - 2.786	2.716
2,4-D	2.946	2.946	2.946	2.947	2.947	2.947					2.877 - 3.017	2.947
Pentachlorophenol	3.212	3.212	3.213	3.213	3.214	3.214					3.143 - 3.283	3.213
Silvex (2,4,5-TP)	3.549	3.550	3.550	3.551	3.552	3.552					3.481 - 3.621	3.551
2,4,5-T	3.849	3.850	3.850	3.851	3.850	3.851					3.781 - 3.921	3.850
2,4-DB	4.248	4.247	4.248	4.248	4.248	4.248					4.178 - 4.318	4.248
Dinoseb	4.461	4.461	4.462	4.462	4.462	4.462					4.392 - 4.532	4.462
Picloram	5.243	5.244	5.244	5.245	5.242	5.243					5.175 - 5.315	5.244
2,4-Dichlorophenylacetic acid	2.116	2.116	2.116	2.117	2.117	2.117					2.047 - 2.187	2.117

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91682

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880013/2	15F0017524.D
Level 2	IC 460-880013/3	15F0017525.D
Level 3	IC 460-880013/4	15F0017526.D
Level 4	IC 460-880013/5	15F0017527.D
Level 5	IC 460-880013/6	15F0017528.D
Level 6	IC 460-880013/7	15F0017529.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Dalapon	847617 554752	646830 499640	646574	507338	Lin2	37712621.1	470464.779							0.9920		0.9900
Dicamba	1592487 1322274	1387805 1282603	1399488	1283225	Ave		1377980.28				8.4		20.0			
Mecoprop	1445.9 1501.4	1420.5 1531.8	1437.7	1463.4	Ave		1466.7789 3				2.9		20.0			
MCPA	2323.4 1882.3	2027.8 1828.5	2024.4	1836.8	Ave		1987.1904 6				9.4		20.0			
Dichlorprop	464985 372615	399950 355984	396719	363373	Ave		392271.087				10.1		20.0			
2,4-D	530898 432585	455830 412911	452352	423189	Ave		451294.308				9.4		20.0			
Pentachlorophenol	5859649 5306443	5346133 5172763	5364000	5148855	Ave		5366307.03				4.8		20.0			
Silvex (2,4,5-TP)	2415940 1928089	2016873 1841554	1996880	1825479	Ave		2004135.90				10.8		20.0			
2,4,5-T	2392221 1984916	2050072 1874144	2034473	1909663	Ave		2040914.91				9.1		20.0			
2,4-DB	316250 294048	272918 276757	275857	268891	Ave		284120.128				6.3		20.0			
Dinoseb	1476643 1254485	1244875 1185692	1248857	1189029	Ave		1266596.77				8.5		20.0			
Picloram	3229129 3030832	2890187 2826158	2848490	2928427	Ave		2958870.62				5.1		20.0			
2,4-Dichlorophenylacetic acid	453068 358309	386932 344035	384898	347555	Ave		379132.732				10.7		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91682

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880013/2	15F0017524.D
Level 2	IC 460-880013/3	15F0017525.D
Level 3	IC 460-880013/4	15F0017526.D
Level 4	IC 460-880013/5	15F0017527.D
Level 5	IC 460-880013/6	15F0017528.D
Level 6	IC 460-880013/7	15F0017529.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dalapon	Lin2	84761721 499639779	129365900	161643431	253668819	416063989	100 1000	200	250	500	750
Dicamba	Ave	159248736 1282603363	277560922	349871952	641612357	991705372	100 1000	200	250	500	750
Mecoprop	Ave	14322089 151733740	28142431	35602503	72481031	111543797	9906 99057	19811	24764	49528	74292
MCPA	Ave	23308413 183440108	40684964	50771874	92131563	141622501	10032 100320	20064	25080	50160	75240
Dichlorprop	Ave	46475252 355805670	79950104	99130271	181595608	279321523	100.0 1000	200	250	500	750
2,4-D	Ave	53594196 416834120	92031983	114162431	213604517	327521152	101 1010	202	252	505	757
Pentachlorophenol	Ave	292865248 2585347182	534399432	670231781	1286698793	1989119990	50.0 500	100.0	125	250	375
Silvex (2,4,5-TP)	Ave	244009980 1859969362	407408297	504212226	921866909	1460527629	101 1010	202	253	505	758
2,4,5-T	Ave	239222140 1874144332	410014324	508618221	954831550	1488687095	100 1000	200	250	500	750
2,4-DB	Ave	31625025 276757093	54583556	68964351	134445355	220535648	100 1000	200	250	500	750

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: DB-5 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91682

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dinoseb	Ave	149140959 1197548604	251464699	315336378	600459749	950272297	101 1010	202	253	505	758
Picloram	Ave	152608629 1335642383	273180515	336549097	691987304	1074278458	47.3 473	94.5	118	236	354
2,4-Dichlorophenylacetic acid	Ave	90613591 688070504	154772873	192448860	347554568	537463076	200 2000	400	500	1000	1500

Curve Type Legend

Ave = Average
Lin2 = Linear 1/conc^2

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017524.D
Lims ID: IC HERB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Nov-2022 11:34:04 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-002
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:23 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.624	0.626	-0.002	84761721	100.0	100.0	
2	0.617	0.619	-0.002	63390251	100.0	102.6	
						RPD = 2.53	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.116	2.117	-0.001	90613591	200.0	239.0	
2	1.783	1.783	0.000	76229099	200.0	229.1	
						RPD = 4.24	
1 Dicamba							
1	2.236	2.237	-0.001	159248736	100.0	115.6	
2	1.886	1.887	-0.001	129897555	100.0	111.5	
						RPD = 3.62	
9 MCPP							
1	2.313	2.313	0.000	14322089	9905.7	9764.3	
2	2.004	2.005	-0.001	18775410	9905.7	11881	
						RPD = 19.56	
3 MCPA							
1	2.476	2.478	-0.002	23308413	10032	11729	
2	2.094	2.095	-0.001	25865771	10032	12850	
						RPD = 9.12	
5 Dichlorprop							
1	2.715	2.716	-0.001	46475252	100.0	118.5	
2	2.331	2.331	0.000	39016068	100.0	117.5	
						RPD = 0.82	
8 2,4-D							
1	2.946	2.947	-0.001	53594196	101.0	118.8	
2	2.479	2.478	0.001	42396251	101.0	117.5	
						RPD = 1.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.212	3.213	-0.001	292865248	50.0	54.6	
2	2.623	2.624	-0.001	230149468	50.0	53.7	
						RPD = 1.68	
2 Silvex (2,4,5-TP)							
1	3.549	3.551	-0.002	244009980	101.0	121.8	
2	3.063	3.065	-0.002	199835189	101.0	114.6	
						RPD = 6.04	
4 2,4,5-T							
1	3.849	3.851	-0.002	239222140	100.0	117.2	
2	3.261	3.261	0.000	185674824	100.0	113.8	
						RPD = 2.96	
6 2,4-DB							
1	4.248	4.248	0.000	31625025	100.0	111.3	
2	3.664	3.665	-0.001	37414531	100.0	117.2	
						RPD = 5.16	
13 Dinoseb							
1	4.461	4.462	-0.001	149140959	101.0	117.7	
2	4.453	4.454	-0.001	130760626	101.0	115.9	
						RPD = 1.61	
7 Picloram							
1	5.243	5.245	-0.002	152608629	47.3	51.6	
2	4.311	4.310	0.001	101757915	47.3	50.9	
						RPD = 1.41	

Reagents:

SGHERBL1_00003 Amount Added: 1.00 Units: mL

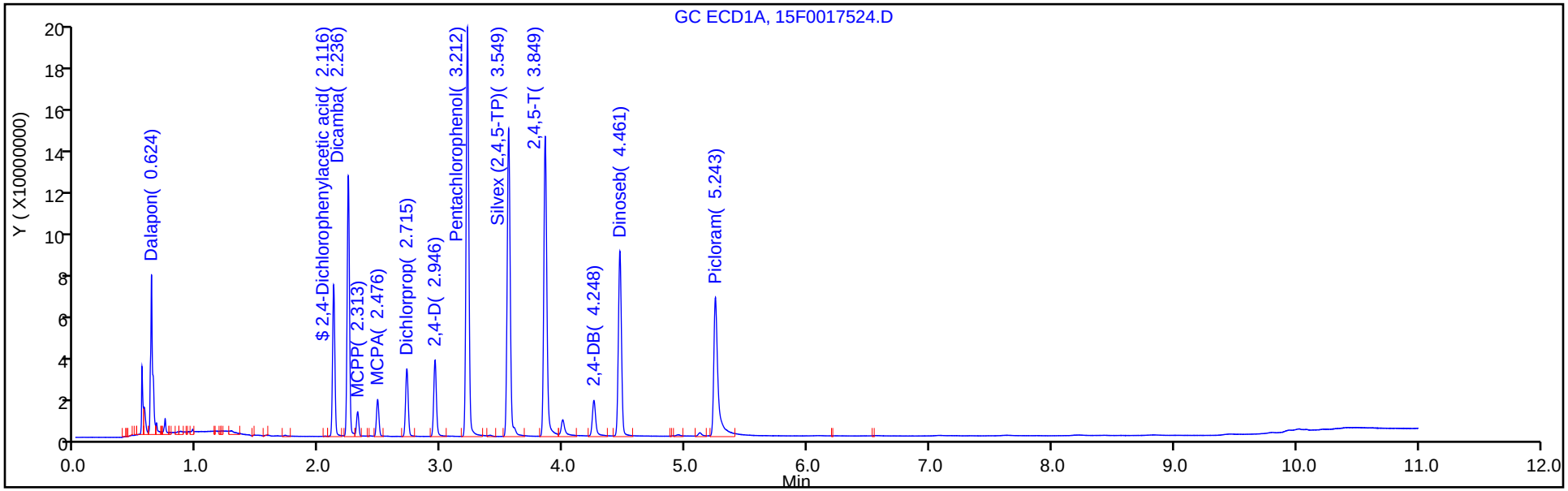
Report Date: 28-Nov-2022 14:13:23 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

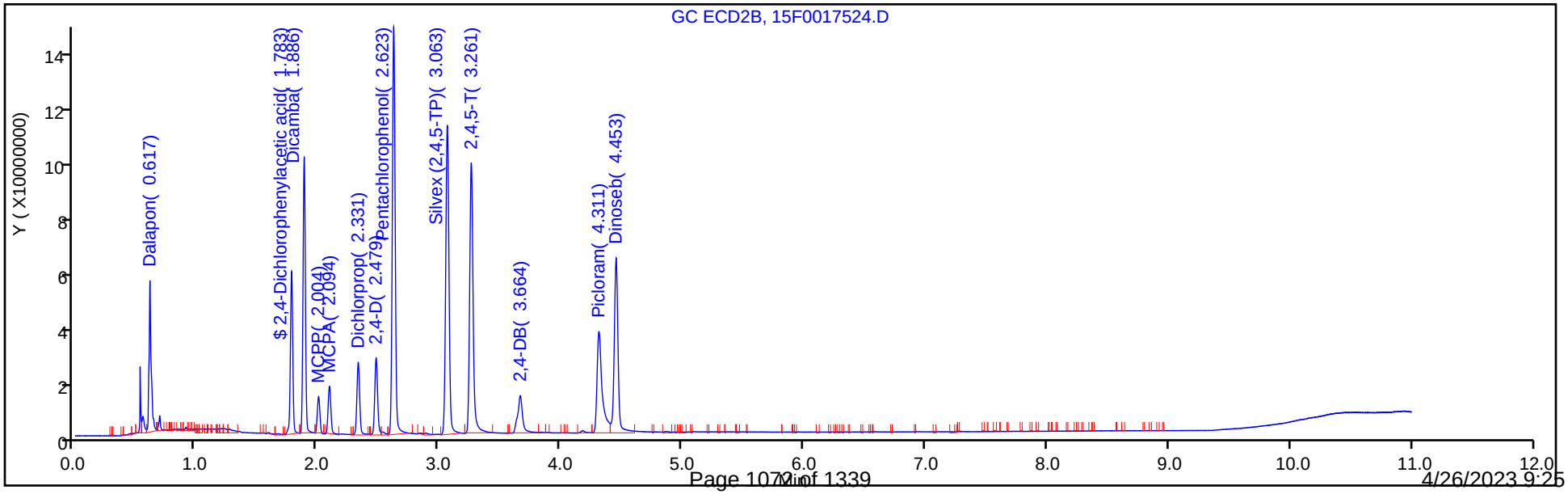
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017524.D

Injection Date:	28-Nov-2022 11:34:04	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017525.D
Lims ID: IC HERB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Nov-2022 11:47:34 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-003
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:26 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:33:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.624	0.626	-0.002	129365900	200.0	194.8	M
2	0.617	0.619	-0.002	88345191	200.0	178.0	M
						RPD = 9.02	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.116	2.117	-0.001	154772873	400.0	408.2	
2	1.782	1.783	-0.001	132668138	400.0	398.7	
						RPD = 2.37	
1 Dicamba							
1	2.236	2.237	-0.001	277560922	200.0	201.4	
2	1.886	1.887	-0.001	230773364	200.0	198.0	
						RPD = 1.71	
9 MCPP							
1	2.312	2.313	-0.001	28142431	19811	19187	
2	2.004	2.005	-0.001	32223409	19811	20391	
						RPD = 6.09	
3 MCPA							
1	2.476	2.478	-0.002	40684964	20064	20474	
2	2.093	2.095	-0.002	41684022	20064	20709	
						RPD = 1.14	
5 Dichlorprop							
1	2.716	2.716	0.000	79950104	199.9	203.8	
2	2.331	2.331	0.000	67096537	199.9	202.1	
						RPD = 0.85	
8 2,4-D							
1	2.946	2.947	-0.001	92031983	201.9	203.9	
2	2.477	2.478	-0.001	72990851	201.9	202.3	
						RPD = 0.79	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.212	3.213	-0.001	534399432	100.0	99.6	
2	2.623	2.624	-0.001	417126444	100.0	97.3	
						RPD = 2.36	
2 Silvex (2,4,5-TP)							
1	3.550	3.551	-0.001	407408297	202.0	203.3	
2	3.063	3.065	-0.002	347439134	202.0	199.3	
						RPD = 1.99	
4 2,4,5-T							
1	3.850	3.851	-0.001	410014324	200.0	200.9	
2	3.261	3.261	0.000	316198679	200.0	193.8	
						RPD = 3.60	
6 2,4-DB							
1	4.247	4.248	-0.001	54583556	200.0	192.1	
2	3.665	3.665	0.000	61865545	200.0	193.8	
						RPD = 0.87	
13 Dinoseb							
1	4.461	4.462	-0.001	251464699	202.0	198.5	
2	4.452	4.454	-0.002	223088980	202.0	197.7	
						RPD = 0.43	
7 Picloram							
1	5.244	5.245	-0.001	273180515	94.5	92.3	
2	4.310	4.310	0.000	182107813	94.5	91.0	
						RPD = 1.44	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL2_00002 Amount Added: 1.00 Units: mL

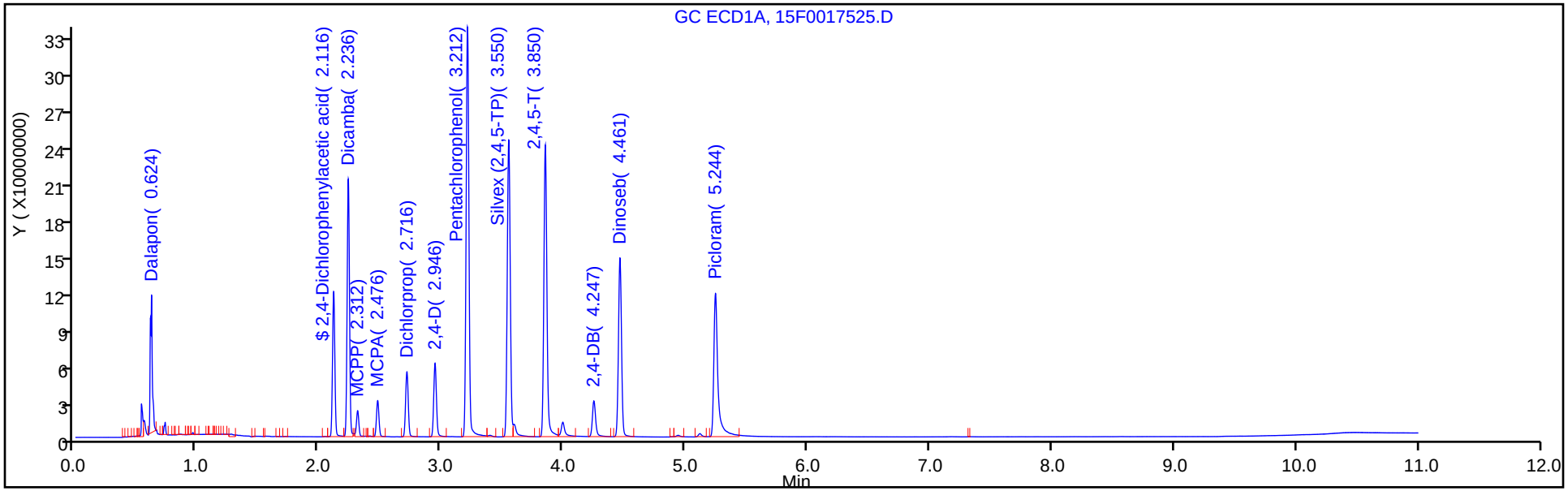
Report Date: 28-Nov-2022 14:13:26 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

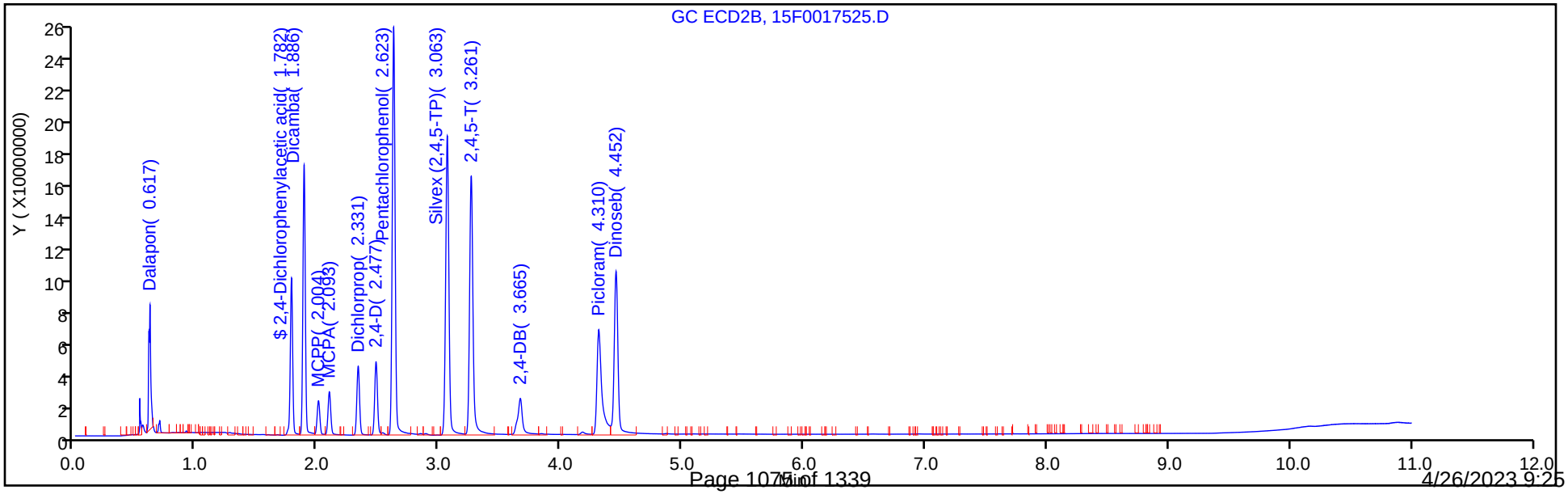
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017525.D

Injection Date:	28-Nov-2022 11:47:34	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017526.D
Lims ID: IC HERB 3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Nov-2022 12:01:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-004
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:29 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:33:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.616	0.616	0.000	161643431	250.0	263.4	M
2	0.609	0.609	0.000	118524474	250.0	269.2	M
						RPD = 2.18	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.116	2.116	0.000	192448860	500.0	507.6	
2	1.782	1.782	0.000	166502066	500.0	500.3	
						RPD = 1.44	
1 Dicamba							
1	2.236	2.236	0.000	349871952	250.0	253.9	
2	1.885	1.885	0.000	289274636	250.0	248.2	
						RPD = 2.27	
9 MCPP							
1	2.313	2.313	0.000	35602503	24764	24273	
2	2.004	2.004	0.000	39941274	24764	25275	
						RPD = 4.05	
3 MCPA							
1	2.476	2.476	0.000	50771874	25080	25550	
2	2.093	2.093	0.000	50949036	25080	25312	
						RPD = 0.93	
5 Dichlorprop							
1	2.716	2.716	0.000	99130271	249.9	252.7	
2	2.330	2.330	0.000	82820235	249.9	249.4	
						RPD = 1.30	
8 2,4-D							
1	2.946	2.946	0.000	114162431	252.4	253.0	
2	2.477	2.477	0.000	90825538	252.4	251.8	
						RPD = 0.48	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.213	3.213	0.000	670231781	125.0	124.9	
2	2.622	2.622	0.000	526772132	125.0	122.8	
						RPD = 1.67	
2 Silvex (2,4,5-TP)							
1	3.550	3.550	0.000	504212226	252.5	251.6	
2	3.063	3.063	0.000	429456192	252.5	246.3	
						RPD = 2.12	
4 2,4,5-T							
1	3.850	3.850	0.000	508618221	250.0	249.2	
2	3.260	3.260	0.000	396412187	250.0	242.9	
						RPD = 2.55	
6 2,4-DB							
1	4.248	4.248	0.000	68964351	250.0	242.7	
2	3.664	3.664	0.000	78088318	250.0	244.6	
						RPD = 0.78	
13 Dinoseb							
1	4.462	4.462	0.000	315336378	252.5	249.0	
2	4.451	4.451	0.000	280395779	252.5	248.5	
						RPD = 0.20	
7 Picloram							
1	5.244	5.244	0.000	336549097	118.2	113.7	
2	4.311	4.311	0.000	221354326	118.2	110.6	
						RPD = 2.78	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL3_00002 Amount Added: 1.00 Units: mL

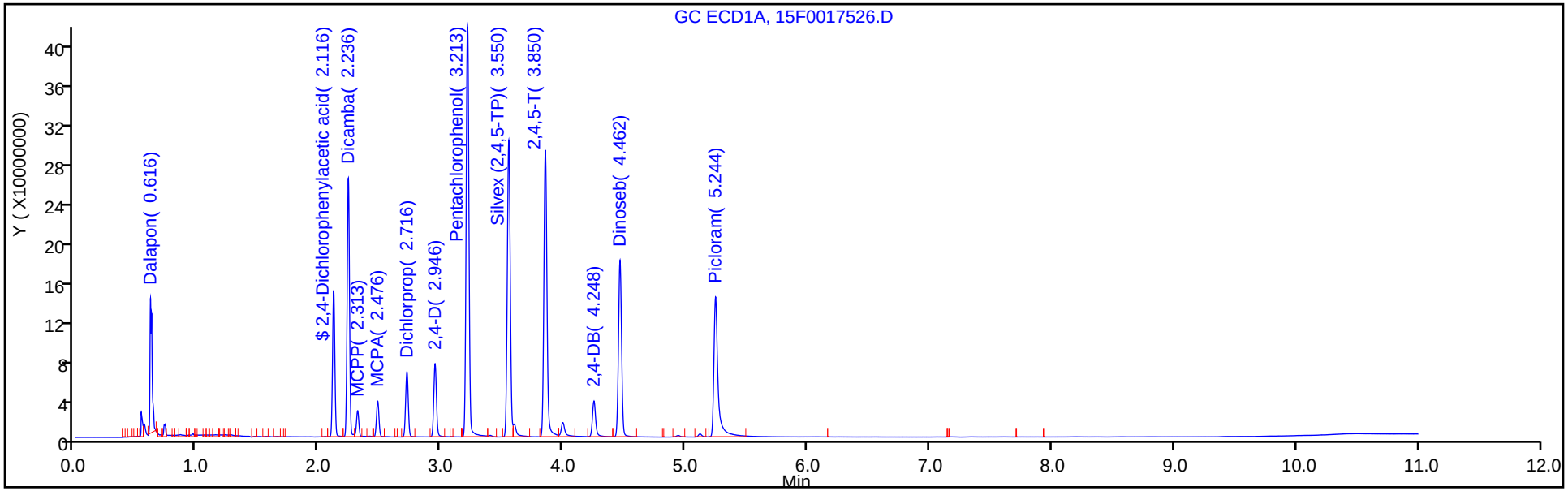
Report Date: 28-Nov-2022 14:13:29 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

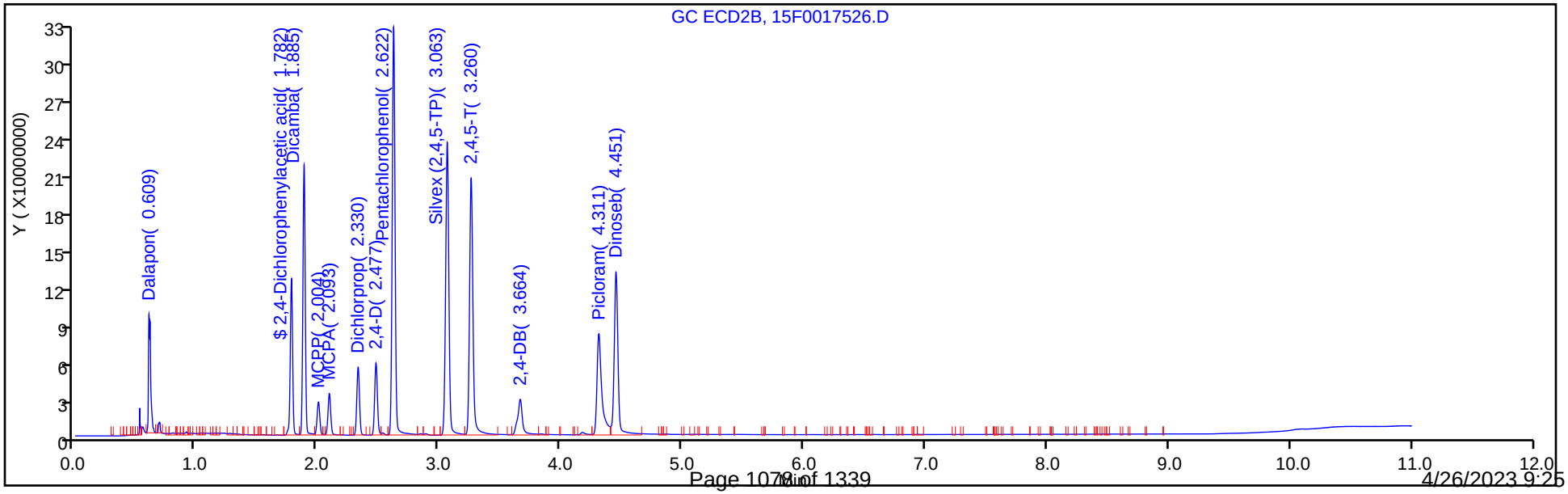
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017526.D

Injection Date:	28-Nov-2022 12:01:07	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



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Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017527.D
Lims ID: IC HERB 4
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 28-Nov-2022 12:14:43 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-005
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:33 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:34:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.626	0.626	0.000	253668819	500.0	459.0	M
2	0.619	0.619	0.000	187783011	500.0	478.6	M
						RPD = 4.17	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.117	2.117	0.000	347554568	1000.0	916.7	
2	1.783	1.783	0.000	307577896	1000.0	924.3	
						RPD = 0.82	
1 Dicamba							
1	2.237	2.237	0.000	641612357	500.0	465.6	
2	1.887	1.887	0.000	540123666	500.0	463.4	
						RPD = 0.47	
9 MCPP							
1	2.313	2.313	0.000	72481031	49528	49415	
2	2.005	2.005	0.000	72453482	49528	45848	
						RPD = 7.49	
3 MCPA							
1	2.478	2.478	0.000	92131563	50160	46363	
2	2.095	2.095	0.000	91520435	50160	45469	
						RPD = 1.95	
5 Dichlorprop							
1	2.716	2.716	0.000	181595608	499.8	462.9	
2	2.331	2.331	0.000	153315157	499.8	461.8	
						RPD = 0.25	
8 2,4-D							
1	2.947	2.947	0.000	213604517	504.8	473.3	
2	2.478	2.478	0.000	169843168	504.8	470.8	
						RPD = 0.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.213	3.213	0.000	1286698793	249.9	239.8	
2	2.624	2.624	0.000	1026732280	249.9	239.4	
						RPD = 0.15	
2 Silvex (2,4,5-TP)							
1	3.551	3.551	0.000	921866909	505.0	460.0	
2	3.065	3.065	0.000	834689917	505.0	478.7	
						RPD = 3.99	
4 2,4,5-T							
1	3.851	3.851	0.000	954831550	500.0	467.8	
2	3.261	3.261	0.000	767139663	500.0	470.1	
						RPD = 0.49	
6 2,4-DB							
1	4.248	4.248	0.000	134445355	500.0	473.2	
2	3.665	3.665	0.000	158104096	500.0	495.3	
						RPD = 4.56	
13 Dinoseb							
1	4.462	4.462	0.000	600459749	505.0	474.1	
2	4.454	4.454	0.000	534582627	505.0	473.7	
						RPD = 0.08	
7 Picloram							
1	5.245	5.245	0.000	691987304	236.3	233.9	
2	4.310	4.310	0.000	468458374	236.3	234.1	
						RPD = 0.10	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00002 Amount Added: 1.00 Units: mL

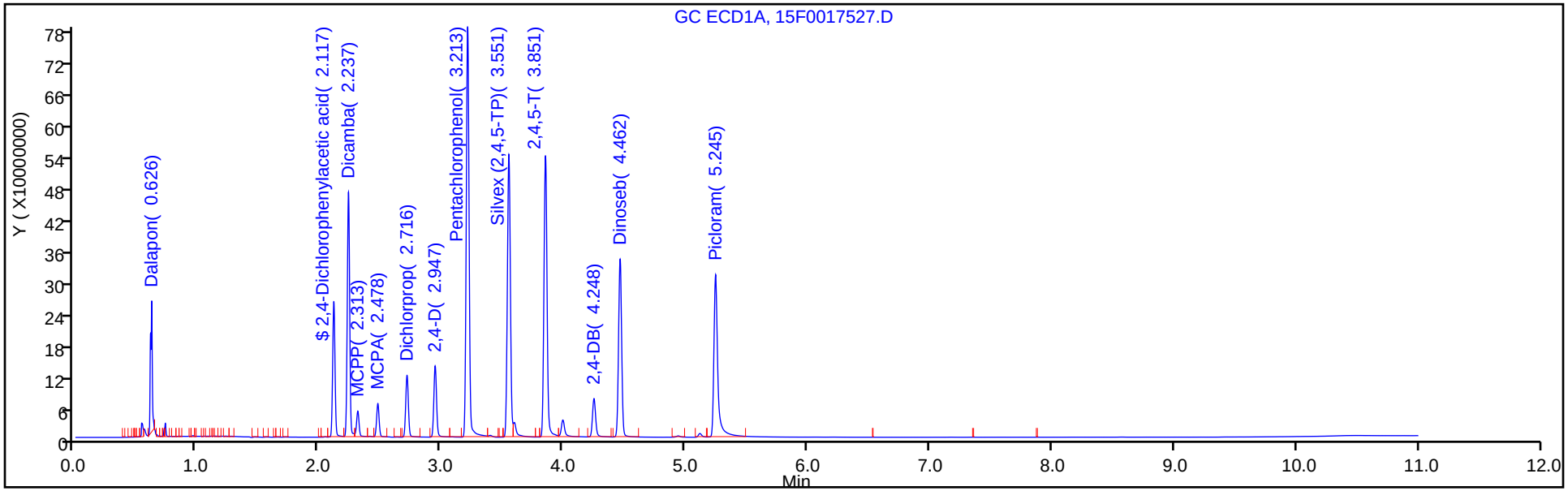
Report Date: 28-Nov-2022 14:13:33 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

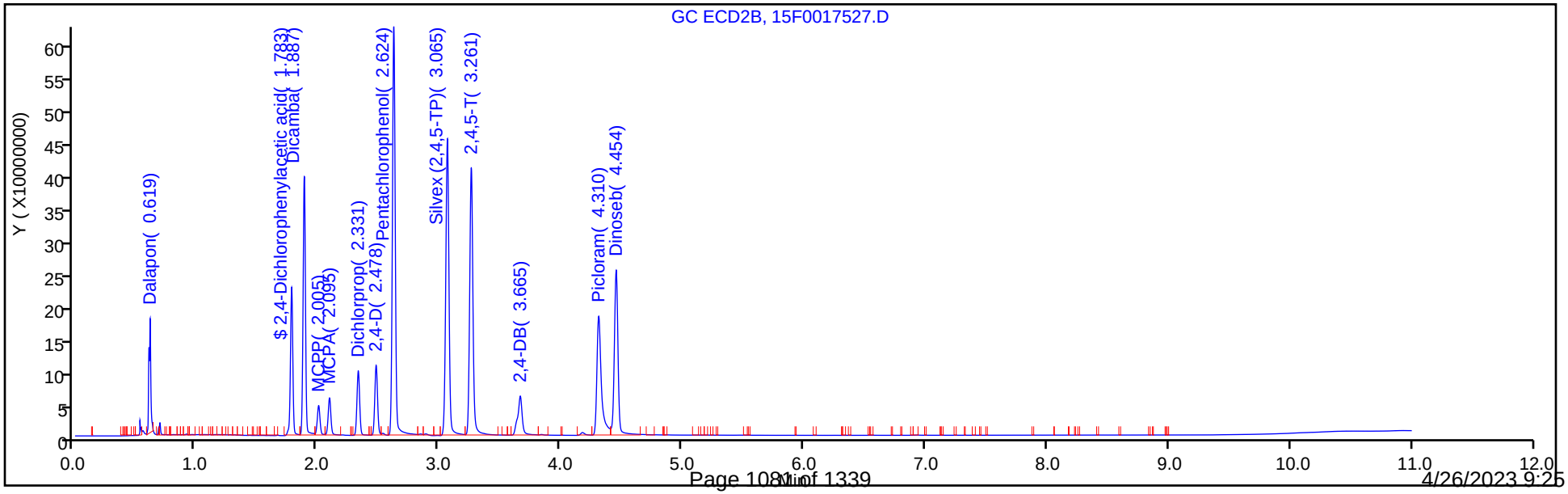
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017527.D

Injection Date:	28-Nov-2022 12:14:43	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017528.D
Lims ID: IC HERB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Nov-2022 12:28:26 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-006
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:36 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.625	0.626	-0.001	416063989	750.0	804.2	
2	0.618	0.619	-0.001	293409765	750.0	797.9	
						RPD = 0.79	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.117	2.117	0.000	537463076	1500.0	1417.6	
2	1.784	1.783	0.001	487747914	1500.0	1465.7	
						RPD = 3.34	
1 Dicamba							
1	2.238	2.237	0.001	991705372	750.0	719.7	
2	1.888	1.887	0.001	867084538	750.0	744.0	
						RPD = 3.32	
9 MCPP							
1	2.314	2.313	0.001	111543797	74292	76047	
2	2.006	2.005	0.001	107896378	74292	68277	
						RPD = 10.77	
3 MCPA							
1	2.479	2.478	0.001	141622501	75240	71268	
2	2.095	2.095	0.000	135806209	75240	67471	
						RPD = 5.47	
5 Dichlorprop							
1	2.717	2.716	0.001	279321523	749.6	712.1	
2	2.332	2.331	0.001	240213878	749.6	723.5	
						RPD = 1.59	
8 2,4-D							
1	2.947	2.947	0.000	327521152	757.1	725.7	
2	2.479	2.478	0.001	265433758	757.1	735.7	
						RPD = 1.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.214	3.213	0.001	1989119990	374.9	370.7	
2	2.625	2.624	0.001	1621978859	374.9	378.2	
						RPD = 2.01	
2 Silvex (2,4,5-TP)							
1	3.552	3.551	0.001	1460527629	757.5	728.8	
2	3.065	3.065	0.000	1303551455	757.5	747.6	
						RPD = 2.56	
4 2,4,5-T							
1	3.850	3.851	-0.001	1488687095	750.0	729.4	
2	3.262	3.261	0.001	1226936165	750.0	751.9	
						RPD = 3.04	
6 2,4-DB							
1	4.248	4.248	0.000	220535648	750.0	776.2	
2	3.665	3.665	0.000	224821178	750.0	704.3	
						RPD = 9.72	
13 Dinoseb							
1	4.462	4.462	0.000	950272297	757.5	750.3	
2	4.455	4.454	0.001	848601903	757.5	752.0	
						RPD = 0.23	
7 Picloram							
1	5.242	5.245	-0.003	1074278458	354.5	363.1	
2	4.310	4.310	0.000	734904128	354.5	367.3	
						RPD = 1.15	

Reagents:

SGHERBL5_00003 Amount Added: 1.00 Units: mL

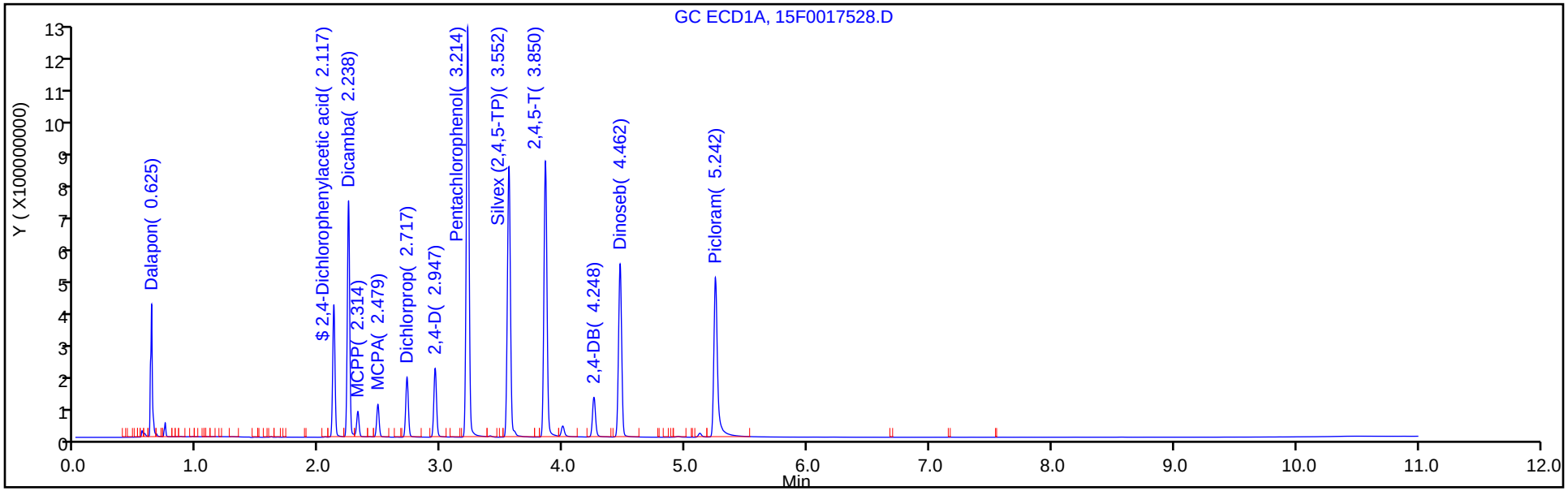
Report Date: 28-Nov-2022 14:13:36 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

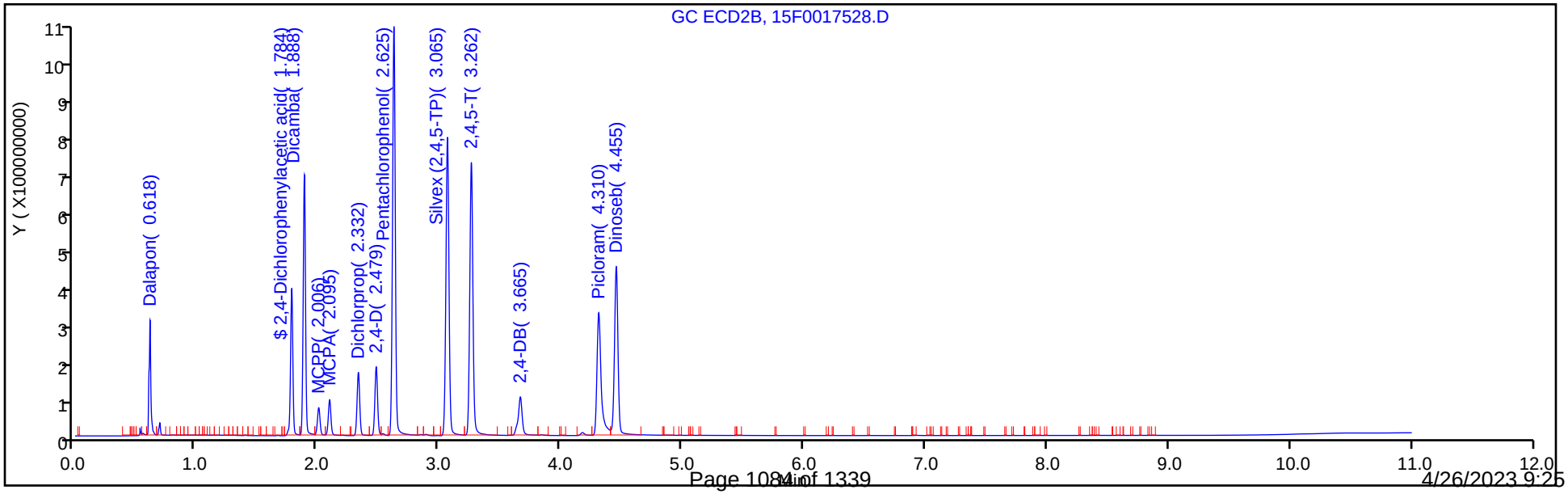
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017528.D

Injection Date:	28-Nov-2022 12:28:26	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D
Lims ID: IC HERB 6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-Nov-2022 12:42:00 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-007
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:39 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:35:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.626	0.626	0.000	499639779	1000.0	981.9	M
2	0.619	0.619	0.000	355810074	1000.0	986.5	M
						RPD = 0.47	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.117	2.117	0.000	688070504	2000.0	1814.9	
2	1.783	1.783	0.000	636130488	2000.0	1911.6	
						RPD = 5.19	
1 Dicamba							
1	2.237	2.237	0.000	1282603363	1000.0	930.8	
2	1.887	1.887	0.000	1146433127	1000.0	983.7	
						RPD = 5.53	
9 MCPP							
1	2.314	2.313	0.001	151733740	99057	103447	
2	2.005	2.005	0.000	141817956	99057	89742	
						RPD = 14.19	
3 MCPA							
1	2.478	2.478	0.000	183440108	100320	92311	
2	2.095	2.095	0.000	176568889	100320	87722	
						RPD = 5.10	
5 Dichlorprop							
1	2.717	2.716	0.001	355805670	999.5	907.0	
2	2.331	2.331	0.000	307307846	999.5	925.6	
						RPD = 2.02	
8 2,4-D							
1	2.947	2.947	0.000	416834120	1009.5	923.6	
2	2.478	2.478	0.000	339379080	1009.5	940.7	
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.214	3.213	0.001	2585347182	499.8	481.8	
2	2.624	2.624	0.000	2150189868	499.8	501.4	
						RPD = 3.99	
2 Silvex (2,4,5-TP)							
1	3.552	3.551	0.001	1859969362	1010.0	928.1	
2	3.065	3.065	0.000	1705134663	1010.0	978.0	
						RPD = 5.24	
4 2,4,5-T							
1	3.851	3.851	0.000	1874144332	1000.0	918.3	
2	3.260	3.261	-0.001	1596600736	1000.0	978.5	
						RPD = 6.35	
6 2,4-DB							
1	4.248	4.248	0.000	276757093	1000.0	974.1	
2	3.664	3.665	-0.001	303535581	1000.0	950.9	
						RPD = 2.41	
13 Dinoseb							
1	4.462	4.462	0.000	1197548604	1010.0	945.5	
2	4.453	4.454	-0.001	1093344130	1010.0	968.9	
						RPD = 2.44	
7 Picloram							
1	5.243	5.245	-0.002	1335642383	472.6	451.4	
2	4.309	4.310	-0.001	943781540	472.6	471.6	
						RPD = 4.39	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL6_00001 Amount Added: 1.00 Units: mL

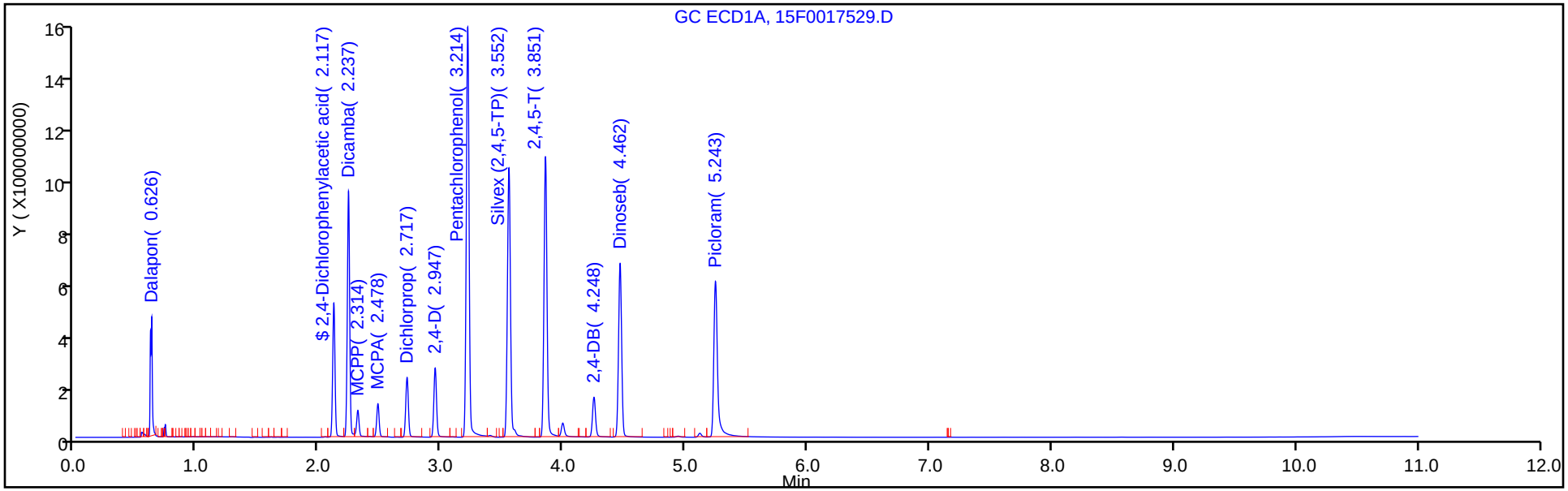
Report Date: 28-Nov-2022 14:13:39 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

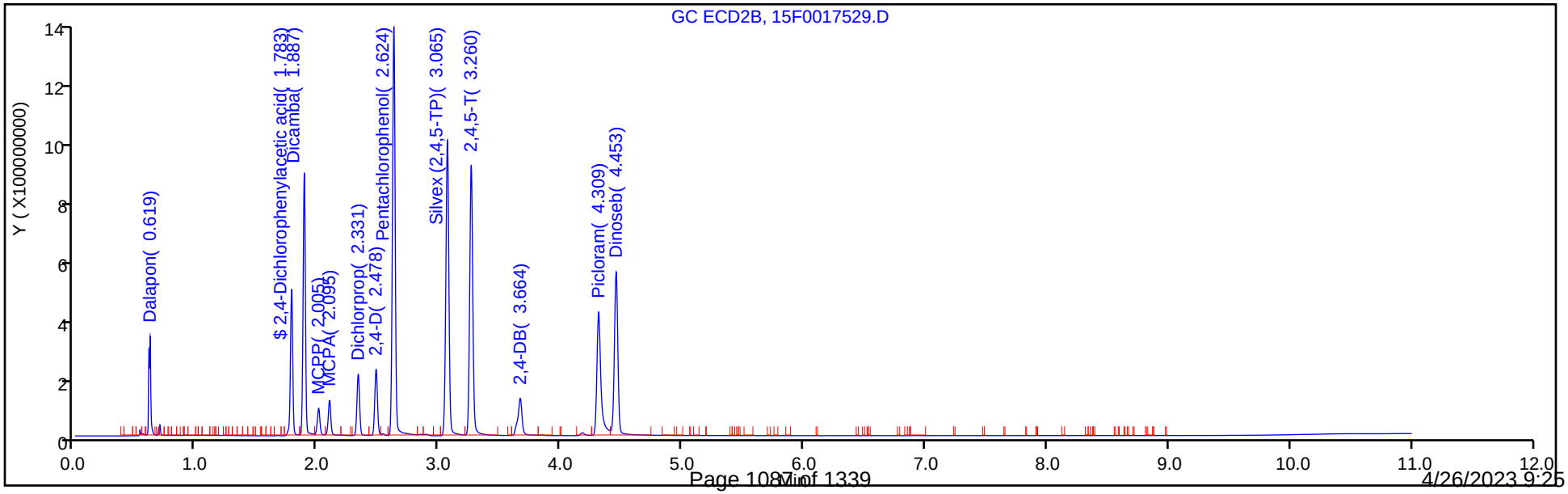
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Injection Date:	28-Nov-2022 12:42:00	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 6			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91683

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880013/2	15F0017524.D
Level 2	IC 460-880013/3	15F0017525.D
Level 3	IC 460-880013/4	15F0017526.D
Level 4	IC 460-880013/5	15F0017527.D
Level 5	IC 460-880013/6	15F0017528.D
Level 6	IC 460-880013/7	15F0017529.D

ANALYTE	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6					RT WINDOW	AVG RT
Dalapon	0.617	0.617	0.609	0.619	0.618	0.619					0.549 - 0.689	0.617
Dicamba	1.886	1.886	1.885	1.887	1.888	1.887					1.817 - 1.957	1.887
Mecoprop	2.004	2.004	2.004	2.005	2.006	2.005					1.935 - 2.075	2.005
MCPA	2.094	2.093	2.093	2.095	2.095	2.095					2.025 - 2.165	2.094
Dichlorprop	2.331	2.331	2.330	2.331	2.332	2.331					2.261 - 2.401	2.331
2,4-D	2.479	2.477	2.477	2.478	2.479	2.478					2.408 - 2.548	2.478
Pentachlorophenol	2.623	2.623	2.622	2.624	2.625	2.624					2.554 - 2.694	2.624
Silvex (2,4,5-TP)	3.063	3.063	3.063	3.065	3.065	3.065					2.995 - 3.135	3.064
2,4,5-T	3.261	3.261	3.260	3.261	3.262	3.260					3.191 - 3.331	3.261
2,4-DB	3.664	3.665	3.664	3.665	3.665	3.664					3.595 - 3.735	3.665
Picloram	4.311	4.310	4.311	4.310	4.310	4.309					4.240 - 4.380	4.310
Dinoseb	4.453	4.452	4.451	4.454	4.455	4.453					4.384 - 4.524	4.453
2,4-Dichlorophenylacetic acid	1.783	1.782	1.782	1.783	1.784	1.783					1.713 - 1.853	1.783

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91683

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880013/2	15F0017524.D
Level 2	IC 460-880013/3	15F0017525.D
Level 3	IC 460-880013/4	15F0017526.D
Level 4	IC 460-880013/5	15F0017527.D
Level 5	IC 460-880013/6	15F0017528.D
Level 6	IC 460-880013/7	15F0017529.D

ANALYTE	CF				CURVE TYPE	COEFFICIENT			#	MIN CF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 5	LVL 2 LVL 6	LVL 3	LVL 4		B	M1	M2								
Dalapon	633903 391213	441726 355810	474098	375566	Lin2	29459243.6	330822.188							0.9940		0.9900
Dicamba	1298976 1156113	1153867 1146433	1157099	1080247	Ave		1165455.68				6.2		20.0			
Mecoprop	1895.4 1452.3	1626.5 1431.7	1612.9	1462.9	Ave		1580.2816 2				11.1		20.0			
MCPA	2578.3 1805.0	2077.6 1760.1	2031.5	1824.6	Ave		2012.8234 1				15.2		20.0			
Dichlorprop	390356 320445	335651 307462	331447	306784	Ave		332023.951				9.3		20.0			
2,4-D	419973 350581	361520 336185	359883	336490	Ave		360772.001				8.6		20.0			
Pentachlorophenol	4604831 4327008	4172934 4302101	4215863	4108573	Ave		4288551.53				4.1		20.0			
Silvex (2,4,5-TP)	1978566 1720860	1719996 1688252	1700817	1652851	Ave		1743557.00				6.8		20.0			
2,4,5-T	1856748 1635915	1580993 1596601	1585649	1534279	Ave		1631697.56				7.0		20.0			
2,4-DB	374145 299762	309328 303536	312353	316208	Ave		319221.942				8.6		20.0			
Picloram	2153151 2073365	1926659 1996999	1873503	1982473	Ave		2001024.82				5.0		20.0			
Dinoseb	1294660 1120267	1104401 1082519	1110478	1058579	Ave		1128483.97				7.5		20.0			
2,4-Dichlorophenylacetic acid	381145 325165	331670 318065	333004	307578	Ave		332771.398				7.7		20.0			

Note: The M1 coefficient is the same as Ave CF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91683

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 460-880013/2	15F0017524.D
Level 2	IC 460-880013/3	15F0017525.D
Level 3	IC 460-880013/4	15F0017526.D
Level 4	IC 460-880013/5	15F0017527.D
Level 5	IC 460-880013/6	15F0017528.D
Level 6	IC 460-880013/7	15F0017529.D

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dalapon	Lin2	63390251 355810074	88345191	118524474	187783011	293409765	100 1000	200	250	500	750
Dicamba	Ave	129897555 1146433127	230773364	289274636	540123666	867084538	100 1000	200	250	500	750
Mecoprop	Ave	18775410 141817956	32223409	39941274	72453482	107896378	9906 99057	19811	24764	49528	74292
MCPA	Ave	25865771 176568889	41684022	50949036	91520435	135806209	10032 100320	20064	25080	50160	75240
Dichlorprop	Ave	39016068 307307846	67096537	82820235	153315157	240213878	100.0 1000	200	250	500	750
2,4-D	Ave	42396251 339379080	72990851	90825538	169843168	265433758	101 1010	202	252	505	757
Pentachlorophenol	Ave	230149468 2150189868	417126444	526772132	1026732280	1621978859	50.0 500	100.0	125	250	375
Silvex (2,4,5-TP)	Ave	199835189 1705134663	347439134	429456192	834689917	1303551455	101 1010	202	253	505	758
2,4,5-T	Ave	185674824 1596600736	316198679	396412187	767139663	1226936165	100 1000	200	250	500	750
2,4-DB	Ave	37414531 303535581	61865545	78088318	158104096	224821178	100 1000	200	250	500	750

FORM VI
HERBICIDES BY EXTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Edison Job No.: 460-278409-1 Analy Batch No.: 880013

SDG No.:

Instrument ID: CPESTGC15 GC Column: CLP-2 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 11/28/2022 11:34 Calibration End Date: 11/28/2022 12:42 Calibration ID: 91683

ANALYTE	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
		LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Picloram	Ave	101757915 943781540	182107813	221354326	468458374	734904128	47.3 473	94.5	118	236	354
Dinoseb	Ave	130760626 1093344130	223088980	280395779	534582627	848601903	101 1010	202	253	505	758
2,4-Dichlorophenylacetic acid	Ave	76229099 636130488	132668138	166502066	307577896	487747914	200 2000	400	500	1000	1500

Curve Type Legend

Ave = Average
Lin2 = Linear 1/conc^2

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017524.D
Lims ID: IC HERB 1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Nov-2022 11:34:04 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-002
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:23 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.624	0.626	-0.002	84761721	100.0	100.0	
2	0.617	0.619	-0.002	63390251	100.0	102.6	
						RPD = 2.53	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.116	2.117	-0.001	90613591	200.0	239.0	
2	1.783	1.783	0.000	76229099	200.0	229.1	
						RPD = 4.24	
1 Dicamba							
1	2.236	2.237	-0.001	159248736	100.0	115.6	
2	1.886	1.887	-0.001	129897555	100.0	111.5	
						RPD = 3.62	
9 MCPP							
1	2.313	2.313	0.000	14322089	9905.7	9764.3	
2	2.004	2.005	-0.001	18775410	9905.7	11881	
						RPD = 19.56	
3 MCPA							
1	2.476	2.478	-0.002	23308413	10032	11729	
2	2.094	2.095	-0.001	25865771	10032	12850	
						RPD = 9.12	
5 Dichlorprop							
1	2.715	2.716	-0.001	46475252	100.0	118.5	
2	2.331	2.331	0.000	39016068	100.0	117.5	
						RPD = 0.82	
8 2,4-D							
1	2.946	2.947	-0.001	53594196	101.0	118.8	
2	2.479	2.478	0.001	42396251	101.0	117.5	
						RPD = 1.05	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.212	3.213	-0.001	292865248	50.0	54.6	
2	2.623	2.624	-0.001	230149468	50.0	53.7	
						RPD = 1.68	
2 Silvex (2,4,5-TP)							
1	3.549	3.551	-0.002	244009980	101.0	121.8	
2	3.063	3.065	-0.002	199835189	101.0	114.6	
						RPD = 6.04	
4 2,4,5-T							
1	3.849	3.851	-0.002	239222140	100.0	117.2	
2	3.261	3.261	0.000	185674824	100.0	113.8	
						RPD = 2.96	
6 2,4-DB							
1	4.248	4.248	0.000	31625025	100.0	111.3	
2	3.664	3.665	-0.001	37414531	100.0	117.2	
						RPD = 5.16	
13 Dinoseb							
1	4.461	4.462	-0.001	149140959	101.0	117.7	
2	4.453	4.454	-0.001	130760626	101.0	115.9	
						RPD = 1.61	
7 Picloram							
1	5.243	5.245	-0.002	152608629	47.3	51.6	
2	4.311	4.310	0.001	101757915	47.3	50.9	
						RPD = 1.41	

Reagents:

SGHERBL1_00003 Amount Added: 1.00 Units: mL

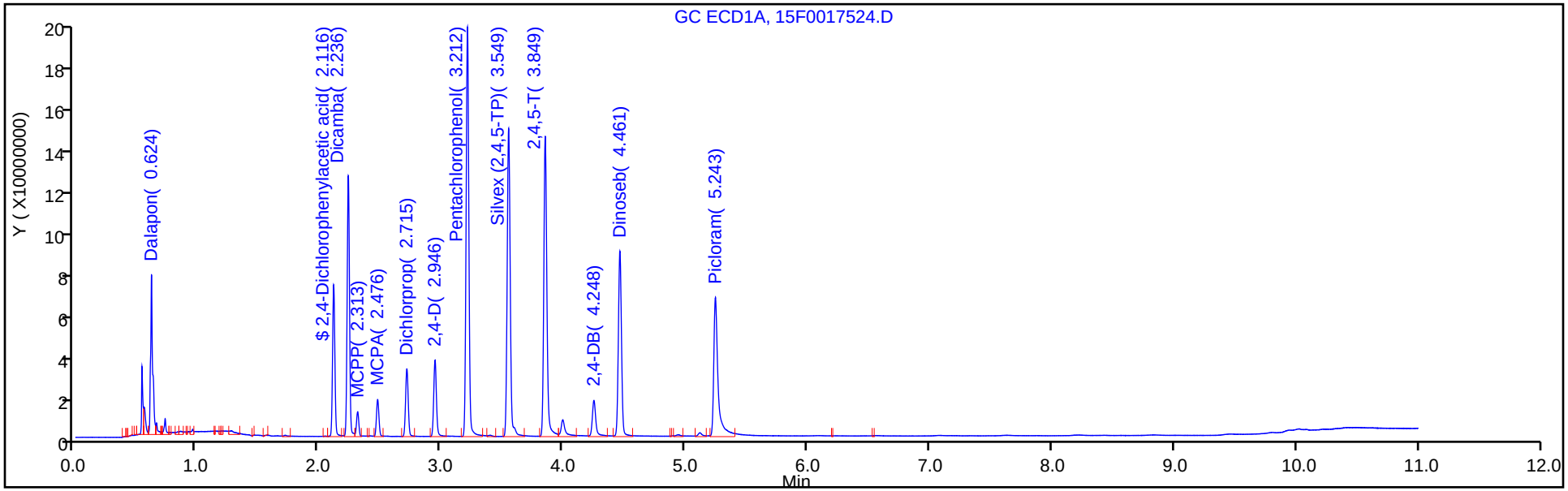
Report Date: 28-Nov-2022 14:13:23 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

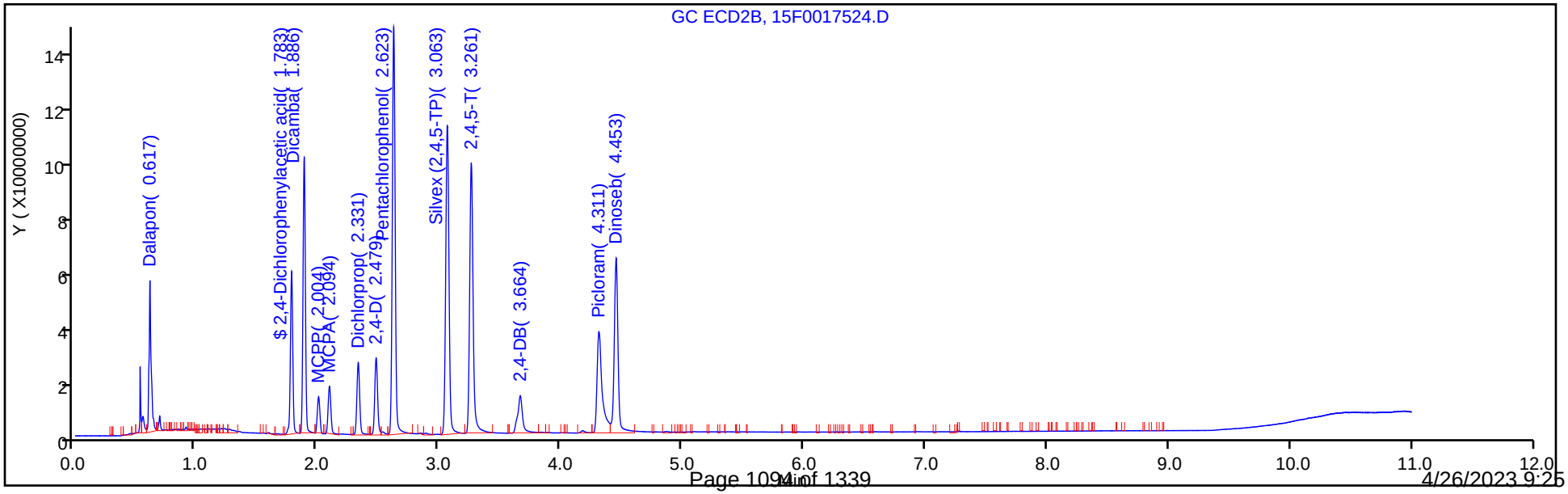
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017524.D

Injection Date:	28-Nov-2022 11:34:04	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 1			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017525.D
Lims ID: IC HERB 2
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Nov-2022 11:47:34 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-003
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:26 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:33:09

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.624	0.626	-0.002	129365900	200.0	194.8	M
2	0.617	0.619	-0.002	88345191	200.0	178.0	M
						RPD = 9.02	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.116	2.117	-0.001	154772873	400.0	408.2	
2	1.782	1.783	-0.001	132668138	400.0	398.7	
						RPD = 2.37	
1 Dicamba							
1	2.236	2.237	-0.001	277560922	200.0	201.4	
2	1.886	1.887	-0.001	230773364	200.0	198.0	
						RPD = 1.71	
9 MCPP							
1	2.312	2.313	-0.001	28142431	19811	19187	
2	2.004	2.005	-0.001	32223409	19811	20391	
						RPD = 6.09	
3 MCPA							
1	2.476	2.478	-0.002	40684964	20064	20474	
2	2.093	2.095	-0.002	41684022	20064	20709	
						RPD = 1.14	
5 Dichlorprop							
1	2.716	2.716	0.000	79950104	199.9	203.8	
2	2.331	2.331	0.000	67096537	199.9	202.1	
						RPD = 0.85	
8 2,4-D							
1	2.946	2.947	-0.001	92031983	201.9	203.9	
2	2.477	2.478	-0.001	72990851	201.9	202.3	
						RPD = 0.79	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.212	3.213	-0.001	534399432	100.0	99.6	
2	2.623	2.624	-0.001	417126444	100.0	97.3	
						RPD = 2.36	
2 Silvex (2,4,5-TP)							
1	3.550	3.551	-0.001	407408297	202.0	203.3	
2	3.063	3.065	-0.002	347439134	202.0	199.3	
						RPD = 1.99	
4 2,4,5-T							
1	3.850	3.851	-0.001	410014324	200.0	200.9	
2	3.261	3.261	0.000	316198679	200.0	193.8	
						RPD = 3.60	
6 2,4-DB							
1	4.247	4.248	-0.001	54583556	200.0	192.1	
2	3.665	3.665	0.000	61865545	200.0	193.8	
						RPD = 0.87	
13 Dinoseb							
1	4.461	4.462	-0.001	251464699	202.0	198.5	
2	4.452	4.454	-0.002	223088980	202.0	197.7	
						RPD = 0.43	
7 Picloram							
1	5.244	5.245	-0.001	273180515	94.5	92.3	
2	4.310	4.310	0.000	182107813	94.5	91.0	
						RPD = 1.44	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL2_00002 Amount Added: 1.00 Units: mL

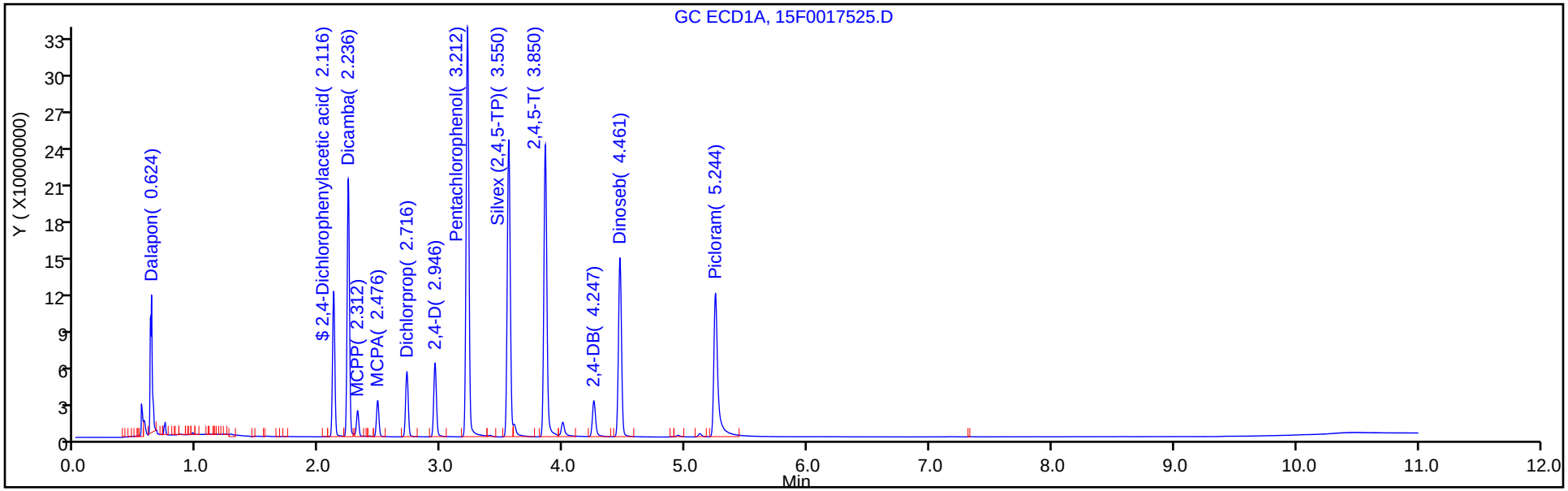
Report Date: 28-Nov-2022 14:13:27 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

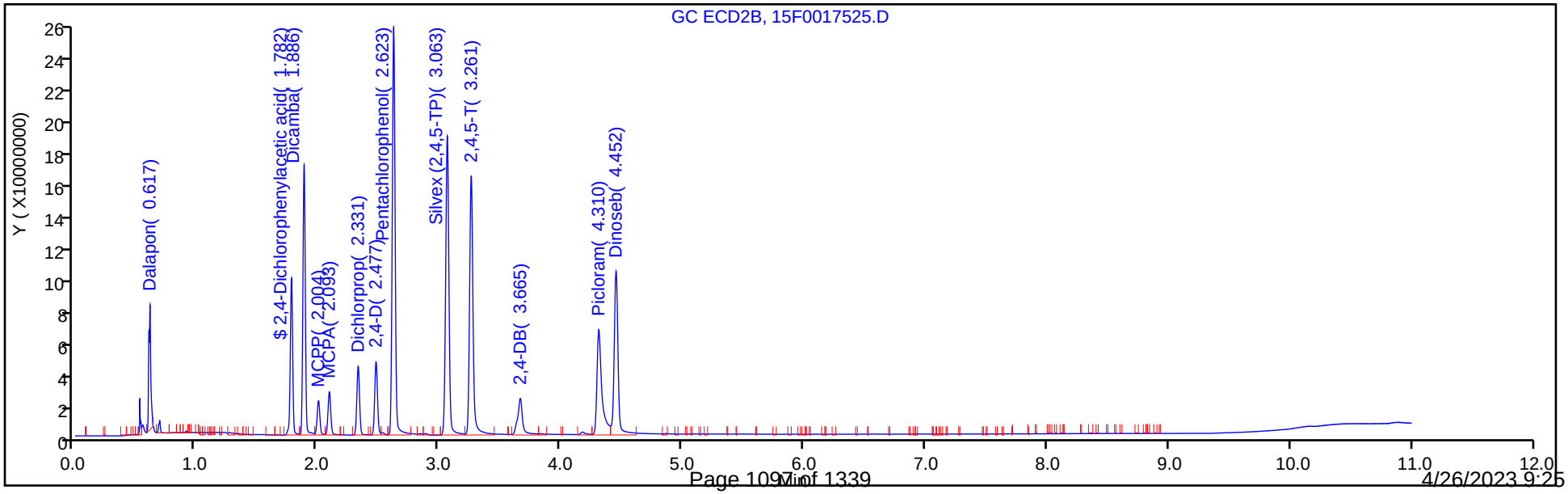
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017525.D

Injection Date:	28-Nov-2022 11:47:34	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 2			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017526.D
Lims ID: IC HERB 3
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Nov-2022 12:01:07 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-004
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:29 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:33:40

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.616	0.616	0.000	161643431	250.0	263.4	M
2	0.609	0.609	0.000	118524474	250.0	269.2	M
						RPD = 2.18	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.116	2.116	0.000	192448860	500.0	507.6	
2	1.782	1.782	0.000	166502066	500.0	500.3	
						RPD = 1.44	
1 Dicamba							
1	2.236	2.236	0.000	349871952	250.0	253.9	
2	1.885	1.885	0.000	289274636	250.0	248.2	
						RPD = 2.27	
9 MCPP							
1	2.313	2.313	0.000	35602503	24764	24273	
2	2.004	2.004	0.000	39941274	24764	25275	
						RPD = 4.05	
3 MCPA							
1	2.476	2.476	0.000	50771874	25080	25550	
2	2.093	2.093	0.000	50949036	25080	25312	
						RPD = 0.93	
5 Dichlorprop							
1	2.716	2.716	0.000	99130271	249.9	252.7	
2	2.330	2.330	0.000	82820235	249.9	249.4	
						RPD = 1.30	
8 2,4-D							
1	2.946	2.946	0.000	114162431	252.4	253.0	
2	2.477	2.477	0.000	90825538	252.4	251.8	
						RPD = 0.48	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.213	3.213	0.000	670231781	125.0	124.9	
2	2.622	2.622	0.000	526772132	125.0	122.8	
						RPD = 1.67	
2 Silvex (2,4,5-TP)							
1	3.550	3.550	0.000	504212226	252.5	251.6	
2	3.063	3.063	0.000	429456192	252.5	246.3	
						RPD = 2.12	
4 2,4,5-T							
1	3.850	3.850	0.000	508618221	250.0	249.2	
2	3.260	3.260	0.000	396412187	250.0	242.9	
						RPD = 2.55	
6 2,4-DB							
1	4.248	4.248	0.000	68964351	250.0	242.7	
2	3.664	3.664	0.000	78088318	250.0	244.6	
						RPD = 0.78	
13 Dinoseb							
1	4.462	4.462	0.000	315336378	252.5	249.0	
2	4.451	4.451	0.000	280395779	252.5	248.5	
						RPD = 0.20	
7 Picloram							
1	5.244	5.244	0.000	336549097	118.2	113.7	
2	4.311	4.311	0.000	221354326	118.2	110.6	
						RPD = 2.78	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL3_00002 Amount Added: 1.00 Units: mL

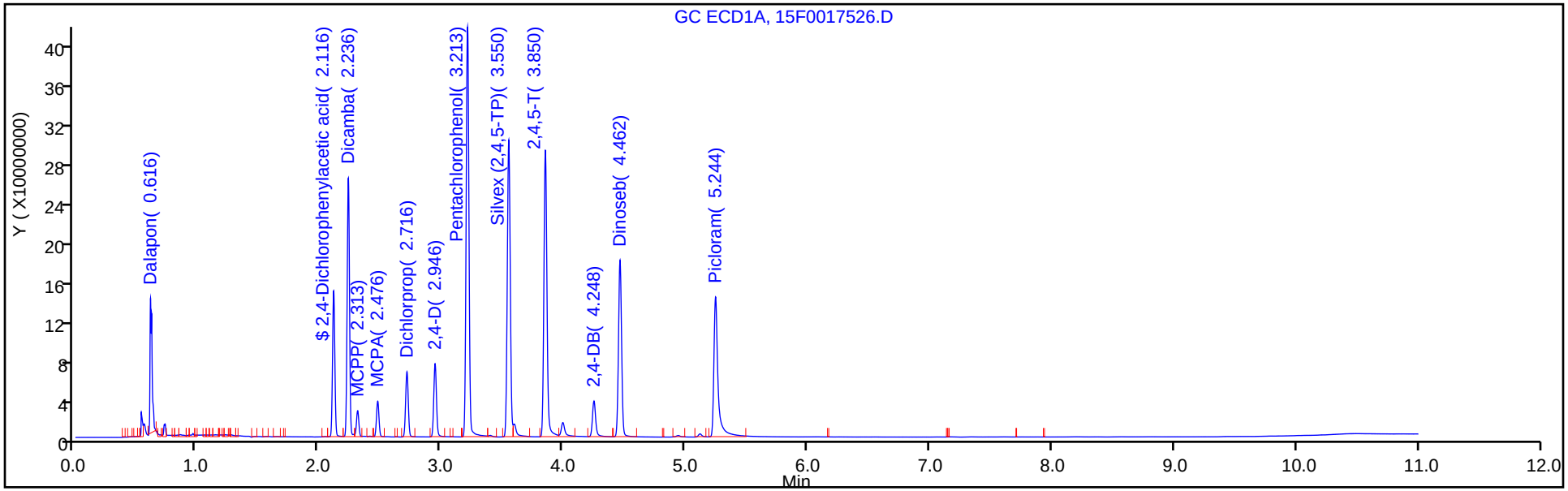
Report Date: 28-Nov-2022 14:13:30 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

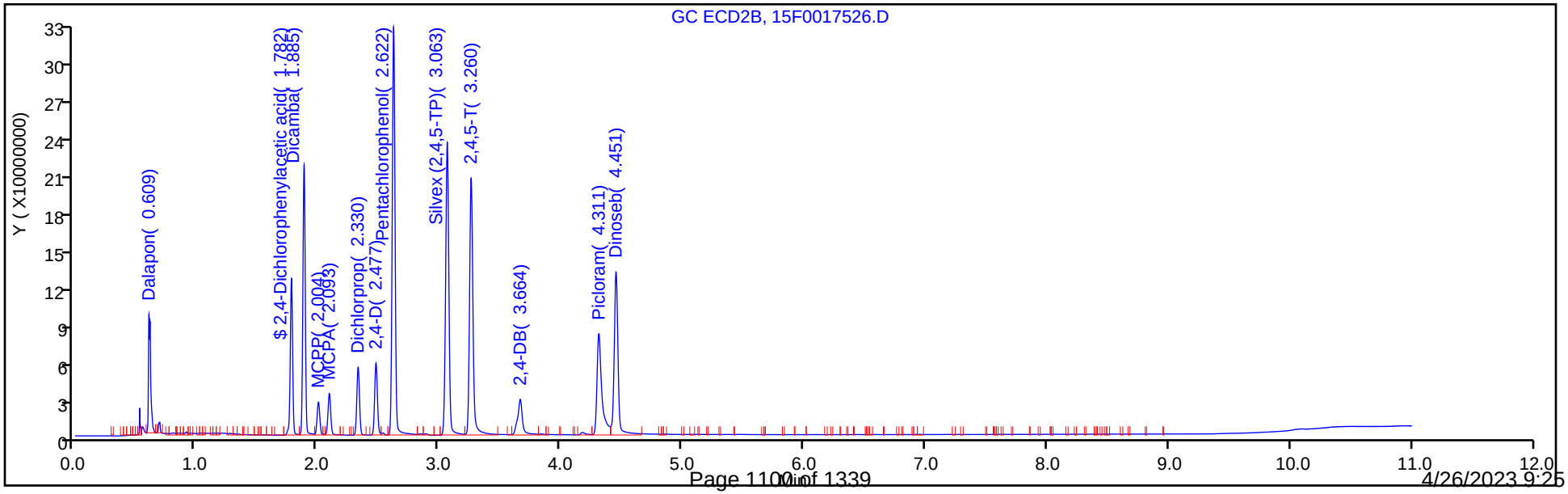
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017526.D

Injection Date:	28-Nov-2022 12:01:07	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 3			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017527.D
Lims ID: IC HERB 4
Client ID:
Sample Type: ICRT Calib Level: 4
Inject. Date: 28-Nov-2022 12:14:43 ALS Bottle#: 5 Worklist Smp#: 5
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-005
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:33 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:34:10

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.626	0.626	0.000	253668819	500.0	459.0	M
2	0.619	0.619	0.000	187783011	500.0	478.6	M
						RPD = 4.17	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.117	2.117	0.000	347554568	1000.0	916.7	
2	1.783	1.783	0.000	307577896	1000.0	924.3	
						RPD = 0.82	
1 Dicamba							
1	2.237	2.237	0.000	641612357	500.0	465.6	
2	1.887	1.887	0.000	540123666	500.0	463.4	
						RPD = 0.47	
9 MCPP							
1	2.313	2.313	0.000	72481031	49528	49415	
2	2.005	2.005	0.000	72453482	49528	45848	
						RPD = 7.49	
3 MCPA							
1	2.478	2.478	0.000	92131563	50160	46363	
2	2.095	2.095	0.000	91520435	50160	45469	
						RPD = 1.95	
5 Dichlorprop							
1	2.716	2.716	0.000	181595608	499.8	462.9	
2	2.331	2.331	0.000	153315157	499.8	461.8	
						RPD = 0.25	
8 2,4-D							
1	2.947	2.947	0.000	213604517	504.8	473.3	
2	2.478	2.478	0.000	169843168	504.8	470.8	
						RPD = 0.54	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.213	3.213	0.000	1286698793	249.9	239.8	
2	2.624	2.624	0.000	1026732280	249.9	239.4	
						RPD = 0.15	
2 Silvex (2,4,5-TP)							
1	3.551	3.551	0.000	921866909	505.0	460.0	
2	3.065	3.065	0.000	834689917	505.0	478.7	
						RPD = 3.99	
4 2,4,5-T							
1	3.851	3.851	0.000	954831550	500.0	467.8	
2	3.261	3.261	0.000	767139663	500.0	470.1	
						RPD = 0.49	
6 2,4-DB							
1	4.248	4.248	0.000	134445355	500.0	473.2	
2	3.665	3.665	0.000	158104096	500.0	495.3	
						RPD = 4.56	
13 Dinoseb							
1	4.462	4.462	0.000	600459749	505.0	474.1	
2	4.454	4.454	0.000	534582627	505.0	473.7	
						RPD = 0.08	
7 Picloram							
1	5.245	5.245	0.000	691987304	236.3	233.9	
2	4.310	4.310	0.000	468458374	236.3	234.1	
						RPD = 0.10	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00002 Amount Added: 1.00 Units: mL

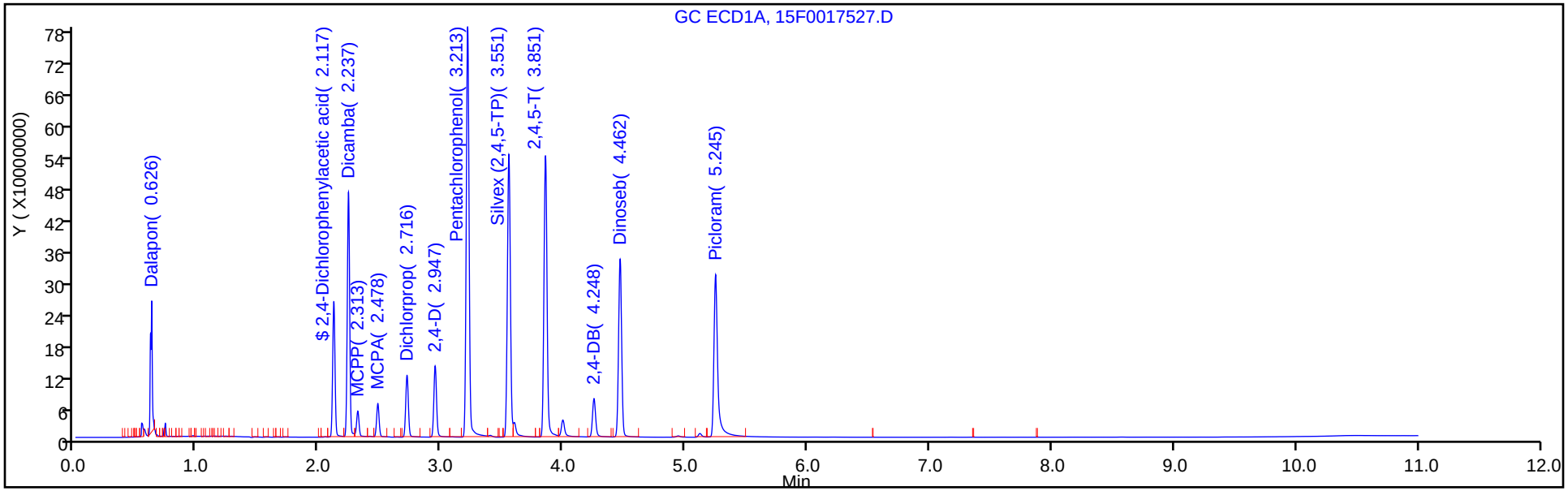
Report Date: 28-Nov-2022 14:13:33 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

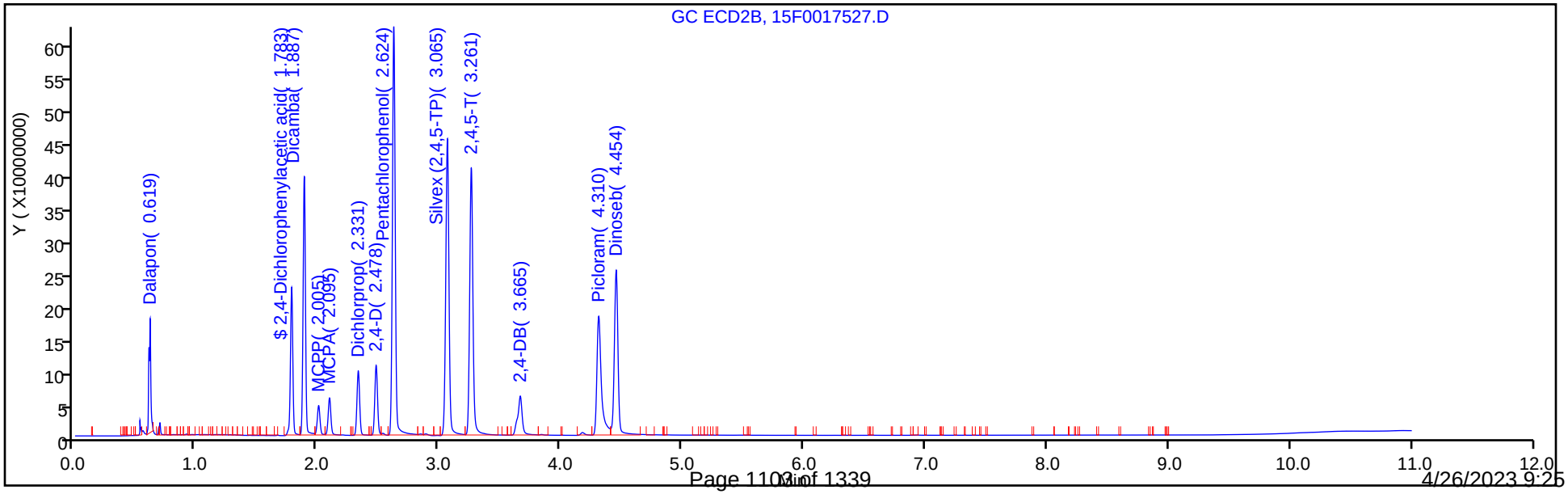
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017527.D

Injection Date:	28-Nov-2022 12:14:43	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 4			Worklist Smp#:	5
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017528.D
Lims ID: IC HERB 5
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 28-Nov-2022 12:28:26 ALS Bottle#: 6 Worklist Smp#: 6
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-006
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:36 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.625	0.626	-0.001	416063989	750.0	804.2	
2	0.618	0.619	-0.001	293409765	750.0	797.9	
						RPD = 0.79	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.117	2.117	0.000	537463076	1500.0	1417.6	
2	1.784	1.783	0.001	487747914	1500.0	1465.7	
						RPD = 3.34	
1 Dicamba							
1	2.238	2.237	0.001	991705372	750.0	719.7	
2	1.888	1.887	0.001	867084538	750.0	744.0	
						RPD = 3.32	
9 MCPP							
1	2.314	2.313	0.001	111543797	74292	76047	
2	2.006	2.005	0.001	107896378	74292	68277	
						RPD = 10.77	
3 MCPA							
1	2.479	2.478	0.001	141622501	75240	71268	
2	2.095	2.095	0.000	135806209	75240	67471	
						RPD = 5.47	
5 Dichlorprop							
1	2.717	2.716	0.001	279321523	749.6	712.1	
2	2.332	2.331	0.001	240213878	749.6	723.5	
						RPD = 1.59	
8 2,4-D							
1	2.947	2.947	0.000	327521152	757.1	725.7	
2	2.479	2.478	0.001	265433758	757.1	735.7	
						RPD = 1.37	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.214	3.213	0.001	1989119990	374.9	370.7	
2	2.625	2.624	0.001	1621978859	374.9	378.2	
						RPD = 2.01	
2 Silvex (2,4,5-TP)							
1	3.552	3.551	0.001	1460527629	757.5	728.8	
2	3.065	3.065	0.000	1303551455	757.5	747.6	
						RPD = 2.56	
4 2,4,5-T							
1	3.850	3.851	-0.001	1488687095	750.0	729.4	
2	3.262	3.261	0.001	1226936165	750.0	751.9	
						RPD = 3.04	
6 2,4-DB							
1	4.248	4.248	0.000	220535648	750.0	776.2	
2	3.665	3.665	0.000	224821178	750.0	704.3	
						RPD = 9.72	
13 Dinoseb							
1	4.462	4.462	0.000	950272297	757.5	750.3	
2	4.455	4.454	0.001	848601903	757.5	752.0	
						RPD = 0.23	
7 Picloram							
1	5.242	5.245	-0.003	1074278458	354.5	363.1	
2	4.310	4.310	0.000	734904128	354.5	367.3	
						RPD = 1.15	

Reagents:

SGHERBL5_00003 Amount Added: 1.00 Units: mL

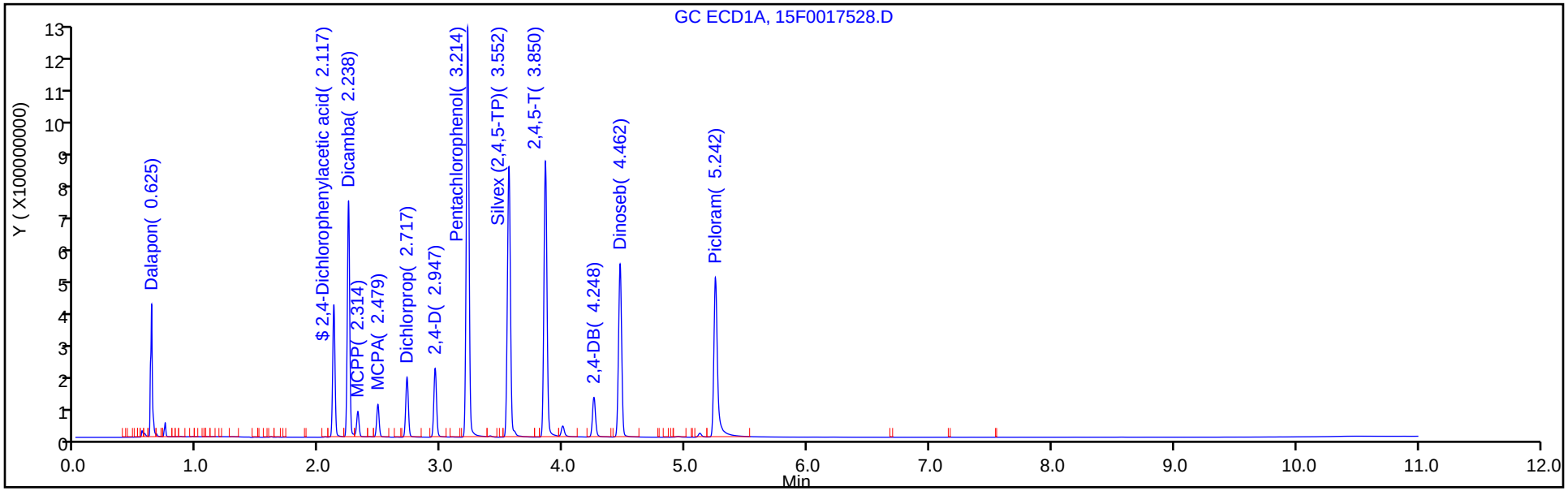
Report Date: 28-Nov-2022 14:13:37 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

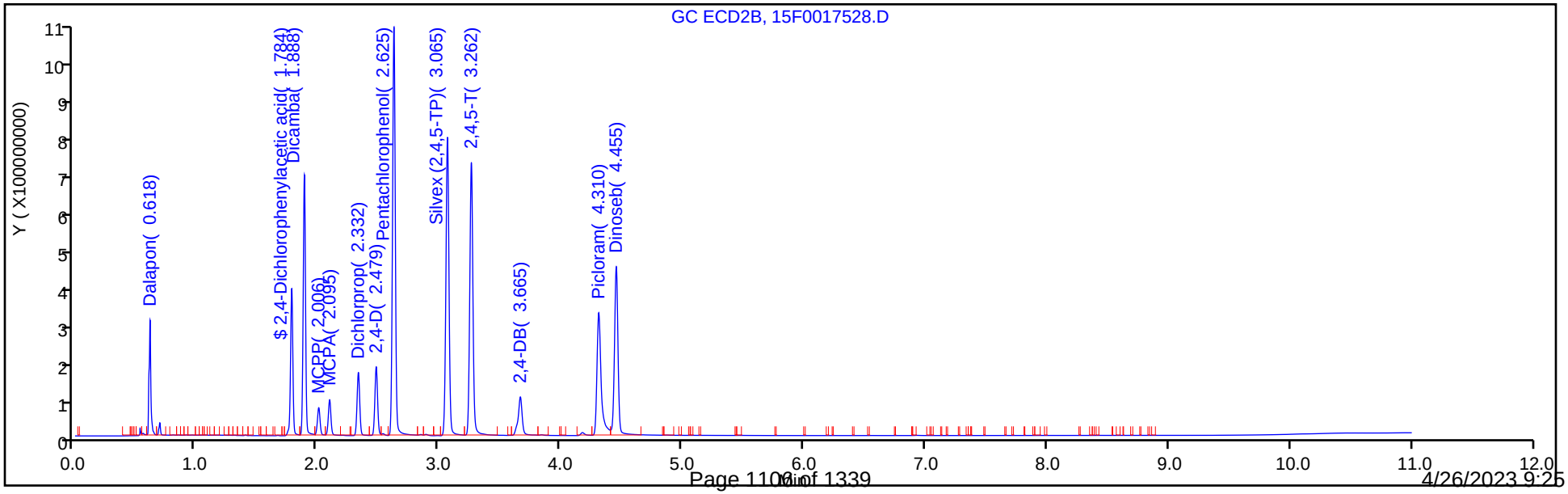
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017528.D

Injection Date:	28-Nov-2022 12:28:26	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 5			Worklist Smp#:	6
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D
Lims ID: IC HERB 6
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-Nov-2022 12:42:00 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-007
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:39 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:35:18

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.626	0.626	0.000	499639779	1000.0	981.9	M
2	0.619	0.619	0.000	355810074	1000.0	986.5	M
						RPD = 0.47	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.117	2.117	0.000	688070504	2000.0	1814.9	
2	1.783	1.783	0.000	636130488	2000.0	1911.6	
						RPD = 5.19	
1 Dicamba							
1	2.237	2.237	0.000	1282603363	1000.0	930.8	
2	1.887	1.887	0.000	1146433127	1000.0	983.7	
						RPD = 5.53	
9 MCPP							
1	2.314	2.313	0.001	151733740	99057	103447	
2	2.005	2.005	0.000	141817956	99057	89742	
						RPD = 14.19	
3 MCPA							
1	2.478	2.478	0.000	183440108	100320	92311	
2	2.095	2.095	0.000	176568889	100320	87722	
						RPD = 5.10	
5 Dichlorprop							
1	2.717	2.716	0.001	355805670	999.5	907.0	
2	2.331	2.331	0.000	307307846	999.5	925.6	
						RPD = 2.02	
8 2,4-D							
1	2.947	2.947	0.000	416834120	1009.5	923.6	
2	2.478	2.478	0.000	339379080	1009.5	940.7	
						RPD = 1.83	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.214	3.213	0.001	2585347182	499.8	481.8	
2	2.624	2.624	0.000	2150189868	499.8	501.4	
						RPD = 3.99	
2 Silvex (2,4,5-TP)							
1	3.552	3.551	0.001	1859969362	1010.0	928.1	
2	3.065	3.065	0.000	1705134663	1010.0	978.0	
						RPD = 5.24	
4 2,4,5-T							
1	3.851	3.851	0.000	1874144332	1000.0	918.3	
2	3.260	3.261	-0.001	1596600736	1000.0	978.5	
						RPD = 6.35	
6 2,4-DB							
1	4.248	4.248	0.000	276757093	1000.0	974.1	
2	3.664	3.665	-0.001	303535581	1000.0	950.9	
						RPD = 2.41	
13 Dinoseb							
1	4.462	4.462	0.000	1197548604	1010.0	945.5	
2	4.453	4.454	-0.001	1093344130	1010.0	968.9	
						RPD = 2.44	
7 Picloram							
1	5.243	5.245	-0.002	1335642383	472.6	451.4	
2	4.309	4.310	-0.001	943781540	472.6	471.6	
						RPD = 4.39	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL6_00001 Amount Added: 1.00 Units: mL

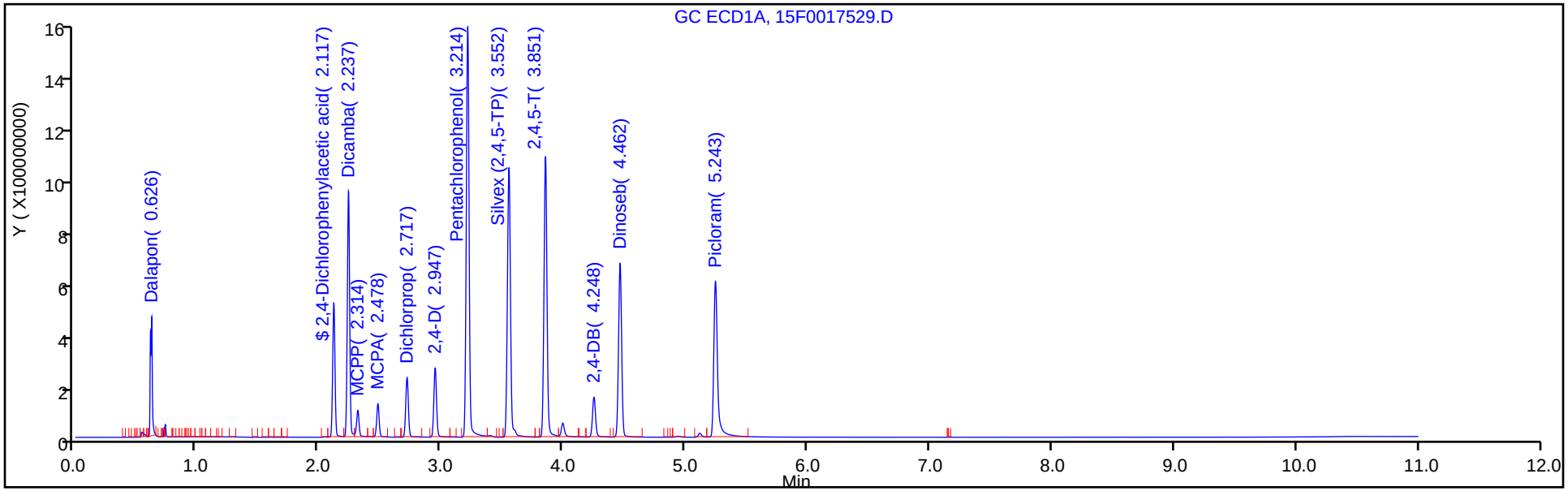
Report Date: 28-Nov-2022 14:13:40 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

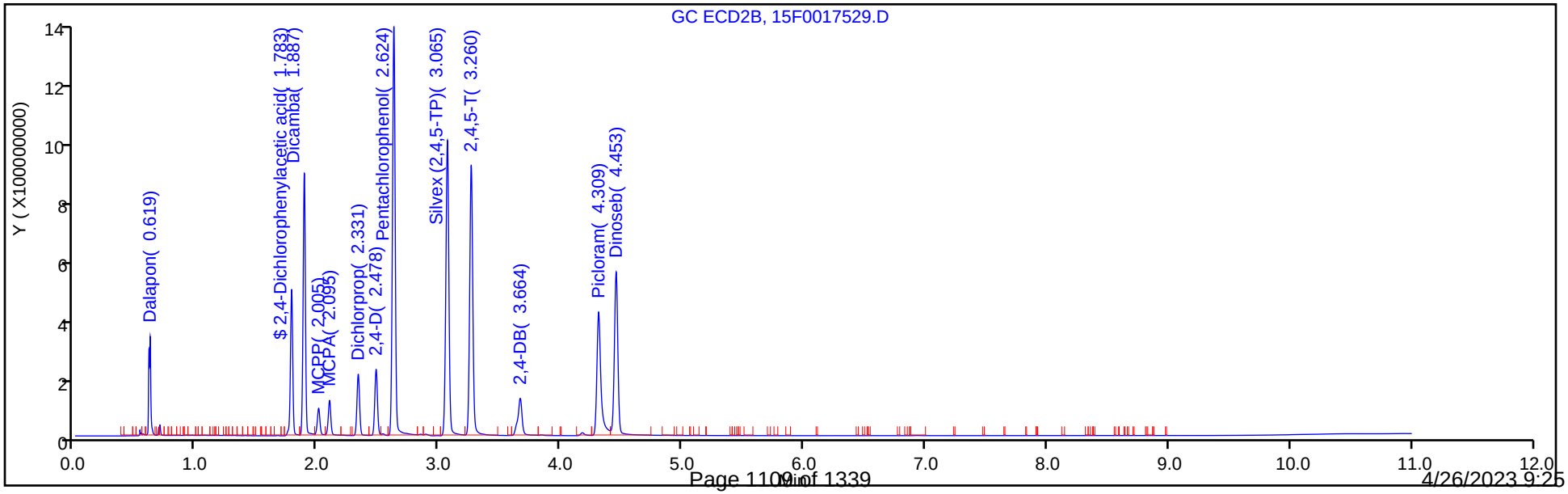
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Injection Date:	28-Nov-2022 12:42:00	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	IC HERB 6			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880013/8 Calibration Date: 11/28/2022 13:37

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0017530.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		571918		528	500	5.5	15.0
Dicamba	Ave	1377980	1366100		496	500	-0.9	15.0
Mecoprop	Ave	1467	1470		49600	49500	0.2	15.0
MCPA	Ave	1987	1882		47500	50200	-5.3	15.0
Dichlorprop	Ave	392271	371430		473	500	-5.3	15.0
2,4-D	Ave	451294	438809		491	505	-2.8	15.0
Silvex (2,4,5-TP)	Ave	2004136	1809375		456	505	-9.7	15.0
2,4,5-T	Ave	2040915	1848041		453	500	-9.5	15.0
2,4-DB	Ave	284120	281941		496	500	-0.8	15.0
Dinoseb	Ave	1266597	1150895		459	505	-9.1	15.0
2,4-Dichlorophenylacetic acid	Ave	379133	434981		1150	1000	14.7	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880013/8 Calibration Date: 11/28/2022 13:37

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0017530.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.62	0.56	0.70
Dicamba	2.23	2.17	2.31
Mecoprop	2.31	2.24	2.38
MCPA	2.47	2.41	2.55
Dichlorprop	2.71	2.65	2.79
2,4-D	2.94	2.88	3.02
Silvex (2,4,5-TP)	3.55	3.48	3.62
2,4,5-T	3.85	3.78	3.92
2,4-DB	4.25	4.18	4.32
Dinoseb	4.46	4.39	4.53
2,4-Dichlorophenylacetic acid	2.11	2.05	2.19

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017530.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Nov-2022 13:37:05 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-008
Operator ID: Instrument ID: CPESTGC15
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:39 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:50:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.624	0.626	-0.002	285959007	500.0	527.7	M
2	0.618	0.619	-0.001	202027285	500.0	521.6	M
						RPD = 1.15	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.112	2.117	-0.005	434980907	1000.0	1147.3	
2	1.790	1.783	0.007	376681903	1000.0	1132.0	
						RPD = 1.35	
1 Dicamba							
1	2.233	2.237	-0.004	683050033	500.0	495.7	
2	1.894	1.887	0.007	561175102	500.0	481.5	
						RPD = 2.90	
9 MCPP							
1	2.309	2.313	-0.004	72818826	49528	49645	
2	2.013	2.005	0.008	76604626	49528	48475	
						RPD = 2.39	
3 MCPA							
1	2.474	2.478	-0.004	94376938	50160	47493	
2	2.103	2.095	0.008	96244332	50160	47816	
						RPD = 0.68	
5 Dichlorprop							
1	2.712	2.716	-0.004	185621970	499.8	473.2	
2	2.340	2.331	0.009	154023793	499.8	463.9	
						RPD = 1.99	
8 2,4-D							
1	2.943	2.947	-0.004	221488742	504.8	490.8	
2	2.488	2.478	0.010	173399098	504.8	480.6	
						RPD = 2.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Silvex (2,4,5-TP)							
1	3.548	3.551	-0.003	913734446	505.0	455.9	
2	3.075	3.065	0.010	807731560	505.0	463.3	
						RPD = 1.60	
4 2,4,5-T							
1	3.847	3.851	-0.004	924020702	500.0	452.7	
2	3.270	3.261	0.009	757583268	500.0	464.3	
						RPD = 2.52	
6 2,4-DB							
1	4.246	4.248	-0.002	140970532	500.0	496.2	
2	3.674	3.665	0.009	169261780	500.0	530.2	
						RPD = 6.64	
13 Dinoseb							
1	4.460	4.462	-0.002	581201729	505.0	458.9	
2	4.463	4.454	0.009	494775174	505.0	438.4	
						RPD = 4.55	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHB MIX ICV_00020 Amount Added: 1.00 Units: mL

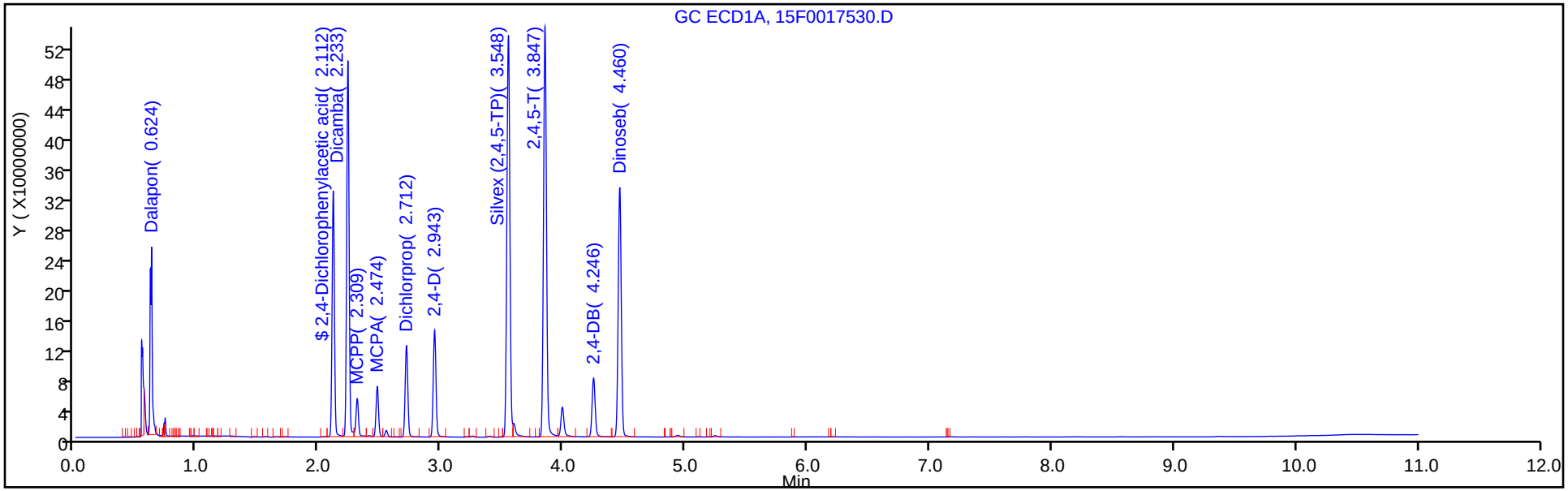
Report Date: 28-Nov-2022 14:14:09 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

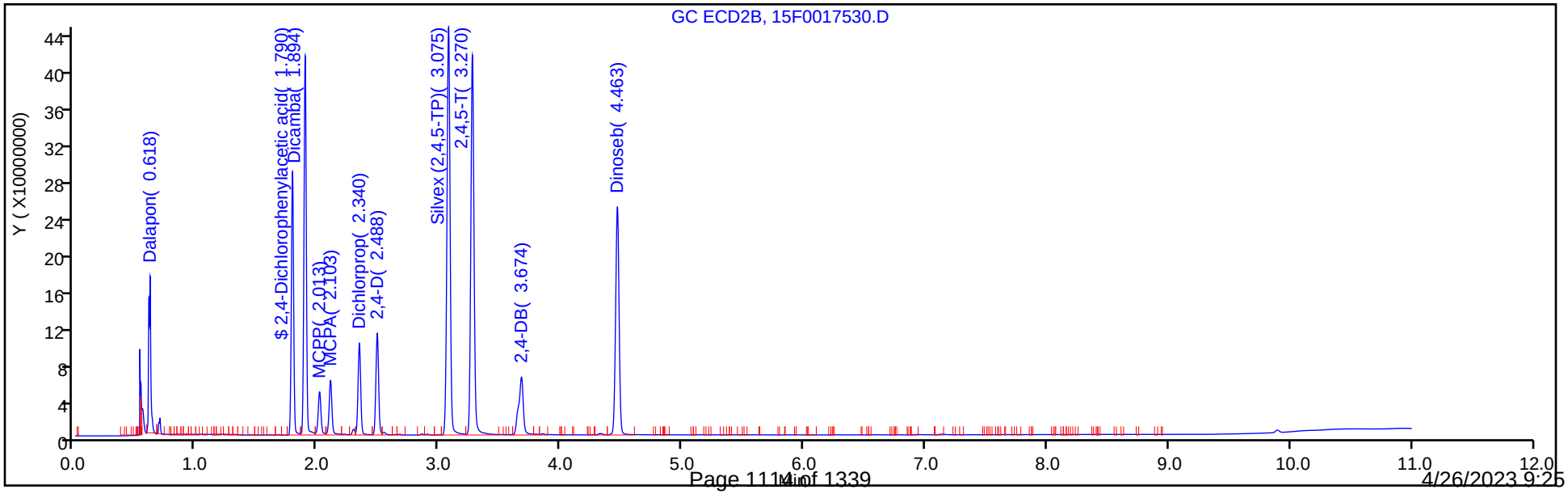
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017530.D

Injection Date:	28-Nov-2022 13:37:05	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880013/8 Calibration Date: 11/28/2022 13:37

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0017530.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		404055		522	500	4.3	15.0
Dicamba	Ave	1165456	1122350		482	500	-3.7	15.0
Mecoprop	Ave	1580	1547		48500	49500	-2.1	15.0
MCPA	Ave	2013	1919		47800	50200	-4.7	15.0
Dichlorprop	Ave	332024	308202		464	500	-7.2	15.0
2,4-D	Ave	360772	343535		481	505	-4.8	15.0
Silvex (2,4,5-TP)	Ave	1743557	1599468		463	505	-8.3	15.0
2,4,5-T	Ave	1631698	1515167		464	500	-7.1	15.0
2,4-DB	Ave	319222	338524		530	500	6.0	15.0
Dinoseb	Ave	1128484	979753		438	505	-13.2	15.0
2,4-Dichlorophenylacetic acid	Ave	332771	376682		1130	1000	13.2	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: ICV 460-880013/8 Calibration Date: 11/28/2022 13:37

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0017530.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.62	0.55	0.69
Dicamba	1.89	1.82	1.96
Mecoprop	2.01	1.94	2.08
MCPA	2.10	2.03	2.17
Dichlorprop	2.34	2.26	2.40
2,4-D	2.49	2.41	2.55
Silvex (2,4,5-TP)	3.08	3.00	3.14
2,4,5-T	3.27	3.19	3.33
2,4-DB	3.67	3.60	3.74
Dinoseb	4.46	4.38	4.52
2,4-Dichlorophenylacetic acid	1.79	1.71	1.85

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017530.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Nov-2022 13:37:05 ALS Bottle#: 8 Worklist Smp#: 8
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0153743-008
Operator ID: Instrument ID: CPESTGC15
Sublist:

Method: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 28-Nov-2022 14:13:39 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1628

First Level Reviewer: SE1K Date: 28-Nov-2022 13:50:51

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.624	0.626	-0.002	285959007	500.0	527.7	M
2	0.618	0.619	-0.001	202027285	500.0	521.6	M
						RPD = 1.15	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.112	2.117	-0.005	434980907	1000.0	1147.3	
2	1.790	1.783	0.007	376681903	1000.0	1132.0	
						RPD = 1.35	
1 Dicamba							
1	2.233	2.237	-0.004	683050033	500.0	495.7	
2	1.894	1.887	0.007	561175102	500.0	481.5	
						RPD = 2.90	
9 MCPP							
1	2.309	2.313	-0.004	72818826	49528	49645	
2	2.013	2.005	0.008	76604626	49528	48475	
						RPD = 2.39	
3 MCPA							
1	2.474	2.478	-0.004	94376938	50160	47493	
2	2.103	2.095	0.008	96244332	50160	47816	
						RPD = 0.68	
5 Dichlorprop							
1	2.712	2.716	-0.004	185621970	499.8	473.2	
2	2.340	2.331	0.009	154023793	499.8	463.9	
						RPD = 1.99	
8 2,4-D							
1	2.943	2.947	-0.004	221488742	504.8	490.8	
2	2.488	2.478	0.010	173399098	504.8	480.6	
						RPD = 2.09	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Silvex (2,4,5-TP)							
1	3.548	3.551	-0.003	913734446	505.0	455.9	
2	3.075	3.065	0.010	807731560	505.0	463.3	
						RPD = 1.60	
4 2,4,5-T							
1	3.847	3.851	-0.004	924020702	500.0	452.7	
2	3.270	3.261	0.009	757583268	500.0	464.3	
						RPD = 2.52	
6 2,4-DB							
1	4.246	4.248	-0.002	140970532	500.0	496.2	
2	3.674	3.665	0.009	169261780	500.0	530.2	
						RPD = 6.64	
13 Dinoseb							
1	4.460	4.462	-0.002	581201729	505.0	458.9	
2	4.463	4.454	0.009	494775174	505.0	438.4	
						RPD = 4.55	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHB MIX ICV_00020 Amount Added: 1.00 Units: mL

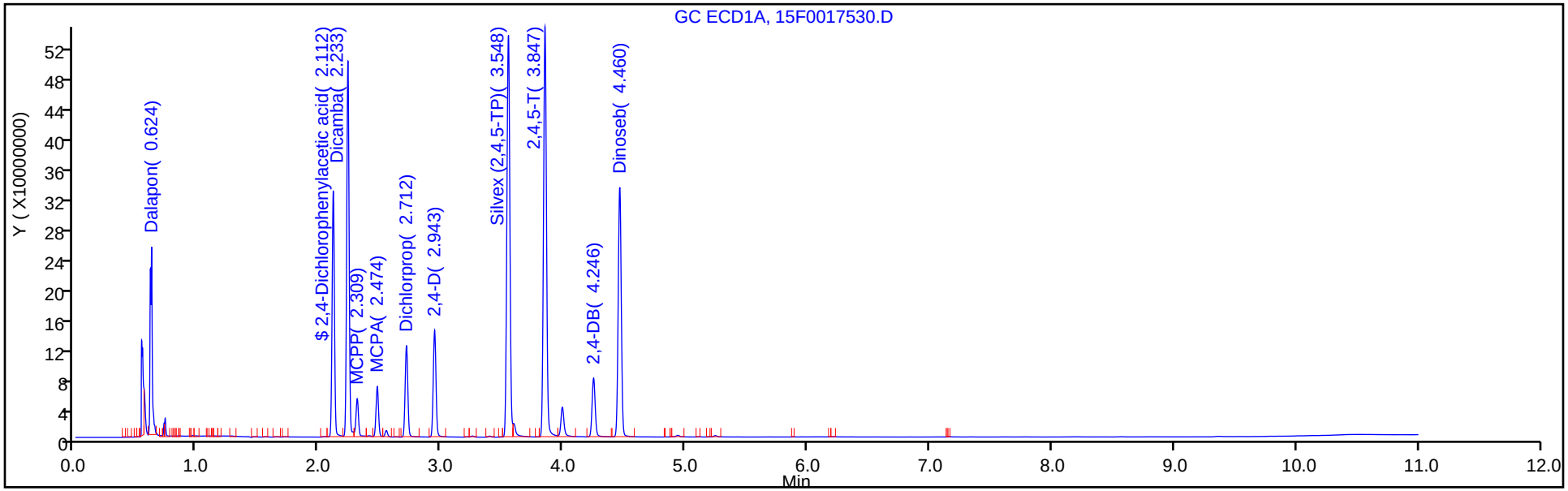
Report Date: 28-Nov-2022 14:14:09 Chrom Revision: 2.3 21-Nov-2022 18:34:02

Eurofins Edison

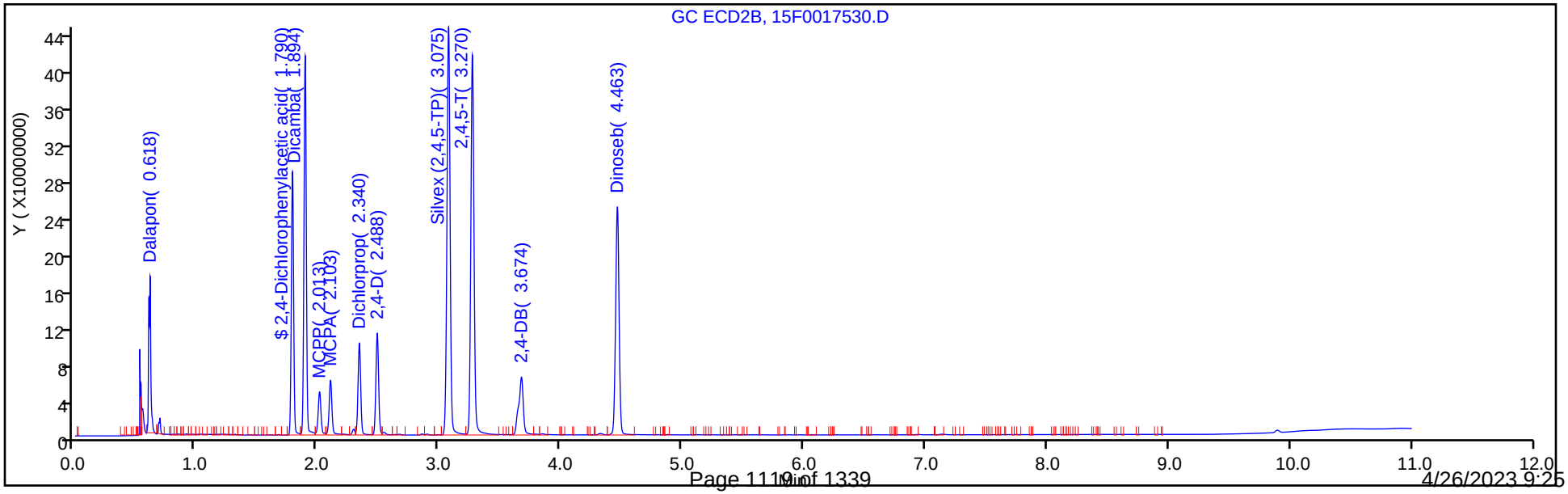
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017530.D

Injection Date:	28-Nov-2022 13:37:05	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	ICV			Worklist Smp#:	8
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-903996/1 Calibration Date: 04/20/2023 06:38

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200578.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		481913		432	500	-13.6	15.0
Dicamba	Ave	1377980	1287678		439	470	-6.6	15.0
Mecoprop	Ave	1467	1299		41200	46600	-11.5	15.0
MCPA	Ave	1987	1773		41600	46700	-10.8	15.0
Dichlorprop	Ave	392271	350514		420	470	-10.6	15.0
2,4-D	Ave	451294	391211		429	495	-13.3	15.0
Pentachlorophenol	Ave	5366307	5101434		215	226	-4.9	15.0
Silvex (2,4,5-TP)	Ave	2004136	1729932		414	480	-13.7	15.0
2,4,5-T	Ave	2040915	1809543		421	475	-11.3	15.0
2,4-DB	Ave	284120	261177		441	480	-8.1	15.0
Dinoseb	Ave	1266597	983521		373	480	-22.3*	15.0
Picloram	Ave	2958871	3093437		221	211	4.5	15.0
2,4-Dichlorophenylacetic acid	Ave	379133	338586		853	955	-10.7	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-903996/1 Calibration Date: 04/20/2023 06:38

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200578.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.61	0.54	0.68
Dicamba	2.17	2.10	2.24
Mecoprop	2.25	2.18	2.32
MCPA	2.41	2.34	2.48
Dichlorprop	2.65	2.58	2.72
2,4-D	2.87	2.80	2.94
Pentachlorophenol	3.14	3.07	3.21
Silvex (2,4,5-TP)	3.47	3.40	3.54
2,4,5-T	3.77	3.70	3.84
2,4-DB	4.17	4.10	4.24
Dinoseb	4.38	4.31	4.45
Picloram	5.16	5.09	5.23
2,4-Dichlorophenylacetic acid	2.05	1.98	2.12

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200578.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 20-Apr-2023 06:38:57 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

First Level Reviewer: SE1K Date: 20-Apr-2023 07:09:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.605	0.605	0.000	240956443	500.0	432.0	M
2	0.606	0.606	0.000	173062384	500.0	434.1	M
						RPD = 0.48	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.054	2.054	0.000	323349562	955.0	852.9	
2	1.751	1.751	0.000	299851943	955.0	901.1	
						RPD = 5.50	
1 Dicamba							
1	2.172	2.172	0.000	605208869	470.0	439.2	
2	1.853	1.853	0.000	541834349	470.0	464.9	
						RPD = 5.69	
9 MCPP							
1	2.247	2.247	0.000	60459948	46550	41220	
2	1.970	1.970	0.000	72699592	46550	46004	
						RPD = 10.97	
3 MCPA							
1	2.409	2.409	0.000	82704652	46650	41619	
2	2.059	2.059	0.000	93309233	46650	46357	
						RPD = 10.77	
5 Dichlorprop							
1	2.646	2.646	0.000	164741461	470.0	420.0	
2	2.293	2.293	0.000	151743928	470.0	457.0	
						RPD = 8.45	
8 2,4-D							
1	2.874	2.874	0.000	193649327	495.0	429.1	
2	2.440	2.440	0.000	161606137	495.0	447.9	
						RPD = 4.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.135	3.135	0.000	1151648634	225.8	214.6	
2	2.581	2.581	0.000	961848039	225.8	224.3	
						RPD = 4.41	
2 Silvex (2,4,5-TP)							
1	3.471	3.471	0.000	830367295	480.0	414.3	
2	3.020	3.020	0.000	803596692	480.0	460.9	
						RPD = 10.64	
4 2,4,5-T							
1	3.771	3.771	0.000	859532882	475.0	421.2	
2	3.216	3.216	0.000	747859018	475.0	458.3	
						RPD = 8.46	
6 2,4-DB							
1	4.165	4.165	0.000	125365163	480.0	441.2	
2	3.618	3.618	0.000	161289961	480.0	505.3	
						RPD = 13.53	
13 Dinoseb							
1	4.378	4.378	0.000	472090241	480.0	372.7	
2	4.398	4.398	0.000	534967114	480.0	474.1	
						RPD = 23.93	
7 Picloram							
1	5.158	5.158	0.000	652715195	211.0	220.6	
2	4.266	4.266	0.000	470532664	211.0	235.1	
						RPD = 6.39	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

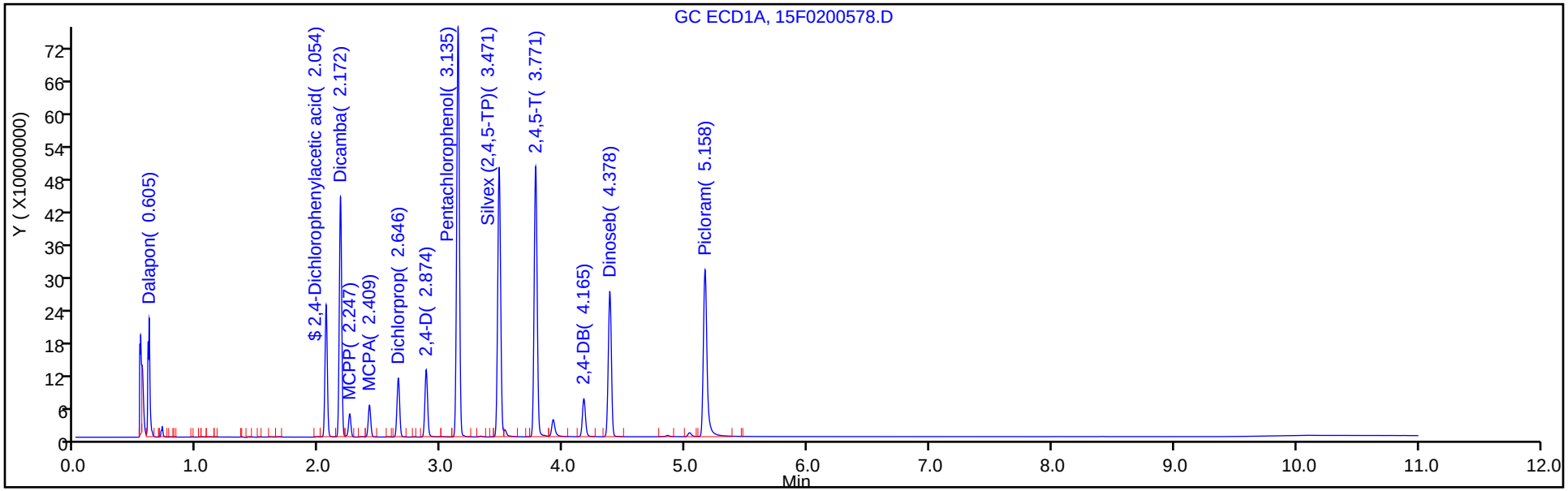
Report Date: 20-Apr-2023 09:01:49 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

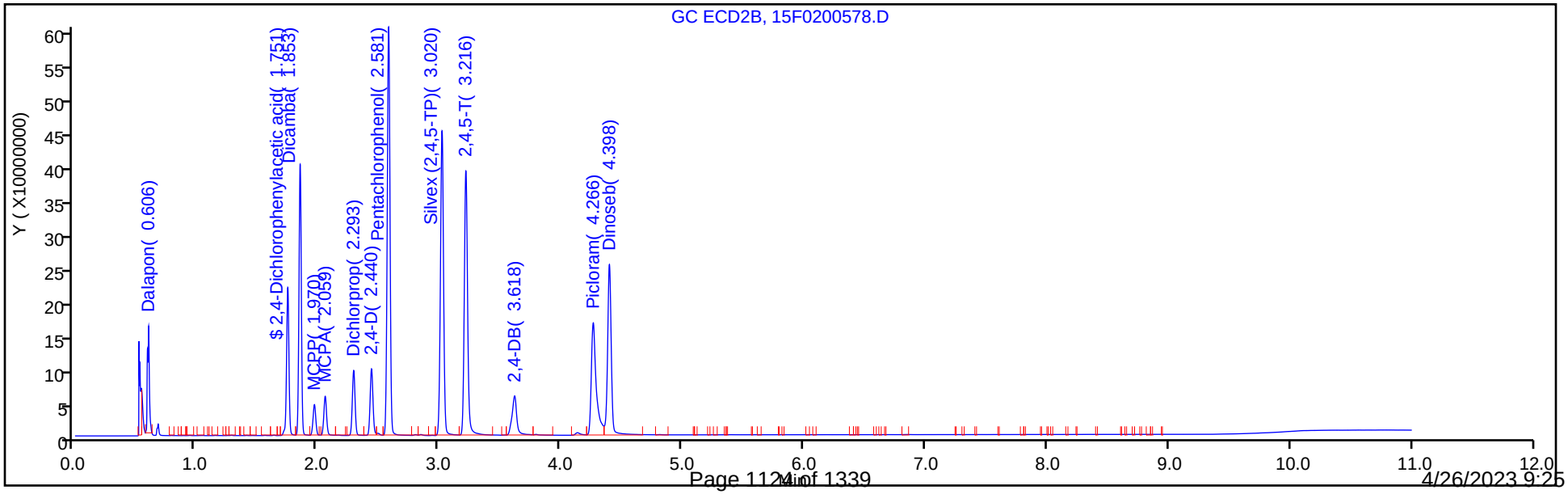
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200578.D

Injection Date:	20-Apr-2023 06:38:57	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCVRT			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-903996/1 Calibration Date: 04/20/2023 06:38

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200578.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		346125		434	500	-13.2	15.0
Dicamba	Ave	1165456	1152839		465	470	-1.1	15.0
Mecoprop	Ave	1580	1562		46000	46600	-1.2	15.0
MCPA	Ave	2013	2000		46400	46700	-0.6	15.0
Dichlorprop	Ave	332024	322859		457	470	-2.8	15.0
2,4-D	Ave	360772	326477		448	495	-9.5	15.0
Pentachlorophenol	Ave	4288552	4260678		224	226	-0.6	15.0
Silvex (2,4,5-TP)	Ave	1743557	1674160		461	480	-4.0	15.0
2,4,5-T	Ave	1631698	1574440		458	475	-3.5	15.0
2,4-DB	Ave	319222	336021		505	480	5.3	15.0
Picloram	Ave	2001025	2230013		235	211	11.4	15.0
Dinoseb	Ave	1128484	1114515		474	480	-1.2	15.0
2,4-Dichlorophenylacetic acid	Ave	332771	313981		901	955	-5.6	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-903996/1 Calibration Date: 04/20/2023 06:38

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200578.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.61	0.54	0.68
Dicamba	1.85	1.78	1.92
Mecoprop	1.97	1.90	2.04
MCPA	2.06	1.99	2.13
Dichlorprop	2.29	2.22	2.36
2,4-D	2.44	2.37	2.51
Pentachlorophenol	2.58	2.51	2.65
Silvex (2,4,5-TP)	3.02	2.95	3.09
2,4,5-T	3.22	3.15	3.29
2,4-DB	3.62	3.55	3.69
Picloram	4.27	4.20	4.34
Dinoseb	4.40	4.33	4.47
2,4-Dichlorophenylacetic acid	1.75	1.68	1.82

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200578.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 20-Apr-2023 06:38:57 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

First Level Reviewer: SE1K Date: 20-Apr-2023 07:09:15

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.605	0.605	0.000	240956443	500.0	432.0	M
2	0.606	0.606	0.000	173062384	500.0	434.1	M
						RPD = 0.48	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.054	2.054	0.000	323349562	955.0	852.9	
2	1.751	1.751	0.000	299851943	955.0	901.1	
						RPD = 5.50	
1 Dicamba							
1	2.172	2.172	0.000	605208869	470.0	439.2	
2	1.853	1.853	0.000	541834349	470.0	464.9	
						RPD = 5.69	
9 MCPP							
1	2.247	2.247	0.000	60459948	46550	41220	
2	1.970	1.970	0.000	72699592	46550	46004	
						RPD = 10.97	
3 MCPA							
1	2.409	2.409	0.000	82704652	46650	41619	
2	2.059	2.059	0.000	93309233	46650	46357	
						RPD = 10.77	
5 Dichlorprop							
1	2.646	2.646	0.000	164741461	470.0	420.0	
2	2.293	2.293	0.000	151743928	470.0	457.0	
						RPD = 8.45	
8 2,4-D							
1	2.874	2.874	0.000	193649327	495.0	429.1	
2	2.440	2.440	0.000	161606137	495.0	447.9	
						RPD = 4.30	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.135	3.135	0.000	1151648634	225.8	214.6	
2	2.581	2.581	0.000	961848039	225.8	224.3	
						RPD = 4.41	
2 Silvex (2,4,5-TP)							
1	3.471	3.471	0.000	830367295	480.0	414.3	
2	3.020	3.020	0.000	803596692	480.0	460.9	
						RPD = 10.64	
4 2,4,5-T							
1	3.771	3.771	0.000	859532882	475.0	421.2	
2	3.216	3.216	0.000	747859018	475.0	458.3	
						RPD = 8.46	
6 2,4-DB							
1	4.165	4.165	0.000	125365163	480.0	441.2	
2	3.618	3.618	0.000	161289961	480.0	505.3	
						RPD = 13.53	
13 Dinoseb							
1	4.378	4.378	0.000	472090241	480.0	372.7	
2	4.398	4.398	0.000	534967114	480.0	474.1	
						RPD = 23.93	
7 Picloram							
1	5.158	5.158	0.000	652715195	211.0	220.6	
2	4.266	4.266	0.000	470532664	211.0	235.1	
						RPD = 6.39	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

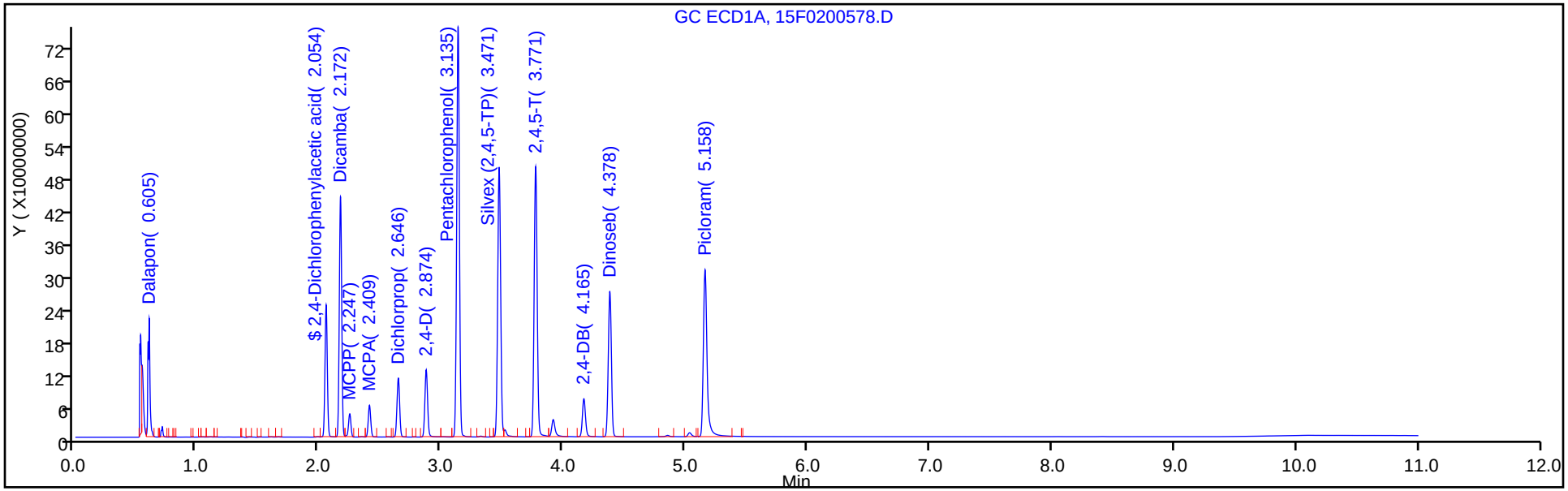
Report Date: 20-Apr-2023 09:01:50 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

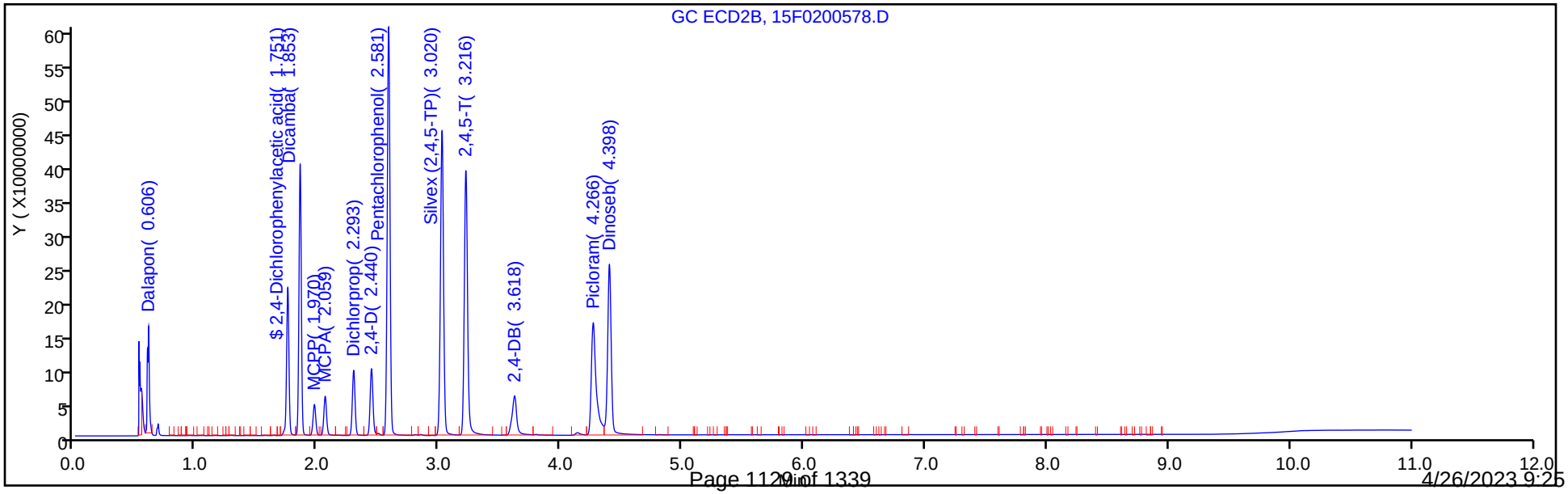
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200578.D

Injection Date:	20-Apr-2023 06:38:57	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCVRT			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903996/7 Calibration Date: 04/20/2023 08:03

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200584.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		500631		452	500	-9.6	15.0
Dicamba	Ave	1377980	1302637		444	470	-5.5	15.0
Mecoprop	Ave	1467	1372		43600	46600	-6.4	15.0
MCPA	Ave	1987	1870		43900	46700	-5.9	15.0
Dichlorprop	Ave	392271	363936		436	470	-7.2	15.0
2,4-D	Ave	451294	417524		458	495	-7.5	15.0
Pentachlorophenol	Ave	5366307	5380206		226	226	0.3	15.0
Silvex (2,4,5-TP)	Ave	2004136	1813331		434	480	-9.5	15.0
2,4,5-T	Ave	2040915	1908582		444	475	-6.5	15.0
2,4-DB	Ave	284120	259291		438	480	-8.7	15.0
Dinoseb	Ave	1266597	1153748		437	480	-8.9	15.0
Picloram	Ave	2958871	3228239		230	211	9.1	15.0
2,4-Dichlorophenylacetic acid	Ave	379133	345970		871	955	-8.7	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903996/7 Calibration Date: 04/20/2023 08:03

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200584.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.61	0.54	0.68
Dicamba	2.18	2.10	2.24
Mecoprop	2.25	2.18	2.32
MCPA	2.41	2.34	2.48
Dichlorprop	2.65	2.58	2.72
2,4-D	2.88	2.80	2.94
Pentachlorophenol	3.14	3.07	3.21
Silvex (2,4,5-TP)	3.48	3.40	3.54
2,4,5-T	3.78	3.70	3.84
2,4-DB	4.17	4.10	4.24
Dinoseb	4.38	4.31	4.45
Picloram	5.17	5.09	5.23
2,4-Dichlorophenylacetic acid	2.06	1.98	2.12

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200584.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 08:03:24 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159303-007
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:58 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

First Level Reviewer: SE1K Date: 20-Apr-2023 08:26:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.607	0.605	0.002	250315616	500.0	451.9	M
2	0.607	0.606	0.001	189809569	500.0	484.7	M
						RPD = 7.00	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.060	2.054	0.006	330401369	955.0	871.5	
2	1.745	1.751	-0.006	315968144	955.0	949.5	
						RPD = 8.57	
1 Dicamba							
1	2.178	2.172	0.006	612239570	470.0	444.3	
2	1.846	1.853	-0.007	565459781	470.0	485.2	
						RPD = 8.80	
9 MCPP							
1	2.253	2.247	0.006	63883989	46550	43554	
2	1.963	1.970	-0.007	74202986	46550	46956	
						RPD = 7.52	
3 MCPA							
1	2.414	2.409	0.005	87245859	46650	43904	
2	2.052	2.059	-0.007	94839746	46650	47118	
						RPD = 7.06	
5 Dichlorprop							
1	2.651	2.646	0.005	171050015	470.0	436.1	
2	2.285	2.293	-0.008	160512592	470.0	483.4	
						RPD = 10.31	
8 2,4-D							
1	2.879	2.874	0.005	206674573	495.0	458.0	
2	2.433	2.440	-0.007	181311313	495.0	502.6	
						RPD = 9.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.140	3.135	0.005	1214581406	225.8	226.3	
2	2.573	2.581	-0.008	1027784945	225.8	239.7	
						RPD = 5.72	
2 Silvex (2,4,5-TP)							
1	3.477	3.471	0.006	870398978	480.0	434.3	
2	3.011	3.020	-0.009	829487361	480.0	475.7	
						RPD = 9.11	
4 2,4,5-T							
1	3.775	3.771	0.004	906576323	475.0	444.2	
2	3.208	3.216	-0.008	805660694	475.0	493.8	
						RPD = 10.57	
6 2,4-DB							
1	4.172	4.165	0.007	124459666	480.0	438.1	
2	3.610	3.618	-0.008	165440773	480.0	518.3	
						RPD = 16.77	
13 Dinoseb							
1	4.383	4.378	0.005	553799159	480.0	437.2	
2	4.389	4.398	-0.009	694804601	480.0	615.7	
						RPD = 33.90	
7 Picloram							
1	5.166	5.158	0.008	681158408	211.0	230.2	
2	4.266	4.266	0.000	367179396	211.0	183.5	
						RPD = 22.58	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

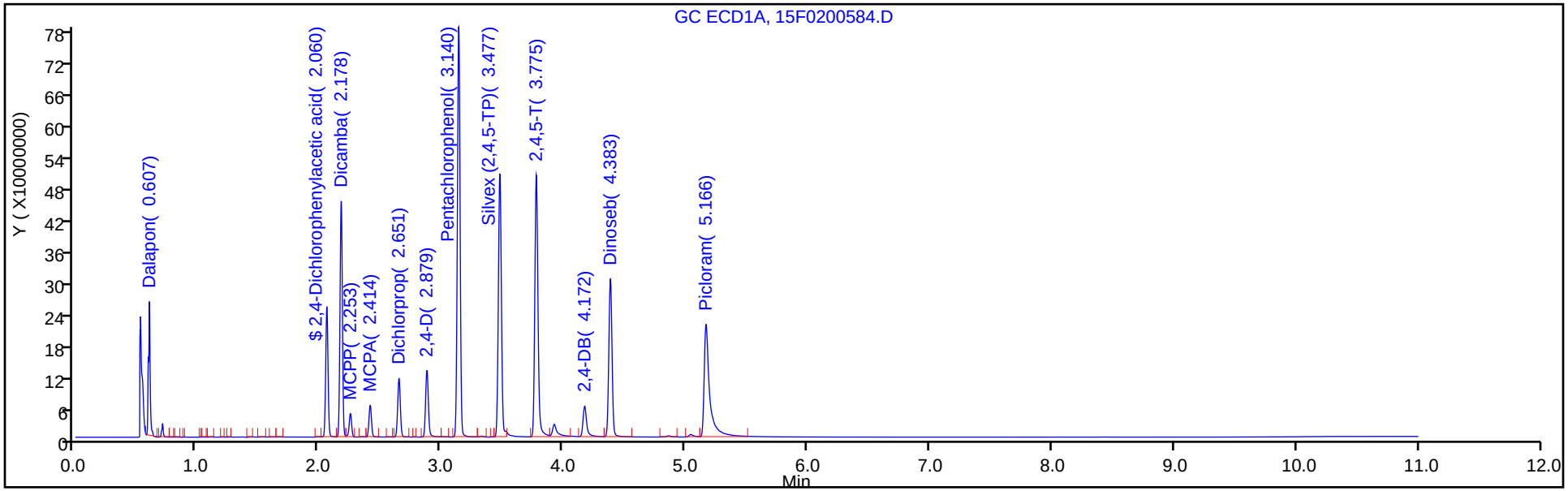
Report Date: 20-Apr-2023 09:01:58 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

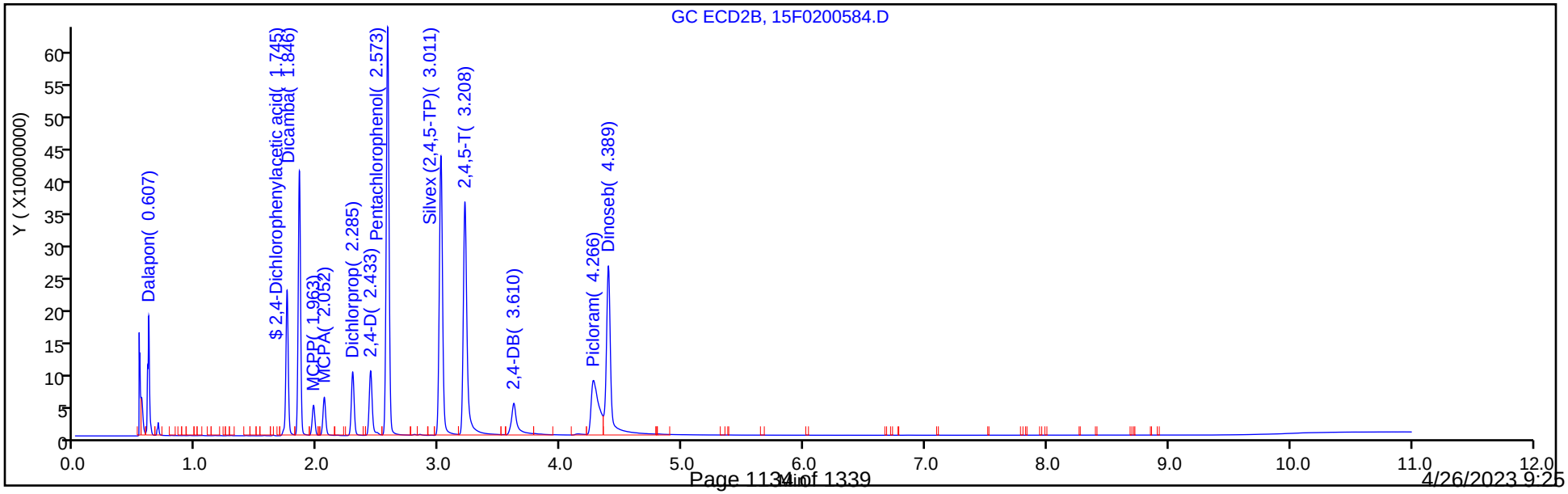
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200584.D

Injection Date:	20-Apr-2023 08:03:24	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903996/7 Calibration Date: 04/20/2023 08:03

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200584.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		379619		485	500	-3.1	15.0
Dicamba	Ave	1165456	1203106		485	470	3.2	15.0
Mecoprop	Ave	1580	1594		47000	46600	0.9	15.0
MCPA	Ave	2013	2033		47100	46700	1.0	15.0
Dichlorprop	Ave	332024	341516		483	470	2.9	15.0
2,4-D	Ave	360772	366285		503	495	1.5	15.0
Pentachlorophenol	Ave	4288552	4552757		240	226	6.2	15.0
Silvex (2,4,5-TP)	Ave	1743557	1728099		476	480	-0.9	15.0
2,4,5-T	Ave	1631698	1696128		494	475	3.9	15.0
2,4-DB	Ave	319222	344668		518	480	8.0	15.0
Picloram	Ave	2001025	1740187		183	211	-13.0	15.0
Dinoseb	Ave	1128484	1447510		616	480	28.3*	15.0
2,4-Dichlorophenylacetic acid	Ave	332771	330857		950	955	-0.6	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-903996/7 Calibration Date: 04/20/2023 08:03

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200584.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.61	0.54	0.68
Dicamba	1.85	1.78	1.92
Mecoprop	1.96	1.90	2.04
MCPA	2.05	1.99	2.13
Dichlorprop	2.29	2.22	2.36
2,4-D	2.43	2.37	2.51
Pentachlorophenol	2.57	2.51	2.65
Silvex (2,4,5-TP)	3.01	2.95	3.09
2,4,5-T	3.21	3.15	3.29
2,4-DB	3.61	3.55	3.69
Picloram	4.27	4.20	4.34
Dinoseb	4.39	4.33	4.47
2,4-Dichlorophenylacetic acid	1.75	1.68	1.82

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200584.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 20-Apr-2023 08:03:24 ALS Bottle#: 7 Worklist Smp#: 7
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159303-007
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:58 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

First Level Reviewer: SE1K Date: 20-Apr-2023 08:26:53

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.607	0.605	0.002	250315616	500.0	451.9	M
2	0.607	0.606	0.001	189809569	500.0	484.7	M
						RPD = 7.00	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.060	2.054	0.006	330401369	955.0	871.5	
2	1.745	1.751	-0.006	315968144	955.0	949.5	
						RPD = 8.57	
1 Dicamba							
1	2.178	2.172	0.006	612239570	470.0	444.3	
2	1.846	1.853	-0.007	565459781	470.0	485.2	
						RPD = 8.80	
9 MCPP							
1	2.253	2.247	0.006	63883989	46550	43554	
2	1.963	1.970	-0.007	74202986	46550	46956	
						RPD = 7.52	
3 MCPA							
1	2.414	2.409	0.005	87245859	46650	43904	
2	2.052	2.059	-0.007	94839746	46650	47118	
						RPD = 7.06	
5 Dichlorprop							
1	2.651	2.646	0.005	171050015	470.0	436.1	
2	2.285	2.293	-0.008	160512592	470.0	483.4	
						RPD = 10.31	
8 2,4-D							
1	2.879	2.874	0.005	206674573	495.0	458.0	
2	2.433	2.440	-0.007	181311313	495.0	502.6	
						RPD = 9.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.140	3.135	0.005	1214581406	225.8	226.3	
2	2.573	2.581	-0.008	1027784945	225.8	239.7	
						RPD = 5.72	
2 Silvex (2,4,5-TP)							
1	3.477	3.471	0.006	870398978	480.0	434.3	
2	3.011	3.020	-0.009	829487361	480.0	475.7	
						RPD = 9.11	
4 2,4,5-T							
1	3.775	3.771	0.004	906576323	475.0	444.2	
2	3.208	3.216	-0.008	805660694	475.0	493.8	
						RPD = 10.57	
6 2,4-DB							
1	4.172	4.165	0.007	124459666	480.0	438.1	
2	3.610	3.618	-0.008	165440773	480.0	518.3	
						RPD = 16.77	
13 Dinoseb							
1	4.383	4.378	0.005	553799159	480.0	437.2	
2	4.389	4.398	-0.009	694804601	480.0	615.7	
						RPD = 33.90	
7 Picloram							
1	5.166	5.158	0.008	681158408	211.0	230.2	
2	4.266	4.266	0.000	367179396	211.0	183.5	
						RPD = 22.58	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

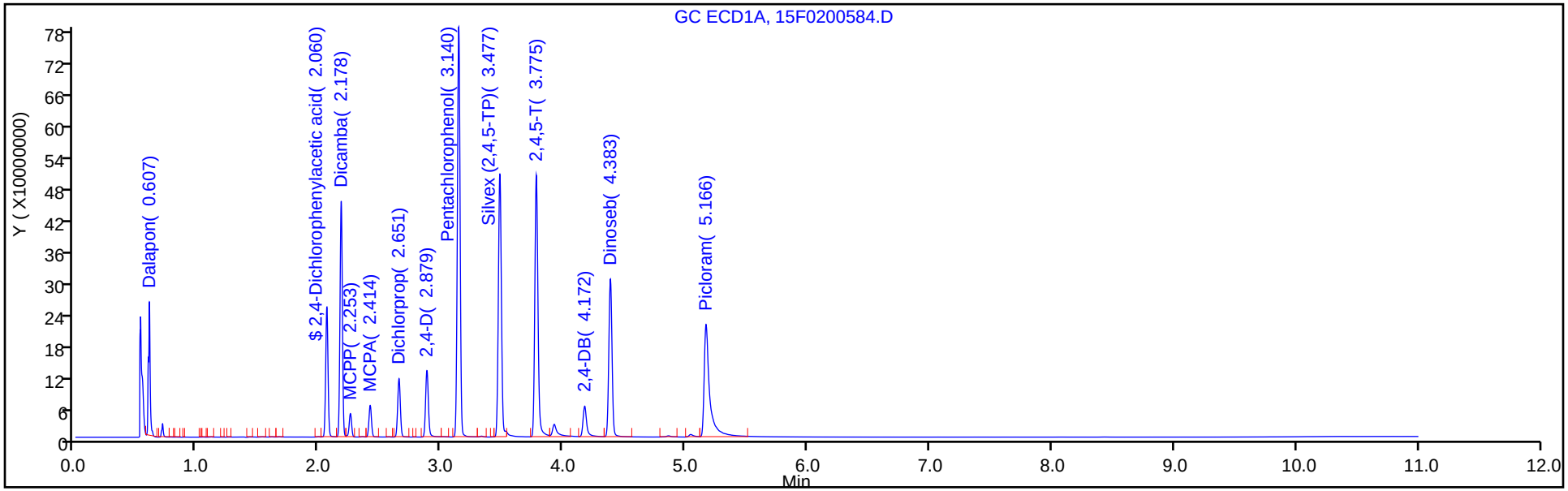
Report Date: 20-Apr-2023 09:01:59 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

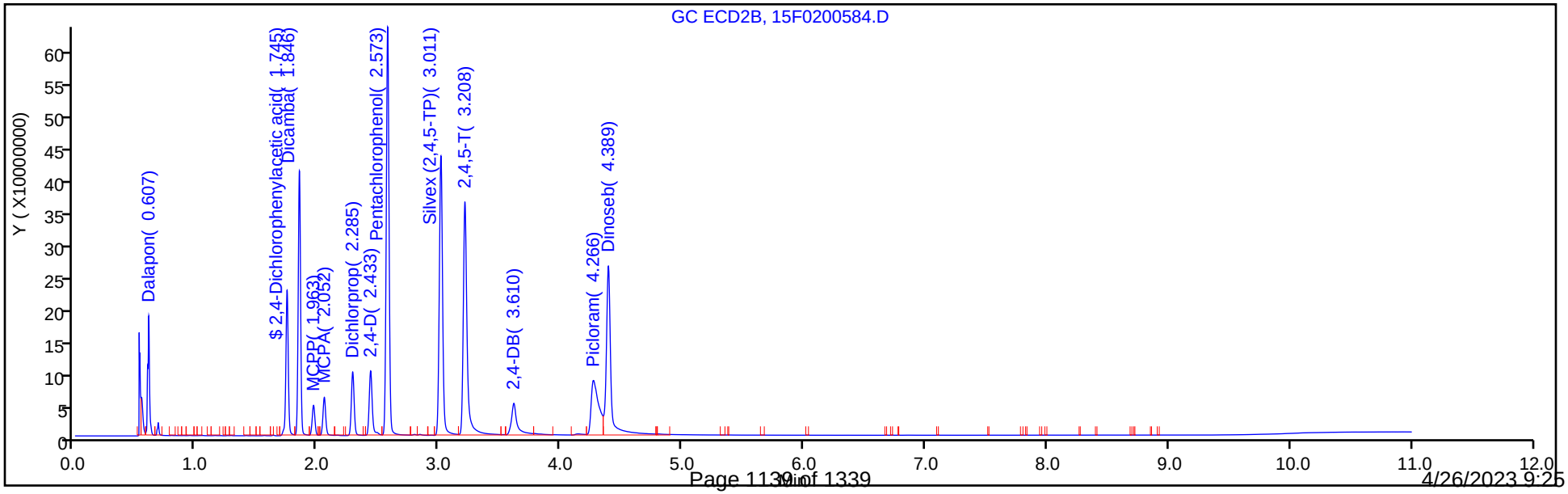
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200584.D

Injection Date:	20-Apr-2023 08:03:24	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	7
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-904381/1 Calibration Date: 04/21/2023 06:45

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200601.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		481439		432	500	-13.7	15.0
Dicamba	Ave	1377980	1343753		458	470	-2.5	15.0
Mecoprop	Ave	1467	1403		44500	46600	-4.3	15.0
MCPA	Ave	1987	1918		45000	46700	-3.5	15.0
Dichlorprop	Ave	392271	367647		440	470	-6.3	15.0
2,4-D	Ave	451294	409581		449	495	-9.2	15.0
Pentachlorophenol	Ave	5366307	5241539		221	226	-2.3	15.0
Silvex (2,4,5-TP)	Ave	2004136	1821546		436	480	-9.1	15.0
2,4,5-T	Ave	2040915	1886692		439	475	-7.6	15.0
2,4-DB	Ave	284120	257842		436	480	-9.2	15.0
Dinoseb	Ave	1266597	1205195		457	480	-4.8	15.0
Picloram	Ave	2958871	3276052		234	211	10.7	15.0
2,4-Dichlorophenylacetic acid	Ave	379133	356376		898	955	-6.0	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-904381/1 Calibration Date: 04/21/2023 06:45

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200601.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.60	0.53	0.67
Dicamba	2.17	2.10	2.24
Mecoprop	2.25	2.18	2.32
MCPA	2.41	2.34	2.48
Dichlorprop	2.65	2.58	2.72
2,4-D	2.88	2.81	2.95
Pentachlorophenol	3.14	3.07	3.21
Silvex (2,4,5-TP)	3.47	3.40	3.54
2,4,5-T	3.77	3.70	3.84
2,4-DB	4.17	4.10	4.24
Dinoseb	4.38	4.31	4.45
Picloram	5.17	5.10	5.24
2,4-Dichlorophenylacetic acid	2.06	1.99	2.13

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200601.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 21-Apr-2023 06:45:53 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:36:03 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 07:40:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.604	0.604	0.000	240719570	500.0	431.5	M
2	0.605	0.605	0.000	188984209	500.0	482.2	
						RPD = 11.10	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.055	2.055	0.000	340338801	955.0	897.7	
2	1.750	1.750	0.000	312704141	955.0	939.7	
						RPD = 4.57	
1 Dicamba							
1	2.173	2.173	0.000	631563824	470.0	458.3	
2	1.852	1.852	0.000	565568108	470.0	485.3	
						RPD = 5.71	
9 MCPP							
1	2.248	2.248	0.000	65324330	46550	44536	
2	1.968	1.968	0.000	76138008	46550	48180	
						RPD = 7.86	
3 MCPA							
1	2.410	2.410	0.000	89477465	46650	45027	
2	2.057	2.057	0.000	97572001	46650	48475	
						RPD = 7.38	
5 Dichlorprop							
1	2.646	2.646	0.000	172794191	470.0	440.5	
2	2.292	2.292	0.000	157445325	470.0	474.2	
						RPD = 7.37	
8 2,4-D							
1	2.875	2.875	0.000	202742391	495.0	449.2	
2	2.440	2.440	0.000	172665129	495.0	478.6	
						RPD = 6.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.136	3.136	0.000	1183277352	225.8	220.5	
2	2.580	2.580	0.000	998686763	225.8	232.9	
						RPD = 5.46	
2 Silvex (2,4,5-TP)							M
1	3.474	3.474	0.000	874342160	480.0	436.3	
2	3.019	3.019	0.000	845468054	480.0	484.9	M
						RPD = 10.56	
4 2,4,5-T							M
1	3.773	3.773	0.000	896178625	475.0	439.1	
2	3.218	3.218	0.000	806761691	475.0	494.4	M
						RPD = 11.85	
6 2,4-DB							M
1	4.170	4.170	0.000	123764106	480.0	435.6	
2	3.621	3.621	0.000	146199045	480.0	458.0	M
						RPD = 5.01	
13 Dinoseb							M
1	4.380	4.380	0.000	578493660	480.0	456.7	
2	4.398	4.398	0.000	706798750	480.0	626.3	M
						RPD = 31.32	
7 Picloram							M
1	5.167	5.167	0.000	691246878	211.0	233.6	
2	4.283	4.283	0.000	275089810	211.0	137.5	M
						RPD = 51.82	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

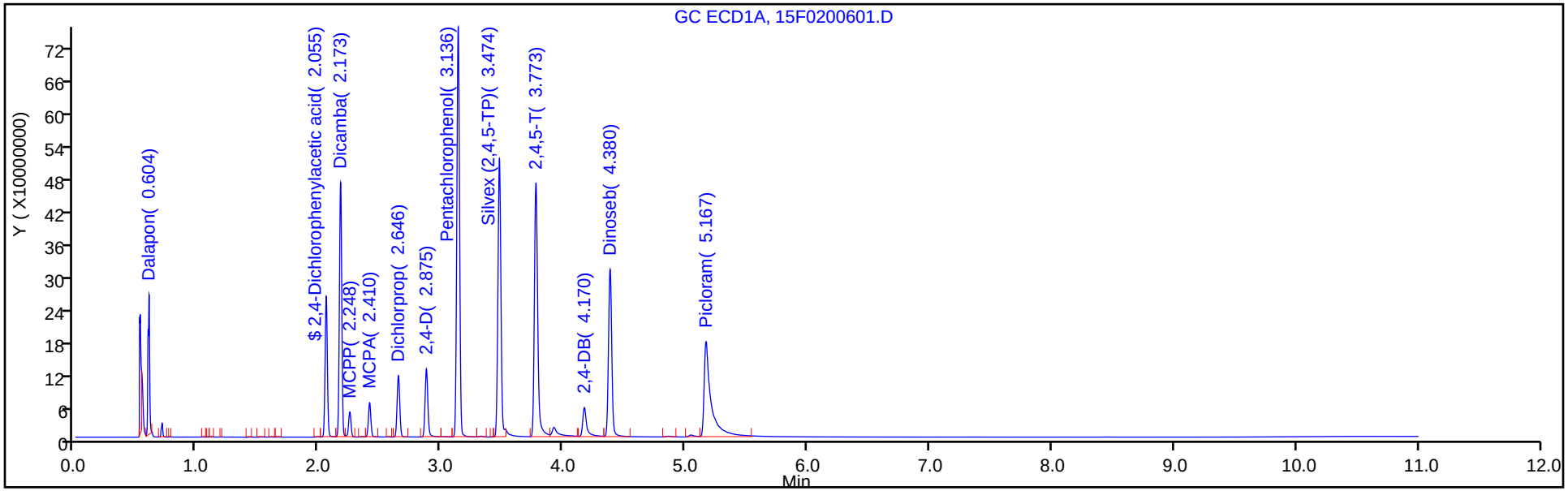
Report Date: 21-Apr-2023 09:36:03 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

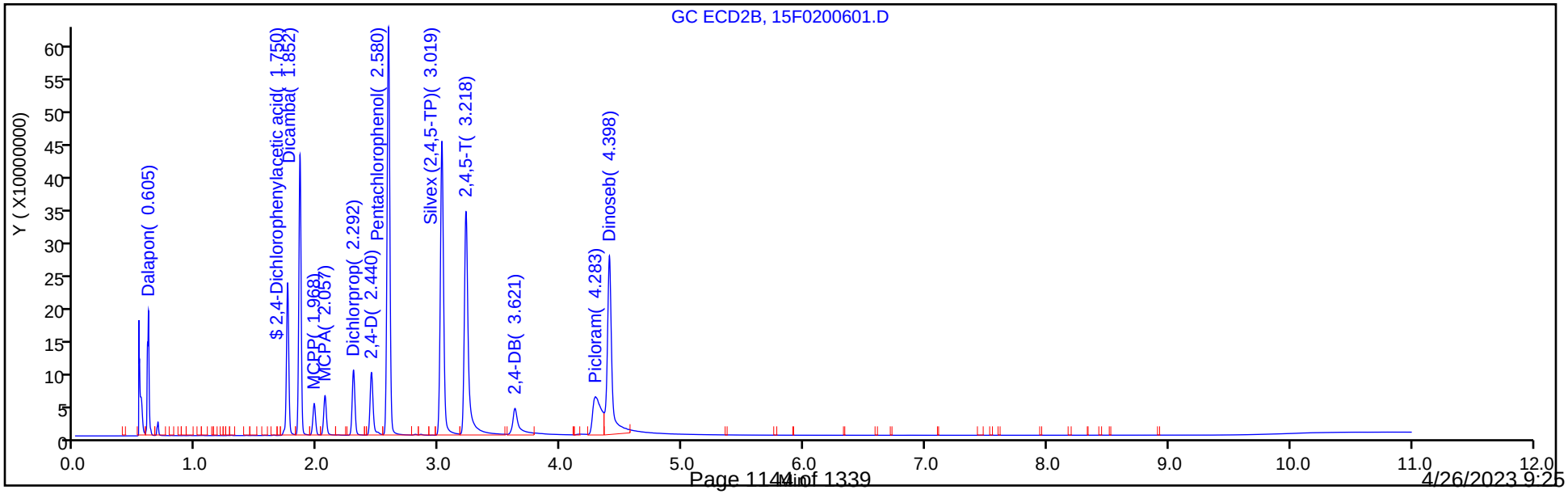
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200601.D

Injection Date:	21-Apr-2023 06:45:53	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCVRT			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-904381/1 Calibration Date: 04/21/2023 06:45

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200601.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		377968		482	500	-3.6	15.0
Dicamba	Ave	1165456	1203336		485	470	3.3	15.0
Mecoprop	Ave	1580	1636		48200	46600	3.5	15.0
MCPA	Ave	2013	2092		48500	46700	3.9	15.0
Dichlorprop	Ave	332024	334990		474	470	0.9	15.0
2,4-D	Ave	360772	348818		479	495	-3.3	15.0
Pentachlorophenol	Ave	4288552	4423862		233	226	3.2	15.0
Silvex (2,4,5-TP)	Ave	1743557	1761392		485	480	1.0	15.0
2,4,5-T	Ave	1631698	1698446		494	475	4.1	15.0
2,4-DB	Ave	319222	304581		458	480	-4.6	15.0
Picloram	Ave	2001025	1303743		137	211	-34.8*	15.0
Dinoseb	Ave	1128484	1472497		626	480	30.5*	15.0
2,4-Dichlorophenylacetic acid	Ave	332771	327439		940	955	-1.6	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCVRT 460-904381/1 Calibration Date: 04/21/2023 06:45

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200601.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.61	0.54	0.68
Dicamba	1.85	1.78	1.92
Mecoprop	1.97	1.90	2.04
MCPA	2.06	1.99	2.13
Dichlorprop	2.29	2.22	2.36
2,4-D	2.44	2.37	2.51
Pentachlorophenol	2.58	2.51	2.65
Silvex (2,4,5-TP)	3.02	2.95	3.09
2,4,5-T	3.22	3.15	3.29
2,4-DB	3.62	3.55	3.69
Picloram	4.28	4.21	4.35
Dinoseb	4.40	4.33	4.47
2,4-Dichlorophenylacetic acid	1.75	1.68	1.82

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200601.D
Lims ID: CCVRT
Client ID:
Sample Type: CCVRT
Inject. Date: 21-Apr-2023 06:45:53 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:36:03 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 07:40:47

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							M
1	0.604	0.604	0.000	240719570	500.0	431.5	M
2	0.605	0.605	0.000	188984209	500.0	482.2	
						RPD = 11.10	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.055	2.055	0.000	340338801	955.0	897.7	
2	1.750	1.750	0.000	312704141	955.0	939.7	
						RPD = 4.57	
1 Dicamba							
1	2.173	2.173	0.000	631563824	470.0	458.3	
2	1.852	1.852	0.000	565568108	470.0	485.3	
						RPD = 5.71	
9 MCPP							
1	2.248	2.248	0.000	65324330	46550	44536	
2	1.968	1.968	0.000	76138008	46550	48180	
						RPD = 7.86	
3 MCPA							
1	2.410	2.410	0.000	89477465	46650	45027	
2	2.057	2.057	0.000	97572001	46650	48475	
						RPD = 7.38	
5 Dichlorprop							
1	2.646	2.646	0.000	172794191	470.0	440.5	
2	2.292	2.292	0.000	157445325	470.0	474.2	
						RPD = 7.37	
8 2,4-D							
1	2.875	2.875	0.000	202742391	495.0	449.2	
2	2.440	2.440	0.000	172665129	495.0	478.6	
						RPD = 6.33	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.136	3.136	0.000	1183277352	225.8	220.5	
2	2.580	2.580	0.000	998686763	225.8	232.9	
						RPD = 5.46	
2 Silvex (2,4,5-TP)							M
1	3.474	3.474	0.000	874342160	480.0	436.3	
2	3.019	3.019	0.000	845468054	480.0	484.9	M
						RPD = 10.56	
4 2,4,5-T							M
1	3.773	3.773	0.000	896178625	475.0	439.1	
2	3.218	3.218	0.000	806761691	475.0	494.4	M
						RPD = 11.85	
6 2,4-DB							M
1	4.170	4.170	0.000	123764106	480.0	435.6	
2	3.621	3.621	0.000	146199045	480.0	458.0	M
						RPD = 5.01	
13 Dinoseb							M
1	4.380	4.380	0.000	578493660	480.0	456.7	
2	4.398	4.398	0.000	706798750	480.0	626.3	M
						RPD = 31.32	
7 Picloram							M
1	5.167	5.167	0.000	691246878	211.0	233.6	
2	4.283	4.283	0.000	275089810	211.0	137.5	M
						RPD = 51.82	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

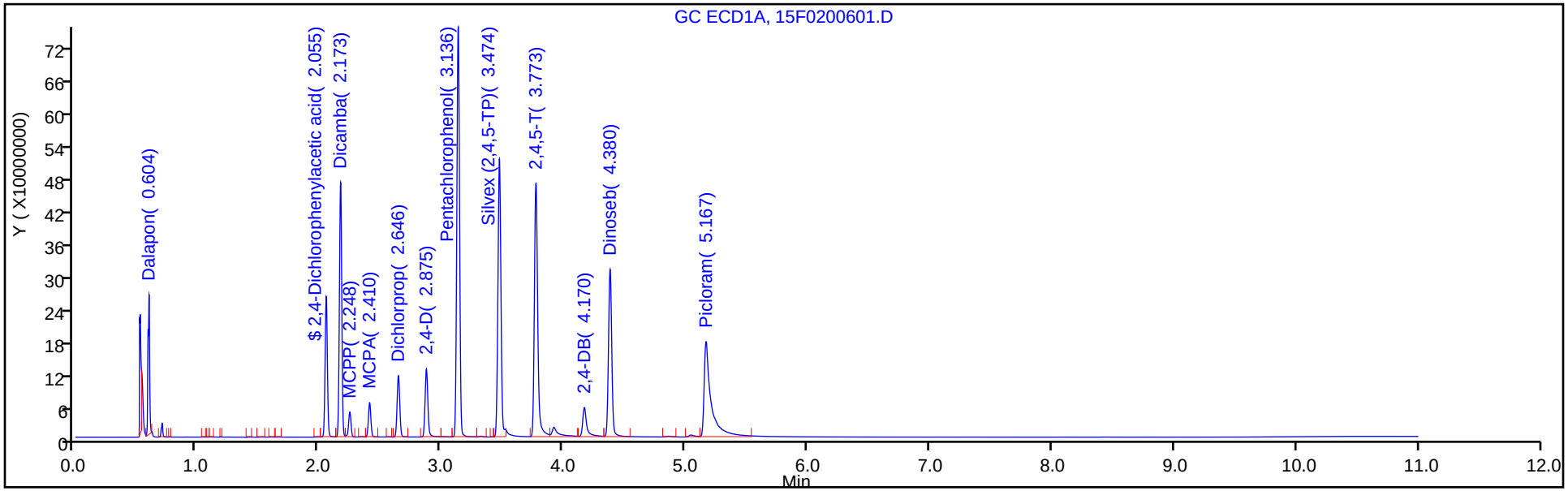
Report Date: 21-Apr-2023 09:36:04 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

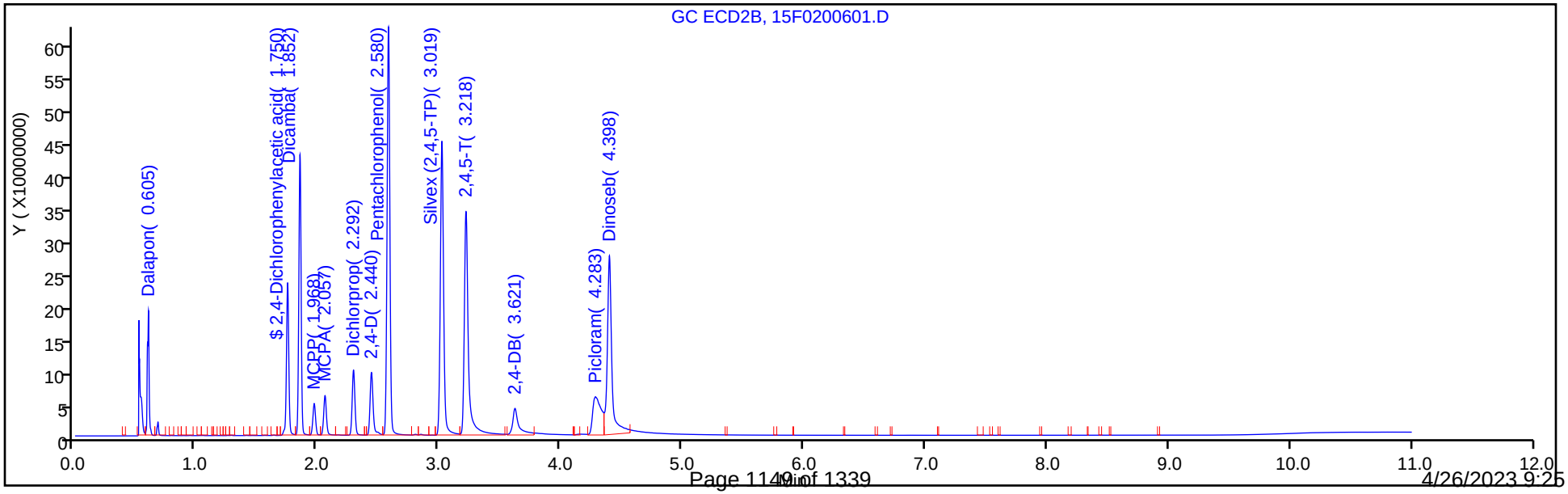
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200601.D

Injection Date:	21-Apr-2023 06:45:53	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCVRT			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904381/11 Calibration Date: 04/21/2023 09:10

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200611.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		487357		438	500	-12.4	15.0
Dicamba	Ave	1377980	1356065		463	470	-1.6	15.0
Mecoprop	Ave	1467	1418		45000	46600	-3.3	15.0
MCPA	Ave	1987	1884		44200	46700	-5.2	15.0
Dichlorprop	Ave	392271	370234		444	470	-5.6	15.0
2,4-D	Ave	451294	408666		448	495	-9.4	15.0
Pentachlorophenol	Ave	5366307	5516895		232	226	2.8	15.0
Silvex (2,4,5-TP)	Ave	2004136	1827157		438	480	-8.8	15.0
2,4,5-T	Ave	2040915	1886218		439	475	-7.6	15.0
2,4-DB	Ave	284120	243872		412	480	-14.2	15.0
Dinoseb	Ave	1266597	1127139		427	480	-11.0	15.0
Picloram	Ave	2958871	3044144		217	211	2.9	15.0
2,4-Dichlorophenylacetic acid	Ave	379133	352779		889	955	-7.0	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904381/11 Calibration Date: 04/21/2023 09:10

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: DB-5 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200611.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.60	0.53	0.67
Dicamba	2.18	2.10	2.24
Mecoprop	2.25	2.18	2.32
MCPA	2.41	2.34	2.48
Dichlorprop	2.65	2.58	2.72
2,4-D	2.88	2.81	2.95
Pentachlorophenol	3.14	3.07	3.21
Silvex (2,4,5-TP)	3.48	3.40	3.54
2,4,5-T	3.78	3.70	3.84
2,4-DB	4.17	4.10	4.24
Dinoseb	4.38	4.31	4.45
Picloram	5.17	5.10	5.24
2,4-Dichlorophenylacetic acid	2.06	1.99	2.13

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200611.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 09:10:21 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-011
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:36:33 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 09:36:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.598	0.604	-0.006	243678384	500.0	437.8	
2	0.598	0.605	-0.007	180391410	500.0	456.2	
						RPD = 4.13	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.059	2.055	0.004	336903886	955.0	888.6	
2	1.744	1.750	-0.006	318705260	955.0	957.7	
						RPD = 7.49	
1 Dicamba							
1	2.176	2.173	0.003	637350419	470.0	462.5	
2	1.845	1.852	-0.007	581898855	470.0	499.3	
						RPD = 7.64	
9 MCPP							
1	2.252	2.248	0.004	66000862	46550	44997	
2	1.962	1.968	-0.006	74616896	46550	47217	
						RPD = 4.82	
3 MCPA							
1	2.413	2.410	0.003	87869104	46650	44218	
2	2.050	2.057	-0.007	93278742	46650	46342	
						RPD = 4.69	
5 Dichlorprop							
1	2.650	2.646	0.004	174010066	470.0	443.6	
2	2.284	2.292	-0.008	161491942	470.0	486.4	
						RPD = 9.20	
8 2,4-D							
1	2.880	2.875	0.005	202289465	495.0	448.2	
2	2.432	2.440	-0.008	177459127	495.0	491.9	
						RPD = 9.28	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.139	3.136	0.003	1245438964	225.8	232.1	
2	2.572	2.580	-0.008	1063624536	225.8	248.0	
						RPD = 6.64	
2 Silvex (2,4,5-TP)							
1	3.477	3.474	0.003	877035459	480.0	437.6	
2	3.010	3.019	-0.009	819527133	480.0	470.0	
						RPD = 7.14	
4 2,4,5-T							
1	3.775	3.773	0.002	895953666	475.0	439.0	
2	3.209	3.218	-0.009	778299413	475.0	477.0	
						RPD = 8.30	
6 2,4-DB							
1	4.170	4.170	0.000	117058733	480.0	412.0	
2	3.612	3.621	-0.009	149725885	480.0	469.0	
						RPD = 12.95	
13 Dinoseb							M
1	4.382	4.380	0.002	541026882	480.0	427.2	
2	4.389	4.398	-0.009	618144961	480.0	547.8	M
						RPD = 24.74	
7 Picloram							M
1	5.166	5.167	-0.001	642314448	211.0	217.1	
2	4.272	4.283	-0.011	277232316	211.0	138.5	M
						RPD = 44.17	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

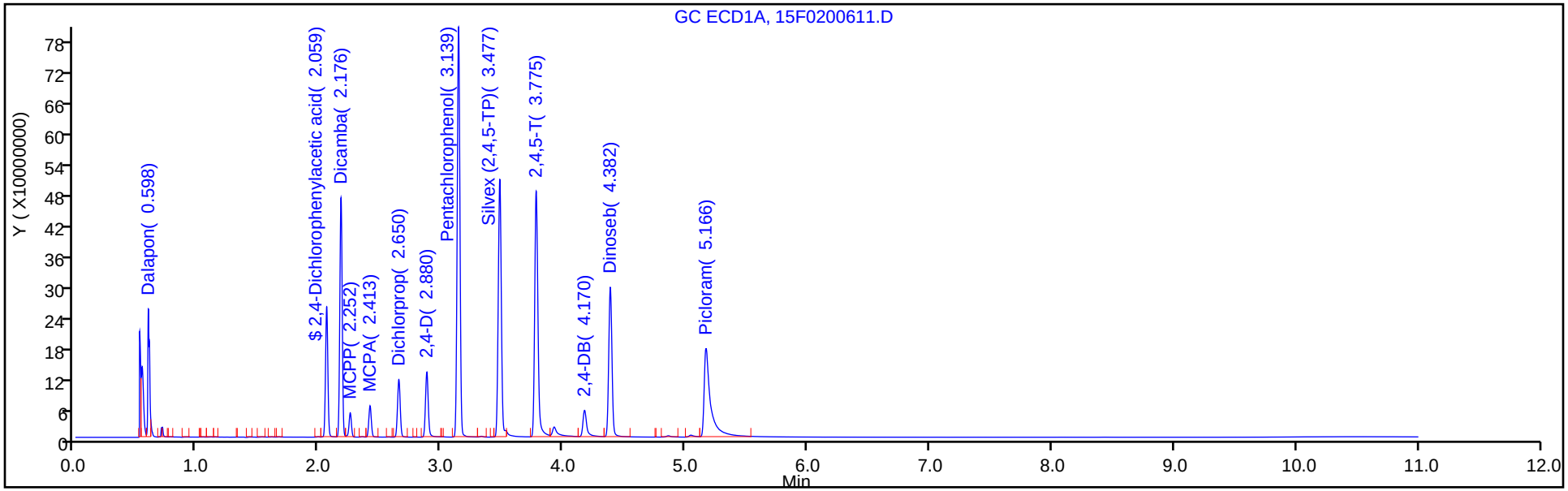
Report Date: 21-Apr-2023 09:36:33 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

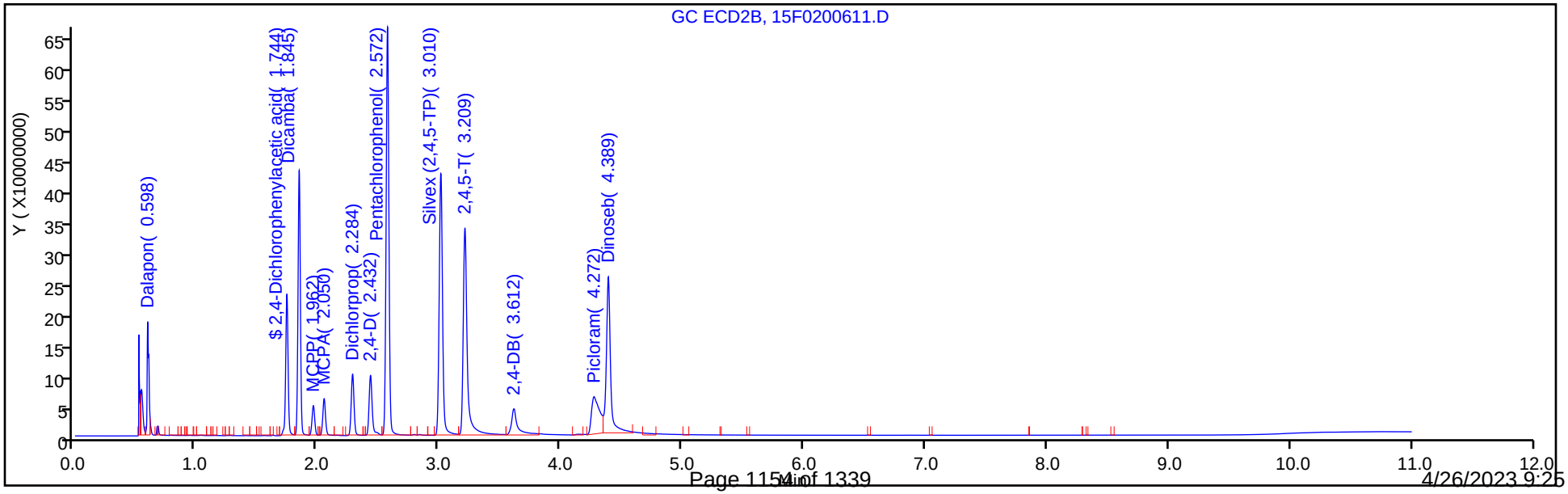
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200611.D

Injection Date:	21-Apr-2023 09:10:21	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM VII
HERBICIDES CONTINUING CALIBRATION DATA

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904381/11 Calibration Date: 04/21/2023 09:10

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200611.D Conc. Units: ug/L

ANALYTE	CURVE TYPE	AVE CF	CF	MIN CF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dalapon	Lin2		360783		456	500	-8.8	15.0
Dicamba	Ave	1165456	1238083		499	470	6.2	15.0
Mecoprop	Ave	1580	1603		47200	46600	1.4	15.0
MCPA	Ave	2013	2000		46300	46700	-0.7	15.0
Dichlorprop	Ave	332024	343600		486	470	3.5	15.0
2,4-D	Ave	360772	358503		492	495	-0.6	15.0
Pentachlorophenol	Ave	4288552	4711515		248	226	9.9	15.0
Silvex (2,4,5-TP)	Ave	1743557	1707348		470	480	-2.1	15.0
2,4,5-T	Ave	1631698	1638525		477	475	0.4	15.0
2,4-DB	Ave	319222	311929		469	480	-2.3	15.0
Picloram	Ave	2001025	1313897		139	211	-34.3*	15.0
Dinoseb	Ave	1128484	1287802		548	480	14.1	15.0
2,4-Dichlorophenylacetic acid	Ave	332771	333723		958	955	0.3	15.0

FORM VII
HERBICIDES CONTINUING CALIBRATION RETENTION TIME SUMMARY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Lab Sample ID: CCV 460-904381/11 Calibration Date: 04/21/2023 09:10

Instrument ID: CPESTGC15 Calib Start Date: 11/28/2022 11:34

GC Column: CLP-2 ID: 0.53(mm) Calib End Date: 11/28/2022 12:42

Lab File ID: 15F0200611.D

Analyte	RT	RT WINDOW	
		FROM	TO
Dalapon	0.60	0.54	0.68
Dicamba	1.85	1.78	1.92
Mecoprop	1.96	1.90	2.04
MCPA	2.05	1.99	2.13
Dichlorprop	2.28	2.22	2.36
2,4-D	2.43	2.37	2.51
Pentachlorophenol	2.57	2.51	2.65
Silvex (2,4,5-TP)	3.01	2.95	3.09
2,4,5-T	3.21	3.15	3.29
2,4-DB	3.61	3.55	3.69
Picloram	4.27	4.21	4.35
Dinoseb	4.39	4.33	4.47
2,4-Dichlorophenylacetic acid	1.74	1.68	1.82

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200611.D
Lims ID: CCV
Client ID:
Sample Type: CCV
Inject. Date: 21-Apr-2023 09:10:21 ALS Bottle#: 11 Worklist Smp#: 11
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-011
Operator ID: Instrument ID: CPESTGC15
Sublist: chrom-8151GC15*sub1

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:36:33 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 09:36:28

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.598	0.604	-0.006	243678384	500.0	437.8	
2	0.598	0.605	-0.007	180391410	500.0	456.2	
						RPD = 4.13	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.059	2.055	0.004	336903886	955.0	888.6	
2	1.744	1.750	-0.006	318705260	955.0	957.7	
						RPD = 7.49	
1 Dicamba							
1	2.176	2.173	0.003	637350419	470.0	462.5	
2	1.845	1.852	-0.007	581898855	470.0	499.3	
						RPD = 7.64	
9 MCPP							
1	2.252	2.248	0.004	66000862	46550	44997	
2	1.962	1.968	-0.006	74616896	46550	47217	
						RPD = 4.82	
3 MCPA							
1	2.413	2.410	0.003	87869104	46650	44218	
2	2.050	2.057	-0.007	93278742	46650	46342	
						RPD = 4.69	
5 Dichlorprop							
1	2.650	2.646	0.004	174010066	470.0	443.6	
2	2.284	2.292	-0.008	161491942	470.0	486.4	
						RPD = 9.20	
8 2,4-D							
1	2.880	2.875	0.005	202289465	495.0	448.2	
2	2.432	2.440	-0.008	177459127	495.0	491.9	
						RPD = 9.28	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
10 Pentachlorophenol							
1	3.139	3.136	0.003	1245438964	225.8	232.1	
2	2.572	2.580	-0.008	1063624536	225.8	248.0	
						RPD = 6.64	
2 Silvex (2,4,5-TP)							
1	3.477	3.474	0.003	877035459	480.0	437.6	
2	3.010	3.019	-0.009	819527133	480.0	470.0	
						RPD = 7.14	
4 2,4,5-T							
1	3.775	3.773	0.002	895953666	475.0	439.0	
2	3.209	3.218	-0.009	778299413	475.0	477.0	
						RPD = 8.30	
6 2,4-DB							
1	4.170	4.170	0.000	117058733	480.0	412.0	
2	3.612	3.621	-0.009	149725885	480.0	469.0	
						RPD = 12.95	
13 Dinoseb							M
1	4.382	4.380	0.002	541026882	480.0	427.2	
2	4.389	4.398	-0.009	618144961	480.0	547.8	M
						RPD = 24.74	
7 Picloram							M
1	5.166	5.167	-0.001	642314448	211.0	217.1	
2	4.272	4.283	-0.011	277232316	211.0	138.5	M
						RPD = 44.17	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

SGHERBL4_00003 Amount Added: 1.00 Units: mL

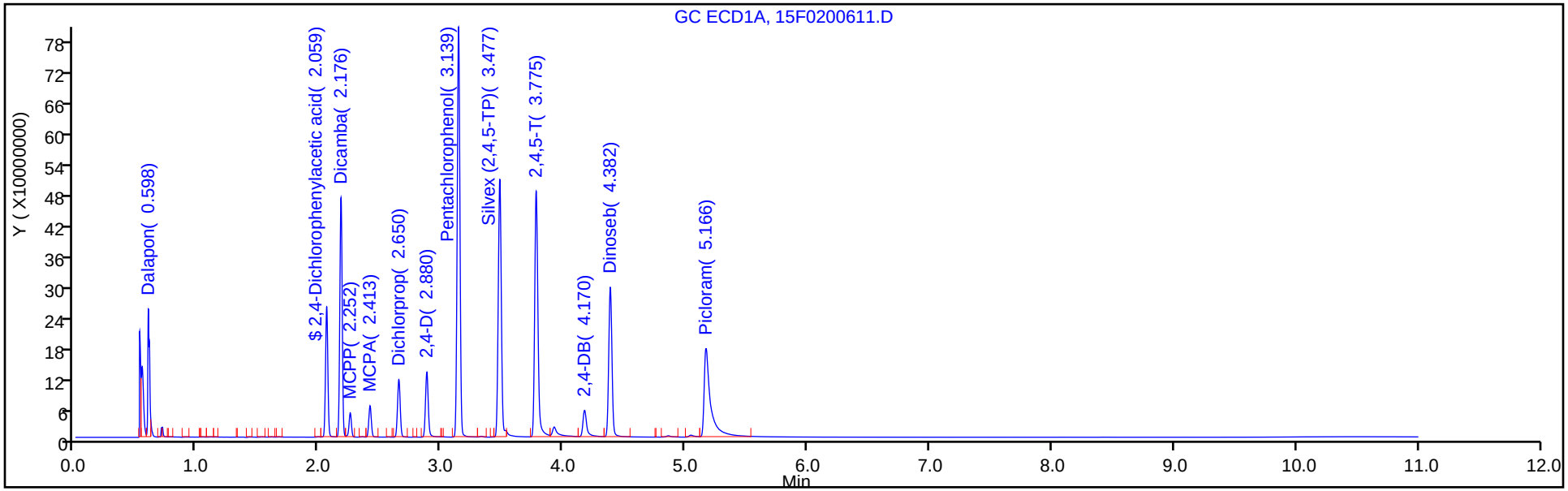
Report Date: 21-Apr-2023 09:36:34 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

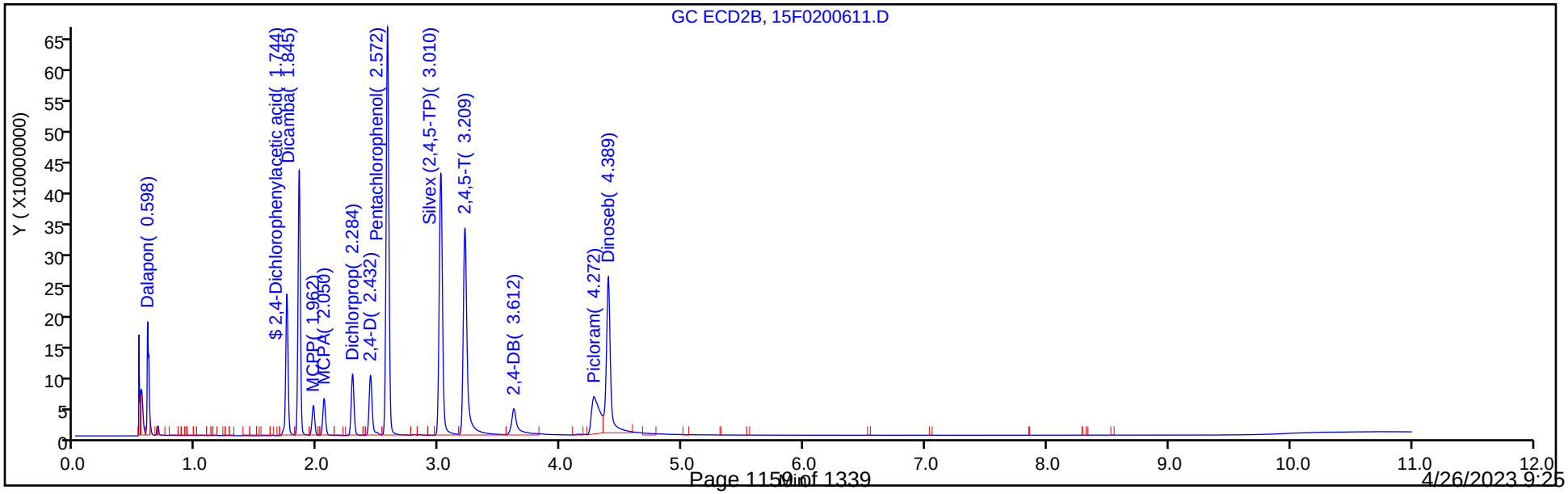
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200611.D

Injection Date:	21-Apr-2023 09:10:21	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	CCV			Worklist Smp#:	11
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-903984/1-A

Matrix: Solid | Lab File ID: 15F0200579.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/19/2023 10:47

Sample wt/vol: 15(mL) | Date Analyzed: 04/20/2023 06:55

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 903996 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	*2,4-D*	*0.083*	*U*	*0.083*	*0.083*
93-72-1	*Silvex (2,4,5-TP)*	*0.083*	*U*	*0.083*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	10		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D
Lims ID: MB 460-903984/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 06:55:39 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

First Level Reviewer: SE1K Date: 20-Apr-2023 07:39:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid							
1	2.055	2.054	0.001	39202798	1000.0	103.4	
2	1.748	1.751	-0.003	32376985	1000.0	97.3	
						RPD = 6.09	

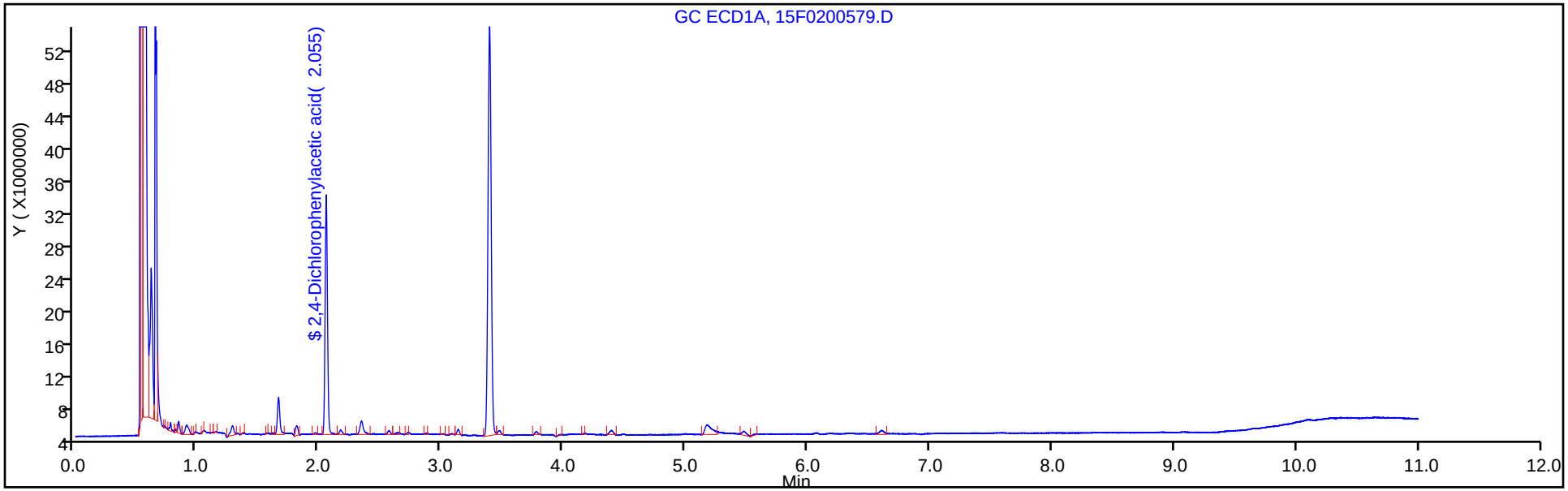
Report Date: 20-Apr-2023 09:01:51 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

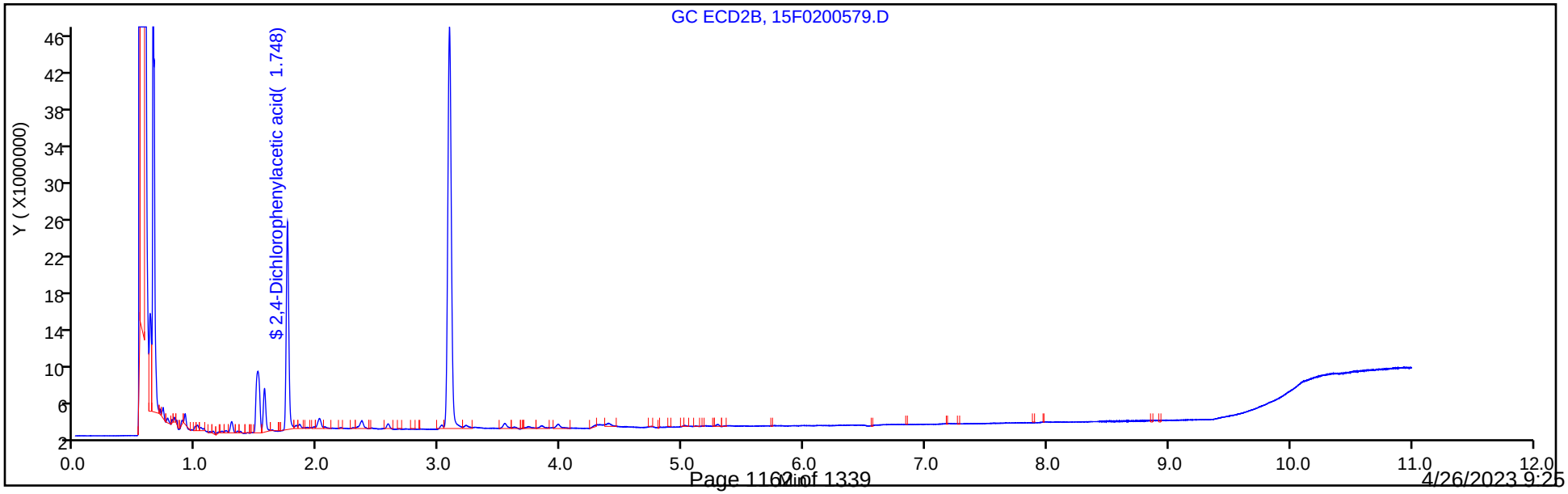
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D

Injection Date:	20-Apr-2023 06:55:39	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	MB 460-903984/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

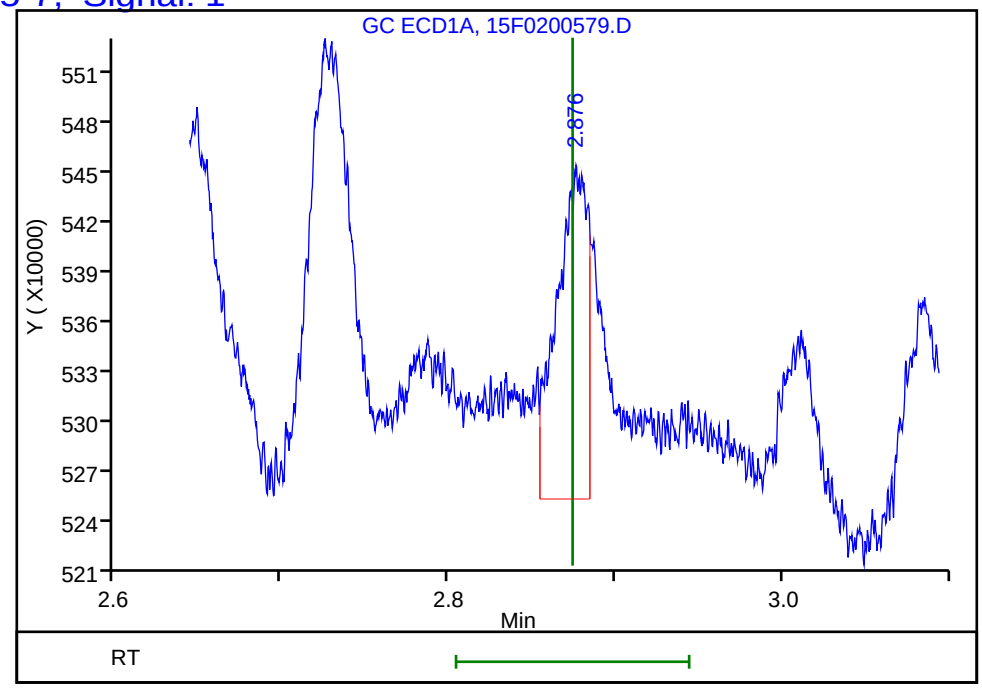
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D
Injection Date: 20-Apr-2023 06:55:39 Instrument ID: CPESTGC15
Lims ID: MB 460-903984/1-A
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

8 2,4-D, CAS: 94-75-7, Signal: 1

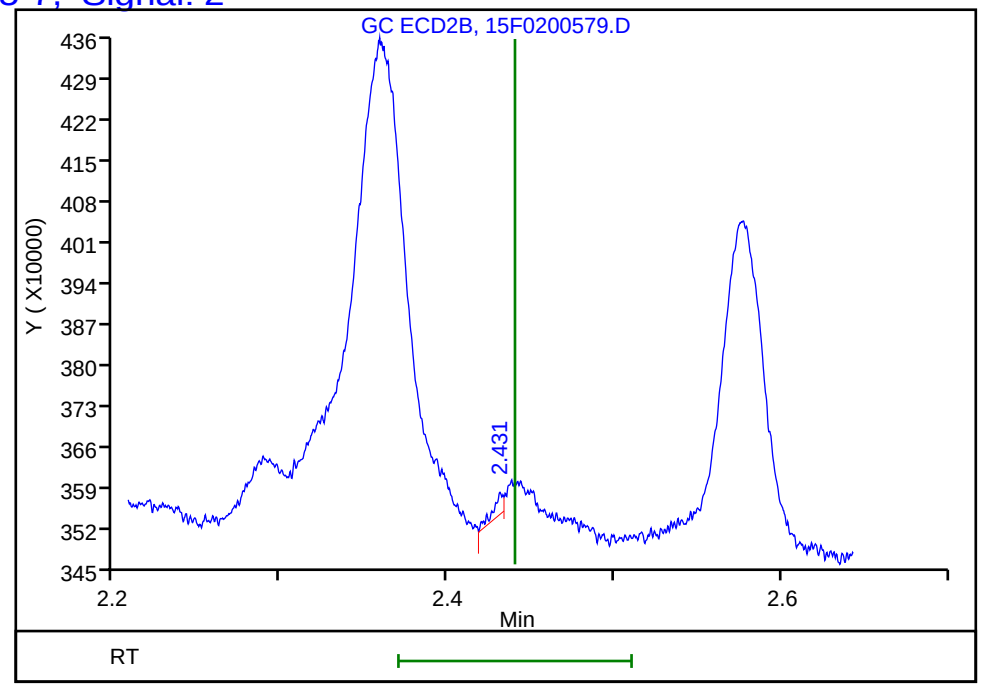
RT: 2.88
Response: 238709
Amount: 0.528943



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 2,4-D, CAS: 94-75-7, Signal: 2

RT: 2.43
Response: 14535
Amount: 0.040289



Reviewer: SE1K, 20-Apr-2023 07:39:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

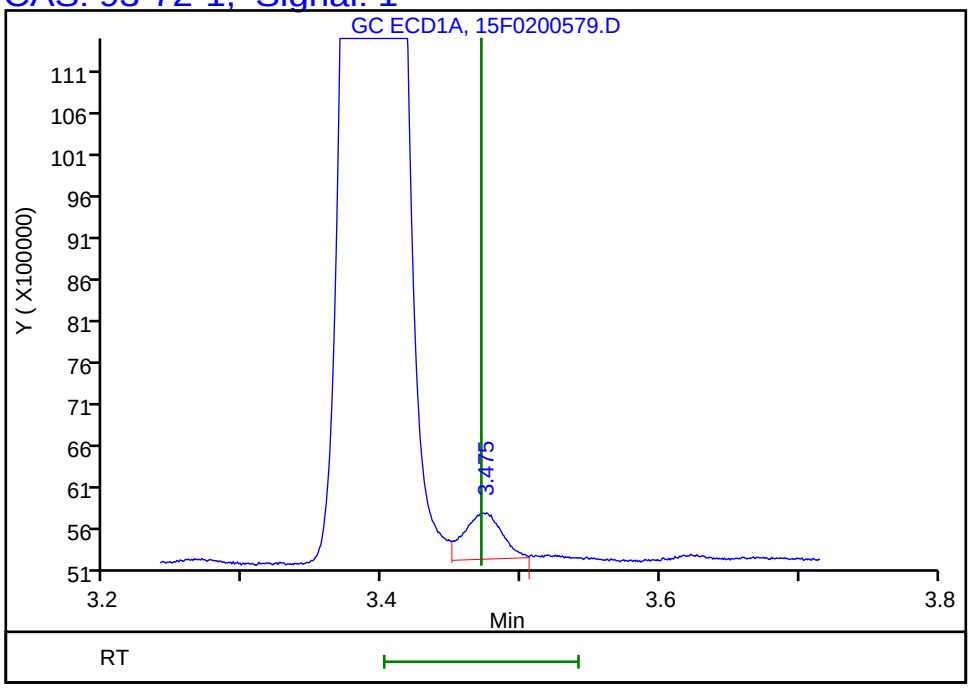
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D
Injection Date: 20-Apr-2023 06:55:39 Instrument ID: CPESTGC15
Lims ID: MB 460-903984/1-A
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

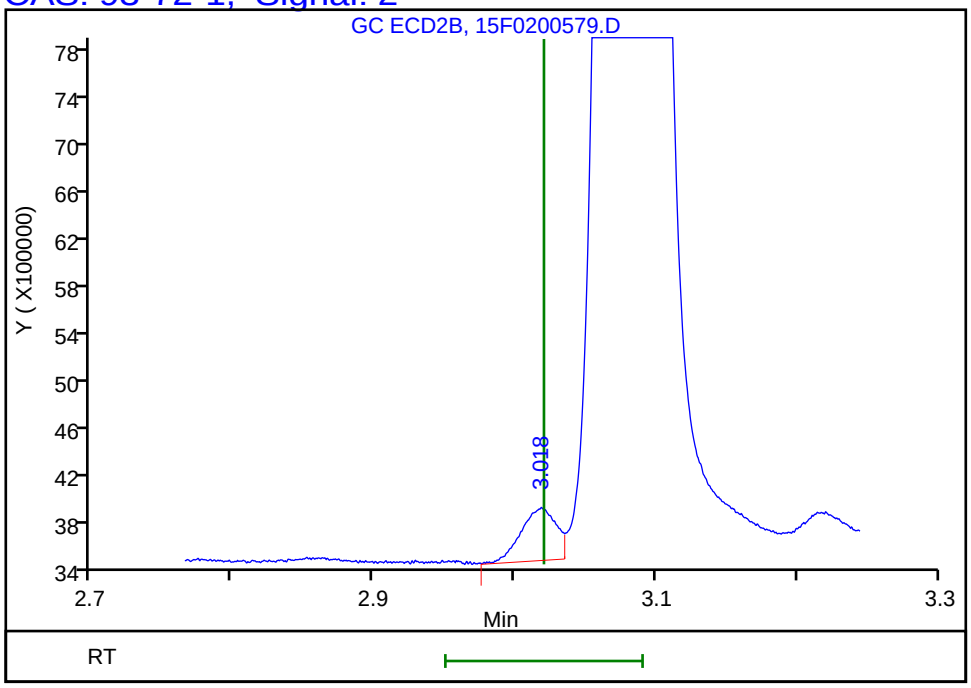
RT: 3.47
Response: 1023454
Amount: 0.510671



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02
Response: 758056
Amount: 0.434776



Reviewer: SE1K, 20-Apr-2023 07:39:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: MB 460-903984/1-A

Matrix: Solid | Lab File ID: 15F0200579.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/19/2023 10:47

Sample wt/vol: 15(mL) | Date Analyzed: 04/20/2023 06:55

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 903996 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.083	U	0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	10		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D
Lims ID: MB 460-903984/1-A
Client ID:
Sample Type: MB
Inject. Date: 20-Apr-2023 06:55:39 ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info:
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

First Level Reviewer: SE1K Date: 20-Apr-2023 07:39:23

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid							
1	2.055	2.054	0.001	39202798	1000.0	103.4	
2	1.748	1.751	-0.003	32376985	1000.0	97.3	
						RPD = 6.09	

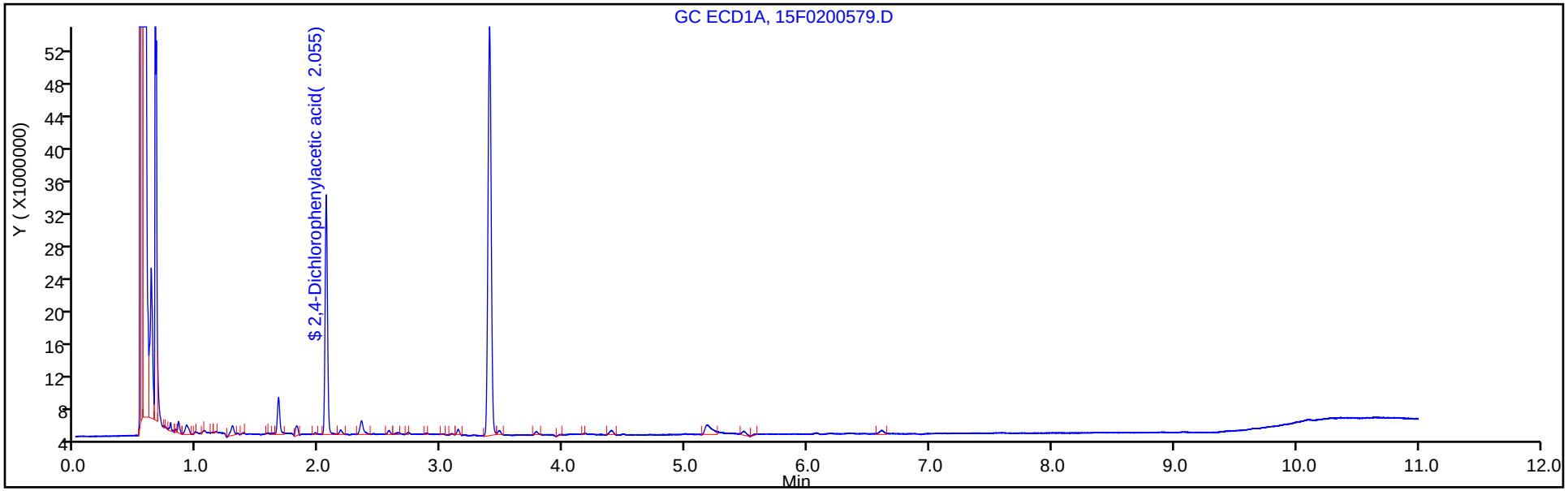
Report Date: 20-Apr-2023 09:01:51 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

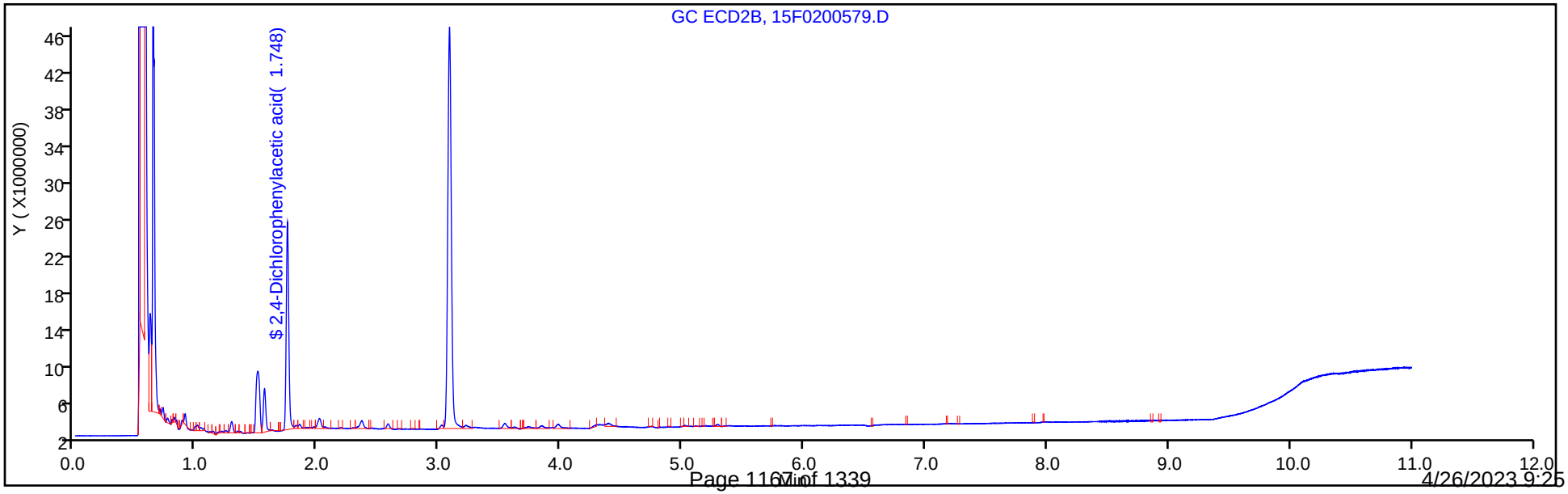
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D

Injection Date:	20-Apr-2023 06:55:39	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	MB 460-903984/1-A			Worklist Smp#:	2
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

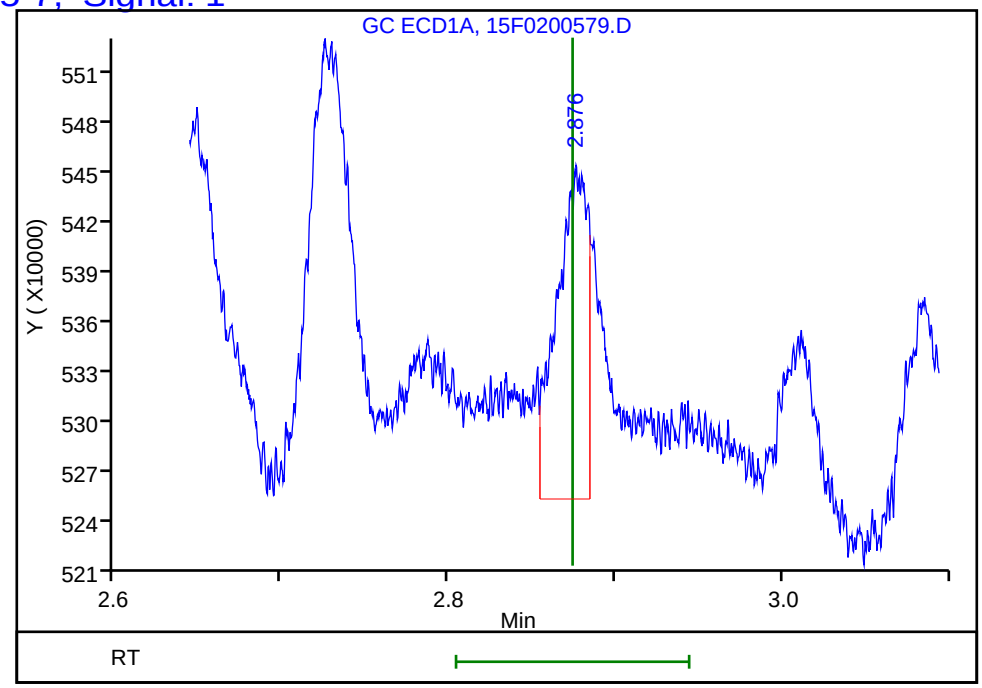
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D
Injection Date: 20-Apr-2023 06:55:39 Instrument ID: CPESTGC15
Lims ID: MB 460-903984/1-A
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

8 2,4-D, CAS: 94-75-7, Signal: 1

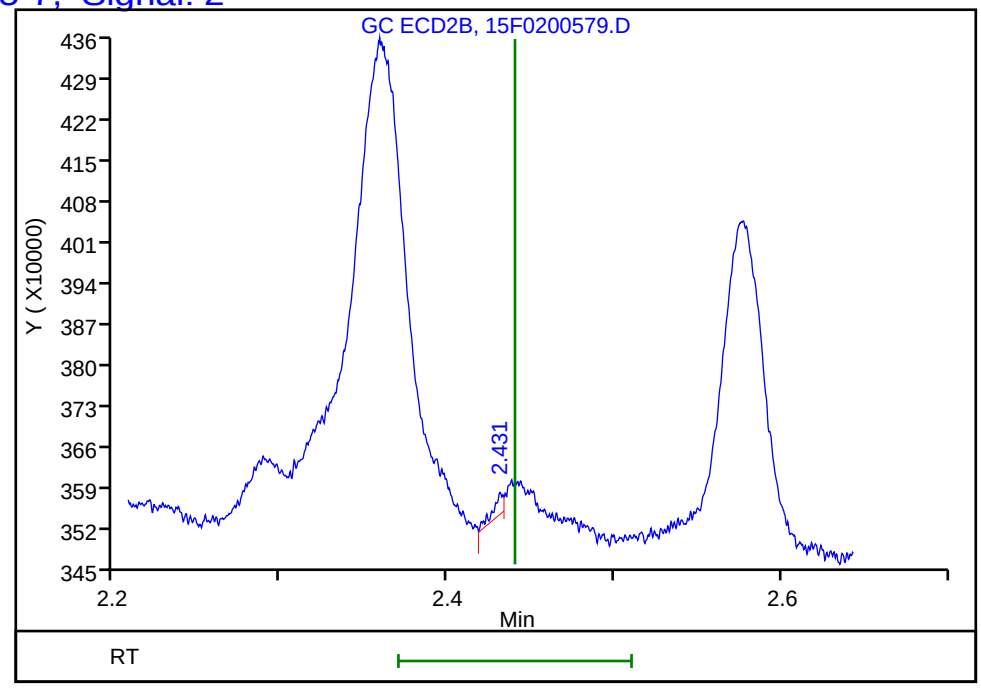
RT: 2.88
Response: 238709
Amount: 0.528943



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 2,4-D, CAS: 94-75-7, Signal: 2

RT: 2.43
Response: 14535
Amount: 0.040289



Reviewer: SE1K, 20-Apr-2023 07:39:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

User Disabled Compound Report

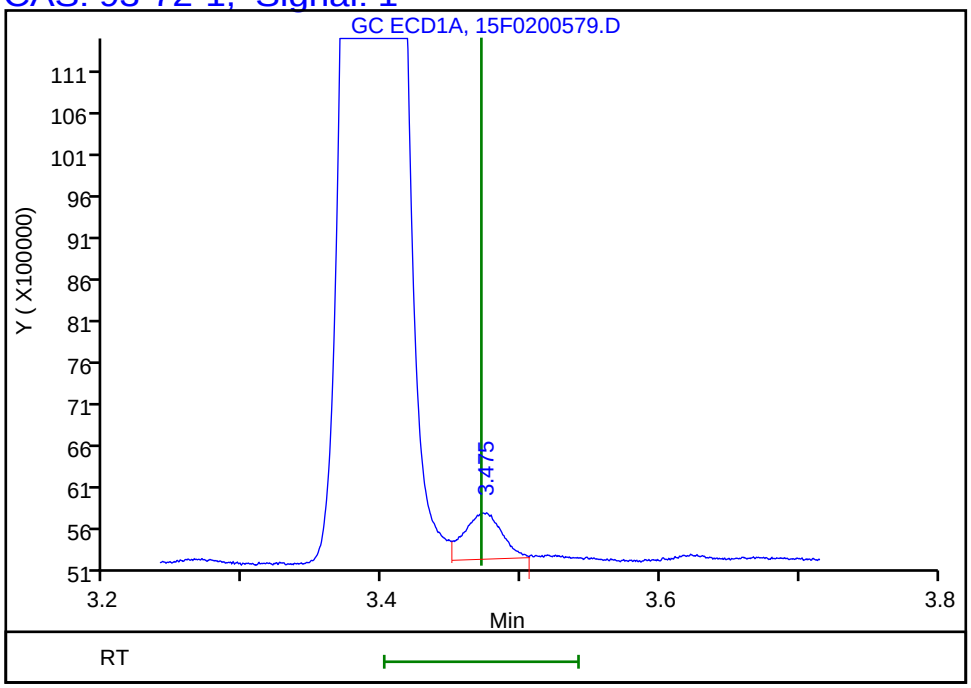
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200579.D
Injection Date: 20-Apr-2023 06:55:39 Instrument ID: CPESTGC15
Lims ID: MB 460-903984/1-A
Client ID:
Operator ID: ALS Bottle#: 2 Worklist Smp#: 2
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 1

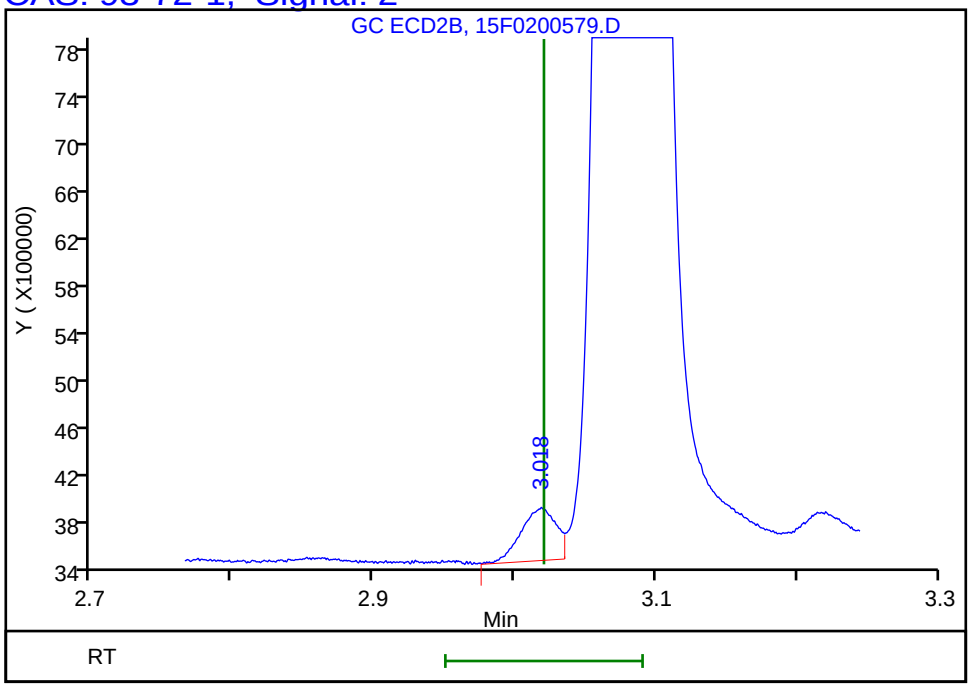
RT: 3.47
Response: 1023454
Amount: 0.510671



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

2 Silvex (2,4,5-TP), CAS: 93-72-1, Signal: 2

RT: 3.02
Response: 758056
Amount: 0.434776



Reviewer: SE1K, 20-Apr-2023 07:39:23
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Client Sample ID: Lab Sample ID: LB 460-904045/1-D

Matrix: Solid (TCLP) Lab File ID: 15F0200610.D

Analysis Method: 8151A Date Collected:

Extraction Method: 8151A Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) Date Analyzed: 04/21/2023 08:56

Con. Extract Vol.: 5(mL) Dilution Factor: 1

Injection Volume: 1(uL) GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 Units: mg/L

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	77		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200610.D
Lims ID: LB 460-904045/1-D
Client ID:
Sample Type: LB
Inject. Date: 21-Apr-2023 08:56:48 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-010
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:27:06 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 09:26:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid							
1	2.059	2.055	0.004	290527280	1000.0	766.3	
2	1.745	1.750	-0.005	272968284	1000.0	820.3	
						RPD = 6.81	

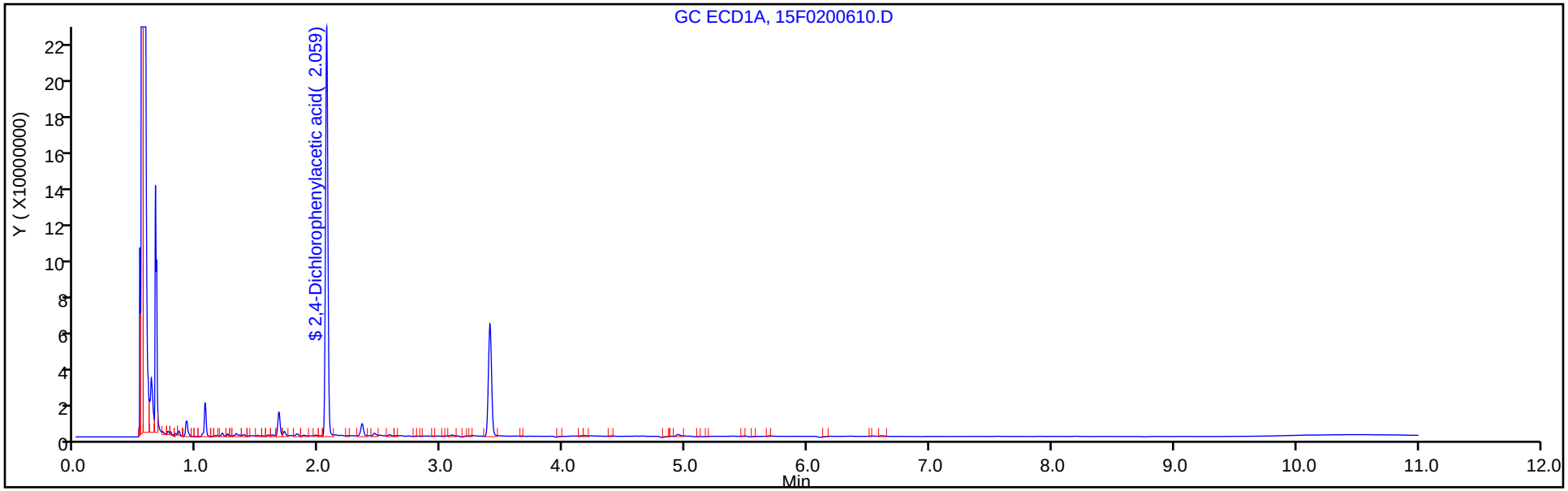
Report Date: 21-Apr-2023 09:36:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

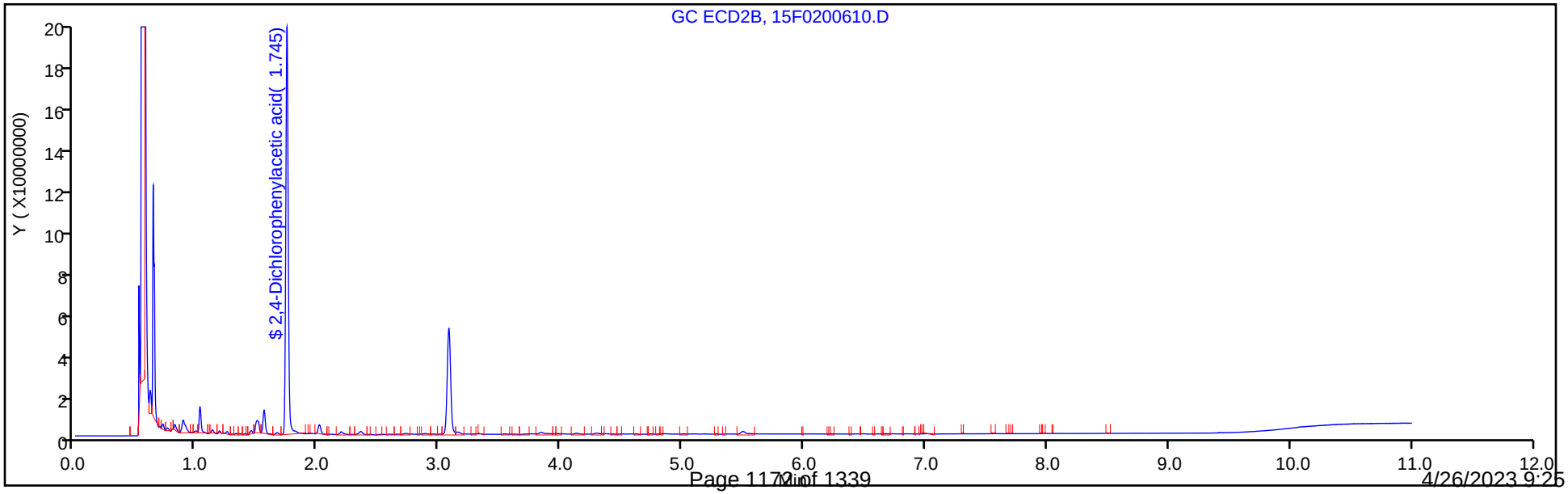
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200610.D

Injection Date:	21-Apr-2023 08:56:48	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	LB 460-904045/1-D			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

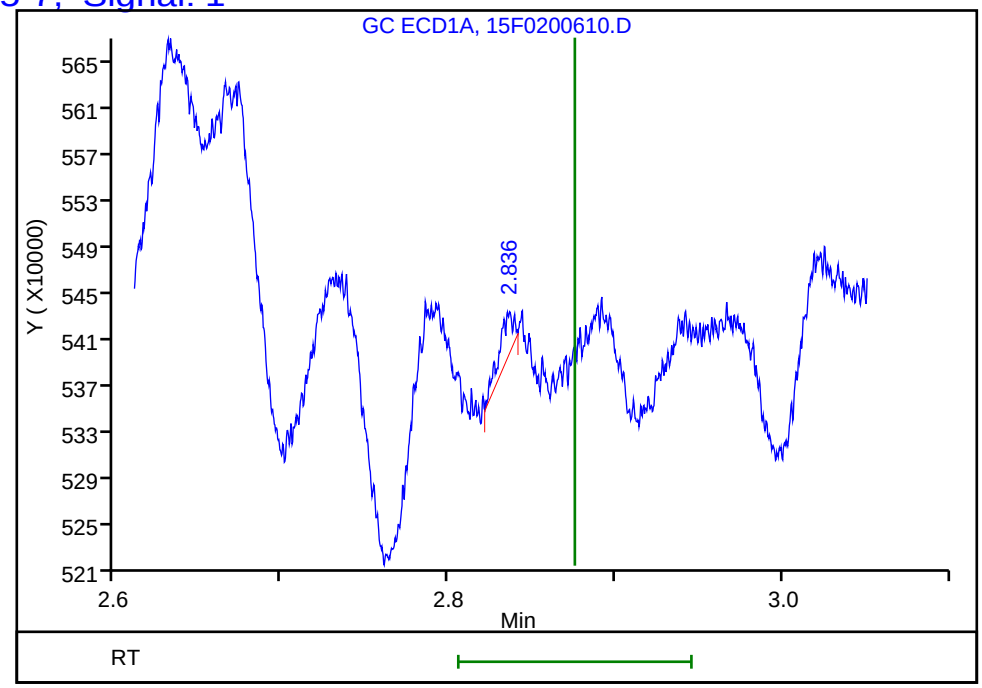
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200610.D
Injection Date: 21-Apr-2023 08:56:48 Instrument ID: CPESTGC15
Lims ID: LB 460-904045/1-D
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

8 2,4-D, CAS: 94-75-7, Signal: 1

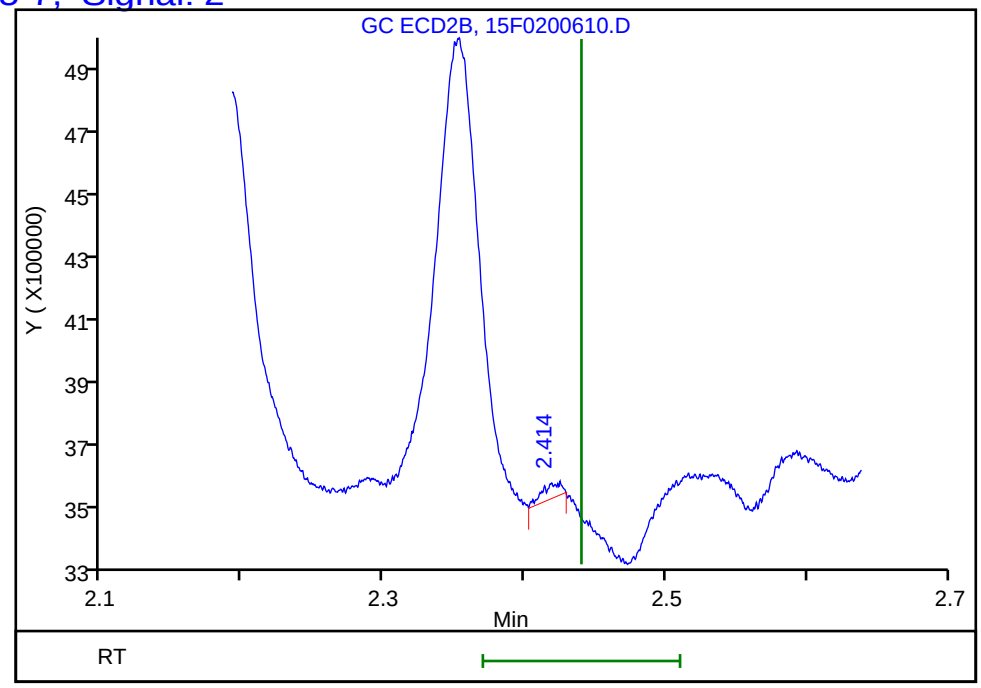
RT: 2.84
Response: 22697
Amount: 0.050293



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 2,4-D, CAS: 94-75-7, Signal: 2

RT: 2.41
Response: 46242
Amount: 0.128175



Reviewer: SE1K, 21-Apr-2023 09:26:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LB 460-904045/1-D

Matrix: Solid (TCLP) | Lab File ID: 15F0200610.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/20/2023 10:19

Sample wt/vol: 15(mL) | Date Analyzed: 04/21/2023 08:56

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 904381 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.083	U	0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	82		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200610.D
Lims ID: LB 460-904045/1-D
Client ID:
Sample Type: LB
Inject. Date: 21-Apr-2023 08:56:48 ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159396-010
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 21-Apr-2023 09:27:06 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1670

First Level Reviewer: SE1K Date: 21-Apr-2023 09:26:26

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 11 2,4-Dichlorophenylacetic acid							
1	2.059	2.055	0.004	290527280	1000.0	766.3	
2	1.745	1.750	-0.005	272968284	1000.0	820.3	
						RPD = 6.81	

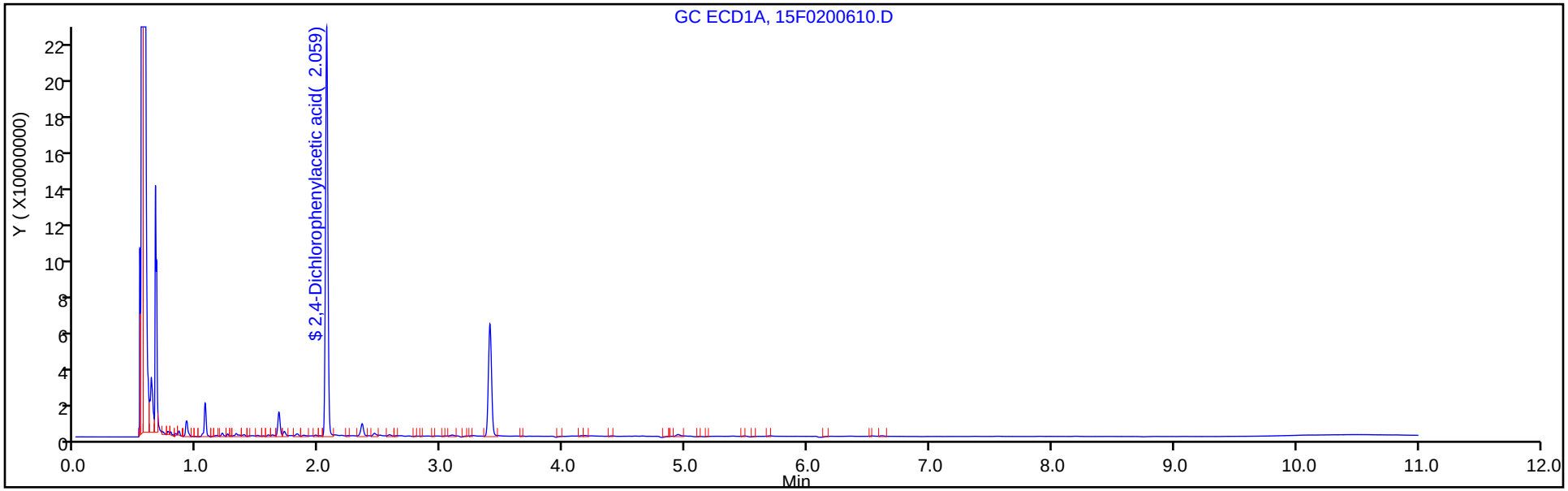
Report Date: 21-Apr-2023 09:36:02 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

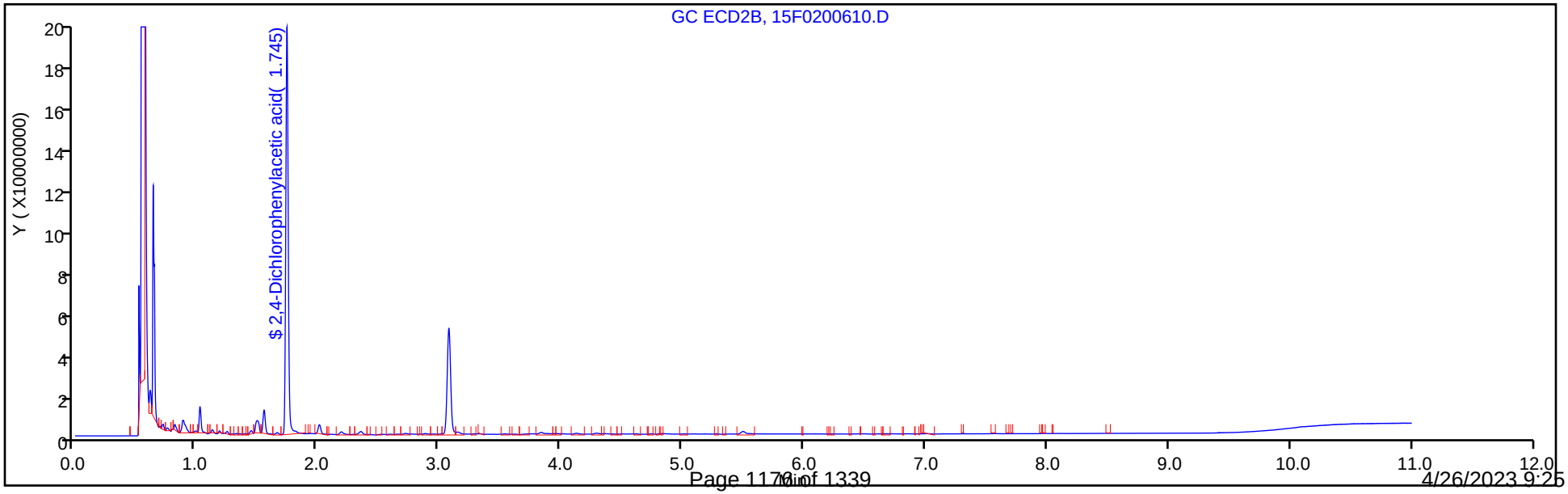
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200610.D

Injection Date:	21-Apr-2023 08:56:48	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	LB 460-904045/1-D			Worklist Smp#:	10
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



User Disabled Compound Report

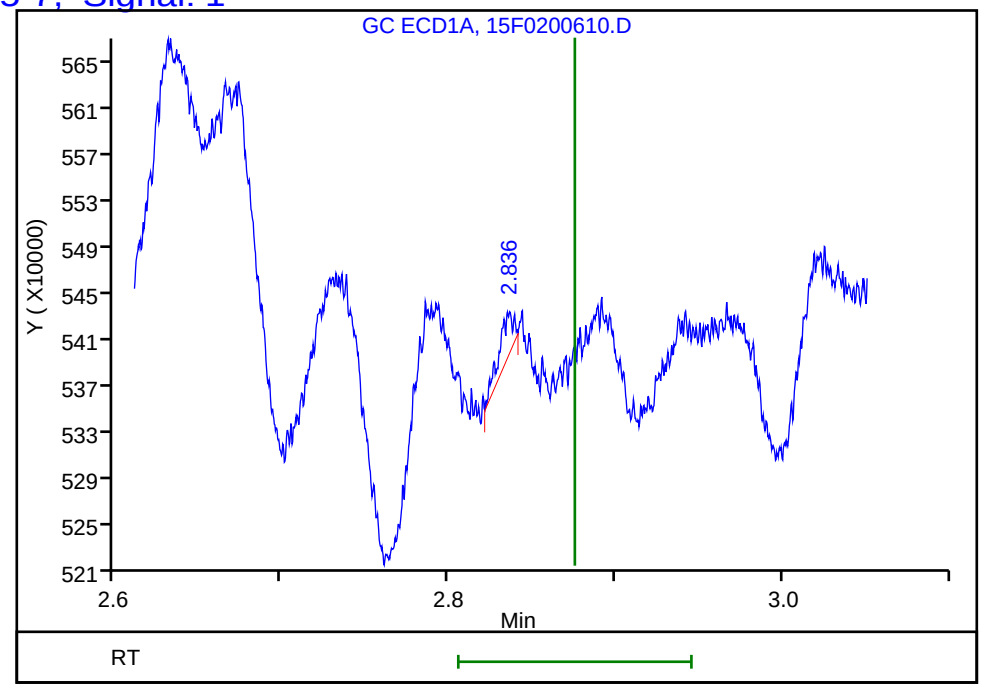
Eurofins Edison

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230421-159396.b\15F0200610.D
Injection Date: 21-Apr-2023 08:56:48 Instrument ID: CPESTGC15
Lims ID: LB 460-904045/1-D
Client ID:
Operator ID: ALS Bottle#: 10 Worklist Smp#: 10
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Method: 8151GC15 Limit Group: SV GC 8151 HERBS ICAL

Column: DB-5 (0.53 mm) Detector GC ECD1A

8 2,4-D, CAS: 94-75-7, Signal: 1

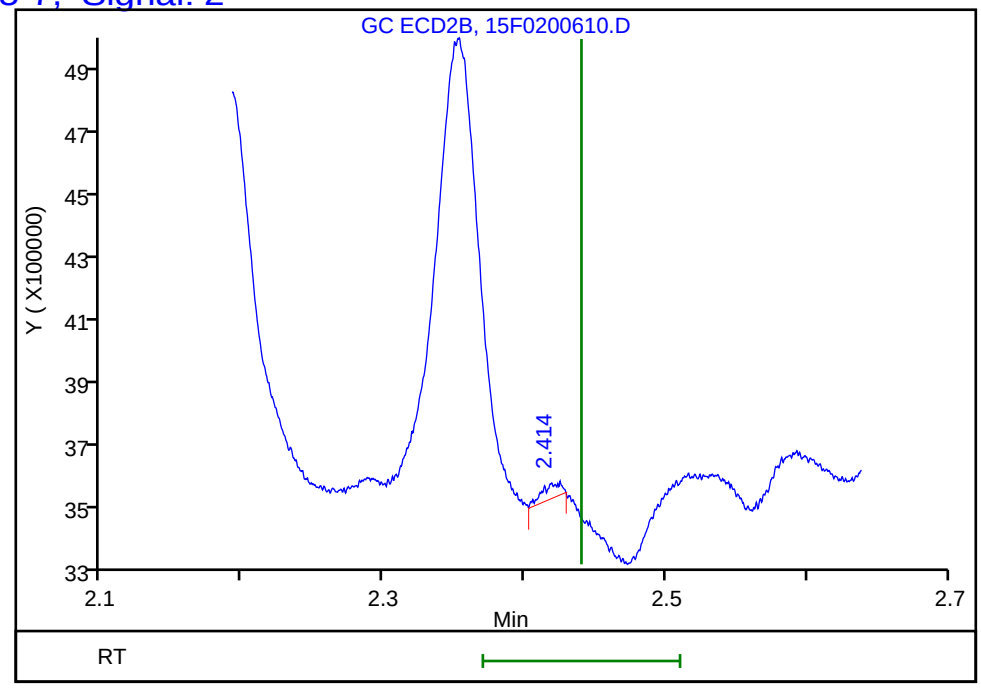
RT: 2.84
Response: 22697
Amount: 0.050293



Column: Rtx-CLP Pest 2 (0.53 mm) Detector GC ECD2B

8 2,4-D, CAS: 94-75-7, Signal: 2

RT: 2.41
Response: 46242
Amount: 0.128175



Reviewer: SE1K, 21-Apr-2023 09:26:26
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-903984/2-A

Matrix: Solid | Lab File ID: 15F0200580.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/19/2023 10:47

Sample wt/vol: 15(mL) | Date Analyzed: 04/20/2023 07:09

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 903996 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	*2,4-D*	*0.108*		*0.083*	*0.083*
93-72-1	*Silvex (2,4,5-TP)*	*0.083*	*U*	*0.083*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	65		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200580.D
Lims ID: LCS 460-903984/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 07:09:13 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159303-003
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.605	0.605	0.000	83983215	400.0	98.4	
2	0.606	0.606	0.000	50379985	400.0	63.2	
						RPD = 43.46	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.058	2.054	0.004	248025996	1000.0	654.2	
2	1.744	1.751	-0.007	229441692	1000.0	689.5	
						RPD = 5.25	
1 Dicamba							
1	2.175	2.172	0.003	144877015	200.0	105.1	
2	1.845	1.853	-0.008	122986255	200.0	105.5	
						RPD = 0.37	
9 MCPP							
1	2.251	2.247	0.004	42081098	40000	28689	
2	1.962	1.970	-0.008	51999258	40000	32905	
						RPD = 13.69	
3 MCPA							
1	2.412	2.409	0.003	67340075	40000	33887	
2	2.050	2.059	-0.009	73806073	40000	36668	
						RPD = 7.88	
5 Dichlorprop							
1	2.649	2.646	0.003	111366819	400.0	283.9	
2	2.285	2.293	-0.008	102414343	400.0	308.5	
						RPD = 8.29	
8 2,4-D							
1	2.877	2.874	0.003	146891729	400.0	325.5	
2	2.431	2.440	-0.009	123901991	400.0	343.4	
						RPD = 5.37	
10 Pentachlorophenol							
1	3.138	3.135	0.003	250460112	100.0	46.7	
2	2.572	2.581	-0.009	212020316	100.0	49.4	
						RPD = 5.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Silvex (2,4,5-TP)							
1	3.476	3.471	0.005	150575474	100.0	75.1	
2	3.010	3.020	-0.010	128450557	100.0	73.7	
						RPD = 1.96	
4 2,4,5-T							
1	3.774	3.771	0.003	161454326	100.0	79.1	
2	3.210	3.216	-0.006	185596616	100.0	113.7	
						RPD = 35.92	
6 2,4-DB							
1	4.169	4.165	0.004	91748801	400.0	322.9	
2	3.612	3.618	-0.006	69284448	400.0	217.0	
						RPD = 39.22	
13 Dinoseb							
1	4.380	4.378	0.002	176120002	400.0	139.0	
2	4.388	4.398	-0.010	173938691	400.0	154.1	
						RPD = 10.29	
7 Picloram							
1	5.170	5.158	0.012	87296950	400.0	29.5	
2	4.277	4.266	0.011	33813451	400.0	16.9	
						RPD = 54.33	

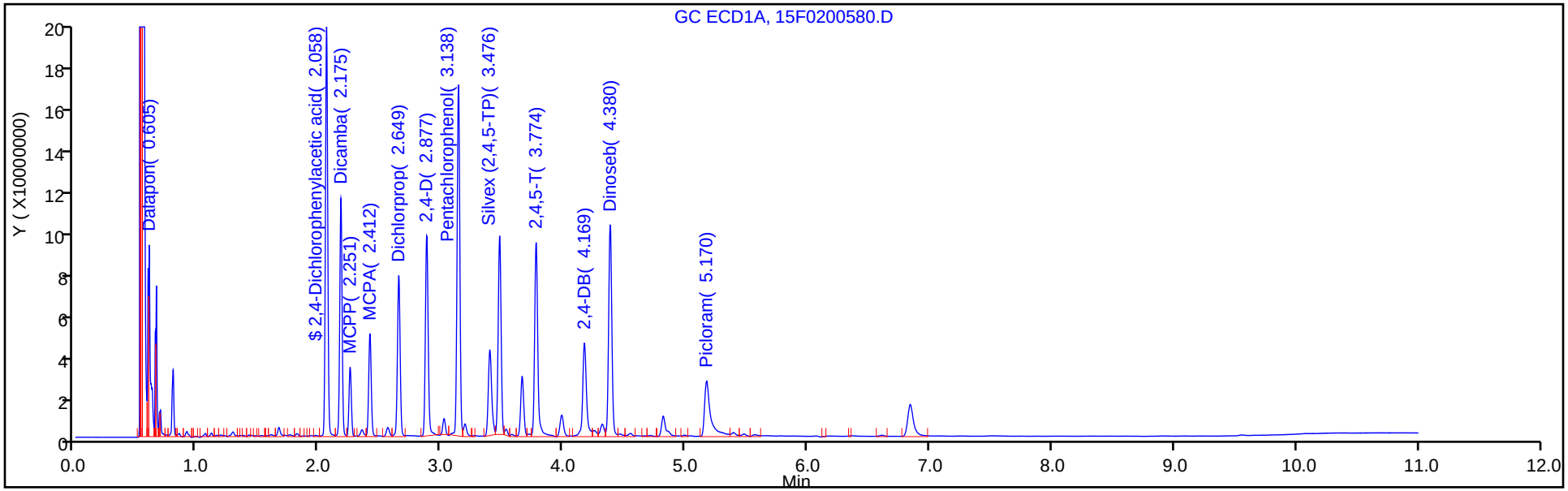
Report Date: 20-Apr-2023 09:01:52 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

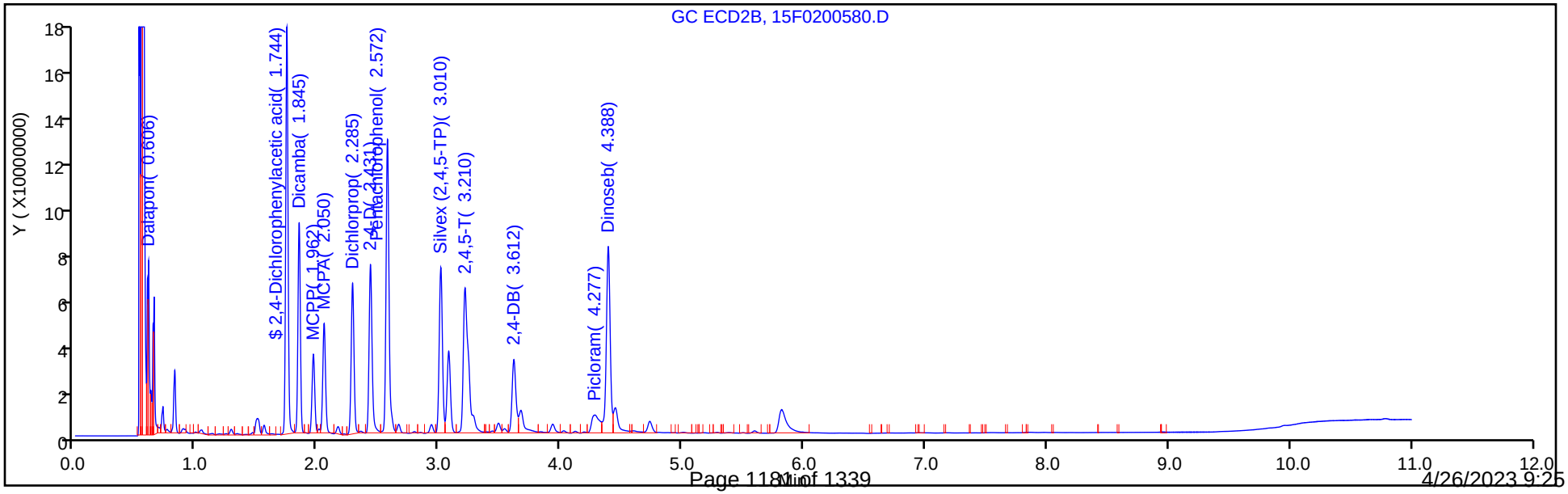
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200580.D

Injection Date:	20-Apr-2023 07:09:13	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	LCS 460-903984/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCS 460-903984/2-A

Matrix: Solid | Lab File ID: 15F0200580.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/19/2023 10:47

Sample wt/vol: 15(mL) | Date Analyzed: 04/20/2023 07:09

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 903996 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.114		0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	69		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200580.D
Lims ID: LCS 460-903984/2-A
Client ID:
Sample Type: LCS
Inject. Date: 20-Apr-2023 07:09:13 ALS Bottle#: 3 Worklist Smp#: 3
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159303-003
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.605	0.605	0.000	83983215	400.0	98.4	
2	0.606	0.606	0.000	50379985	400.0	63.2	
						RPD = 43.46	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.058	2.054	0.004	248025996	1000.0	654.2	
2	1.744	1.751	-0.007	229441692	1000.0	689.5	
						RPD = 5.25	
1 Dicamba							
1	2.175	2.172	0.003	144877015	200.0	105.1	
2	1.845	1.853	-0.008	122986255	200.0	105.5	
						RPD = 0.37	
9 MCPP							
1	2.251	2.247	0.004	42081098	40000	28689	
2	1.962	1.970	-0.008	51999258	40000	32905	
						RPD = 13.69	
3 MCPA							
1	2.412	2.409	0.003	67340075	40000	33887	
2	2.050	2.059	-0.009	73806073	40000	36668	
						RPD = 7.88	
5 Dichlorprop							
1	2.649	2.646	0.003	111366819	400.0	283.9	
2	2.285	2.293	-0.008	102414343	400.0	308.5	
						RPD = 8.29	
8 2,4-D							
1	2.877	2.874	0.003	146891729	400.0	325.5	
2	2.431	2.440	-0.009	123901991	400.0	343.4	
						RPD = 5.37	
10 Pentachlorophenol							
1	3.138	3.135	0.003	250460112	100.0	46.7	
2	2.572	2.581	-0.009	212020316	100.0	49.4	
						RPD = 5.76	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Silvex (2,4,5-TP)							
1	3.476	3.471	0.005	150575474	100.0	75.1	
2	3.010	3.020	-0.010	128450557	100.0	73.7	
						RPD = 1.96	
4 2,4,5-T							
1	3.774	3.771	0.003	161454326	100.0	79.1	
2	3.210	3.216	-0.006	185596616	100.0	113.7	
						RPD = 35.92	
6 2,4-DB							
1	4.169	4.165	0.004	91748801	400.0	322.9	
2	3.612	3.618	-0.006	69284448	400.0	217.0	
						RPD = 39.22	
13 Dinoseb							
1	4.380	4.378	0.002	176120002	400.0	139.0	
2	4.388	4.398	-0.010	173938691	400.0	154.1	
						RPD = 10.29	
7 Picloram							
1	5.170	5.158	0.012	87296950	400.0	29.5	
2	4.277	4.266	0.011	33813451	400.0	16.9	
						RPD = 54.33	

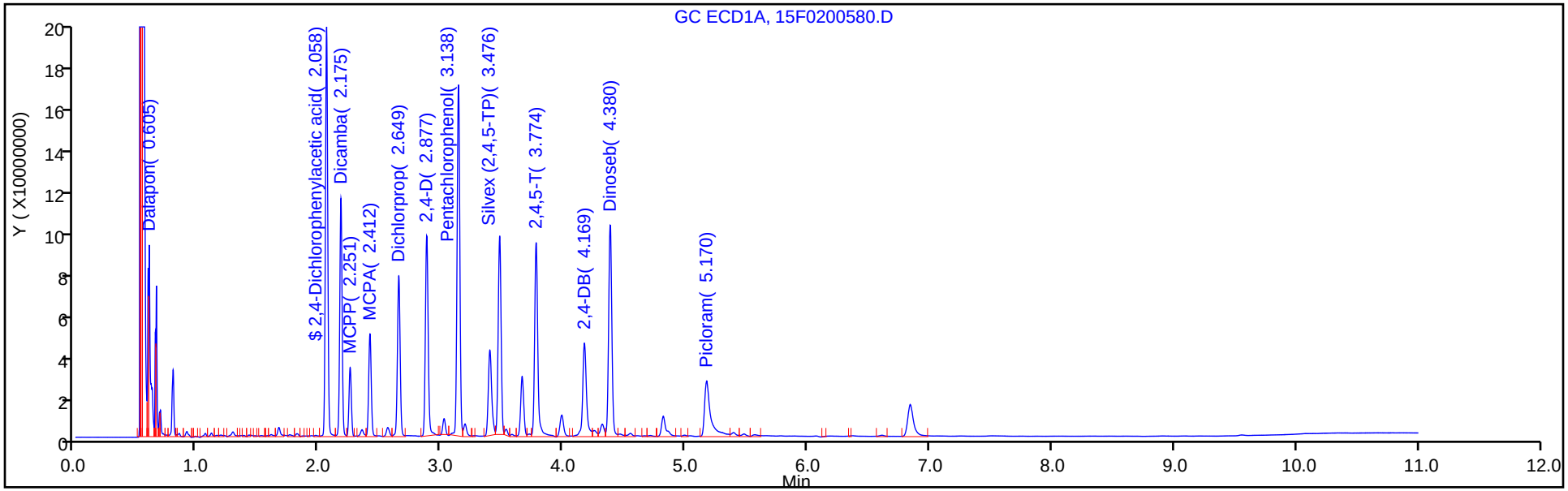
Report Date: 20-Apr-2023 09:01:53 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

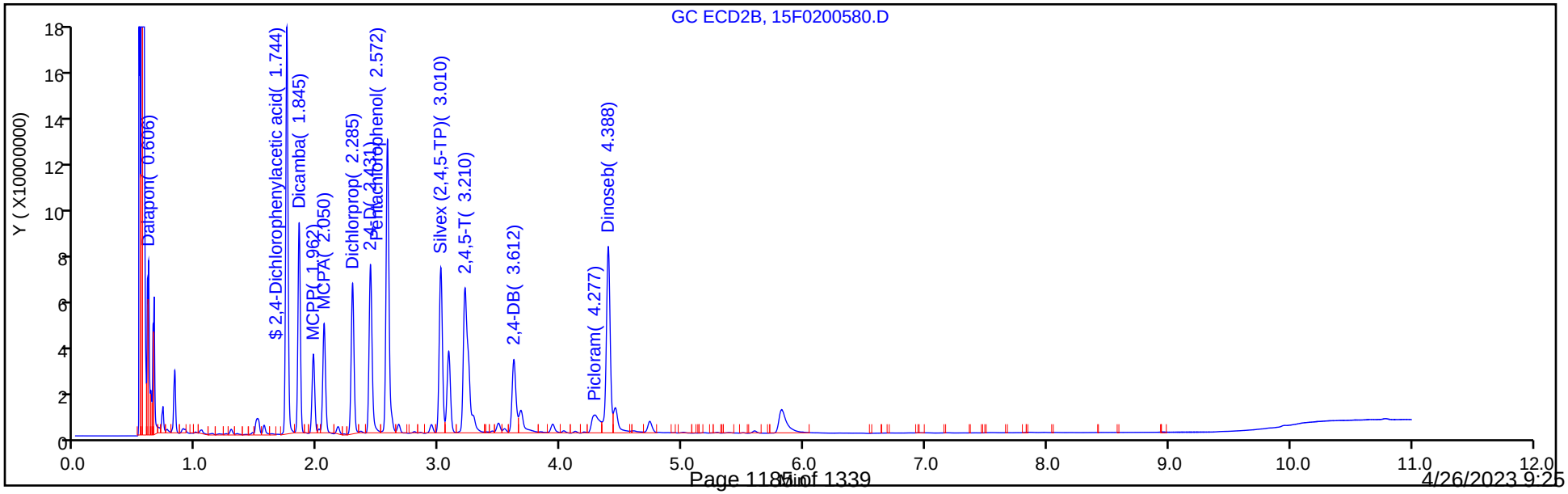
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200580.D

Injection Date:	20-Apr-2023 07:09:13	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	LCS 460-903984/2-A			Worklist Smp#:	3
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-903984/3-A

Matrix: Solid | Lab File ID: 15F0200581.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/19/2023 10:47

Sample wt/vol: 15(mL) | Date Analyzed: 04/20/2023 07:22

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: DB-5 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 903996 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	*2,4-D*	*0.120*		*0.083*	*0.083*
93-72-1	*Silvex (2,4,5-TP)*	*0.083*	*U*	*0.083*	*0.083*

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	71		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200581.D
Lims ID: LCSD 460-903984/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 07:22:40 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159303-004
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.605	0.605	0.000	109184522	400.0	151.9	
2	0.605	0.606	-0.001	93122810	400.0	192.4	
						RPD = 23.54	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.060	2.054	0.006	270924584	1000.0	714.6	
2	1.745	1.751	-0.006	252166922	1000.0	757.8	
						RPD = 5.87	
1 Dicamba							
1	2.178	2.172	0.006	157381365	200.0	114.2	
2	1.845	1.853	-0.008	133180492	200.0	114.3	
						RPD = 0.05	
9 MCPP							
1	2.252	2.247	0.005	46441123	40000	31662	
2	1.962	1.970	-0.008	56823440	40000	35958	
						RPD = 12.71	
3 MCPA							
1	2.415	2.409	0.006	74113871	40000	37296	
2	2.051	2.059	-0.008	80923939	40000	40204	
						RPD = 7.51	
5 Dichlorprop							
1	2.651	2.646	0.005	121945525	400.0	310.9	
2	2.285	2.293	-0.008	112859688	400.0	339.9	
						RPD = 8.93	
8 2,4-D							
1	2.880	2.874	0.006	163002814	400.0	361.2	
2	2.432	2.440	-0.008	139318004	400.0	386.2	
						RPD = 6.68	
10 Pentachlorophenol							
1	3.139	3.135	0.004	270070690	100.0	50.3	
2	2.572	2.581	-0.009	232151905	100.0	54.1	
						RPD = 7.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Silvex (2,4,5-TP)							
1	3.477	3.471	0.006	167126517	100.0	83.4	
2	3.010	3.020	-0.010	141721382	100.0	81.3	
						RPD = 2.56	
4 2,4,5-T							
1	3.776	3.771	0.005	179849210	100.0	88.1	
2	3.210	3.216	-0.006	203705423	100.0	124.8	
						RPD = 34.49	
6 2,4-DB							
1	4.172	4.165	0.007	101518320	400.0	357.3	
2	3.611	3.618	-0.007	77469850	400.0	242.7	
						RPD = 38.21	
13 Dinoseb							
1	4.382	4.378	0.004	182185323	400.0	143.8	
2	4.388	4.398	-0.010	179840273	400.0	159.4	
						RPD = 10.24	
7 Picloram							
1	5.171	5.158	0.013	107170409	400.0	36.2	
2	4.273	4.266	0.007	42730805	400.0	21.4	
						RPD = 51.64	

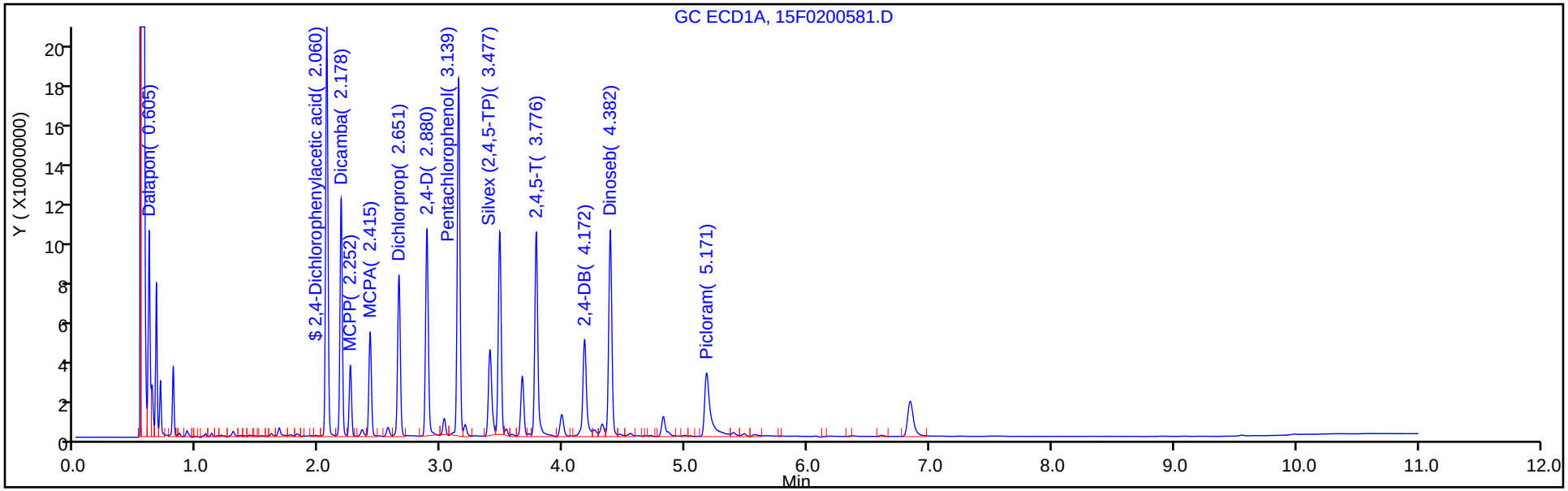
Report Date: 20-Apr-2023 09:01:54 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

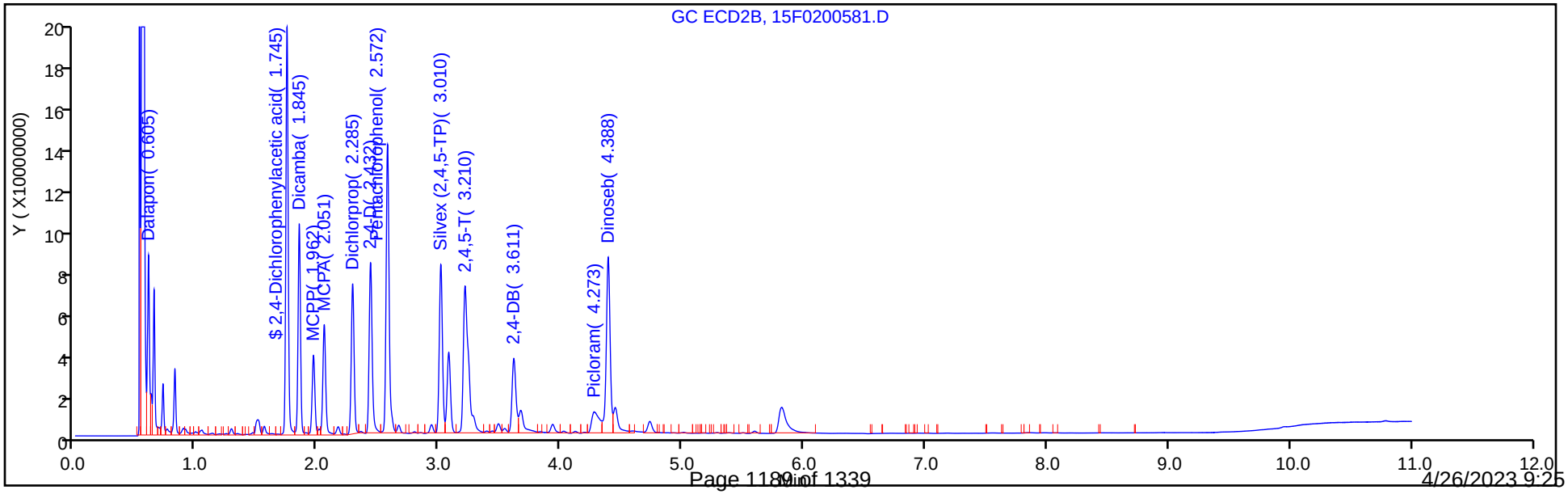
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200581.D

Injection Date:	20-Apr-2023 07:22:40	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	LCSD 460-903984/3-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

FORM I
HERBICIDES ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Edison | Job No.: 460-278409-1

SDG No.:

Client Sample ID: | Lab Sample ID: LCSD 460-903984/3-A

Matrix: Solid | Lab File ID: 15F0200581.D

Analysis Method: 8151A | Date Collected:

Extraction Method: 8151A | Date Extracted: 04/19/2023 10:47

Sample wt/vol: 15(mL) | Date Analyzed: 04/20/2023 07:22

Con. Extract Vol.: 5(mL) | Dilution Factor: 1

Injection Volume: 1(uL) | GC Column: CLP-2 ID: 0.53(mm)

% Moisture: % Solids: | GPC Cleanup:(Y/N) N

Cleanup Factor:

Analysis Batch No.: 903996 | Units: mg/L

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
94-75-7	2,4-D	0.129		0.083	0.083
93-72-1	Silvex (2,4,5-TP)	0.083	U	0.083	0.083

CAS NO.	SURROGATE	%REC	Q	LIMITS
19719-28-9	2,4-Dichlorophenylacetic acid	76		10-150

Eurofins Edison
Target Compound Quantitation Report

Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200581.D
Lims ID: LCSD 460-903984/3-A
Client ID:
Sample Type: LCSD
Inject. Date: 20-Apr-2023 07:22:40 ALS Bottle#: 4 Worklist Smp#: 4
Injection Vol: 1.0 ul Dil. Factor: 1.0000
Sample Info: 460-0159303-004
Operator ID: Instrument ID: CPESTGC15

Method: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\8151GC15.m
Limit Group: SV GC 8151 HERBS ICAL
Last Update: 20-Apr-2023 09:01:49 Calib Date: 28-Nov-2022 12:42:00
Integrator: Falcon
Quant Method: External Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Edison\ChromData\CPESTGC15\20221128-153743.b\15F0017529.D

Column 1 : DB-5 (0.53 mm) Det: GC ECD1A
Column 2 : Rtx-CLP Pest 2 (0.53 mm) Det: GC ECD2B
Process Host: CTX1617

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
12 Dalapon							
1	0.605	0.605	0.000	109184522	400.0	151.9	
2	0.605	0.606	-0.001	93122810	400.0	192.4	
						RPD = 23.54	
$ 11 2,4-Dichlorophenylacetic acid							
1	2.060	2.054	0.006	270924584	1000.0	714.6	
2	1.745	1.751	-0.006	252166922	1000.0	757.8	
						RPD = 5.87	
1 Dicamba							
1	2.178	2.172	0.006	157381365	200.0	114.2	
2	1.845	1.853	-0.008	133180492	200.0	114.3	
						RPD = 0.05	
9 MCPP							
1	2.252	2.247	0.005	46441123	40000	31662	
2	1.962	1.970	-0.008	56823440	40000	35958	
						RPD = 12.71	
3 MCPA							
1	2.415	2.409	0.006	74113871	40000	37296	
2	2.051	2.059	-0.008	80923939	40000	40204	
						RPD = 7.51	
5 Dichlorprop							
1	2.651	2.646	0.005	121945525	400.0	310.9	
2	2.285	2.293	-0.008	112859688	400.0	339.9	
						RPD = 8.93	
8 2,4-D							
1	2.880	2.874	0.006	163002814	400.0	361.2	
2	2.432	2.440	-0.008	139318004	400.0	386.2	
						RPD = 6.68	
10 Pentachlorophenol							
1	3.139	3.135	0.004	270070690	100.0	50.3	
2	2.572	2.581	-0.009	232151905	100.0	54.1	
						RPD = 7.29	

Col	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Silvex (2,4,5-TP)							
1	3.477	3.471	0.006	167126517	100.0	83.4	
2	3.010	3.020	-0.010	141721382	100.0	81.3	
						RPD = 2.56	
4 2,4,5-T							
1	3.776	3.771	0.005	179849210	100.0	88.1	
2	3.210	3.216	-0.006	203705423	100.0	124.8	
						RPD = 34.49	
6 2,4-DB							
1	4.172	4.165	0.007	101518320	400.0	357.3	
2	3.611	3.618	-0.007	77469850	400.0	242.7	
						RPD = 38.21	
13 Dinoseb							
1	4.382	4.378	0.004	182185323	400.0	143.8	
2	4.388	4.398	-0.010	179840273	400.0	159.4	
						RPD = 10.24	
7 Picloram							
1	5.171	5.158	0.013	107170409	400.0	36.2	
2	4.273	4.266	0.007	42730805	400.0	21.4	
						RPD = 51.64	

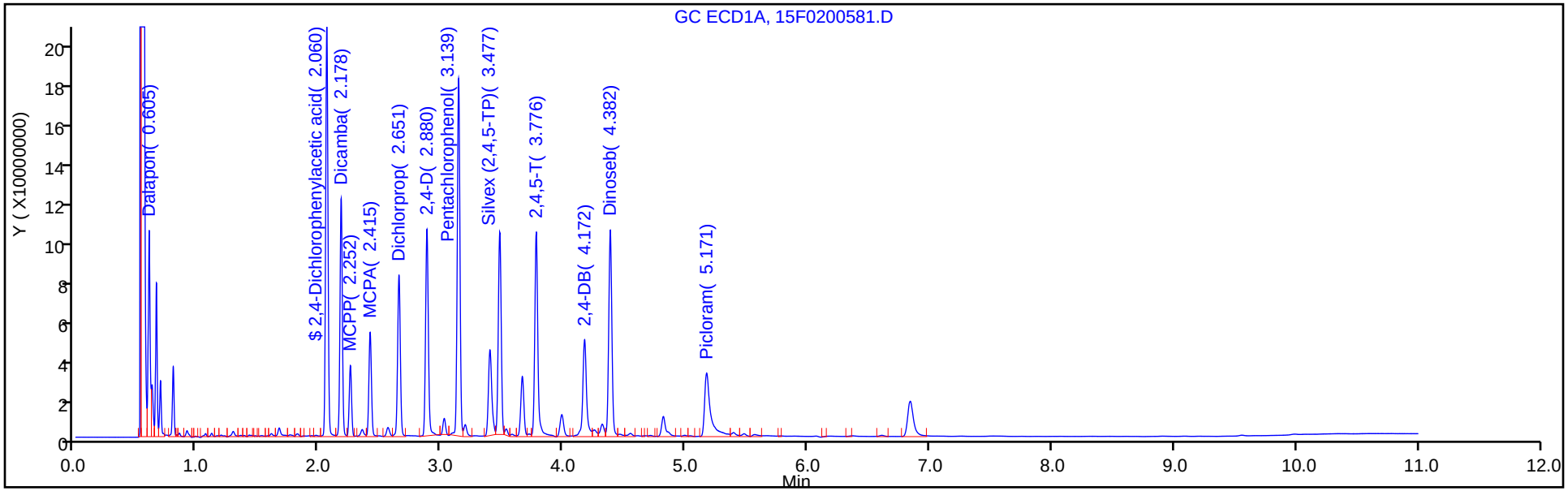
Report Date: 20-Apr-2023 09:01:54 Chrom Revision: 2.3 29-Mar-2023 18:39:10

Eurofins Edison

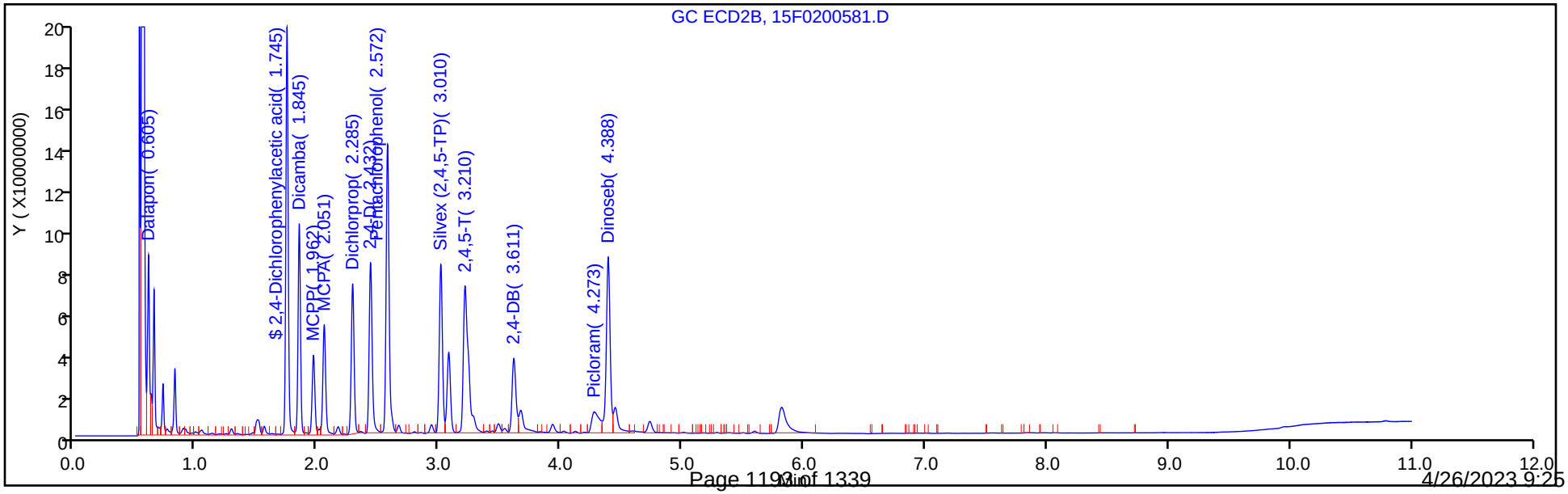
Data File: \\chromfs\Edison\ChromData\CPESTGC15\20230419-159303.b\15F0200581.D

Injection Date:	20-Apr-2023 07:22:40	Instrument ID:	CPESTGC15	Operator ID:	
Lims ID:	LCSD 460-903984/3-A			Worklist Smp#:	4
Client ID:					
Injection Vol:	1.0 ul	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	8151GC15	Limit Group:	SV GC 8151 HERBS ICAL		

Column: DB-5 (0.53 mm)



Column: Rtx-CLP Pest 2 (0.53 mm)



4/26/2023 9:25 PM

HERBICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC15 Start Date: 11/28/2022 11:34

Analysis Batch Number: 880013 End Date: 11/28/2022 13:37

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
IC 460-880013/2		11/28/2022 11:34	1	15F0017524.D	DB-5 0.53(mm)
IC 460-880013/2		11/28/2022 11:34	1	15F0017524.D	CLP-2 0.53(mm)
IC 460-880013/3		11/28/2022 11:47	1	15F0017525.D	DB-5 0.53(mm)
IC 460-880013/3		11/28/2022 11:47	1	15F0017525.D	CLP-2 0.53(mm)
IC 460-880013/4		11/28/2022 12:01	1	15F0017526.D	DB-5 0.53(mm)
IC 460-880013/4		11/28/2022 12:01	1	15F0017526.D	CLP-2 0.53(mm)
IC 460-880013/5 ICRT		11/28/2022 12:14	1	15F0017527.D	DB-5 0.53(mm)
IC 460-880013/5 ICRT		11/28/2022 12:14	1	15F0017527.D	CLP-2 0.53(mm)
IC 460-880013/6		11/28/2022 12:28	1	15F0017528.D	DB-5 0.53(mm)
IC 460-880013/6		11/28/2022 12:28	1	15F0017528.D	CLP-2 0.53(mm)
IC 460-880013/7		11/28/2022 12:42	1	15F0017529.D	DB-5 0.53(mm)
IC 460-880013/7		11/28/2022 12:42	1	15F0017529.D	CLP-2 0.53(mm)
ICV 460-880013/8		11/28/2022 13:37	1	15F0017530.D	DB-5 0.53(mm)
ICV 460-880013/8		11/28/2022 13:37	1	15F0017530.D	CLP-2 0.53(mm)

HERBICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC15 Start Date: 04/20/2023 06:38

Analysis Batch Number: 903996 End Date: 04/20/2023 15:06

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-903996/1		04/20/2023 06:38	1	15F0200578.D	DB-5 0.53(mm)
CCVRT 460-903996/1		04/20/2023 06:38	1	15F0200578.D	CLP-2 0.53(mm)
MB 460-903984/1-A		04/20/2023 06:55	1	15F0200579.D	DB-5 0.53(mm)
MB 460-903984/1-A		04/20/2023 06:55	1	15F0200579.D	CLP-2 0.53(mm)
LCS 460-903984/2-A		04/20/2023 07:09	1	15F0200580.D	DB-5 0.53(mm)
LCS 460-903984/2-A		04/20/2023 07:09	1	15F0200580.D	CLP-2 0.53(mm)
LCSD 460-903984/3-A		04/20/2023 07:22	1	15F0200581.D	DB-5 0.53(mm)
LCSD 460-903984/3-A		04/20/2023 07:22	1	15F0200581.D	CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:36	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 07:36	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 07:49	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 07:49	1		CLP-2 0.53(mm)
CCV 460-903996/7		04/20/2023 08:03	1	15F0200584.D	DB-5 0.53(mm)
CCV 460-903996/7		04/20/2023 08:03	1	15F0200584.D	CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:04	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 10:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:17	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 10:17	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 10:31	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 10:31	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:37	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 12:37	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 12:51	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 12:51	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 13:04	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 13:04	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 13:18	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 13:18	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 13:31	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 13:31	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 13:45	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 13:45	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 13:59	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 13:59	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 14:12	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 14:12	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 14:26	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 14:26	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 14:39	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 14:39	1		CLP-2 0.53(mm)
ZZZZZ		04/20/2023 14:53	1		DB-5 0.53(mm)
ZZZZZ		04/20/2023 14:53	1		CLP-2 0.53(mm)
CCV 460-903996/22		04/20/2023 15:06	1		DB-5 0.53(mm)
CCV 460-903996/22		04/20/2023 15:06	1		CLP-2 0.53(mm)

8151A

HERBICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC15 Start Date: 04/21/2023 06:45

Analysis Batch Number: 904381 End Date: 04/21/2023 13:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
CCVRT 460-904381/1		04/21/2023 06:45	1	15F0200601.D	DB-5 0.53(mm)
CCVRT 460-904381/1		04/21/2023 06:45	1	15F0200601.D	CLP-2 0.53(mm)
ZZZZZ		04/21/2023 07:21	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 07:21	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 07:35	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 07:35	1		CLP-2 0.53(mm)
460-278409-1	WC-A-E-1(0-3)	04/21/2023 07:48	1	15F0200605.D	DB-5 0.53(mm)
460-278409-1	WC-A-E-1(0-3)	04/21/2023 07:48	1	15F0200605.D	CLP-2 0.53(mm)
460-278409-7	WC-A-E-2(0-3)	04/21/2023 08:02	1	15F0200606.D	DB-5 0.53(mm)
460-278409-7	WC-A-E-2(0-3)	04/21/2023 08:02	1	15F0200606.D	CLP-2 0.53(mm)
460-278409-13	WC-A-E-3(0-3)	04/21/2023 08:16	1	15F0200607.D	DB-5 0.53(mm)
460-278409-13	WC-A-E-3(0-3)	04/21/2023 08:16	1	15F0200607.D	CLP-2 0.53(mm)
460-278409-19	WC-A-E-4(0-3)	04/21/2023 08:29	1	15F0200608.D	DB-5 0.53(mm)
460-278409-19	WC-A-E-4(0-3)	04/21/2023 08:29	1	15F0200608.D	CLP-2 0.53(mm)
ZZZZZ		04/21/2023 08:43	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 08:43	1		CLP-2 0.53(mm)
LB 460-904045/1-D		04/21/2023 08:56	1	15F0200610.D	DB-5 0.53(mm)
LB 460-904045/1-D		04/21/2023 08:56	1	15F0200610.D	CLP-2 0.53(mm)
CCV 460-904381/11		04/21/2023 09:10	1	15F0200611.D	DB-5 0.53(mm)
CCV 460-904381/11		04/21/2023 09:10	1	15F0200611.D	CLP-2 0.53(mm)
ZZZZZ		04/21/2023 09:28	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 09:28	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 09:42	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 09:42	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 09:55	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 09:55	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 10:09	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 10:09	1		CLP-2 0.53(mm)
CCV 460-904381/16		04/21/2023 10:22	1		DB-5 0.53(mm)
CCV 460-904381/16		04/21/2023 10:22	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 10:41	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 10:41	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 10:55	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 10:55	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 11:08	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 11:08	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 11:22	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 11:22	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 11:35	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 11:35	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 11:49	5		DB-5 0.53(mm)
ZZZZZ		04/21/2023 11:49	5		CLP-2 0.53(mm)
CCV 460-904381/23		04/21/2023 12:02	1		DB-5 0.53(mm)
CCV 460-904381/23		04/21/2023 12:02	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 12:18	1		DB-5 0.53(mm)

HERBICIDES ANALYSIS RUN LOG

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: CPESTGC15 Start Date: 04/21/2023 06:45

Analysis Batch Number: 904381 End Date: 04/21/2023 13:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
ZZZZZ		04/21/2023 12:18	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 12:32	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 12:32	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 12:45	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 12:45	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 12:59	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 12:59	1		CLP-2 0.53(mm)
ZZZZZ		04/21/2023 13:12	1		DB-5 0.53(mm)
ZZZZZ		04/21/2023 13:12	1		CLP-2 0.53(mm)
CCV 460-904381/29		04/21/2023 13:26	1		DB-5 0.53(mm)
CCV 460-904381/29		04/21/2023 13:26	1		CLP-2 0.53(mm)

HERBICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 880013 Batch Start Date: 11/28/22 11:34 Batch Analyst: Kapoor, Sita

Batch Method: 8151A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	SGHB MIX ICV 00020	SGHERBL1 00003	SGHERBL2 00002	SGHERBL3 00002	SGHERBL4 00002
IC 460-880013/2		8151A		1 mL		1 mL			
IC 460-880013/3		8151A		1 mL			1 mL		
IC 460-880013/4		8151A		1 mL				1 mL	
IC 460-880013/5 ICRT		8151A		1 mL					1 mL
IC 460-880013/6		8151A		1 mL					
IC 460-880013/7		8151A		1 mL					
ICV 460-880013/8		8151A		1 mL	1 mL				

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGHERBL5 00003	SGHERBL6 00001				
IC 460-880013/2		8151A							
IC 460-880013/3		8151A							
IC 460-880013/4		8151A							
IC 460-880013/5 ICRT		8151A							
IC 460-880013/6		8151A		1 mL					
IC 460-880013/7		8151A			1 mL				
ICV 460-880013/8		8151A							

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HERBICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903984 Batch Start Date: 04/19/23 10:47 Batch Analyst: Huma, Zill E

Batch Method: 8151A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	ReceivedpH	FirstAdjustpH	SecondAdjustpH	OP_HERB_SU 00042
MB 460-903984/1		8151A, 8151A		15 mL	5 mL	7 SU	> 12 SU	< 2 SU	50 uL
LCS 460-903984/2		8151A, 8151A		15 mL	5 mL	7 SU	> 12 SU	< 2 SU	50 uL
LCSD 460-903984/3		8151A, 8151A		15 mL	5 mL	7 SU	> 12 SU	< 2 SU	50 uL
LB 460-904045/1-A		8151A, 8151A		15 mL	5 mL	5 SU	> 12 SU	< 2 SU	50 uL
460-278409-M-1-A	WC-A-E-1(0-3)	8151A, 8151A	P	15 mL	5 mL		> 12 SU	< 2 SU	50 uL
460-278409-M-7-A	WC-A-E-2(0-3)	8151A, 8151A	P	15 mL	5 mL		> 12 SU	< 2 SU	50 uL
460-278409-M-13-A	WC-A-E-3(0-3)	8151A, 8151A	P	15 mL	5 mL		> 12 SU	< 2 SU	50 uL
460-278409-M-19-A	WC-A-E-4(0-3)	8151A, 8151A	P	15 mL	5 mL		> 12 SU	< 2 SU	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Basis	OP_Herbsp RTS 00009	AnalysisComment				
MB 460-903984/1		8151A, 8151A							
LCS 460-903984/2		8151A, 8151A		100 uL					
LCSD 460-903984/3		8151A, 8151A		100 uL					
LB 460-904045/1-A		8151A, 8151A			Added sample				
460-278409-M-1-A	WC-A-E-1(0-3)	8151A, 8151A	P		Added sample				
460-278409-M-7-A	WC-A-E-2(0-3)	8151A, 8151A	P		Added sample				
460-278409-M-13-A	WC-A-E-3(0-3)	8151A, 8151A	P		Added sample				
460-278409-M-19-A	WC-A-E-4(0-3)	8151A, 8151A	P		Added sample				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HERBICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 903984 Batch Start Date: 04/19/23 10:47 Batch Analyst: Huma, Zill E

Batch Method: 8151A Batch End Date:

Batch Notes	
Balance ID	12
Sulfuric Acid Lot Number	276386
pH Indicator ID	HC-178690
Analyst ID - Extraction	zh
Analyst ID - Spike Analyst	zh
Analyst ID - Spike Witness Analyst	AB
Sufficient Volume for Batch QC	yes
Acid Used for pH Adjustment ID	OP3045
Diethyl Ether ID	Fisher: 213532
Acidified Na2SO4 ID	213134
Analyst ID - Concentration	zh
NaOH Start Time - 1 Hour	03/21/2023 20:21
NaOH End Time - 1 Hour	03/21/2023 23:30
Methylation Start Time - 1 Hour	03/27/2023 20:19
Diazald ID	SHBM4412
Potassium Hydroxide ID	OP3043
Carbitol ID	09613JEV
Silica Gel ID	21I0761055
Hexane ID	21I1462009
Methanol ID	43215
Batch Comment	HERB TCLP

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HERBICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904045 Batch Start Date: 04/19/23 16:08 Batch Analyst: Hu, Youhao

Batch Method: 1311 Batch End Date: 04/20/23 08:08

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VesselNumber	EFD_InitialpH	EFD_AddHClpH>5	FiltCompDate
LB 460-904045/1		1311, 8151A, 8151A		100.00 g	2000 mL	19	4.92 SU		04/20/23
460-278409-M-1	WC-A-E-1(0-3)	1311, 8151A, 8151A	P	100.03 g	2000 mL	30	7.12 SU	1.39	04/20/23
460-278409-M-7	WC-A-E-2(0-3)	1311, 8151A, 8151A	P	100.05 g	2000 mL	31	6.58 SU	1.40	04/20/23
460-278409-M-13	WC-A-E-3(0-3)	1311, 8151A, 8151A	P	100.06 g	2000 mL	32	5.26 SU	1.37	04/20/23
460-278409-M-19	WC-A-E-4(0-3)	1311, 8151A, 8151A	P	100.02 g	2000 mL	33	7.73 SU	1.34	04/20/23

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
LB 460-904045/1		1311, 8151A, 8151A		0830	4.94 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-1	WC-A-E-1(0-3)	1311, 8151A, 8151A	P	0920	4.98 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-7	WC-A-E-2(0-3)	1311, 8151A, 8151A	P	0925	4.98 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-13	WC-A-E-3(0-3)	1311, 8151A, 8151A	P	0930	4.94 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-19	WC-A-E-4(0-3)	1311, 8151A, 8151A	P	0935	5.04 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

HERBICIDES BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904045 Batch Start Date: 04/19/23 16:08 Batch Analyst: Hu, Youhao

Batch Method: 1311 Batch End Date: 04/20/23 08:08

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	B
Room Temperature Thermometer ID	Ambient ID S72864; Temp 22.6
TCLP Fluid 1 ID	TF1041323; Prep. on 04/13/23; exp. on 10/13/23
TCLP Fluid 1 pH	4.92
1N HCl ID	1N HCl, TCLP 3101, Exp. 8/11/2023
Filter ID	Env. Express/400204-2342-T
Uncorrected Maximum Temperature	22.1 Degrees C
Maximum Temperature	22.1 Degrees C
Uncorrected Minimum Temperature	22.9 Degrees C
Minimum Temperature	22.9 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG No.:

Project: Vo-Toys, Harrison, NJ Site

Client Sample ID	Lab Sample ID
WC-A-E-1(0-3)	460-278409-1
WC-A-E-1(0-3)a	460-278409-2
WC-A-E-1(0-3)b	460-278409-3
WC-A-E-1(0-3)c	460-278409-4
WC-A-E-1(0-3)d	460-278409-5
WC-A-E-1(0-3)e	460-278409-6
WC-A-E-2(0-3)	460-278409-7
WC-A-E-2(0-3)a	460-278409-8
WC-A-E-2(0-3)b	460-278409-9
WC-A-E-2(0-3)c	460-278409-10
WC-A-E-2(0-3)d	460-278409-11
WC-A-E-2(0-3)e	460-278409-12
WC-A-E-3(0-3)	460-278409-13
WC-A-E-3(0-3)a	460-278409-14
WC-A-E-3(0-3)b	460-278409-15
WC-A-E-3(0-3)c	460-278409-16
WC-A-E-3(0-3)d	460-278409-17
WC-A-E-3(0-3)e	460-278409-18
WC-A-E-4(0-3)	460-278409-19
WC-A-E-4(0-3)a	460-278409-20
WC-A-E-4(0-3)b	460-278409-21
WC-A-E-4(0-3)c	460-278409-22
WC-A-E-4(0-3)d	460-278409-23
WC-A-E-4(0-3)e	460-278409-24

Comments:

COVER PAGE
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Job Number: 460-278409-1

SDG No.:

Project: Vo-Toys, Harrison, NJ Site

Client Sample ID	Lab Sample ID
WC-A-E-1(0-3)	460-278409-1
WC-A-E-2(0-3)	460-278409-7
WC-A-E-3(0-3)	460-278409-13
WC-A-E-4(0-3)	460-278409-19

Comments:

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-1(0-3)
Lab Sample ID: 460-278409-1
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 13:40
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	25.0	25.0	25.0	mg/Kg	U		1	9014
	Sulfide, Reactive	17.4	20.0	17.4	mg/Kg	U		1	9034
	Burn Rate	2.20	2.20	2.20	mm/sec	U		1	1030
	pH	7.0			SU		HF	1	9045D
	Free Liquid	0.500	0.500	0.500	mL/100g	U		1	9095B
	Total Solids	91.0	0.10	0.10	%			1	SM 2540G
	Total Volatile Solids	1.2	0.10	0.10	%			1	SM 2540G

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - TCLP

Client Sample ID: WC-A-E-1(0-3)
Lab Sample ID: 460-278409-1
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 13:40
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	pH	5.0			SU			1	9040C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: WC-A-E-1(0-3)
Lab Sample ID: 460-278409-1
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 13:40
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Chemical Oxygen Demand	3.3	10.0	3.3	mg/L	U		1	SM 5220D
	HEM	28.0	99.9	28.0	mg/L	U		1	1664A
7664-41-7	Ammonia (as N)	0.061	0.10	0.050	mg/L	J		1	4500 NH3 H
	Total Solids	99.0	2.5	2.5	mg/L			1	SM 2540B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-2(0-3) Lab Sample ID: 460-278409-7

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2023 11:00

Reporting Basis: WET Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	25.0	25.0	25.0	mg/Kg	U		1	9014
	Sulfide, Reactive	17.4	20.0	17.4	mg/Kg	U		1	9034
	Burn Rate	2.20	2.20	2.20	mm/sec	U		1	1030
	pH	7.9			SU		HF	1	9045D
	Free Liquid	0.500	0.500	0.500	mL/100g	U		1	9095B
	Total Solids	90.8	0.10	0.10	%			1	SM 2540G
	Total Volatile Solids	1.1	0.10	0.10	%			1	SM 2540G

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - TCLP

Client Sample ID: WC-A-E-2(0-3)
Lab Sample ID: 460-278409-7
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 11:00
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	pH	5.0			SU			1	9040C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: WC-A-E-2(0-3) Lab Sample ID: 460-278409-7

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2023 11:00

Reporting Basis: WET Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Chemical Oxygen Demand	3.3	10.0	3.3	mg/L	U		1	SM 5220D
	HEM	28.0	100	28.0	mg/L	U		1	1664A
7664-41-7	Ammonia (as N)	0.050	0.10	0.050	mg/L	U		1	4500 NH3 H
	Total Solids	108	2.5	2.5	mg/L			1	SM 2540B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-3(0-3)
Lab Sample ID: 460-278409-13
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 12:10
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	25.0	25.0	25.0	mg/Kg	U		1	9014
	Sulfide, Reactive	17.4	20.0	17.4	mg/Kg	U		1	9034
	Burn Rate	2.20	2.20	2.20	mm/sec	U		1	1030
	pH	6.2			SU		HF	1	9045D
	Free Liquid	0.500	0.500	0.500	mL/100g	U		1	9095B
	Total Solids	92.1	0.10	0.10	%			1	SM 2540G
	Total Volatile Solids	1.0	0.10	0.10	%			1	SM 2540G

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - TCLP

Client Sample ID: WC-A-E-3(0-3)
Lab Sample ID: 460-278409-13
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 12:10
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	pH	4.9			SU			1	9040C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: WC-A-E-3(0-3) Lab Sample ID: 460-278409-13

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2023 12:10

Reporting Basis: WET Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Chemical Oxygen Demand	3.3	10.0	3.3	mg/L	U		1	SM 5220D
	HEM	28.0	99.9	28.0	mg/L	U		1	1664A
7664-41-7	Ammonia (as N)	0.050	0.10	0.050	mg/L	U		1	4500 NH3 H
	Total Solids	95.0	2.5	2.5	mg/L			1	SM 2540B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-4(0-3)
Lab Sample ID: 460-278409-19
Lab Name: Eurofins Edison
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 10:20
Reporting Basis: WET
Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Cyanide, Reactive	25.0	25.0	25.0	mg/Kg	U		1	9014
	Sulfide, Reactive	17.4	20.0	17.4	mg/Kg	U		1	9034
	Burn Rate	2.20	2.20	2.20	mm/sec	U		1	1030
	pH	8.0			SU		HF	1	9045D
	Free Liquid	0.500	0.500	0.500	mL/100g	U		1	9095B
	Total Solids	91.5	0.10	0.10	%			1	SM 2540G
	Total Volatile Solids	1.2	0.10	0.10	%			1	SM 2540G

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - TCLP

Client Sample ID: WC-A-E-4(0-3) Lab Sample ID: 460-278409-19

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2023 10:20

Reporting Basis: WET Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	pH	5.0			SU			1	9040C

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY - ASTM LEACH

Client Sample ID: WC-A-E-4(0-3) Lab Sample ID: 460-278409-19

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG ID.:

Matrix: Solid Date Sampled: 04/17/2023 10:20

Reporting Basis: WET Date Received: 04/17/2023 15:17

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	Chemical Oxygen Demand	3.3	10.0	3.3	mg/L	U		1	SM 5220D
	HEM	28.0	99.9	28.0	mg/L	U		1	1664A
7664-41-7	Ammonia (as N)	0.050	0.10	0.050	mg/L	U		1	4500 NH3 H
	Total Solids	108	2.5	2.5	mg/L			1	SM 2540B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-1(0-3)
Lab Sample ID: 460-278409-1
Lab Name: Eurofins Lancaster Laboratories Environment T
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 13:40
Reporting Basis: DRY
Date Received: 04/17/2023 15:17
% Solids: 90.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	HEM (Oil & Grease)	217	650	217	mg/Kg	U		1	9071B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-2(0-3)
Lab Sample ID: 460-278409-7
Lab Name: Eurofins Lancaster Laboratories Environment T
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 11:00
Reporting Basis: DRY
Date Received: 04/17/2023 15:17
% Solids: 91.0

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	HEM (Oil & Grease)	216	648	216	mg/Kg	U		1	9071B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-3(0-3)
Lab Sample ID: 460-278409-13
Lab Name: Eurofins Lancaster Laboratories Environment T
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 12:10
Reporting Basis: DRY
Date Received: 04/17/2023 15:17
% Solids: 91.7

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	HEM (Oil & Grease)	214	643	214	mg/Kg	U		1	9071B

1B-IN
INORGANIC ANALYSIS DATA SHEET
GENERAL CHEMISTRY

Client Sample ID: WC-A-E-4(0-3)
Lab Sample ID: 460-278409-19
Lab Name: Eurofins Lancaster Laboratories Environment T
Job No.: 460-278409-1
SDG ID.:
Matrix: Solid
Date Sampled: 04/17/2023 10:20
Reporting Basis: DRY
Date Received: 04/17/2023 15:17
% Solids: 91.8

CAS No.	Analyte	Result	RL	MDL	Units	C	Q	DIL	Method
	HEM (Oil & Grease)	215	644	215	mg/Kg	U		1	9071B

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Analyst: HTV Batch Start Date: 04/21/2023

Reporting Units: mg/L Analytical Batch No.: 904487

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	ICV	17:31	Chemical Oxygen Demand	75.35	75.0	100	95-105		WTcodSecond_00029
2	ICB	17:31	Chemical Oxygen Demand	3.3				U	
13	CCV	17:31	Chemical Oxygen Demand	75.98	75.0	101	95-105		WTcodSecond_00029
14	CCB	17:31	Chemical Oxygen Demand	3.3				U	
25	CCV	17:31	Chemical Oxygen Demand	75.03	75.0	100	95-105		WTcodSecond_00029
26	CCB	17:31	Chemical Oxygen Demand	3.3				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Analyst: AXP Batch Start Date: 04/21/2023

Reporting Units: mg/L Analytical Batch No.: 904470

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
12	ICV	14:21	Ammonia (as N)	10.30	10.0	103	90-110		WTamnSS1_00016
13	ICB	14:27	Ammonia (as N)	0.050				U	
24	CCV	14:47	Ammonia (as N)	10.30	10.0	103	90-110		WTamnSS1_00016
25	CCB	14:53	Ammonia (as N)	0.050				U	
36	CCV	15:13	Ammonia (as N)	9.95	10.0	100	90-110		WTamnSS1_00016
37	CCB	15:19	Ammonia (as N)	0.050				U	
49	CCV	15:58	Ammonia (as N)	10.40	10.0	104	90-110		WTamnSS1_00016
50	CCB	16:04	Ammonia (as N)	0.050				U	

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

2-IN
CALIBRATION QUALITY CONTROL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Analyst: YAH Batch Start Date: 04/21/2023

Reporting Units: SU Analytical Batch No.: 904454

Sample Number	QC Type	Time	Analyte	Result	Spike Amount	(%) Recovery	Limits	Qual	Reagent
1	CCV	10:46	pH	7.0	7.00	100	99-101		WTpHCCV_00041
11	CCV	11:10	pH	7.0	7.00	100	99-101		WTpHCCV_00041
22	CCV	11:38	pH	7.0	7.00	100	99-101		WTpHCCV_00041

Note! Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM II-IN

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 904838	Date: 04/24/2023 10:00						
1664A	MB 460-904838/1	HEM	1.4	U	mg/L	5.0	1
Batch ID: 904470	Date: 04/21/2023 14:34						
4500 NH3 H	MB 460-904470/15	Ammonia (as N)	0.050	U	mg/L	0.10	1
Batch ID: 904052	Date: 04/19/2023 15:00	Prep Batch: 904047	Date: 04/19/2023 10:00				
9014	MB 460-904047/1-A	Cyanide, Reactive	25.0	U	mg/Kg	25.0	1
Batch ID: 904050	Date: 04/19/2023 15:00	Prep Batch: 904043	Date: 04/19/2023 10:00				
9034	MB 460-904043/1-A	Sulfide, Reactive	17.4	U	mg/Kg	20.0	1
Batch ID: 904224	Date: 04/20/2023 13:03						
SM 2540B	MB 460-904224/1	Total Solids	2.5	U	mg/L	2.5	1
Batch ID: 904487	Date: 04/21/2023 17:31						
SM 5220D	MB 460-904487/4	Chemical Oxygen Demand	3.3	U	mg/L	10.0	1

3-IN
TCLP SPLPE LEACHATE BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 904838 Date: 04/24/2023 10:00							
1664A	LB 460-904048/1-A	HEM	28.0	U	mg/L	100	1
Batch ID: 904470 Date: 04/21/2023 14:37							
4500 NH3 H	LB 460-904049/1-A	Ammonia (as N)	0.050	U	mg/L	0.10	1
Batch ID: 904470 Date: 04/21/2023 14:44							
4500 NH3 H	LB 460-904048/1-A	Ammonia (as N)	1.0	U	mg/L	2.0	1
Batch ID: 904224 Date: 04/20/2023 13:03							
SM 2540B	LB 460-904049/1-A	Total Solids	2.5	U	mg/L	2.5	1
Batch ID: 904487 Date: 04/21/2023 17:31							
SM 5220D	LB 460-904049/1-A	Chemical Oxygen Demand	3.3	U	mg/L	10.0	1
Batch ID: 904487 Date: 04/21/2023 17:31							
SM 5220D	LB 460-904048/1-A	Chemical Oxygen Demand	65.8	U	mg/L	200	1

3-IN
METHOD BLANK
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-278409-1

SDG No.:

Method	Lab Sample ID	Analyte	Result	Qual	Units	RL	Dil
Batch ID: 368055	Date: 04/25/2023 00:55	Prep Batch: 367944	Date: 04/24/2023 17:33				
9071B	MB 410-367944/1-A	HEM (Oil & Grease)	200	U	mg/Kg	599	1

FORM III-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904838 Date: 04/24/2023 10:00											
1664A	460-278491-B-1	HEM	1.5	U	mg/L						
1664A	460-278491-B-1 MS	HEM	34.95		mg/L	42.1	83	78-114			
Batch ID: 904470 Date: 04/21/2023 15:34											
4500 NH3 H	460-278559-H-2	Ammonia (as N)	0.11		mg/L						F1
4500 NH3 H	460-278559-H-2 MS	Ammonia (as N)	1.69		mg/L	2.00	79	89-113			F1
Batch ID: 904050 Date: 04/19/2023 15:00 Prep Batch: 904043 Date: 04/19/2023 10:00											
9034	460-278396-I-3-B	Sulfide, Reactive	17.4	U	mg/Kg						F1
9034	460-278396-I-3-B MS	Sulfide, Reactive	168.3		mg/Kg	353	48	64-136			F1
Batch ID: 904487 Date: 04/21/2023 17:31											
SM 5220D	460-278484-E-1	Chemical Oxygen Demand	3.3	U	mg/L						
SM 5220D	460-278484-E-1 MS	Chemical Oxygen Demand	51.69		mg/L	50.0	103	90-110			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904470 Date: 04/21/2023 15:35											
4500 NH3 H	460-278559-H-2 MSD	Ammonia (as N)	1.77		mg/L	2.00	83	89-113	5	10	F1
Batch ID: 904050 Date: 04/19/2023 15:00			Prep Batch: 904043			Date: 04/19/2023 10:00					
9034	460-278396-I-3-C MSD	Sulfide, Reactive	184.3		mg/Kg	353	52	64-136	9	10	F1
Batch ID: 904487 Date: 04/21/2023 17:31											
SM 5220D	460-278484-E-1 MSD	Chemical Oxygen Demand	50.73		mg/L	50.0	101	90-110	2	13	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM V-IN

5-IN
MATRIX SPIKE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories En Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 368055	Date: 04/25/2023 00:55		Prep Batch: 367944		Date: 04/24/2023 17:33						
9071B	410-123256-F-2-B	HEM (Oil & Grease)	4200		mg/Kg						
9071B	410-123256-F-2-B MS	HEM (Oil & Grease)	10090		mg/Kg	6120	96	89-113			

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

5-IN
MATRIX SPIKE DUPLICATE SAMPLE RECOVERY
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories En Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 368055	Date: 04/25/2023 00:55		Prep Batch: 367944			Date: 04/24/2023 17:33					
9071B	410-123256-F-2-C MSD	HEM (Oil & Grease)	10760		mg/Kg	6060	108	89-113	6	26	

Calculations are performed before rounding to avoid round-off errors in calculated results.
Note - Results and Reporting Limits have been adjusted for dry weight.

FORM V-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 904009 Date: 04/19/2023 13:21								
1030		460-277973-A-1	Burn Rate	2.20	mm/sec			U
1030		460-277973-A-1 DU	Burn Rate	2.20	mm/sec	NC	10	U
Batch ID: 904052 Date: 04/19/2023 15:00 Prep Batch: 904047 Date: 04/19/2023 10:00								
9014		460-278396-I-3-E	Cyanide, Reactive	25.0	mg/Kg			U
9014		460-278396-I-3-E DU	Cyanide, Reactive	25.0	mg/Kg	NC	10	U
Batch ID: 904454 Date: 04/21/2023 10:55								
9045D		460-278156-A-1	pH	7.4	SU			
9045D		460-278156-A-1 DU	pH	7.4	SU	0.5	10	
Batch ID: 904451 Date: 04/21/2023 11:43								
9095B		460-278408-E-2	Free Liquid	0.500	mL/100 g			U
9095B		460-278408-E-2 DU	Free Liquid	0.500	mL/100 g	NC	10	U
Batch ID: 904224 Date: 04/20/2023 13:03								
SM 2540B	WC-A-E-2(0-3)	460-278409-7	Total Solids	108	mg/L			
SM 2540B	WC-A-E-2(0-3)	460-278409-7 DU	Total Solids	101.0	mg/L	7	10	
Batch ID: 904008 Date: 04/19/2023 13:16								
SM 2540G	WC-A-E-1(0-3)	460-278409-1	Total Solids	91.0	%			
SM 2540G	WC-A-E-1(0-3)	460-278409-1 DU	Total Solids	91.76	%	0.8	5	
SM 2540G	WC-A-E-1(0-3)	460-278409-1	Total Volatile Solids	1.2	%			
SM 2540G	WC-A-E-1(0-3)	460-278409-1 DU	Total Volatile Solids	1.01	%	17	5	F3

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

6-IN
DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Env Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Client Sample ID	Lab Sample ID	Analyte	Result	Unit	RPD	RPD Limit	Qual
Batch ID: 368055	Date: 04/25/2023 00:55	Prep Batch: 367944	Date: 04/24/2023 17:33					
9071B		410-123256-F-2-E	HEM (Oil & Grease)	4200	mg/Kg			
9071B		410-123256-F-2-E DU	HEM (Oil & Grease)	3841	mg/Kg	9	20	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VI-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904470	Date: 04/21/2023 14:35										
						LCS Source: WTamnSP1_00027					
4500 NH3 H	LCS 460-904470/16	Ammonia (as N)	1.96		mg/L	2.00	98	89-113			
Batch ID: 904052	Date: 04/19/2023 15:00	Prep Batch: 904047	Date: 04/19/2023 10:00								
						LCS Source: WTcreacSP_00035					
9014	LCS 460-904047/2-A	Cyanide, Reactive	25.0	U	mg/Kg	40.0	12	10-100			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904838	Date: 04/24/2023 10:00										
						LCS Source: WT1664LCS_00120					
1664A	LCS 460-904838/2	HEM	34.70		mg/L	40.0	87	78-114	3	18	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE DUPLICATE
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904838	Date: 04/24/2023 10:00										
						LCSD Source: WT1664LCS_00120					
1664A	LCSD 460-904838/3	HEM	35.80		mg/L	40.0	90	78-114	3	18	

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904050	Date: 04/19/2023 15:00		Prep Batch: 904043		Date: 04/19/2023 10:00						
					LCS Source: WTsfideLCS_00084						
9034	LCSSRM 460-904043/3-A	Sulfide, Reactive	64.12		mg/Kg	70.9	90.4	46.7-142.5			
Batch ID: 904454	Date: 04/21/2023 10:51										
					LCS Source: WTpHLCS_00027						
9045D	LCSSRM 460-904454/2	pH	6.3		SU	6.27	100.3	96.8-103.2			
Batch ID: 904487	Date: 04/21/2023 17:31										
					LCS Source: WTcodLCS_00026						
SM 5220D	LCSSRM 460-904487/5	Chemical Oxygen Demand	121.1		mg/L	124	97.6	78.1-118.5			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LCS-CERTIFIED REFERENCE MATERIAL
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904224	Date: 04/20/2023 13:03										
						LCS Source: WTSolidsLCS_00008					
SM 2540B	LCSSRM 460-904224/2	Total Solids	265.0		mg/L	268	98.9	83.2-11	6.8		

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
METHOD REPORTING LIMIT CHECK
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904487 Date: 04/21/2023 17:31											
						LCS Source: WTcodPrimary_00025					
SM 5220D	MRL 460-904487/3	Chemical Oxygen Demand	8.85	J	mg/L	10.0	88	50-150			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
METHOD REPORTING LIMIT CHECK
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Matrix: Water

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 904224 Date: 04/20/2023 13:03											
						LCS Source: WTSolidsLCS_00008					
SM 2540B	MRL 460-904224/3	Total Solids	3.00		mg/L	2.14	140	50-150			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

7A-IN
LAB CONTROL SAMPLE
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories En Job No.: 460-278409-1

SDG No.:

Matrix: Solid

Method	Lab Sample ID	Analyte	Result	C	Unit	Spike Amount	Pct. Rec.	Limits	RPD	RPD Limit	Q
Batch ID: 368055	Date: 04/25/2023 00:55		Prep Batch: 367944		Date: 04/24/2023 17:33						
					LCS Source: WC_HEM_12000__00010						
9071B	LCS 410-367944/2-A	HEM (Oil & Grease)	4830		mg/Kg	4980	97	89-113			

Calculations are performed before rounding to avoid round-off errors in calculated results.

FORM VIIA-IN

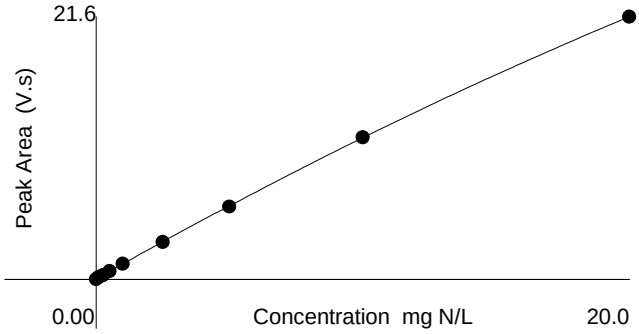
Original Run Filename: OM_4-21-2023_01-55-33PM.OMN Created: 4/21/2023 1:55:33 PM
Original Run Author's Signature: [EdiLachat]
Current Run Filename: OM_4-21-2023_01-55-33PM.OMN Last Modified: 4/21/2023 2:20:16 PM
Current Run Author's Signature: [EdiLachat]
Description: Default New Run

Sample	Rep.	Cup No.	Channel 1 Ammonia		Detection Time
			Conc. (mg N/L)	Area (V.s)	
IC 20 ppm	1	1	20.0	21.6	4/21/2023@1:56:43 PM
IC 10 ppm	1	2	10.0	11.7	4/21/2023@1:58:14 PM
IC 5 ppm	1	3	5.00	6.00	4/21/2023@1:59:45 PM
IC 2.5 ppm	1	4	2.50	3.08	4/21/2023@2:01:15 PM
IC 1 ppm	1	5	1.00	1.29	4/21/2023@2:02:46 PM
IC 0.5 ppm	1	6	0.500	0.677	4/21/2023@2:04:16 PM
IC 0.25 ppm	1	7	0.250	0.340	4/21/2023@2:05:47 PM
IC 0.1 ppm	1	8	0.100	0.168	4/21/2023@2:07:17 PM
IC Blank	1	9	0.00	0.0192	4/21/2023@2:08:48 PM

Table : 1 (Ammonia)

	Known Conc. (mg N/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (mg N/L)	Detection Date	Detection Time
1	20.0	1	21.6	0.809	0.0	-9.2e-3	20.0	4/21/2023	1:56:43 PM
2	10.0	1	11.7	0.447	0.0	-0.2	10.1	4/21/2023	1:58:14 PM
3	5.00	1	6.00	0.232	0.0	1.0	4.95	4/21/2023	1:59:45 PM
4	2.50	1	3.08	0.119	0.0	0.7	2.47	4/21/2023	2:01:15 PM
5	1.00	1	1.29	0.0500	0.0	-1.7	1.01	4/21/2023	2:02:46 PM
6	0.500	1	0.677	0.0254	0.0	-3.4	0.514	4/21/2023	2:04:16 PM
7	0.250	1	0.340	0.0132	0.0	1.1	0.246	4/21/2023	2:05:47 PM
8	0.100	1	0.168	6.13e-3	0.0	-6.6	0.109	4/21/2023	2:07:17 PM
9	0.00	1	0.0192	5.22e-4			-9.19e-3	4/21/2023	2:08:48 PM

Figure : 1 (Ammonia)



Area = - 8.39e-3 * Conc^2 + 1.25 * Conc + 0.0330
Conc = 6.16e-3 * Area^2 + 0.791 * Area - 0.0244
Correlation Coefficient (r) = 1.00000

Weighting : 1/x

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9014 RL Date: 01/01/2007 12:22

Prep Method: 7.3.3

Analyte	Wavelength/ Mass	RL (mg/Kg)	
Cyanide, Reactive		25	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9014 XRL Date: 01/07/2009 10:56

Analyte	Wavelength/ Mass	XRL (mg/L)	
Cyanide, Reactive		25	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9034 MDL Date: 10/15/2022 00:00

Prep Method: 7.3.4

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
Sulfide, Reactive		20	17.4

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9034 XRL Date: 01/07/2009 11:22

Analyte	Wavelength/ Mass	XRL (mg/L)	
Sulfide, Reactive		20	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: WETCODSPEC

Method: SM 5220D MDL Date: 10/31/2019 14:29

Leach Method: D3987-12

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Chemical Oxygen Demand		10	3.29

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: WETCODSPEC

Method: SM 5220D XMDL Date: 10/31/2019 14:29

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Chemical Oxygen Demand		10	3.29

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 1030 RL Date: 01/01/2007 17:12

Analyte	Wavelength/ Mass	RL (mm/sec)	
Burn Rate		2.2	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 1664A MDL Date: 01/01/2018 09:04

Leach Method: D3987-12

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
HEM		100	28

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 1664A XMDL Date: 01/01/2018 09:09

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
HEM		5	1.4

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: Lachat3

Method: 4500 NH3 H MDL Date: 10/21/2020 17:02

Leach Method: D3987-12

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Ammonia (as N)		0.1	0.05

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: Lachat3

Method: 4500 NH3 H XMDL Date: 10/21/2020 17:02

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Ammonia (as N)		0.1	0.05

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - TCLP

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9040C RL Date: 03/01/2007 16:42

Leach Method: 1311

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D RL Date: 01/01/2007 09:42

Analyte	Wavelength/ Mass	RL (SU)	
pH		0.1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9045D XRL Date: 01/01/2019 18:42

Analyte	Wavelength/ Mass	XRL (SU)	
pH		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9095B RL Date: 11/16/2006 11:54

Analyte	Wavelength/ Mass	RL (mL/100g)	
Free Liquid		0.5	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture RL Date: 02/15/2007 17:07

Analyte	Wavelength/ Mass	RL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: Moisture XRL Date: 01/01/2007 16:49

Analyte	Wavelength/ Mass	XRL (%)	
Percent Moisture		1	
Percent Solids		1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: SM 2540B MDL Date: 07/06/2022 00:00

Leach Method: D3987-12

Analyte	Wavelength/ Mass	RL (mg/L)	MDL (mg/L)
Total Solids		2.5	2.5

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY - ASTM LEACH

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: SM 2540B XMDL Date: 07/06/2022 00:00

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
Total Solids		2.5	2.5

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: SM 2540G RL Date: 06/01/2012 13:59

Analyte	Wavelength/ Mass	RL (%)	
Total Solids		0.1	
Total Volatile Solids		0.1	

9-IN
DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9071B MDL Date: 01/13/2020 00:00

Prep Method: 9071B

Analyte	Wavelength/ Mass	RL (mg/Kg)	MDL (mg/Kg)
HEM (Oil & Grease)		600	200

9-IN
CALIBRATION BLANK DETECTION LIMITS
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Job Number: 460-278409-1

SDG Number:

Matrix: Solid Instrument ID: NOEQUIP

Method: 9071B XMDL Date: 05/25/2018 17:07

Analyte	Wavelength/ Mass	XRL (mg/L)	XMDL (mg/L)
HEM (Oil & Grease)		5	1.4

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Prep Method: 7.3.4

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-904043/1-A	04/19/2023 10:00	904043	10		50
LCSSRM 460-904043/3-A	04/19/2023 10:00	904043	10		50
460-278396-I-3-B MS	04/19/2023 10:00	904043	10		50
460-278396-I-3-C MSD	04/19/2023 10:00	904043	10		50
460-278409-1	04/19/2023 10:00	904043		10	50
460-278409-7	04/19/2023 10:00	904043		10	50
460-278409-13	04/19/2023 10:00	904043		10	50
460-278409-19	04/19/2023 10:00	904043	10		50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Prep Method: 7.3.3

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (mL)
MB 460-904047/1-A	04/19/2023 10:00	904047	10		50
LCS 460-904047/2-A	04/19/2023 10:00	904047	10		50
460-278396-I-3-E DU	04/19/2023 10:00	904047	10		50
460-278409-1	04/19/2023 10:00	904047	10		50
460-278409-7	04/19/2023 10:00	904047	10		50
460-278409-13	04/19/2023 10:00	904047	10		50
460-278409-19	04/19/2023 10:00	904047	10		50

12-IN
PREPARATION LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-278409-1

SDG No.:

Prep Method: 9071B

Lab Sample ID	Preparation Date	Prep Batch	Initial Weight (g)	Initial Volume	Final Volume (g)
MB 410-367944/1-A	04/24/2023 17:33	367944	20.04		20.00
LCS 410-367944/2-A	04/24/2023 17:33	367944	20.02		20.00
410-123256-F-2-B MS	04/24/2023 17:33	367944	20.29		20.00
410-123256-F-2-C MSD	04/24/2023 17:33	367944	20.51		20.00
410-123256-F-2-E DU	04/24/2023 17:33	367944	20.40		20.00
460-278409-19	04/24/2023 17:33	367944	20.30		20.00
460-278409-13	04/24/2023 17:33	367944	20.36		20.00
460-278409-1	04/24/2023 17:33	367944	20.32		20.00
460-278409-7	04/24/2023 17:33	367944	20.35		20.00

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 9014

Start Date: 04/19/2023 15:00 End Date: 04/19/2023 15:00

Lab Sample ID	D/F	Type	Time	Analytes																			
				CNReac																			
MB 460-904047/1-A	1	T	15:00	X																			
LCS 460-904047/2-A	1	T	15:00	X																			
ZZZZZZ			15:00																				
460-278396-I-3-E DU	1	T	15:00	X																			
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
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ZZZZZZ			15:00																				
ZZZZZZ			15:00																				
460-278409-1	1	T	15:00	X																			
460-278409-7	1	T	15:00	X																			
460-278409-13	1	T	15:00	X																			
460-278409-19	1	T	15:00	X																			
ZZZZZZ			15:00																				
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Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 9034

Start Date: 04/19/2023 15:00 End Date: 04/19/2023 15:00

Lab Sample ID	D/F	Type	Time	Analytes																				
				S2Reac																				
MB 460-904043/1-A	1	T	15:00	X																				
ZZZZZZ			15:00																					
LCSSRM 460-904043/3-A	1	T	15:00	X																				
ZZZZZZ			15:00																					
460-278396-I-3-B MS	1	T	15:00	X																				
460-278396-I-3-C MSD	1	T	15:00	X																				
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
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ZZZZZZ			15:00																					
ZZZZZZ			15:00																					
460-278409-1	1	T	15:00	X																				
460-278409-7	1	T	15:00	X																				
460-278409-13	1	T	15:00	X																				
460-278409-19	1	T	15:00	X																				
ZZZZZZ			15:00																					
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Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: WETCODSPEC Method: SM 5220D

Start Date: 04/21/2023 17:31 End Date: 04/21/2023 17:31

Lab Sample ID	D/F	Type	Time	Analytes																			
				COD																			
ICV 460-904487/1	1		17:31	X																			
ICB 460-904487/2	1		17:31	X																			
MRL 460-904487/3	1	T	17:31	X																			
MB 460-904487/4	1	T	17:31	X																			
LCSSRM 460-904487/5	1	T	17:31	X																			
ZZZZZZ			17:31																				
460-278484-E-1 MS	1	T	17:31	X																			
460-278484-E-1 MSD	1	T	17:31	X																			
ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
CCV 460-904487/13	1		17:31	X																			
CCB 460-904487/14	1		17:31	X																			
ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
460-278409-1	1	Y	17:31	X																			
460-278409-7	1	Y	17:31	X																			
460-278409-13	1	Y	17:31	X																			
460-278409-19	1	Y	17:31	X																			
LB 460-904049/1-A	1	Y	17:31	X																			
ZZZZZZ			17:31																				
LB 460-904048/1-A	1	Y	17:31	X																			
ZZZZZZ			17:31																				
CCV 460-904487/25	1		17:31	X																			
CCB 460-904487/26	1		17:31	X																			
ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
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ZZZZZZ			17:31																				
ZZZZZZ			17:31																				
CCV 460-904487/37			17:31																				
CCB 460-904487/38			17:31																				
ZZZZZZ			17:31																				
CCV 460-904487/40			17:31																				
CCB 460-904487/41			17:31																				

ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: WETCODSPEC Method: SM 5220D

Start Date: 04/21/2023 17:31 End Date: 04/21/2023 17:31

Prep Types
T = Total/NA
Y = ASTM Leach

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 1030

Start Date: 04/19/2023 13:21 End Date: 04/19/2023 13:22

Lab Sample ID	D / F	Type	Time	Analytes																			
				Burn																			
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
460-277973-A-1 DU	1	T	13:21	X																			
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
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ZZZZZZ			13:21																				
ZZZZZZ			13:21																				
ZZZZZZ			13:22																				
ZZZZZZ			13:22																				
460-278409-1	1	T	13:22	X																			
460-278409-7	1	T	13:22	X																			
460-278409-13	1	T	13:22	X																			
460-278409-19	1	T	13:22	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 1664A

Start Date: 04/24/2023 10:00 End Date: 04/24/2023 10:48

Lab Sample ID	D / F	Type	Time	Analytes																			
				HEM																			
MB 460-904838/1	1	T	10:00	X																			
LCS 460-904838/2	1	T	10:00	X																			
LCSD 460-904838/3	1	T	10:00	X																			
ZZZZZZ			10:00																				
ZZZZZZ			10:00																				
460-278491-B-1 MS	1	T	10:00	X																			
ZZZZZZ			10:00																				
ZZZZZZ			10:00																				
ZZZZZZ			10:00																				
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ZZZZZZ			10:00																				
ZZZZZZ			10:00																				
ZZZZZZ			10:00																				
LB 460-904048/1-A	1	Y	10:00	X																			
460-278409-1	1	Y	10:00	X																			
460-278409-7	1	Y	10:37	X																			
460-278409-13	1	Y	10:37	X																			
460-278409-19	1	Y	10:37	X																			
ZZZZZZ			10:37																				
ZZZZZZ			10:37																				
ZZZZZZ			10:46																				
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ZZZZZZ			10:46																				
ZZZZZZ			10:46																				
ZZZZZZ			10:48																				

Prep Types

T = Total/NA

Y = ASTM Leach

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: Lachat3 Method: 4500 NH3 H

Start Date: 04/21/2023 13:56 End Date: 04/21/2023 16:04

Lab Sample ID	D/F	Type	Time	Analytes																			
				NH3																			
IC 460-904470/1			13:56	X																			
IC 460-904470/2			13:58	X																			
IC 460-904470/3			13:59	X																			
IC 460-904470/4			14:01	X																			
IC 460-904470/5			14:02	X																			
IC 460-904470/6			14:04	X																			
IC 460-904470/7			14:05	X																			
IC 460-904470/8			14:07	X																			
IC 460-904470/9			14:08	X																			
ZZZZZZ			14:10																				
ZZZZZZ			14:15																				
ICV 460-904470/12	1		14:21	X																			
ICB 460-904470/13	1		14:27	X																			
ZZZZZZ			14:32																				
MB 460-904470/15	1	T	14:34	X																			
LCS 460-904470/16	1	T	14:35	X																			
LB 460-904049/1-A	1	Y	14:37	X																			
460-278409-1	1	Y	14:38	X																			
460-278409-7	1	Y	14:40	X																			
460-278409-13	1	Y	14:41	X																			
460-278409-19	1	Y	14:43	X																			
LB 460-904048/1-A	1	Y	14:44	X																			
ZZZZZZ			14:46																				
CCV 460-904470/24	1		14:47	X																			
CCB 460-904470/25	1		14:53	X																			
ZZZZZZ			14:58																				
ZZZZZZ			15:00																				
ZZZZZZ			15:01																				
ZZZZZZ			15:03																				
ZZZZZZ			15:04																				
ZZZZZZ			15:06																				
ZZZZZZ			15:07																				
ZZZZZZ			15:09																				
ZZZZZZ			15:10																				
ZZZZZZ			15:12																				
CCV 460-904470/36	1		15:13	X																			
CCB 460-904470/37	1		15:19	X																			
ZZZZZZ			15:24																				
ZZZZZZ			15:26																				
ZZZZZZ			15:27																				
ZZZZZZ			15:29																				
ZZZZZZ			15:30																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: Lachat3 Method: 4500 NH3 H

Start Date: 04/21/2023 13:56 End Date: 04/21/2023 16:04

Lab Sample ID	D / F	Type	Time	Analytes																			
				NH3																			
ZZZZZZ			15:32																				
460-278559-H-2 MS	1	T	15:34	X																			
460-278559-H-2 MSD	1	T	15:35	X																			
ZZZZZZ			15:37																				
ZZZZZZ			15:38																				
ZZZZZZ			15:44																				
CCV 460-904470/49	1		15:58	X																			
CCB 460-904470/50	1		16:04	X																			

Prep Types

T = Total/NA

Y = ASTM Leach

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 9040C

Start Date: 04/20/2023 11:01 End Date: 04/20/2023 11:01

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
460-278409-1	1	P	11:01	X																			
460-278409-7	1	P	11:01	X																			
460-278409-13	1	P	11:01	X																			
460-278409-19	1	P	11:01	X																			

Prep Types

P = TCLP

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 9045D

Start Date: 04/21/2023 10:46 End Date: 04/21/2023 11:46

Lab Sample ID	D / F	Type	Time	Analytes																			
				pH																			
CCV 460-904454/1	1		10:46	X																			
LCSSRM 460-904454/2	1	T	10:51	X																			
ZZZZZZ			10:53																				
460-278156-A-1 DU	1	T	10:55	X																			
ZZZZZZ			10:57																				
ZZZZZZ			11:00																				
ZZZZZZ			11:02																				
ZZZZZZ			11:04																				
ZZZZZZ			11:06																				
ZZZZZZ			11:08																				
CCV 460-904454/11	1		11:10	X																			
460-278409-1	1	T	11:12	X																			
460-278409-7	1	T	11:15	X																			
460-278409-13	1	T	11:18	X																			
460-278409-19	1	T	11:23	X																			
ZZZZZZ			11:25																				
ZZZZZZ			11:27																				
ZZZZZZ			11:30																				
ZZZZZZ			11:32																				
ZZZZZZ			11:34																				
ZZZZZZ			11:36																				
CCV 460-904454/22	1		11:38	X																			
ZZZZZZ			11:40																				
ZZZZZZ			11:42																				
ZZZZZZ			11:44																				
CCV 460-904454/26			11:46																				

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 9095B

Start Date: 04/21/2023 11:43 End Date: 04/21/2023 11:43

Lab Sample ID	D / F	Type	Time	Analytes																				
				PF																				
ZZZZZZ			11:43																					
460-278408-E-2 DU	1	T	11:43	X																				
ZZZZZZ			11:43																					
ZZZZZZ			11:43																					
ZZZZZZ			11:43																					
460-278409-1	1	T	11:43	X																				
460-278409-7	1	T	11:43	X																				
460-278409-13	1	T	11:43	X																				
460-278409-19	1	T	11:43	X																				
ZZZZZZ			11:43																					
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Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/19/2023 19:45 End Date: 04/19/2023 19:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			19:45																				
ZZZZZZ			19:45																				
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460-278408-A-2 DU	1	T	19:55	X	X																		
ZZZZZZ			19:55																				
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ZZZZZZ			19:55																				
460-278409-1	1	T	19:55	X	X																		
460-278409-7	1	T	19:55	X	X																		
460-278409-13	1	T	19:55	X	X																		
460-278409-19	1	T	19:55	X	X																		
ZZZZZZ			19:55																				
ZZZZZZ			19:55																				
ZZZZZZ			19:55																				
ZZZZZZ			19:55																				
ZZZZZZ			19:55																				

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/19/2023 19:45 End Date: 04/19/2023 19:56

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			19:55																				
ZZZZZZ			19:55																				
ZZZZZZ			19:56																				
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460-278413-A-2 MS	1	T	19:56	X	X																		
460-278413-A-2 MSD	1	T	19:56	X	X																		
ZZZZZZ			19:56																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/19/2023 19:45 End Date: 04/19/2023 19:56

Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/20/2023 08:58 End Date: 04/20/2023 09:12

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			08:58																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/20/2023 08:58 End Date: 04/20/2023 09:12

Lab Sample ID	D / F	Type	Time	Analytes																				
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460-278409-A-21 DU	1	T	08:58	X	X																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/20/2023 08:58 End Date: 04/20/2023 09:12

Lab Sample ID	D / F	Type	Time	Analytes																			
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/20/2023 08:58 End Date: 04/20/2023 09:12

Lab Sample ID	D / F	Type	Time	Analytes																				
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13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/20/2023 08:58 End Date: 04/20/2023 09:12

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
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Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/21/2023 20:04 End Date: 04/21/2023 20:04

Lab Sample ID	D / F	Type	Time	Analytes																			
				% Sol	Moist																		
ZZZZZZ			20:04																				
ZZZZZZ			20:04																				
ZZZZZZ			20:04																				
ZZZZZZ			20:04																				
460-278409-2	1	T	20:04	X	X																		
460-278409-3	1	T	20:04	X	X																		
460-278409-4	1	T	20:04	X	X																		
460-278409-5	1	T	20:04	X	X																		
460-278409-6	1	T	20:04	X	X																		
460-278409-8	1	T	20:04	X	X																		
460-278409-9	1	T	20:04	X	X																		
460-278409-10	1	T	20:04	X	X																		
460-278409-11	1	T	20:04	X	X																		
460-278409-12	1	T	20:04	X	X																		
460-278409-14	1	T	20:04	X	X																		
460-278409-15	1	T	20:04	X	X																		
460-278409-16	1	T	20:04	X	X																		
460-278409-17	1	T	20:04	X	X																		
460-278409-18	1	T	20:04	X	X																		
460-278409-20	1	T	20:04	X	X																		
460-278409-21	1	T	20:04	X	X																		
460-278409-21 DU	1	T	20:04	X	X																		

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: Moisture

Start Date: 04/21/2023 20:04 End Date: 04/21/2023 20:04

Lab Sample ID	D / F	Type	Time	Analytes																				
				% Sol	Moist																			
ZZZZZZ			20:04																					
460-278409-22	1	T	20:04	X	X																			
460-278409-23	1	T	20:04	X	X																			
460-278409-24	1	T	20:04	X	X																			
ZZZZZZ			20:04																					
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460-278603-A-3 DU	1	T	20:04	X	X																			

Prep Types

T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540B

Start Date: 04/20/2023 13:03 End Date: 04/20/2023 13:03

Lab Sample ID	D / F	Type	Time	Analytes																			
				TS																			
MB 460-904224/1	1	T	13:03	X																			
LCSSRM 460-904224/2	1	T	13:03	X																			
MRL 460-904224/3	1	T	13:03	X																			
460-278409-7	1	Y	13:03	X																			
460-278409-7 DU	1	Y	13:03	X																			
460-278409-1	1	Y	13:03	X																			
460-278409-13	1	Y	13:03	X																			
460-278409-19	1	Y	13:03	X																			
ZZZZZZ			13:03																				
LB 460-904049/1-A	1	Y	13:03	X																			

Prep Types

T = Total/NA

Y = ASTM Leach

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: SM 2540G

Start Date: 04/19/2023 13:16 End Date: 04/19/2023 13:16

Lab Sample ID	D / F	Type	Time	Analytes																			
				TS	TVS																		
460-278409-1	1	T	13:16	X	X																		
460-278409-1 DU	1	T	13:16	X	X																		
460-278409-7	1	T	13:16	X	X																		
460-278409-13	1	T	13:16	X	X																		
460-278409-19	1	T	13:16	X	X																		
ZZZZZZ			13:16																				
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Prep Types
T = Total/NA

13-IN
ANALYSIS RUN LOG
GENERAL CHEMISTRY

Lab Name: Eurofins Lancaster Laboratories Job No.: 460-278409-1

SDG No.:

Instrument ID: NOEQUIP Method: 9071B

Start Date: 04/25/2023 00:55 End Date: 04/25/2023 00:55

Lab Sample ID	D / F	Type	Time	Analytes																				
				HEM																				
MB 410-367944/1-A	1	T	00:55	X																				
LCS 410-367944/2-A	1	T	00:55	X																				
ZZZZZZ			00:55																					
410-123256-F-2-B MS	1	T	00:55	X																				
410-123256-F-2-C MSD	1	T	00:55	X																				
410-123256-F-2-E DU	1	T	00:55	X																				
ZZZZZZ			00:55																					
460-278409-19	1	T	00:55	X																				
460-278409-13	1	T	00:55	X																				
460-278409-1	1	T	00:55	X																				
460-278409-7	1	T	00:55	X																				
ZZZZZZ			00:55																					
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Prep Types

T = Total/NA

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904047 Batch Start Date: 04/19/23 10:00 Batch Analyst: Vu, Huan

Batch Method: 7.3.3 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTcreacSP 00035	AnalysisComment		
MB 460-904047/1		7.3.3, 9014		10 g	50 mL		Macron/B-3268-2 3 : 0.005M H2SO4 Exp:10/19/23		
LCS 460-904047/2		7.3.3, 9014		10 g	50 mL	0.4 mL	Fisher/B-3269-2 3 : 0.25N NaOH Exp: 10/19/23		
460-278396-I-3 DU		7.3.3, 9014	T	10 g	50 mL				
460-278409-D-1	WC-A-E-1(0-3)	7.3.3, 9014	T	10 g	50 mL				
460-278409-E-7	WC-A-E-2(0-3)	7.3.3, 9014	T	10 g	50 mL				
460-278409-G-13	WC-A-E-3(0-3)	7.3.3, 9014	T	10 g	50 mL				
460-278409-F-19	WC-A-E-4(0-3)	7.3.3, 9014	T	10 g	50 mL				

Batch Notes	
Balance ID	03

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904052 Batch Start Date: 04/19/23 15:00 Batch Analyst: Vu, Huan

Batch Method: 9014 Batch End Date: 04/19/23 17:35

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	TitrantVolume1	TitrantBlank	CalcMsg	FinalAmount	
MB 460-904047/1-A		9014		25 mL	0.025 mL	0.025 mL	OK	25 mL	
LCS 460-904047/2-A		9014		25 mL	0.050 mL	0.025 mL	OK	25 mL	
460-278396-I-3-E DU		9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	
460-278409-D-1-B	WC-A-E-1(0-3)	9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	
460-278409-E-7-B	WC-A-E-2(0-3)	9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	
460-278409-G-13-B	WC-A-E-3(0-3)	9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	
460-278409-F-19-B	WC-A-E-4(0-3)	9014	T	25 mL	0.025 mL	0.025 mL	OK	25 mL	

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Nominal Amount Used	25 mL
Silver Nitrate ID	B-3099-22 exp;04/27/23
Silver Nitrate Vendor	Aldrich
First Normality	0.0191 N
Rhodanine Indicator ID	B-3218-22 exp:08/21/23

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904043 Batch Start Date: 04/19/23 10:00 Batch Analyst: Vu, Huan

Batch Method: 7.3.4 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WTsfideLCS 00084	WTsfideSP 02655	AnalysisComment	
MB 460-904043/1		7.3.4, 9034		10 g	50 mL			B-3268-23 : 0.005 M H2SO4 exp:10/19/23	
LCSSRM 460-904043/3		7.3.4, 9034		10 g	50 mL	10 mL			
460-278396-I-3 MS		7.3.4, 9034	T	10 g	50 mL		10 mL		
460-278396-I-3 MSD		7.3.4, 9034	T	10 g	50 mL		10 mL		
460-278409-D-1	WC-A-E-1(0-3)	7.3.4, 9034	T	10 mL	50 mL				
460-278409-E-7	WC-A-E-2(0-3)	7.3.4, 9034	T	10 mL	50 mL				
460-278409-G-13	WC-A-E-3(0-3)	7.3.4, 9034	T	10 mL	50 mL				
460-278409-F-19	WC-A-E-4(0-3)	7.3.4, 9034	T	10 g	50 mL				

Batch Notes	
Balance ID	03

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904050 Batch Start Date: 04/19/23 15:00 Batch Analyst: Vu, Huan

Batch Method: 9034 Batch End Date: 04/19/23 17:30

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	IodineAmount	TitrantVolume1	CalcMsg	FinalAmount	
MB 460-904043/1-A		9034		25 mL	5.0 mL	5.7 mL	OK	25 mL	
LCSSRM 460-904043/3-A		9034		25 mL	5.0 mL	4.9 mL	OK	25 mL	
460-278396-I-3-B MS		9034	T	25 mL	5.0 mL	3.6 mL	OK	25 mL	
460-278396-I-3-C MSD		9034	T	25 mL	5.0 mL	3.4 mL	OK	25 mL	
460-278409-D-1-A	WC-A-E-1(0-3)	9034	T	25 mL	5.0 mL	5.7 mL	OK	25 mL	
460-278409-E-7-A	WC-A-E-2(0-3)	9034	T	25 mL	5.0 mL	5.6 mL	OK	25 mL	
460-278409-G-13-A	WC-A-E-3(0-3)	9034	T	25 mL	5.0 mL	5.7 mL	OK	25 mL	
460-278409-F-19-A	WC-A-E-4(0-3)	9034	T	25 mL	5.0 mL	5.7 mL	OK	25 mL	

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Nominal Amount Used	25 mL
Normality of Iodine Solution	0.0285 N
Normality of First Titrant	0.025 N

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 898171 Batch Start Date: 03/16/23 12:30 Batch Analyst: Vu, Huan

Batch Method: SM 5220D Batch End Date: 03/16/23 20:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	WTcodPrimary 00025				
IC 460-898171/1		SM 5220D		50 mL					
IC 460-898171/2		SM 5220D		50 mL	0.25 mL				
IC 460-898171/3		SM 5220D		50 mL	0.5 mL				
IC 460-898171/4		SM 5220D		50 mL	2.5 mL				
IC 460-898171/5		SM 5220D		50 mL	3.75 mL				
IC 460-898171/6		SM 5220D		50 mL	5 mL				
IC 460-898171/7		SM 5220D		50 mL	7.5 mL				

Batch Notes	
Vial Lot Number	Environ Express Lot#13870 exp:01/31/28
Thermometer ID	705147
Temperature - Uncorrected - Start	149 Degrees C
Temperature - Corrected - Start	150 Degrees C
Digestion Start Time	03/16/2023 12:30
Digestion End Time	03/16/2023 14:30
Temperature - Uncorrected - End	149 Degrees C
Temperature - Corrected - End	150 Degrees C
Batch Comment	Calibration on : 03/16/23 exp:06/16/23

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904048 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-904048/1		D3987-12, SM 5220D		70.00 g	1400 mL	5.81 SU	DI water, 30% headspace in 2L container; pH measured on 04/20/23		

Batch Notes	
Balance ID	13
Filter ID	mecrk millipor AP2012450
Uncorrected Initial Room Temperature	22.7 Degrees C
Initial Room Temperature	22.7 Degrees C
Uncorrected Final Room Temperature	22.9 Degrees C
Final Room Temperature	22.9 Degrees C
Room Temperature Thermometer ID	S72864
Rotator ID	29rpm
Tumble Start Time	04/19/2023 15:00
Tumble End Time	04/20/2023 09:00
Batch Comment	Portion of leachate is preserved by 10% H2SO4 (c-1066-22 exp. 06/23/23)

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904049 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-904049/1		D3987-12, SM 5220D		70.00 g	1400 mL	5.81 SU	DI water, 30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-1	WC-A-E-1(0-3)	D3987-12, SM 5220D	Y	70.08 g	1400 mL	9.83 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-7	WC-A-E-2(0-3)	D3987-12, SM 5220D	Y	70.02 g	1400 mL	10.24 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-13	WC-A-E-3(0-3)	D3987-12, SM 5220D	Y	70.06 g	1400 mL	10.06 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-19	WC-A-E-4(0-3)	D3987-12, SM 5220D	Y	70.09 g	1400 mL	9.90 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		

Batch Notes	
Balance ID	13
Filter ID	mecrk millipor AP2012450
Uncorrected Initial Room Temperature	22.7 Degrees C
Uncorrected Final Room Temperature	22.9 Degrees C
Initial Room Temperature	22.7 Degrees C
Final Room Temperature	22.9 Degrees C
Room Temperature Thermometer ID	S72864
Rotator ID	29rpm
Tumble Start Time	04/17/2023 15:00
Tumble End Time	04/18/2023 09:00
Batch Comment	Portion of leachate is preserved by 10% H2SO4 (C-1066-22 exp. 06/23/23)

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904049 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904487 Batch Start Date: 04/21/23 12:30 Batch Analyst: Vu, Huan

Batch Method: SM 5220D Batch End Date: 04/21/23 17:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	ChlorideScrn	Initial pH	WTcodLCS 00026	WTcodPrimary 00025	WTcodSecond 00029
ICV 460-904487/1		SM 5220D		50 mL	N/A	<2 SU			3.75 mL
ICB 460-904487/2		SM 5220D		2 mL	N/A	<2 SU			
MRL 460-904487/3		SM 5220D		50 mL	N/A	<2 SU		0.5 mL	
MB 460-904487/4		SM 5220D		2 mL	N/A	<2 SU			
LCSSRM 460-904487/5		SM 5220D		2 mL	N/A	<2 SU	2 mL		
460-278484-E-1 MS		SM 5220D	T	50 mL	N/A	<2 SU		2.5 mL	
460-278484-E-1 MSD		SM 5220D	T	50 mL	N/A	<2 SU		2.5 mL	
CCV 460-904487/13		SM 5220D		50 mL	N/A	<2 SU			3.75 mL
CCB 460-904487/14		SM 5220D		2 mL	N/A	<2 SU			
460-278409-M-1-C	WC-A-E-1(0-3)	SM 5220D	Y	2 mL	N/A	<2 SU			
460-278409-M-7-C	WC-A-E-2(0-3)	SM 5220D	Y	2 mL	N/A	<2 SU			
460-278409-M-13-C	WC-A-E-3(0-3)	SM 5220D	Y	2 mL	N/A	<2 SU			
460-278409-M-19-C	WC-A-E-4(0-3)	SM 5220D	Y	2 mL	N/A	<2 SU			
LB 460-904049/1-A		SM 5220D		2 mL	N/A	<2 SU			
LB 460-904048/1-A		SM 5220D		2 mL	N/A	<2 SU			
CCV 460-904487/25		SM 5220D		50 mL	N/A	<2 SU			3.75 mL
CCB 460-904487/26		SM 5220D		2 mL	N/A	<2 SU			

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904487 Batch Start Date: 04/21/23 12:30 Batch Analyst: Vu, Huan

Batch Method: SM 5220D Batch End Date: 04/21/23 17:50

Batch Notes	
Vial Lot Number	Environ Express Lot#13870 exp:01/31/28
Thermometer ID	705147
Temperature - Uncorrected - Start	149 Degrees C
Temperature - Corrected - Start	150 Degrees C
Digestion Start Time	05/03/2023 12:30
Digestion End Time	04/21/2023 14:30
Temperature - Uncorrected - End	149 Degrees C
Temperature - Corrected - End	150 Degrees C
Batch Comment	Calibration on : 03/16/23 exp:06/16/23

Basis	Basis Description
T	Total/NA
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904009 Batch Start Date: 04/19/23 13:21 Batch Analyst: Hu, Youhao

Batch Method: 1030 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	AnalysisComment					
460-277973-A-1 DU		1030	T	Coarse Granular & Rock					
460-278409-M-1	WC-A-E-1(0-3)	1030	T	Coarse Granular & Rock					
460-278409-M-7	WC-A-E-2(0-3)	1030	T	Coarse Granular & Rock					
460-278409-M-13	WC-A-E-3(0-3)	1030	T	Coarse Granular & Rock					
460-278409-M-19	WC-A-E-4(0-3)	1030	T	Coarse Granular & Rock					

Batch Notes	
Thermometer ID	Room Temp. = 24.0 C
Hood ID	Wet Chem - Seta Flash
Fume Hood Air Velocity	Air Volecity > 150 ft/mm m/s
Air Flow Meter ID	Propane: Benzometric 100
Batch Comment	Burn rate > 2.2 mm/s

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904048 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-904048/1		D3987-12, 1664A		70.00 g	1400 mL	5.81 SU	DI water, 30% headspace in 2L container; pH measured on 04/20/23		
460-278409-M-1	WC-A-E-1(0-3)	D3987-12, 1664A	Y	70.08 g	1400 mL	9.83 SU	30% headspace in 2L container; pH measured on 04/20/23		
460-278409-M-7	WC-A-E-2(0-3)	D3987-12, 1664A	Y	70.02 g	1400 mL	10.24 SU	30% headspace in 2L container; pH measured on 04/20/23		
460-278409-M-13	WC-A-E-3(0-3)	D3987-12, 1664A	Y	70.06 g	1400 mL	10.06 SU	30% headspace in 2L container; pH measured on 04/20/23		
460-278409-M-19	WC-A-E-4(0-3)	D3987-12, 1664A	Y	70.09 g	1400 mL	9.90 SU	30% headspace in 2L container; pH measured on 04/20/23		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904048 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Batch Notes	
Balance ID	13
Filter ID	mecrk millipor AP2012450
Uncorrected Initial Room Temperature	22.7 Degrees C
Initial Room Temperature	22.7 Degrees C
Uncorrected Final Room Temperature	22.9 Degrees C
Final Room Temperature	22.9 Degrees C
Room Temperature Thermometer ID	S72864
Rotator ID	29rpm
Tumble Start Time	04/19/2023 15:00
Tumble End Time	04/20/2023 09:00
Batch Comment	Portion of leachate is preserved by 10% H2SO4 (c-1066-22 exp. 06/23/23)

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904838 Batch Start Date: 04/24/23 10:00 Batch Analyst: Patel, Priti X

Batch Method: 1664A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	Initial pH	Final pH	InitialAmount	FinalAmount	ReceiverTube	HEMWgt1
MB 460-904838/1		1664A		<2 SU	<2 SU	1000 mL	1000 mL	6.3215 g	6.3216 g
LCS 460-904838/2		1664A		<2 SU	<2 SU	1000 mL	1000 mL	6.3047 g	6.3396 g
LCSD 460-904838/3		1664A		<2 SU	<2 SU	1000 mL	1000 mL	6.3369 g	6.3725 g
460-278491-B-1 MS		1664A	T	<2 SU	<2 SU	950 mL	1000 mL	6.3142 g	6.3472 g
LB 460-904048/1-A		1664A		<2 SU	<2 SU	1000 mL	1000 mL	6.2033 g	6.2027 g
460-278409-M-1-B	WC-A-E-1(0-3)	1664A	Y	<2 SU	<2 SU	1000 mL	1000 mL	6.2719 g	6.2724 g
460-278409-M-7-B	WC-A-E-2(0-3)	1664A	Y	<2 SU	<2 SU	1000 mL	1000 mL	6.3624 g	6.3627 g
460-278409-M-13-B	WC-A-E-3(0-3)	1664A	Y	<2 SU	<2 SU	1000 mL	1000 mL	6.3295 g	6.3300 g
460-278409-M-19-B	WC-A-E-4(0-3)	1664A	Y	<2 SU	<2 SU	1000 mL	1000 mL	6.2759 g	6.2759 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	HEMWgt2	Weight2OK	MinSilicaGel	SgtRecomendedSplit	SGTRecTube	SGTWgt1
MB 460-904838/1		1664A		6.3216 g	Pass 0.0005g	3 g	Not Required	6.3193 g	6.3194 g
LCS 460-904838/2		1664A		6.3394 g	Pass 0.0005g	3 g	Not Required	6.3061 g	6.3209 g
LCSD 460-904838/3		1664A		6.3727 g	Pass 0.0005g	3 g	Not Required	6.3312 g	6.3465 g
460-278491-B-1 MS		1664A	T	6.3474 g	Pass 0.0005g	3 g	Not Required	6.3545 g	6.3692 g
LB 460-904048/1-A		1664A		6.2029 g	Pass 0.0005g	3 g	Not Required		
460-278409-M-1-B	WC-A-E-1(0-3)	1664A	Y	6.2722 g	Pass 0.0005g	3 g	Not Required		
460-278409-M-7-B	WC-A-E-2(0-3)	1664A	Y	6.3625 g	Pass 0.0005g	3 g	Not Required		
460-278409-M-13-B	WC-A-E-3(0-3)	1664A	Y	6.3299 g	Pass 0.0005g	3 g	Not Required		
460-278409-M-19-B	WC-A-E-4(0-3)	1664A	Y	6.2758 g	Pass 0.0005g	3 g	Not Required		

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTWgt2	SGTWeightOne%Diff	Residue	Residue2	SGTResidue1	SGTResidue2

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904838 Batch Start Date: 04/24/23 10:00 Batch Analyst: Patel, Priti X

Batch Method: 1664A Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTWgt2	SGTWeightOne%Diff	Residue	Residue2	SGTResidue1	SGTResidue2
MB 460-904838/1		1664A		6.3195 g	Pass 0.0005g %	0.0001 g	0.0001 g	0.0001 g	0.0002 g
LCS 460-904838/2		1664A		6.3209 g	Pass 0.0005g %	0.0349 g	0.0347 g	0.0148 g	0.0148 g
LCSD 460-904838/3		1664A		6.3464 g	Pass 0.0005g %	0.0356 g	0.0358 g	0.0153 g	0.0152 g
460-278491-B-1 MS		1664A	T	6.3689 g	Pass 0.0005g %	0.033 g	0.0332 g	0.0147 g	0.0144 g
LB 460-904048/1-A		1664A				-0.0006 g	-0.0004 g		
460-278409-M-1-B	WC-A-E-1(0-3)	1664A	Y			0.0005 g	0.0003 g		
460-278409-M-7-B	WC-A-E-2(0-3)	1664A	Y			0.0003 g	0.0001 g		
460-278409-M-13-B	WC-A-E-3(0-3)	1664A	Y			0.0005 g	0.0004 g		
460-278409-M-19-B	WC-A-E-4(0-3)	1664A	Y			0 g	-0.0001 g		

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	WT1664LCS 00120				
MB 460-904838/1		1664A		OK					
LCS 460-904838/2		1664A		OK	1000 mL				
LCSD 460-904838/3		1664A		OK	1000 mL				
460-278491-B-1 MS		1664A	T	OK	1000 mL				
LB 460-904048/1-A		1664A		HEM OK. SGT-HEM not calculated.					
460-278409-M-1-B	WC-A-E-1(0-3)	1664A	Y	HEM OK. SGT-HEM not calculated.					
460-278409-M-7-B	WC-A-E-2(0-3)	1664A	Y	HEM OK. SGT-HEM not calculated.					
460-278409-M-13-B	WC-A-E-3(0-3)	1664A	Y	HEM OK. SGT-HEM not calculated.					
460-278409-M-19-B	WC-A-E-4(0-3)	1664A	Y	HEM OK. SGT-HEM not calculated.					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904838 Batch Start Date: 04/24/23 10:00 Batch Analyst: Patel, Priti X

Batch Method: 1664A Batch End Date:

Batch Notes	
Nominal Amount Used	1000 mL
Perform Calculation (0=No, 1=Yes)	Yes
Methanol ID	FISHER / 216552
Hexane ID	J T BAAKER / Batch 22B0662003
Na2SO4 ID	Environmental Express 27952029-3073-AM
Acid ID	HCL Fisher .C-1112-23
Filter Material ID	Lot # 241713
Concentration Start Time	04/24/2023 01:00
Concentration End Time	04/24/2023 01:30
SPE Filter Lot #	Satorious Stedim 200107
Silica Gel ID	FISHER /S679-500 LOT 187906
Desiccator In Time - 1st Weight	01:30
Desiccator Out Time - 1st Weight	02:00
Desiccator In Time - 2nd Weight	02:05
Desiccator Out Time - 2nd Weight	02:35
Balance ID	#29 SN -12315872
Weight Set ID	1 G- SN 44926 2MG -SN 44926
Aluminum Pan Lot ID	F93140DSH

Basis	Basis Description
T	Total/NA
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904048 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-904048/1		D3987-12, 4500 NH3 H		70.00 g	1400 mL	5.81 SU	DI water, 30% headspace in 2L container; pH measured on 04/20/23		

Batch Notes	
Balance ID	13
Filter ID	mecrk millipor AP2012450
Uncorrected Initial Room Temperature	22.7 Degrees C
Initial Room Temperature	22.7 Degrees C
Uncorrected Final Room Temperature	22.9 Degrees C
Final Room Temperature	22.9 Degrees C
Room Temperature Thermometer ID	S72864
Rotator ID	29rpm
Tumble Start Time	04/19/2023 15:00
Tumble End Time	04/20/2023 09:00
Batch Comment	Portion of leachate is preserved by 10% H2SO4 (c-1066-22 exp. 06/23/23)

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904049 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-904049/1		D3987-12, 4500 NH3 H		70.00 g	1400 mL	5.81 SU	DI water, 30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-1	WC-A-E-1(0-3)	D3987-12, 4500 NH3 H	Y	70.08 g	1400 mL	9.83 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-7	WC-A-E-2(0-3)	D3987-12, 4500 NH3 H	Y	70.02 g	1400 mL	10.24 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-13	WC-A-E-3(0-3)	D3987-12, 4500 NH3 H	Y	70.06 g	1400 mL	10.06 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-19	WC-A-E-4(0-3)	D3987-12, 4500 NH3 H	Y	70.09 g	1400 mL	9.90 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		

Batch Notes	
Balance ID	13
Filter ID	mecrk millipor AP2012450
Uncorrected Initial Room Temperature	22.7 Degrees C
Uncorrected Final Room Temperature	22.9 Degrees C
Initial Room Temperature	22.7 Degrees C
Final Room Temperature	22.9 Degrees C
Room Temperature Thermometer ID	S72864
Rotator ID	29rpm
Tumble Start Time	04/17/2023 15:00
Tumble End Time	04/18/2023 09:00
Batch Comment	Portion of leachate is preserved by 10% H2SO4 (C-1066-22 exp. 06/23/23)

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904049 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904470 Batch Start Date: 04/21/23 13:56 Batch Analyst: Patel, Amitkumar X

Batch Method: 4500 NH3 H Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	ClResPres	FinalAmount	WTamnSP1 00027	WTamnSS1 00016		
ICV 460-904470/12		4500 NH3 H			100 mL		1 mL		
ICB 460-904470/13		4500 NH3 H			100 mL				
MB 460-904470/15		4500 NH3 H			100 mL				
LCS 460-904470/16		4500 NH3 H			100 mL	0.2 mL			
LB 460-904049/1-A		4500 NH3 H		N	5 mL				
460-278409-M-1-C	WC-A-E-1(0-3)	4500 NH3 H	Y	N	5 mL				
460-278409-M-7-C	WC-A-E-2(0-3)	4500 NH3 H	Y	N	5 mL				
460-278409-M-13-C	WC-A-E-3(0-3)	4500 NH3 H	Y	N	5 mL				
460-278409-M-19-C	WC-A-E-4(0-3)	4500 NH3 H	Y	N	5 mL				
LB 460-904048/1-A		4500 NH3 H			5 mL				
CCV 460-904470/24		4500 NH3 H			100 mL		1 mL		
CCB 460-904470/25		4500 NH3 H			100 mL				
CCV 460-904470/36		4500 NH3 H			100 mL		1 mL		
CCB 460-904470/37		4500 NH3 H			100 mL				
460-278559-H-2 MS		4500 NH3 H	T	N	5 mL	0.01 mL			
460-278559-H-2 MSD		4500 NH3 H	T	N	5 mL	0.01 mL			
CCV 460-904470/49		4500 NH3 H			100 mL		1 mL		
CCB 460-904470/50		4500 NH3 H			100 mL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904470 Batch Start Date: 04/21/23 13:56 Batch Analyst: Patel, Amitkumar X

Batch Method: 4500 NH3 H Batch End Date:

Batch Notes	
Residual Chlorine Indicator ID	Alkaline donner C-1328-23 exp 4/27/23
Sodium Nitroprusside ID	C-1393-23 exp 4/26/23
Hypochlorite ID	1:1 Hypochlorite C-1368-23 exp 5/11/23
EDTA Buffer ID	C-1329-23 exp 4/27/23
Carrier Identification	C-1327-23 exp 9/27/23
Batch Comment	Cal curve prep 4/19/23 and exp 4/26/23

Basis	Basis Description
T	Total/NA
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904045 Batch Start Date: 04/19/23 16:08 Batch Analyst: Hu, Youhao

Batch Method: 1311 Batch End Date: 04/20/23 08:08

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	VesselNumber	EFD_InitialpH	EFD_AddHClpH>5	FiltCompDate
460-278409-M-1	WC-A-E-1(0-3)	1311, 9040C	P	100.03 g	2000 mL	30	7.12 SU	1.39	04/20/23
460-278409-M-7	WC-A-E-2(0-3)	1311, 9040C	P	100.05 g	2000 mL	31	6.58 SU	1.40	04/20/23
460-278409-M-13	WC-A-E-3(0-3)	1311, 9040C	P	100.06 g	2000 mL	32	5.26 SU	1.37	04/20/23
460-278409-M-19	WC-A-E-4(0-3)	1311, 9040C	P	100.02 g	2000 mL	33	7.73 SU	1.34	04/20/23

Lab Sample ID	Client Sample ID	Method Chain	Basis	FiltCompTime	LeachatepH	ExtractFluid	AnalysisComment		
460-278409-M-1	WC-A-E-1(0-3)	1311, 9040C	P	0920	4.98 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-7	WC-A-E-2(0-3)	1311, 9040C	P	0925	4.98 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-13	WC-A-E-3(0-3)	1311, 9040C	P	0930	4.94 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		
460-278409-M-19	WC-A-E-4(0-3)	1311, 9040C	P	0935	5.04 SU	TF1041323	TCLP fluid #1; prep. on 04/13/23; exp. on 10/13/23; pH measured on 04/20/23		

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904045 Batch Start Date: 04/19/23 16:08 Batch Analyst: Hu, Youhao

Batch Method: 1311 Batch End Date: 04/20/23 08:08

Batch Notes	
Thermometer ID	Min/Max S/NC 187675
Tumbler Rotations per Minute	29
Balance ID	13
pH Meter ID	B
Room Temperature Thermometer ID	Ambient ID S72864; Temp 22.6
TCLP Fluid 1 ID	TF1041323; Prep. on 04/13/23; exp. on 10/13/23
TCLP Fluid 1 pH	4.92
1N HCl ID	1N HCl, TCLP 3101, Exp. 8/11/2023
Filter ID	Env. Express/400204-2342-T
Uncorrected Maximum Temperature	22.1 Degrees C
Maximum Temperature	22.1 Degrees C
Uncorrected Minimum Temperature	22.9 Degrees C
Minimum Temperature	22.9 Degrees C

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904206 Batch Start Date: 04/20/23 11:01 Batch Analyst: Hu, Youhao

Batch Method: 9040C Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	pHRead1	TempRead1			
460-278409-M-1-A	WC-A-E-1(0-3)	9040C	P	20 mL	4.98 SU	24.0 Celsius			
460-278409-M-7-A	WC-A-E-2(0-3)	9040C	P	20 mL	4.98 SU	24.0 Celsius			
460-278409-M-13-A	WC-A-E-3(0-3)	9040C	P	20 mL	4.94 SU	24.0 Celsius			
460-278409-M-19-A	WC-A-E-4(0-3)	9040C	P	20 mL	5.04 SU	24.0 Celsius			

Batch Notes	
pH Meter ID	TCLP pH, result from TCLP batch

Basis	Basis Description
P	TCLP

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904454 Batch Start Date: 04/21/23 12:01 Batch Analyst: Hu, Youhao

Batch Method: 9045D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	StirStartTime	StirEndTime	WTpHCCV 00041	WTpHLCS 00027
CCV 460-904454/1		9045D		20 g	20 mL			20 mL	
LCSSRM 460-904454/2		9045D		20 g	20 mL				20 mL
460-278156-A-1 DU		9045D	T	20 g	20 mL	04/21/2023 09:30	04/21/2023 10:30		
CCV 460-904454/11		9045D		20 g	20 mL			20 mL	
460-278409-F-1	WC-A-E-1(0-3)	9045D	T	20 g	20 mL	04/21/2023 09:30	04/21/2023 10:30		
460-278409-F-7	WC-A-E-2(0-3)	9045D	T	20 g	20 mL	04/21/2023 09:30	04/21/2023 10:30		
460-278409-F-13	WC-A-E-3(0-3)	9045D	T	20 g	20 mL	04/21/2023 09:30	04/21/2023 10:30		
460-278409-F-19	WC-A-E-4(0-3)	9045D	T	20 g	20 mL	04/21/2023 09:30	04/21/2023 10:30		
CCV 460-904454/22		9045D		20 g	20 mL			20 mL	

Batch Notes	
pH Meter ID	A
Thermometer ID	A
pH Buffer 1 ID	1.68 Orion/AO1 exp:12/24
pH Buffer 2 ID	4.00 Orion/AQ2 exp: 06/24
pH Buffer 3 ID	7.00 Fisher/224883 exp:09/24
pH Buffer 4 ID	10.00 Ricca/2207F91 Exp: 1/24
pH Buffer 5 ID	12.46 Ricca/2203B94 exp: 08/23

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904451 Batch Start Date: 04/21/23 11:43 Batch Analyst: Hu, Youhao

Batch Method: 9095B Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	FreeLiquid	StartTime_Sample	EndTime_Sample		
460-278408-E-2 DU		9095B	T	100 g	0 mL	04/21/2023 09:55	04/21/2023 10:00		
460-278409-D-1	WC-A-E-1(0-3)	9095B	T	100 g	0 mL	04/21/2023 10:15	04/21/2023 10:20		
460-278409-D-7	WC-A-E-2(0-3)	9095B	T	100 g	0 mL	04/21/2023 10:20	04/21/2023 10:25		
460-278409-D-13	WC-A-E-3(0-3)	9095B	T	100 g	0 mL	04/21/2023 10:25	04/21/2023 10:30		
460-278409-D-19	WC-A-E-4(0-3)	9095B	T	100 g	0 mL	04/21/2023 10:30	04/21/2023 10:35		

Batch Notes	
Filter ID	Gersn fine mesh Paint Filter Lot# B5150728JFB
Balance ID	#30
Batch Comment	Thermometer ID: COD 705147

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904079 Batch Start Date: 04/19/23 19:45 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-278408-A-2 DU		Moisture	T	1	31.43 g	36.74 g	35.88 g	16.195856873823 %	83.804143126177 %
460-278409-A-1	WC-A-E-1(0-3)	Moisture	T		5.39 g	27.02 g	25.03 g	9.2001849283403 1 %	90.799815071659 7 %
460-278409-A-7	WC-A-E-2(0-3)	Moisture	T		5.39 g	24.39 g	22.68 g	9 %	91 %
460-278409-A-13	WC-A-E-3(0-3)	Moisture	T		5.39 g	27.27 g	25.45 g	8.3180987202925 %	91.681901279707 5 %
460-278409-A-19	WC-A-E-4(0-3)	Moisture	T		5.39 g	19.15 g	18.02 g	8.2122093023256 %	91.787790697674 4 %
460-278413-A-2 MS		Moisture	T		5.39 g	18.55 g	15.19 g	25.531914893617 %	74.468085106383 %
460-278413-A-2 MSD		Moisture	T		5.39 g	18.55 g	15.19 g	25.531914893617 %	74.468085106383 %

Batch Notes	
Balance ID	106
Oven ID	3
Thermometer ID	W25364
Date samples were placed in the oven	04/19/2023
Time samples were place in the oven	20:43
Temperature - Start - Uncorrected	104 Degrees C
Oven Temp In	104 Degrees C
Date samples were removed from oven	04/20/2023
Temperature - End - Uncorrected	104 Degrees C
Oven Temp Out	104 Degrees C
Batch Comment	OVEN

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904179 Batch Start Date: 04/20/23 08:58 Batch Analyst: Acierno, Mark

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid	
460-278409-A-21 DU		Moisture		28.67 g	37.96 g	37.41 g	5.9203444564048 1 %	94.079655435952 %	
460-278409-A-15	WC-A-E-3(0-3)b	Moisture	T	5.39 g	25.23 g	24.00 g	6.1995967741934 9 %	93.800403225806 5 %	
460-278409-A-6	WC-A-E-1(0-3)e	Moisture	T	5.39 g	22.92 g	21.77 g	6.5601825442098 9 %	93.439817455790 1 %	
460-278409-A-22	WC-A-E-4(0-3)c	Moisture	T	5.39 g	28.43 g	26.92 g	6.5538194444444 %	93.446180555555 6 %	
460-278409-A-4	WC-A-E-1(0-3)c	Moisture	T	5.39 g	26.55 g	25.05 g	7.0888468809074 %	92.911153119092 6 %	
460-278409-A-23	WC-A-E-4(0-3)d	Moisture	T	5.39 g	15.29 g	14.87 g	4.2424242424242 1 %	95.757575757575 8 %	
460-278409-A-2	WC-A-E-1(0-3)a	Moisture	T	5.39 g	24.93 g	23.49 g	7.3694984646877 9 %	92.630501535312 2 %	
460-278409-A-18	WC-A-E-3(0-3)e	Moisture	T	5.39 g	21.89 g	21.35 g	3.2727272727272 9 %	96.727272727272 7 %	
460-278409-A-8	WC-A-E-2(0-3)a	Moisture	T	5.39 g	22.01 g	20.38 g	9.8074608904934 %	90.192539109506 6 %	
460-278409-A-11	WC-A-E-2(0-3)d	Moisture	T	5.39 g	22.77 g	21.04 g	9.9539700805523 9 %	90.046029919447 6 %	
460-278409-A-24	WC-A-E-4(0-3)e	Moisture	T	5.39 g	20.88 g	19.88 g	6.4557779212395 %	93.544222078760 5 %	
460-278409-A-20	WC-A-E-4(0-3)a	Moisture	T	5.39 g	19.30 g	18.55 g	5.3918044572250 1 %	94.608195542775 %	
460-278409-A-14	WC-A-E-3(0-3)a	Moisture	T	5.39 g	20.62 g	19.92 g	4.5961917268549 %	95.403808273145 1 %	
460-278409-A-9	WC-A-E-2(0-3)b	Moisture	T	5.39 g	20.55 g	19.63 g	6.0686015831135 1 %	93.931398416886 5 %	
460-278409-A-16	WC-A-E-3(0-3)c	Moisture	T	5.39 g	18.84 g	18.06 g	5.7992565055762 %	94.200743494423 8 %	
460-278409-A-10	WC-A-E-2(0-3)c	Moisture	T	5.39 g	19.97 g	19.52 g	3.0864197530864 %	96.913580246913 6 %	
460-278409-A-17	WC-A-E-3(0-3)d	Moisture	T	5.39 g	24.95 g	23.95 g	5.1124744376278 %	94.887525562372 2 %	
460-278409-A-3	WC-A-E-1(0-3)b	Moisture	T	5.39 g	22.20 g	21.44 g	4.5211183819155 %	95.478881618084 5 %	
460-278409-A-5	WC-A-E-1(0-3)d	Moisture	T	5.39 g	23.38 g	22.25 g	6.2812673707615 %	93.718732629238 5 %	
460-278409-A-12	WC-A-E-2(0-3)e	Moisture	T	5.39 g	22.02 g	20.79 g	7.3962717979555 1 %	92.603728202044 5 %	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904179 Batch Start Date: 04/20/23 08:58 Batch Analyst: Acierno, Mark

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	#106
Oven ID	microwave #1

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904522 Batch Start Date: 04/21/23 20:04 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-278409-B-2	WC-A-E-1(0-3)a	Moisture	T	49	27.79 g	32.96 g	32.50 g	8.8974854932302 1 %	91.102514506769 8 %
460-278409-B-3	WC-A-E-1(0-3)b	Moisture	T	50	28.17 g	33.56 g	33.28 g	5.1948051948052 %	94.805194805194 8 %
460-278409-B-4	WC-A-E-1(0-3)c	Moisture	T	51	24.18 g	29.34 g	28.91 g	8.3333333333333 %	91.666666666666 7 %
460-278409-B-5	WC-A-E-1(0-3)d	Moisture	T	52	28.50 g	33.47 g	33.03 g	8.8531187122736 %	91.146881287726 4 %
460-278409-B-6	WC-A-E-1(0-3)e	Moisture	T	53	27.27 g	32.45 g	31.97 g	9.2664092664093 %	90.733590733590 7 %
460-278409-B-8	WC-A-E-2(0-3)a	Moisture	T	54	28.97 g	33.51 g	33.03 g	10.572687224669 6 %	89.427312775330 4 %
460-278409-B-9	WC-A-E-2(0-3)b	Moisture	T	55	27.91 g	32.58 g	32.26 g	6.8522483940043 1 %	93.147751605995 7 %
460-278409-B-10	WC-A-E-2(0-3)c	Moisture	T	56	27.57 g	32.44 g	32.13 g	6.3655030800821 1 %	93.634496919917 9 %
460-278409-B-11	WC-A-E-2(0-3)d	Moisture	T	57	28.05 g	33.75 g	33.24 g	8.9473684210526 %	91.052631578947 4 %
460-278409-B-12	WC-A-E-2(0-3)e	Moisture	T	58	24.32 g	29.52 g	29.08 g	8.4615384615385 %	91.538461538461 5 %
460-278409-B-14	WC-A-E-3(0-3)a	Moisture	T	59	25.35 g	30.82 g	30.43 g	7.1297989031079 %	92.870201096892 1 %
460-278409-B-15	WC-A-E-3(0-3)b	Moisture	T	60	26.92 g	31.50 g	31.15 g	7.6419213973799 %	92.358078602620 1 %
460-278409-B-16	WC-A-E-3(0-3)c	Moisture	T	61	23.06 g	28.80 g	28.32 g	8.3623693379791 %	91.637630662020 9 %
460-278409-B-17	WC-A-E-3(0-3)d	Moisture	T	62	26.82 g	31.68 g	31.32 g	7.4074074074074 %	92.592592592592 6 %
460-278409-B-18	WC-A-E-3(0-3)e	Moisture	T	63	27.97 g	32.38 g	32.07 g	7.0294784580498 9 %	92.970521541950 1 %
460-278409-B-20	WC-A-E-4(0-3)a	Moisture	T	64	27.11 g	32.52 g	32.15 g	6.8391866913124 1 %	93.160813308687 6 %
460-278409-B-21	WC-A-E-4(0-3)b	Moisture	T	65	29.35 g	34.43 g	34.01 g	8.2677165354331 %	91.732283464566 9 %
460-278409-B-21 DU	WC-A-E-4(0-3)b	Moisture	T	66	29.78 g	34.90 g	34.55 g	6.8359375 %	93.1640625 %

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904522 Batch Start Date: 04/21/23 20:04 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Batch Notes	
Balance ID	106
Oven ID	DM3250
Thermometer ID	100
Date samples were placed in the oven	04/21/2023
Time samples were place in the oven	22:21
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	04/21/2023
Time Samples were removed from oven	22:41
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	MICROWAVE

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904524 Batch Start Date: 04/21/23 20:04 Batch Analyst: Cho, Claudia J

Batch Method: Moisture Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	DISH#	DishWeight	SampleMassWet	SampleMassDry	%_Moisture	%_Solid
460-278409-B-22	WC-A-E-4(0-3)c	Moisture	T	68	27.37 g	32.32 g	31.88 g	8.8888888888889 %	91.1111111111111 %
460-278409-B-23	WC-A-E-4(0-3)d	Moisture	T	69	27.76 g	32.72 g	32.32 g	8.0645161290323 %	91.9354838709677 %
460-278409-B-24	WC-A-E-4(0-3)e	Moisture	T	70	28.57 g	33.68 g	33.12 g	10.958904109589 1 %	89.041095890410 9 %
460-278603-A-3 DU		Moisture	T	88	28.21 g	33.57 g	33.00 g	10.634328358209 %	89.365671641791 %

Batch Notes	
Balance ID	106
Oven ID	DM3250
Thermometer ID	100
Date samples were placed in the oven	04/21/2023
Time samples were place in the oven	22:21
Temperature - Start - Uncorrected	100 Degrees C
Oven Temp In	100 Degrees C
Date samples were removed from oven	04/21/2023
Time Samples were removed from oven	22:41
Temperature - End - Uncorrected	100 Degrees C
Oven Temp Out	100 Degrees C
Batch Comment	MICROWAVE

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904049 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	Final pH	AnalysisComment		
LB 460-904049/1		D3987-12, SM 2540B		70.00 g	1400 mL	5.81 SU	DI water, 30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-1	WC-A-E-1(0-3)	D3987-12, SM 2540B	Y	70.08 g	1400 mL	9.83 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-7	WC-A-E-2(0-3)	D3987-12, SM 2540B	Y	70.02 g	1400 mL	10.24 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-13	WC-A-E-3(0-3)	D3987-12, SM 2540B	Y	70.06 g	1400 mL	10.06 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		
460-278409-M-19	WC-A-E-4(0-3)	D3987-12, SM 2540B	Y	70.09 g	1400 mL	9.90 SU	30% headspeac on 2L bottle, pH measured on 04/20/2023		

Batch Notes	
Balance ID	13
Filter ID	mecrk millipor AP2012450
Uncorrected Initial Room Temperature	22.7 Degrees C
Uncorrected Final Room Temperature	22.9 Degrees C
Initial Room Temperature	22.7 Degrees C
Final Room Temperature	22.9 Degrees C
Room Temperature Thermometer ID	S72864
Rotator ID	29rpm
Tumble Start Time	04/17/2023 15:00
Tumble End Time	04/18/2023 09:00
Batch Comment	Portion of leachate is preserved by 10% H2SO4 (C-1066-22 exp. 06/23/23)

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904049 Batch Start Date: 04/19/23 15:00 Batch Analyst: Hu, Youhao

Batch Method: D3987-12 Batch End Date: 04/20/23 09:00

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904224 Batch Start Date: 04/20/23 13:03 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540B Batch End Date: 04/21/23 13:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	CrucibleID	DishWeight	Weight1	Weight2
MB 460-904224/1		SM 2540B		100 mL	100 mL	O	76.3945 g	76.3944 g	76.3943 g
LCSSRM 460-904224/2		SM 2540B		100 mL	100 mL	A	80.4609 g	80.4877 g	80.4878 g
MRL 460-904224/3		SM 2540B		100 mL	100 mL	BO	79.8010 g	79.8013 g	79.8016 g
460-278409-M-7-C	WC-A-E-2(0-3)	SM 2540B	Y	100 mL	100 mL	KZ	65.7512 g	65.7618 g	65.7620 g
460-278409-M-7-C DU	WC-A-E-2(0-3)	SM 2540B	Y	100 mL	100 mL	KC	75.5081 g	75.5181 g	75.5186 g
460-278409-M-1-C	WC-A-E-1(0-3)	SM 2540B	Y	100 mL	100 mL	C	79.1684 g	79.1782 g	79.1783 g
460-278409-M-13-C	WC-A-E-3(0-3)	SM 2540B	Y	100 mL	100 mL	E	81.4335 g	81.4419 g	81.4432 g
460-278409-M-19-C	WC-A-E-4(0-3)	SM 2540B	Y	100 mL	100 mL	KL	80.2331 g	80.2441 g	80.2439 g
LB 460-904049/1-A		SM 2540B		100 mL	100 mL	WF	64.0714 g	64.0715 g	64.0714 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	WeightOne%Diff	WeightTwo%Diff	Residue	Residue2	Residue3
MB 460-904224/1		SM 2540B		76.3945 g	PASS	PASS	-9.99999999891088E-05 g	-0.000199999999992428 g	0 g
LCSSRM 460-904224/2		SM 2540B		80.4874 g	PASS	PASS	0.026800000000086 g	0.026899999999977 g	0.026499999999986 g
MRL 460-904224/3		SM 2540B		79.8013 g	PASS	PASS	0.000299999999995748 g	0.000599999999991496 g	0.000299999999995748 g
460-278409-M-7-C	WC-A-E-2(0-3)	SM 2540B	Y	0 g	PASS		0.010599999999966 g	0.010800000000033 g	
460-278409-M-7-C DU	WC-A-E-2(0-3)	SM 2540B	Y	75.5182 g	FAIL	PASS	0.010000000000051 g	0.010500000000075 g	0.010099999999942 g
460-278409-M-1-C	WC-A-E-1(0-3)	SM 2540B	Y	0 g	PASS		0.009799999999989848 g	0.009899999999988759 g	
460-278409-M-13-C	WC-A-E-3(0-3)	SM 2540B	Y	81.4430 g	FAIL	PASS	0.008400000000000884 g	0.009700000000000937 g	0.009500000000000273 g
460-278409-M-19-C	WC-A-E-4(0-3)	SM 2540B	Y	0 g	PASS		0.011000000000000099 g	0.010800000000000033 g	
LB 460-904049/1-A		SM 2540B		0 g	PASS		0.000100000000000332 g	0 g	

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	WTSolidsLCS00008				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904224 Batch Start Date: 04/20/23 13:03 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540B Batch End Date: 04/21/23 13:36

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg	WTSolidsLCS 00008				
MB 460-904224/1		SM 2540B		OK					
LCSSRM 460-904224/2		SM 2540B		OK	100 mL				
MRL 460-904224/3		SM 2540B		OK	0.8 mL				
460-278409-M-7-C	WC-A-E-2(0-3)	SM 2540B	Y	OK					
460-278409-M-7-C DU	WC-A-E-2(0-3)	SM 2540B	Y	OK					
460-278409-M-1-C	WC-A-E-1(0-3)	SM 2540B	Y	OK					
460-278409-M-13-C	WC-A-E-3(0-3)	SM 2540B	Y	OK					
460-278409-M-19-C	WC-A-E-4(0-3)	SM 2540B	Y	OK					
LB 460-904049/1-A		SM 2540B		OK					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904224 Batch Start Date: 04/20/23 13:03 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540B Batch End Date: 04/21/23 13:36

Batch Notes	
Nominal Amount Used	100 mL
Perform Calculation (0=No, 1=Yes)	Yes
Balance ID	85
Oven ID	TSS C
Thermometer ID	5637985
Date/Time - In	04/20/2023 13:17
Temperature - Start - Uncorrected	103 Celsius
Temperature - Start - Corrected	105 Celsius
Date/Time - Out	04/21/2023 07:50
Temperature - End - Uncorrected	103 Celsius
Temperature - End - Corrected	105 Celsius
Date/Time - In - CW (WT2)	04/21/2023 09:11
Temperature - Start-CW(WT2) -Uncorrected	103 Celsius
Temperature - Start - CW (WT2) - Correct	105 Celsius
Date/Time - Out - CW (WT2)	04/21/2023 10:30
Temperature - End-CW(WT2) -Uncorrected	103 Celsius
Temperature - End - CW (WT2) - Correct	105 Celsius
Date/Time - In - CW (WT3)	04/21/2023 11:38
Temperature - Start-CW(WT3) -Uncorrected	105 Celsius
Temperature - Start - CW (WT3) - Correct	103 Celsius
Date/Time - Out - CW (WT3)	04/21/2023 06:36
Temperature - End-CW(WT3) -Uncorrected	105 Celsius
Temperature - End - CW (WT3) - Correct	103 Celsius
Batch Comment	Glassware In: 04/191/23 @ 7:30 am@103 Out: 04/19/23 @ 9:00 am @ 103

Basis	Basis Description
Y	ASTM Leach

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904008 Batch Start Date: 04/19/23 13:16 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540G Batch End Date: 04/21/23 11:49

Lab Sample ID	Client Sample ID	Method Chain	Basis	CrucibleID	DishWeight	Dish&sample	FinalAmount	Weight1	Weight2
460-278409-F-1	WC-A-E-1(0-3)	SM 2540G	T	X	47.9275 g	73.9492 g	26.02170 g	71.6008 g	71.6123 g
460-278409-F-1 DU	WC-A-E-1(0-3)	SM 2540G	T	B	46.4794 g	72.7997 g	26.32030 g	70.6204 g	70.6297 g
460-278409-H-7	WC-A-E-2(0-3)	SM 2540G	T	9	53.9236 g	80.6961 g	26.77250 g	78.2313 g	78.2382 g
460-278409-I-13	WC-A-E-3(0-3)	SM 2540G	T	A	47.5282 g	74.0994 g	26.57120 g	72.0012 g	72.0072 g
460-278409-E-19	WC-A-E-4(0-3)	SM 2540G	T	m	52.8192 g	81.7200 g	28.90080 g	79.2639 g	79.2687 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	Weight3	ResDishWt	IgWeight1	IgWeight2	IgWeight3	Wt550C
460-278409-F-1	WC-A-E-1(0-3)	SM 2540G	T	71.6120 g	71.612 g	71.3203 g	71.3288 g	71.3290 g	71.329 g
460-278409-F-1 DU	WC-A-E-1(0-3)	SM 2540G	T	70.6296 g	70.6296 g	70.3771 g	70.3859 g	70.3860 g	70.386 g
460-278409-H-7	WC-A-E-2(0-3)	SM 2540G	T	78.2382 g	78.2382 g	77.9674 g	77.9753 g	77.9754 g	77.9754 g
460-278409-I-13	WC-A-E-3(0-3)	SM 2540G	T	72.0072 g	72.0072 g	71.7554 g	71.7626 g	71.7628 g	71.7628 g
460-278409-E-19	WC-A-E-4(0-3)	SM 2540G	T	79.2689 g	79.2689 g	78.9474 g	78.9580 g	78.9579 g	78.9579 g

Lab Sample ID	Client Sample ID	Method Chain	Basis	CalcMsg					
460-278409-F-1	WC-A-E-1(0-3)	SM 2540G	T	OK					
460-278409-F-1 DU	WC-A-E-1(0-3)	SM 2540G	T	OK					
460-278409-H-7	WC-A-E-2(0-3)	SM 2540G	T	OK					
460-278409-I-13	WC-A-E-3(0-3)	SM 2540G	T	OK					
460-278409-E-19	WC-A-E-4(0-3)	SM 2540G	T	OK					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904008 Batch Start Date: 04/19/23 13:16 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540G Batch End Date: 04/21/23 11:49

Batch Notes	
Perform Calculation (0=No, 1=Yes)	1
Oven ID	TSS C
Balance ID	85
Muffle Furnace ID	TVS A
Thermometer ID	5637985
Date/Time - In	04/19/2023 13:25
Temperature - Start - Uncorrected	103 Celsius
Temperature - Start - Corrected	105 Celsius
Date/Time - Out	04/20/2023 07:30
Temperature - End - Uncorrected	103 Celsius
Temperature - End - Corrected	105 Celsius
Date/Time - In - CW (WT2)	04/20/2023 09:00
Temperature - Start-CW(WT2) -Uncorrected	103 Celsius
Temperature - Start - CW (WT2) - Correct	105 Celsius
Date/Time - Out - CW (WT2)	04/20/2023 10:10
Temperature - End-CW(WT2) -Uncorrected	103 Celsius
Temperature - End - CW (WT2) - Correct	105 Celsius
Date/Time - In - CW (WT3)	04/20/2023 10:55
Temperature - Start-CW(WT3) -Uncorrected	103 Celsius
Temperature - Start - CW (WT3) - Correct	105 Celsius
Date/Time - Out - CW (WT3)	04/20/2023 12:00
Temperature - End-CW(WT3) -Uncorrected	103 Celsius
Temperature - End - CW (WT3) - Correct	105 Celsius
Date/Time - In - CW (WT4)	04/20/2023 13:22
Temperature - Start-CW(WT4) -Uncorrected	550 Celsius
Date/Time - Out - CW (WT4)	04-20-23@14;25
Temperature - End-CW(WT4) -Uncorrected	550 Celsius
Date/Time - In - CW(WT5)	04/21/2023 08:15
Temperature -Start-CW(WT5)-Uncorrected	550 Celsius
Date/Time - Out - CW(WT5)	04/21/2023 08:45

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Edison Job No.: 460-278409-1

SDG No.:

Batch Number: 904008 Batch Start Date: 04/19/23 13:16 Batch Analyst: Staib, Patricia L

Batch Method: SM 2540G Batch End Date: 04/21/23 11:49

Temperature - End-CW(WT5)-Uncorrected	550 Celsius
Blank Matrix ID	IGN3in04-21-23@10:15@550 IGN3out04-21-23@10:45@550
Batch Comment	crucibles in 04-180--23@7:00@550 Out04-18-23@9;00@550

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-278409-1

SDG No.:

Batch Number: 367944 Batch Start Date: 04/24/23 17:33 Batch Analyst: Dabsu, Tesfaye D

Batch Method: 9071B Batch End Date: 04/25/23 00:50

Lab Sample ID	Client Sample ID	Method Chain	Basis	InitialAmount	FinalAmount	WC_HEM_12000_00010			
MB 410-367944/1		9071B, 9071B		20.04 g	20.00 g				
LCS 410-367944/2		9071B, 9071B		20.02 g	20.00 g	8.3 mL			
410-123256-F-2 MS		9071B, 9071B	T	20.29 g	20.00 g	8.3 mL			
410-123256-F-2 MSD		9071B, 9071B	T	20.51 g	20.00 g	8.3 mL			
410-123256-F-2 DU		9071B, 9071B	T	20.40 g	20.00 g				
460-278409-C-19	WC-A-E-4(0-3)	9071B, 9071B	T	20.30 g	20.00 g				
460-278409-C-13	WC-A-E-3(0-3)	9071B, 9071B	T	20.36 g	20.00 g				
460-278409-C-1	WC-A-E-1(0-3)	9071B, 9071B	T	20.32 g	20.00 g				
460-278409-C-7	WC-A-E-2(0-3)	9071B, 9071B	T	20.35 g	20.00 g				

Batch Notes	
Analyst ID - HEM Extraction	29976
Hexane ID	WC_Hexane_STK_00036
Na2SO4 ID	WC_Na2SO4_BKD_00008
Acid ID	WC_HCl_50%_00_00008
Filter Material ID	17679794
Concentration Start Time	20:30
Concentration End Time	00:30
Balance ID	18960
Weight Set ID	26323
Blank Soil Lot Number	WC_Sand_STK_0_00002

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-278409-1

SDG No.:

Batch Number: 368055 Batch Start Date: 04/25/23 00:55 Batch Analyst: Dabsu, Tesfaye D

Batch Method: 9071B Batch End Date: 04/26/23 02:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	FinalAmount	RECTUBE#	ReceiverTube	HEMWgt1	HEMWgt2	Weight2OK
MB 410-367944/1-A		9071B		20.00 g	T1	6.2459 g	6.2471 g	6.2472 g	Pass 0.0005g
LCS 410-367944/2-A		9071B		20.00 g	T2	6.2667 g	6.3635 g	6.3634 g	Pass 0.0005g
410-123256-F-2-B MS		9071B	T	20.00 g	T4	6.2812 g	6.4453 g	6.4453 g	Pass 0.0005g
410-123256-F-2-C MSD		9071B	T	20.00 g	T5	6.3165 g	6.4934 g	6.4934 g	Pass 0.0005g
410-123256-F-2-E DU		9071B	T	20.00 g	T6	6.3102 g	6.3730 g	6.3730 g	Pass 0.0005g
460-278409-C-19-A	WC-A-E-4(0-3)	9071B	T	20.00 g	T8	6.3897 g	6.3917 g	6.3917 g	Pass 0.0005g
460-278409-C-13-A	WC-A-E-3(0-3)	9071B	T	20.00 g	T9	6.2918 g	6.2943 g	6.2943 g	Pass 0.0005g
460-278409-C-1-A	WC-A-E-1(0-3)	9071B	T	20.00 g	T10	6.3132 g	6.3164 g	6.3164 g	Pass 0.0005g
460-278409-C-7-A	WC-A-E-2(0-3)	9071B	T	20.00 g	T11	6.3819 g	6.3861 g	6.3857 g	Pass 0.0005g

Lab Sample ID	Client Sample ID	Method Chain	Basis	MinSilicaGel	SgtRecomendedSplit	Residue	Residue2	SGTRECTUBE#	SGTRecTube
MB 410-367944/1-A		9071B		3 g	Not Required	0.0012 g	0.0013 g	A	6.3554 g
LCS 410-367944/2-A		9071B		3 g	Not Required	0.0968 g	0.0967 g	B	6.3397 g
410-123256-F-2-B MS		9071B	T	6 g	Not Required	0.1641 g	0.1641 g	D	6.2796 g
410-123256-F-2-C MSD		9071B	T	6 g	Not Required	0.1769 g	0.1769 g	E	6.3217 g
410-123256-F-2-E DU		9071B	T	3 g	Not Required	0.0628 g	0.0628 g	F	6.3359 g
460-278409-C-19-A	WC-A-E-4(0-3)	9071B	T	3 g	Not Required	0.002 g	0.002 g		
460-278409-C-13-A	WC-A-E-3(0-3)	9071B	T	3 g	Not Required	0.0025 g	0.0025 g		
460-278409-C-1-A	WC-A-E-1(0-3)	9071B	T	3 g	Not Required	0.0032 g	0.0032 g		
460-278409-C-7-A	WC-A-E-2(0-3)	9071B	T	3 g	Not Required	0.0042 g	0.0038 g		

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTWgt1	SGTWgt2	SGTResidue1	SGTResidue2	SGTWeightOne%Diff	CalcMsg

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-278409-1

SDG No.:

Batch Number: 368055 Batch Start Date: 04/25/23 00:55 Batch Analyst: Dabsu, Tesfaye D

Batch Method: 9071B Batch End Date: 04/26/23 02:13

Lab Sample ID	Client Sample ID	Method Chain	Basis	SGTWgt1	SGTWgt2	SGTResidue1	SGTResidue2	SGTWeightOne%Diff	CalcMsg
MB 410-367944/1-A		9071B		6.3566 g	6.3565 g	0.0012 g	0.0011 g	Pass 0.0005g	OK
LCS 410-367944/2-A		9071B		6.3849 g	6.3848 g	0.0452 g	0.0451 g	Pass 0.0005g	OK
410-123256-F-2-B MS		9071B	T	6.3780 g	6.3780 g	0.0984 g	0.0984 g	Pass 0.0005g	OK
410-123256-F-2-C MSD		9071B	T	6.4264 g	6.4265 g	0.1047 g	0.1048 g	Pass 0.0005g	OK
410-123256-F-2-E DU		9071B	T	6.3808 g	6.3809 g	0.0449 g	0.045 g	Pass 0.0005g	OK
460-278409-C-19-A	WC-A-E-4(0-3)	9071B	T						HEM OK. SGT-HEM not calculated.
460-278409-C-13-A	WC-A-E-3(0-3)	9071B	T						HEM OK. SGT-HEM not calculated.
460-278409-C-1-A	WC-A-E-1(0-3)	9071B	T						HEM OK. SGT-HEM not calculated.
460-278409-C-7-A	WC-A-E-2(0-3)	9071B	T						HEM OK. SGT-HEM not calculated.

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GENERAL CHEMISTRY BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratorie Job No.: 460-278409-1

SDG No.:

Batch Number: 368055 Batch Start Date: 04/25/23 00:55 Batch Analyst: Dabsu, Tesfaye D

Batch Method: 9071B Batch End Date: 04/26/23 02:13

Batch Notes	
Desiccator In Time - 1st Weight	22:00
Desiccator Out Time - 1st Weight	22:30
Desiccator In Time - 2nd Weight	22:35
Desiccator Out Time - 2nd Weight	23:30
Cal check before 1st Weighing - 1g	0.9998 g
Cal check before 1st Weighing - 2 mg	0.0020 g
Cal check after 2nd Weighing - 1g	1.0000 g
Cal check after 2nd Weighing - 2 mg	0.0019 g
Balance ID	18960
Weight Set ID	26323
Aluminum Pan Lot ID	F93140DSH
SGT Desiccator In Time - 1st Weight	01:00
SGT Desiccator Out Time - 1st Weight	01:30
SGT Desiccator In Time - 2nd Weight	01:35
SGT Desiccator Out Time - 2nd Weight	02:10
Silica Gel ID	WC_SiO2_G_BKD_00010

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Eurofins Edison
777 New Durham Road

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody

460-278409 Chain of Custody

Eurofins | Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other

Eurofins Environment Testing America

COC No: 1

1 of 2 COCs

Client Contact	Project Manager: Tovah Karl	Site Contact: Chris Husted	Date: 4/17/2023	TALS Project #:
WSP	Email: tovah.karl@wsp.com	Lab Contact: Carin Ferris	Carrier: Eurofins Courier	Sampler: Joe Spatafore
751 Arbor Way, Ste. 180	Tel/Fax: 215-495-8891			For Lab Use Only:
Blue Bell, PA 19422	Analysis Turnaround Time			Walk-in Client:
(610) 828-8100 Phone	☑ CALENDAR DAYS ☐ WORKING DAYS			Lab Sampling:
chris.husted@wsp.com & tovah.karl@wsp.com Email	TAT if different from Below 5 DAY RUSH			Job / SDG No.: 278409
Project Name: Vo-Toys	☐ 2 weeks			
Site: 400 S. 5th Street, Harrison NJ	☐ 1 week			
P O # WDC12030A.300.303.3482.573000	☐ 2 days			
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	9071B- HEM	9014 Reactive CN	9034 Reactive Sulfide	8082A PCBs	9045D pH	1030 Ignitability	2540G Total Volatile Solids	8016D DRO & 8015D GRO	SM2540B Total Solids (ASTM)	1664A NP HEM ASTM	5220D COD ASTM	SM4500 NH3 Ammonia ASTM	9095B Paint Filter	TCLP 8151A & 8081B	TCLP 8270E & 8260D	TCLP 9040C & 6020B+Be,Cu,Ni,Zn	Total Hg 7471B	Sample Specific Notes:
WC-A-E-1(0-3)	4/17/2023	13:40	C	S	12	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		1
WC-A-E-1(0-3)a	4/17/2023	13:35	G	S	1	N	N																	X	2 Hold
WC-A-E-1(0-3)b	4/17/2023	13:30	G	S	1	N	N																	X	3 Hold
WC-A-E-1(0-3)c	4/17/2023	13:10	G	S	1	N	N																	X	4 Hold
WC-A-E-1(0-3)d	4/17/2023	13:05	G	S	1	N	N																	X	5 Hold
WC-A-E-1(0-3)e	4/17/2023	12:37	G	S	1	N	N																	X	6 Hold
WC-A-E-2(0-3)	4/17/2023	11:00	C	S	12	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		7
WC-A-E-2(0-3)a	4/17/2023	10:25	G	S	1	N	N																	X	8 Hold
WC-A-E-2(0-3)b	4/17/2023	10:30	G	S	1	N	N																	X	9 Hold
WC-A-E-2(0-3)c	4/17/2023	10:35	G	S	1	N	N																	X	10 Hold
WC-A-E-2(0-3)d	4/17/2023	10:42	G	S	1	N	N																	X	11 Hold
WC-A-E-2(0-3)e	4/17/2023	10:45	G	S	1	N	N																	X	12 Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☑ Archive for _____ Months

SHORT HOLD

Special Instructions/QC Requirements & Comments:
5-day rush for the 4 composite samples
Email results to chris.husted@wsp.com & tovah.karl@wsp.com & john.poserina@wsp.com
Retain for 1 month - notify Chris Husted prior to disposal

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.:	Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____			
Relinquished by: Joe Spatafore	Company: WSP	Date/Time: 4-17-23 15 15	Received by:	Company: ETA	Date/Time: 4/17/23 15:17
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2.5° 12.5 , 1.0° 11.0° JR 9

4/26/2023 10:25 PM

Eurofins Edison
777 New Durham Road

Edison, NJ 08817-2859
phone 732.549.3900 fax 732.549.3679

Chain of Custody Record

eurofins Environment Testing America

Regulatory Program: ☐ DW ☐ NPDES ☐ RCRA ☐ Other:

Eurofins Environment Testing America

Client Contact	Project Manager: Tovah Karl	Site Contact: Chris Husted	Date: 4/17/2023	COC No: 2
WSP	Email: tovah.karl@wsp.com	Lab Contact: Carin Ferris	Carrier: Eurofins Courier	2 of 2 COCs
751 Arbor Way, Ste. 180	Tel/Fax: 215-495-8891			TALS Project #:
Blue Bell, PA 19422	Analysis Turnaround Time			Sampler: Joe Spatafore
(610) 828-8100 Phone	☑ CALENDAR DAYS ☐ WORKING DAYS			For Lab Use Only:
chris.husted@wsp.com & tovah.karl@wsp.com Email	TAT if different from Below 5 DAY RUSH			Walk-in Client:
Project Name: Vo-Toys	☐ 2 weeks			Lab Sampling:
Site: 400 S. 5th Street, Harrison NJ	☐ 1 week			Job / SDG No.: 178409
P O # WDC12030A.300.303.3482.573000	☐ 2 days ☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	9071B- HEM	9014 Reactive CN	9034 Reactive Sulfide	8082A PCBs	9045D pH	1030 Ignitability	2540G Total Volatile Solids	8015D DRO & 8015D GRO	SM2540B Total Solids (ASTM)	1664A NP HEM ASTM	5220D COD ASTM	SM4500 NH3 Ammonia ASTM	9095B Paint Filter	TCLP 8151A & 8081B	TCLP 8270E & 8260D	TCLP 9040C & 6020B+Be,Cu,Ni,Zn	Total Hg 7471B	Sample Specific Notes:
WC-A-E-3(0-3)	4/17/2023	12:10	C	S	12	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		13
WC-A-E-3(0-3)a	4/17/2023	11:30	G	S	1	N	N																	X	14 Hold
WC-A-E-3(0-3)b	4/17/2023	11:32	G	S	1	N	N																	X	15 Hold
WC-A-E-3(0-3)c	4/17/2023	11:35	G	S	1	N	N																	X	16 Hold
WC-A-E-3(0-3)d	4/17/2023	12:07	G	S	1	N	N																	X	17 Hold
WC-A-E-3(0-3)e	4/17/2023	11:55	G	S	1	N	N																	X	18 Hold
WC-A-E-4(0-3)	4/17/2023	10:20	C	S	12	N	N	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		19
WC-A-E-4(0-3)a	4/17/2023	09:55	G	S	1	N	N																	X	20 Hold
WC-A-E-4(0-3)b	4/17/2023	09:45	G	S	1	N	N																	X	21 Hold
WC-A-E-4(0-3)c	4/17/2023	09:40	G	S	1	N	N																	X	22 Hold
WC-A-E-4(0-3)d	4/17/2023	10:00	G	S	1	N	N																	X	23 Hold
WC-A-E-4(0-3)e	4/17/2023	10:05	G	S	1	N	N																	X	24 Hold

Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____

Possible Hazard Identification:
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☑ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☑ Archive for _____ Months

Special Instructions/QC Requirements & Comments:
5-day rush for the 4 composite samples
Email results to chris.husted@wsp.com & tovah.karl@wsp.com & john.poserina@wsp.com
Retain for 1 month - notify Chris Husted prior to disposal

Custody Seals Intact: ☐ Yes ☐ No | Custody Seal No.: | Cooler Temp. (°C): Obs'd:_____ Corr'd:_____ Therm ID No.:_____

	Company	Date/Time		Company	Date/Time
Relinquished by: Joe Spatafore	WSP	4-17-23 15:15	Received by:	ETA	4/17/23 15:17
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company:	Date/Time:

2.5° 12.5°, 10.0° 11.0° IR 9

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Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 278409

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	2.5 ℃	2.5 ℃	Cooler #4:	℃	℃	Cooler #7:	℃	℃
Cooler #2:	1.0 ℃	1.0 ℃	Cooler #5:	℃	℃	Cooler #8:	℃	℃
Cooler #3:	℃	℃	Cooler #6:	℃	℃	Cooler #9:	℃	℃

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals* (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

** Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.*

Initials: TL Date: 4/17/23

4/26/2023 9:25 PM

Eurofins Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler:	Lab PM: Ferris, Carin A	Carrier Tracking No(s):	COC No: 460-67975.1
Client Contact: Shipping/Receiving	Phone:	E-Mail: carin.ferris@et.eurofinsus.com	State of Origin: New Jersey	Page: Page 1 of 1
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): NELAP - New Jersey		Job #: 460-278409-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 4/21/2023			
City: Lancaster	TAT Requested (days):			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #:			
Email:	WO #:			
Project Name: Vo-Toys, Harrison, NJ Site	Project #: 46024869			
Site: Vo Toys	SSOW#:			

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Y - Tnzma, Z - other (specify)
Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	9071B/9071B_P_Sox HEM (Oil & Grease)	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
WC-A-E-1(0-3) (460-278409-1)	4/17/23	Eastern		Solid			X	1	
WC-A-E-2(0-3) (460-278409-7)	4/17/23	Eastern		Solid			X	1	
WC-A-E-3(0-3) (460-278409-13)	4/17/23	Eastern		Solid			X	1	
WC-A-E-4(0-3) (460-278409-19)	4/17/23	Eastern		Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northeast, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northeast, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northeast, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northeast, LLC

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 4	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	4/18/23	ELLE	[signature]	18APR23 1800	ELLE
2	[signature]	18APR23 2030	ELLE			
3	[signature]			[signature]	4-18-23 2030	ELLE

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 4.7

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