

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH

Client : Remington & Vernick Engineers

Project Location : NJ

Project Number : 0514T294

Laboratory Sample ID(s) : N5992

Sampling Date(s) : 12/08/2022

List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8082A**

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
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 document(s)?	☒ Yes ☐ No
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? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
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 spikes 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 the requirements for "Data of Known Quality."



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Cover Page

Order ID : N5992

Project ID : Wildwood DPW Storage Yard Site - # 0514T294

Client : Remington & Vernick Engineers

Lab Sample Number

N5992-01
N5992-02
N5992-03

Client Sample Number

AOC2-B4-V1
AOC2-B4-S5
AOC2-B4-W5

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/20/2022

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following "Results Qualifiers" are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. "10 U". This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as "12 B".
E	Indicates the analyte 's concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a "P".
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A**QA REVIEW GENERAL DOCUMENTATION**

Project #: N5992

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

☒

Check chain-of-custody for proper relinquish/return of samples

☒

Is the chain of custody signed and complete

☒

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

☒

Collect information for each project id from server. Were all requirements followed

☒**COVER PAGE:**

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

☒

Do lab numbers and client Ids on cover page agree with the Chain of Custody

☒**CHAIN OF CUSTODY:**

Do requested analyses on Chain of Custody agree with form I results

☒

Do requested analyses on Chain of Custody agree with the log-in page

☒

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

☒

Were the samples received within hold time

☒

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

☒**ANALYTICAL:**

Was method requirement followed?

☒

Was client requirement followed?

☒

Does the case narrative summarize all QC failure?

☒

All runlogs and manual integration are reviewed for requirements

☒

All manual calculations and /or hand notations verified

☒

1st Level QA Review Signature: SOHIL JODHANI

Date: 12/20/2022

2nd Level QA Review Signature: _____

Date: _____



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID: N5992
Client: Remington & Vernick Engineers
Contact: Marco Carulli

OrderDate: 12/9/2022 1:35:58 PM
Project: Wildwood DPW Storage Yard Site - # 0514T294
Location: M13

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
N5992-01	AOC2-B4-V1	SOIL	PCB Group1	8082A	12/08/22	12/13/22	12/13/22	12/09/22
N5992-02	AOC2-B4-S5	SOIL	PCB Group1	8082A	12/08/22	12/13/22	12/13/22	12/09/22
N5992-03	AOC2-B4-W5	SOIL	PCB Group1	8082A	12/08/22	12/13/22	12/13/22	12/09/22



Hit Summary Sheet
SW-846

SDG No.:

N5992

Order ID:

N5992

Client:

Remington & Vernick Engineers

Project ID:

Wildwood DPW Storage Yard Site - # 1

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								
Total Concentration:				0.000				

QC
SUMMARY

Surrogate Summary

SDG No.: N5992

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
I.BLK-PO090933.D	PIBLK-PO090933.D	Tetrachloro-m-xylene	1	20	20.4	102		60	140
		Decachlorobiphenyl	1	20	21.5	108		60	140
		Tetrachloro-m-xylene	2	20	21.4	107		60	140
		Decachlorobiphenyl	2	20	22.1	111		60	140
I.BLK-PO091301.D	PIBLK-PO091301.D	Tetrachloro-m-xylene	1	20	20.4	102		60	140
		Decachlorobiphenyl	1	20	20.3	102		60	140
		Tetrachloro-m-xylene	2	20	21.8	109		60	140
		Decachlorobiphenyl	2	20	23.9	120		60	140
PB149582BL	PB149582BL	Tetrachloro-m-xylene	1	20	17.7	88		40	162
		Decachlorobiphenyl	1	20	18.1	91		32	176
		Tetrachloro-m-xylene	2	20	19.3	97		40	162
		Decachlorobiphenyl	2	20	21.2	106		32	176
PB149582BS	PB149582BS	Tetrachloro-m-xylene	1	20	19.3	96		40	162
		Decachlorobiphenyl	1	20	19.7	98		32	176
		Tetrachloro-m-xylene	2	20	19.9	99		40	162
		Decachlorobiphenyl	2	20	22.9	115		32	176
N5992-01	AOC2-B4-V1	Tetrachloro-m-xylene	1	20	20.3	101		40	162
		Decachlorobiphenyl	1	20	19.7	98		32	176
		Tetrachloro-m-xylene	2	20	22.3	112		40	162
		Decachlorobiphenyl	2	20	23.4	117		32	176
N5992-02	AOC2-B4-S5	Tetrachloro-m-xylene	1	20	21.0	105		40	162
		Decachlorobiphenyl	1	20	20.7	103		32	176
		Tetrachloro-m-xylene	2	20	23.3	116		40	162
		Decachlorobiphenyl	2	20	24.1	121		32	176
N5992-03	AOC2-B4-W5	Tetrachloro-m-xylene	1	20	21.1	106		40	162
		Decachlorobiphenyl	1	20	20.9	105		32	176
		Tetrachloro-m-xylene	2	20	23.3	117		40	162
		Decachlorobiphenyl	2	20	24.1	120		32	176
I.BLK-PO091316.D	PIBLK-PO091316.D	Tetrachloro-m-xylene	1	20	20.3	102		60	140
		Decachlorobiphenyl	1	20	19.7	99		60	140
		Tetrachloro-m-xylene	2	20	23.5	118		60	140
		Decachlorobiphenyl	2	20	23.5	117		60	140
N6024-01MS	TP-QMS	Tetrachloro-m-xylene	1	20	20.3	102		40	162
		Decachlorobiphenyl	1	20	15.5	78		32	176
		Tetrachloro-m-xylene	2	20	21.4	107		40	162
		Decachlorobiphenyl	2	20	18.1	90		32	176
N6024-01MSD	TP-QMSD	Tetrachloro-m-xylene	1	20	20.3	102		40	162
		Decachlorobiphenyl	1	20	15.7	78		32	176
		Tetrachloro-m-xylene	2	20	21.4	107		40	162
		Decachlorobiphenyl	2	20	18.2	91		32	176
I.BLK-PO091327.D	PIBLK-PO091327.D	Tetrachloro-m-xylene	1	20	21.3	107		60	140
		Decachlorobiphenyl	1	20	20.9	105		60	140
		Tetrachloro-m-xylene	2	20	24.1	120		60	140



Surrogate Summary

SDG No.: N5992
Client: Remington & Vernick Engineers
Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits	
								Low	High
IBLK-PO091327.D	PIBLK-PO091327.D	Decachlorobiphenyl	2	20	24.9	124		60	140



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: N5992

Client: Remington & Vernick Engineers

Analytical Method: 8082A

DataFile : PO091317.D

Lab Sample ID:		Parameter	Spike	Sample Result	Result	Units	Rec	Qual	RPD	Qual	Low	Limits High	RPD
Client Sample ID:		TP-QMS											
N6024-01MS		AR1016	188.2	0	181	ug/kg	96				70	142	
		AR1260	188.2	0	162	ug/kg	86				50	147	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: N5992

Client: Remington & Vernick Engineers

Analytical Method: 8082A

DataFile : PO091318.D

Lab Sample ID:		Parameter	Spike	Sample Result	Result	Units	Rec	Qual	RPD	Qual	Low	Limits High	RPD
Client Sample ID:		TP-QMSD											
N6024-01MSD		AR1016	188.3	0	182	ug/kg	97		1		70	142	20
		AR1260	188.3	0	163	ug/kg	87		1		50	147	20



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: N5992

Client: Remington & Vernick Engineers

Analytical Method: 8082A

Datafile : PO091303.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB149582BS	AR1016	166.5	140	ug/kg	84				71	120	
	AR1260	166.5	138	ug/kg	83				65	130	



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB149582BL

Lab Name: CHEMTECH

Contract: REMI02

Lab Code: CHEM Case No.: N5992

SAS No.: N5992 SDG NO.: N5992

Lab Sample ID: PB149582BL

Lab File ID: PO091302.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 12/13/2022

Date Analyzed (1): 12/13/2022

Date Analyzed (2): 12/13/2022

Time Analyzed (1): 14:47

Time Analyzed (2): 14:47

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

GC Column (1): ZB-MR1 ID: 0.32 (mm)

GC Column (2): ZB-MR2 ID: 0.32 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED 1	DATE ANALYZED 2
PB149582BS	PB149582BS	PO091303.D	12/13/2022	12/13/2022
AOC2-B4-V1	N5992-01	PO091304.D	12/13/2022	12/13/2022
AOC2-B4-S5	N5992-02	PO091305.D	12/13/2022	12/13/2022
AOC2-B4-W5	N5992-03	PO091306.D	12/13/2022	12/13/2022
TP-QMS	N6024-01MS	PO091317.D	12/13/2022	12/13/2022
TP-QMSD	N6024-01MSD	PO091318.D	12/13/2022	12/13/2022

COMMENTS: _____

SAMPLE DATA



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	12/08/22
Project:	Wildwood DPW Storage Yard Site - # 0514T294	Date Received:	12/09/22
Client Sample ID:	AOC2-B4-V1	SDG No.:	N5992
Lab Sample ID:	N5992-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	99.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091304.D	1	12/13/22 09:15	12/13/22 15:21	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.10	U	3.10	17.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	17.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.0	ug/kg
53469-21-9	Aroclor-1242	2.40	U	2.40	17.0	ug/kg
12672-29-6	Aroclor-1248	3.00	U	3.00	17.0	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	17.0	ug/kg
37324-23-5	Aroclor-1262	3.30	U	3.30	17.0	ug/kg
11100-14-4	Aroclor-1268	5.70	U	5.70	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
Total PCBs	Total PCBs	5.70	U	5.70	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		40 - 162	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.4		32 - 176	117%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 15:21
Operator : YP/AJ
Sample : N5992-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-V1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:51:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.296	3.473	68522310	23440468	20.266	22.334
2)	SA Decachlor...	10.041	8.473	52212887	22675591	19.657	23.356

Target Compounds

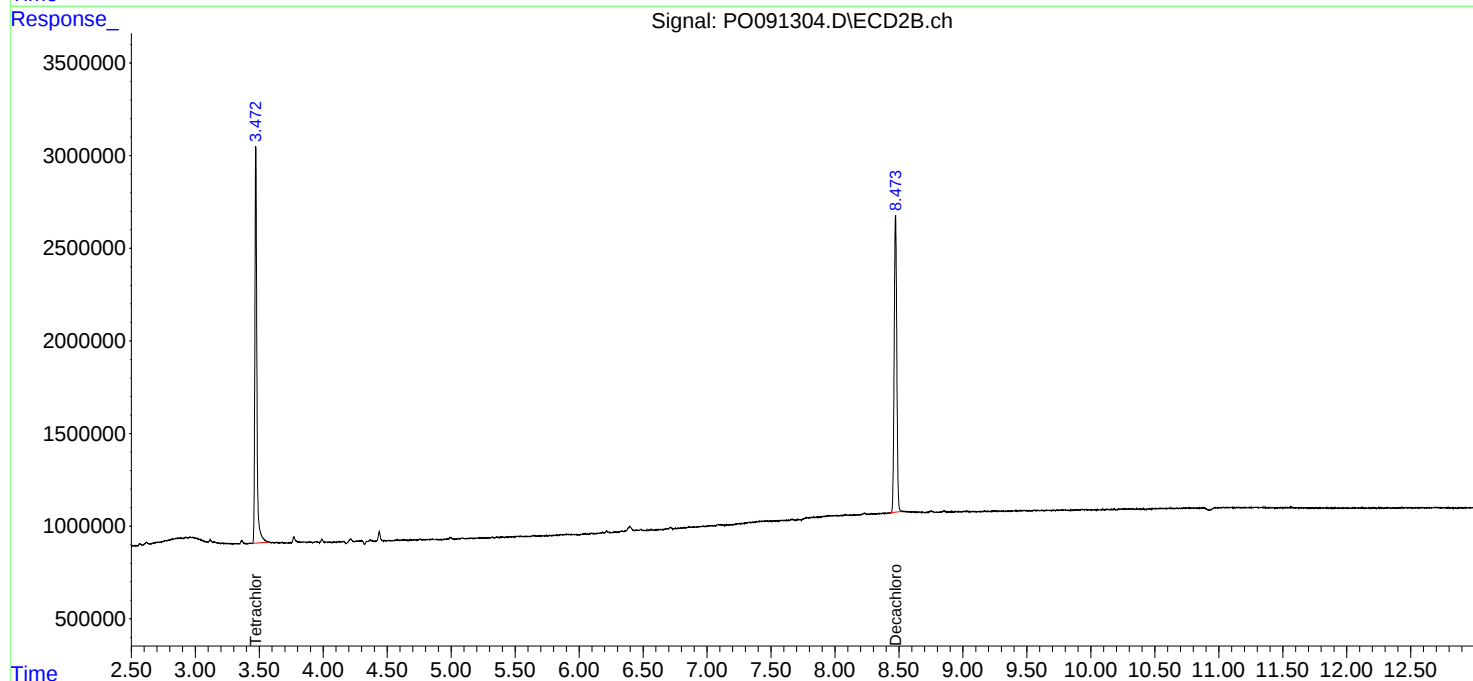
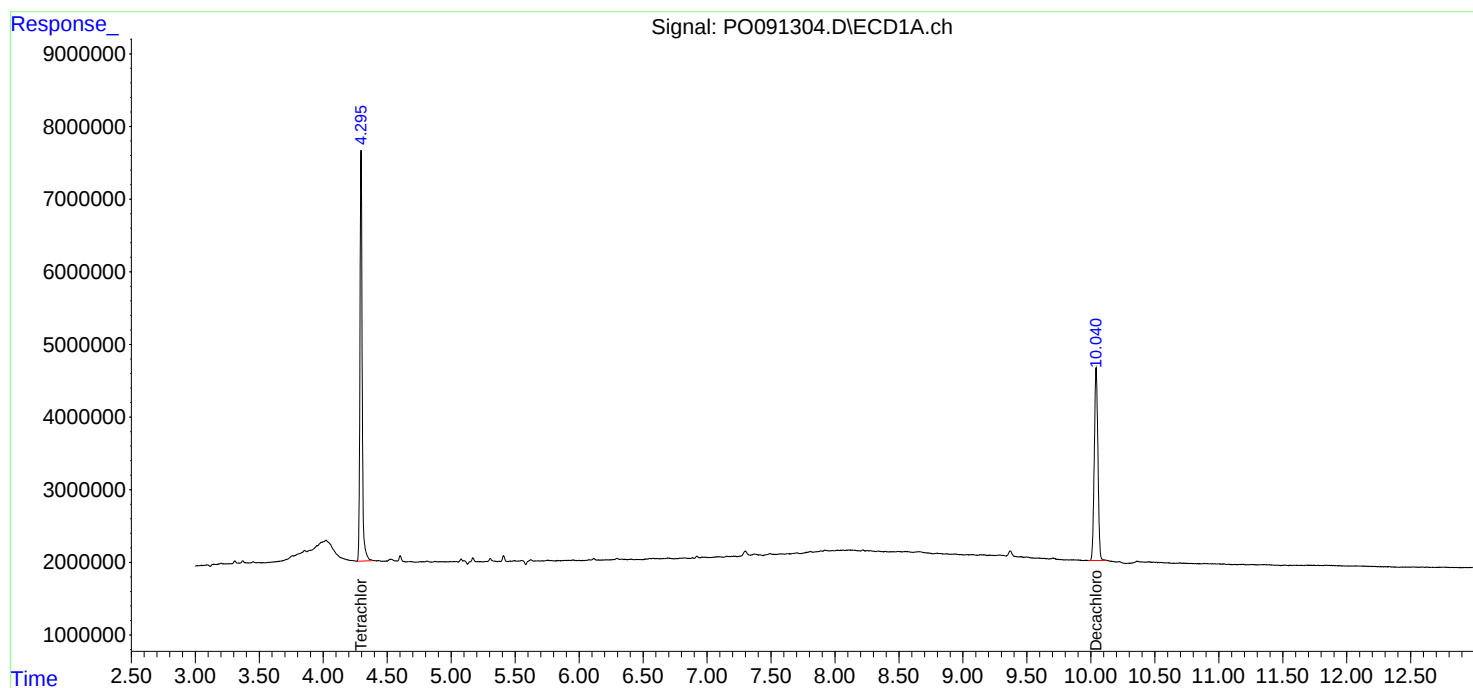
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

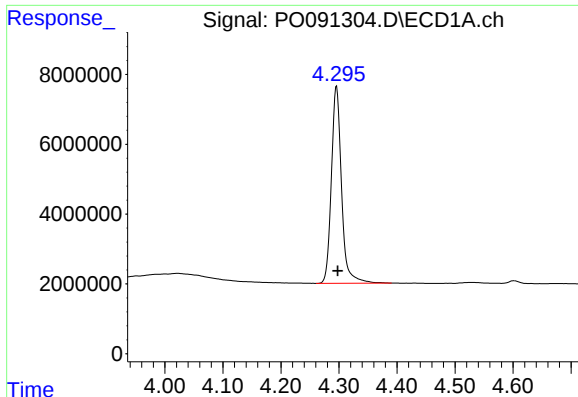
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 15:21
Operator : YP/AJ
Sample : N5992-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-V1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:51:09 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

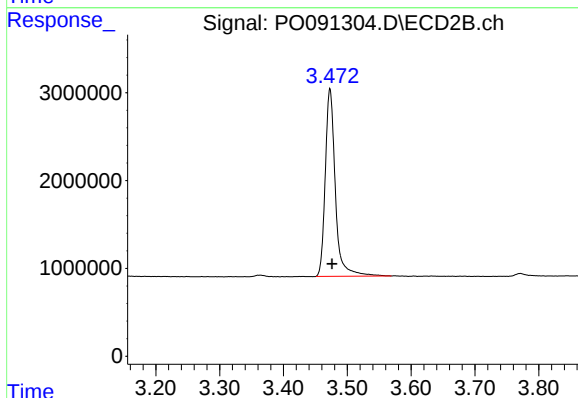




#1 Tetrachloro-m-xylene

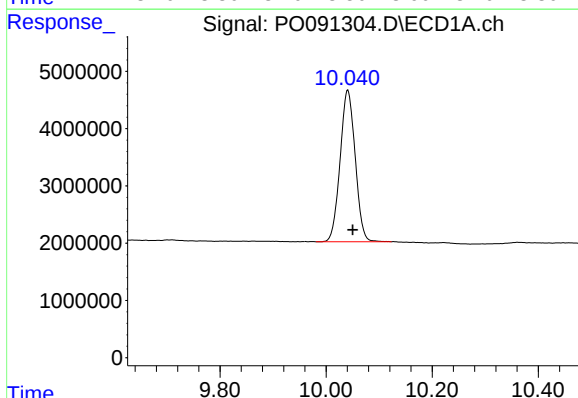
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 68522310
Conc: 20.27 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-V1



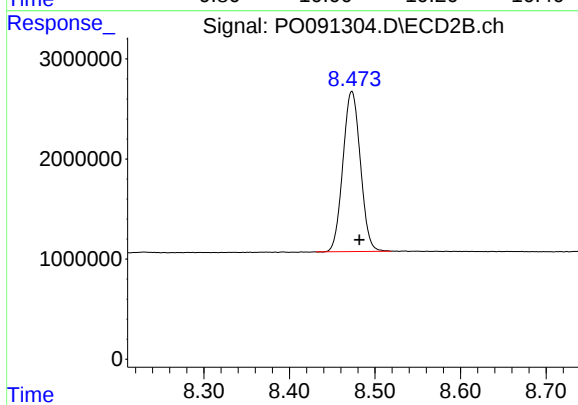
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 23440468
Conc: 22.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.041 min
Delta R.T.: -0.009 min
Response: 52212887
Conc: 19.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.473 min
Delta R.T.: -0.009 min
Response: 22675591
Conc: 23.36 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	12/08/22
Project:	Wildwood DPW Storage Yard Site - # 0514T294	Date Received:	12/09/22
Client Sample ID:	AOC2-B4-S5	SDG No.:	N5992
Lab Sample ID:	N5992-02	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	99.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091305.D	1	12/13/22 09:15	12/13/22 15:38	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.10	U	3.10	17.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	17.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.0	ug/kg
53469-21-9	Aroclor-1242	2.40	U	2.40	17.0	ug/kg
12672-29-6	Aroclor-1248	3.00	U	3.00	17.0	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	17.0	ug/kg
37324-23-5	Aroclor-1262	3.30	U	3.30	17.0	ug/kg
11100-14-4	Aroclor-1268	5.70	U	5.70	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
Total PCBs	Total PCBs	5.70	U	5.70	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		40 - 162	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.1		32 - 176	121%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091305.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 15:38
 Operator : YP/AJ
 Sample : N5992-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AOC2-B4-S5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 20:51:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.296	3.472	71068693	24420557	21.019	23.267
2) SA Decachlor...	10.038	8.475	54905295	23408940	20.671	24.111

Target Compounds

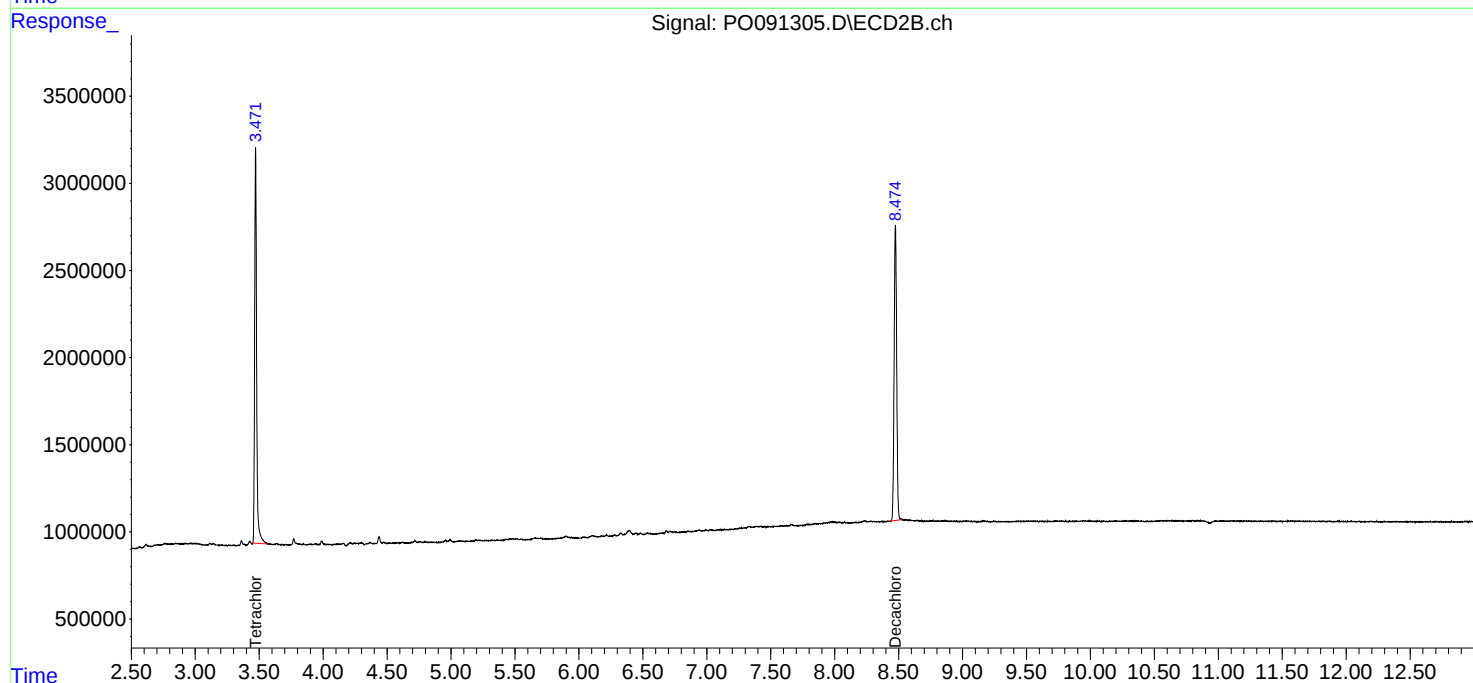
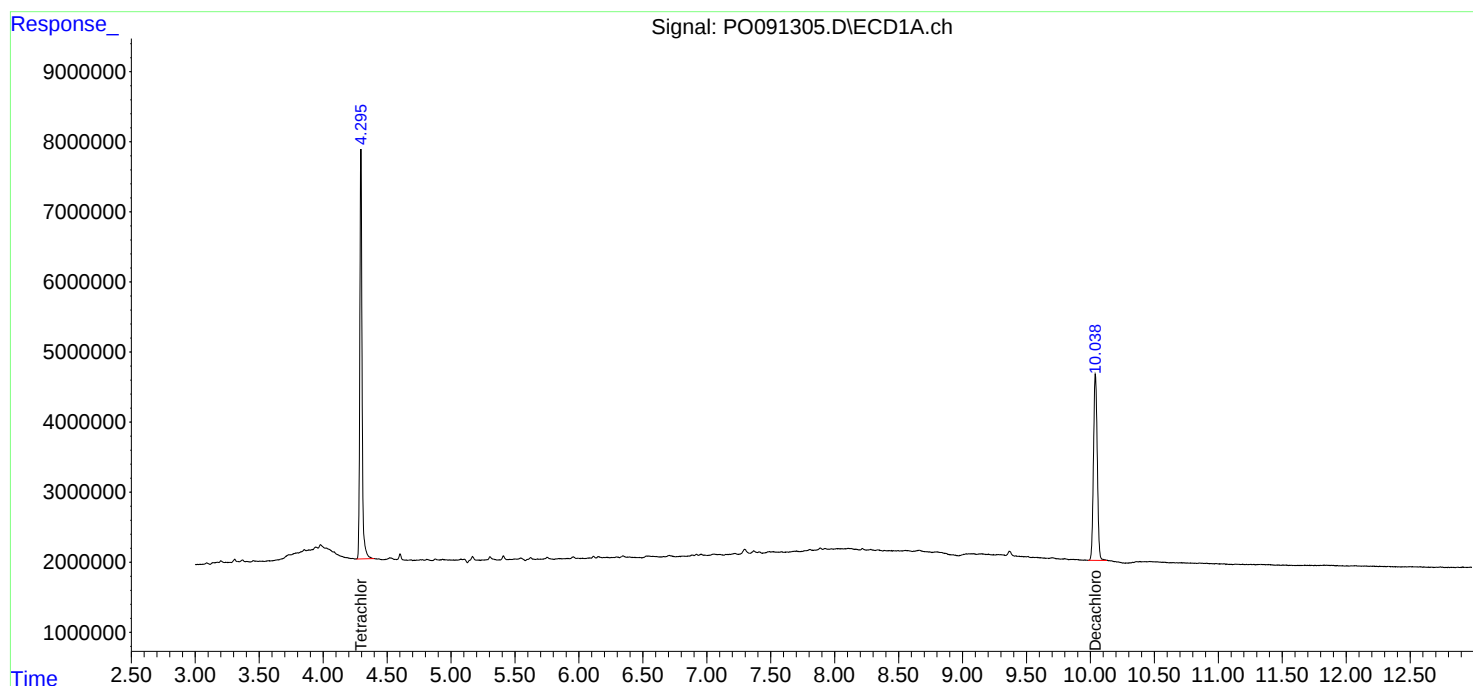
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

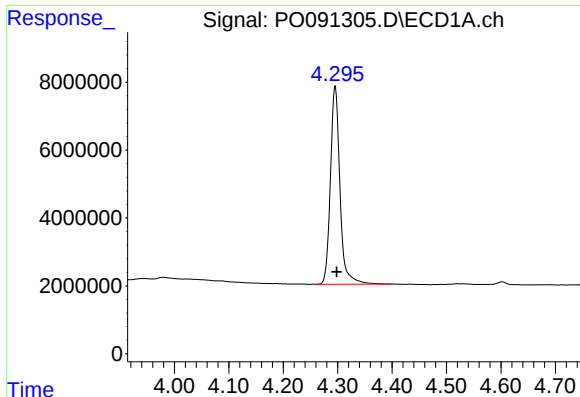
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 15:38
Operator : YP/AJ
Sample : N5992-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-S5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:51:37 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

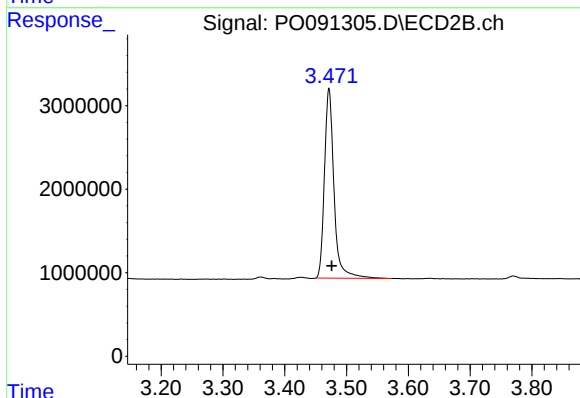




#1 Tetrachloro-m-xylene

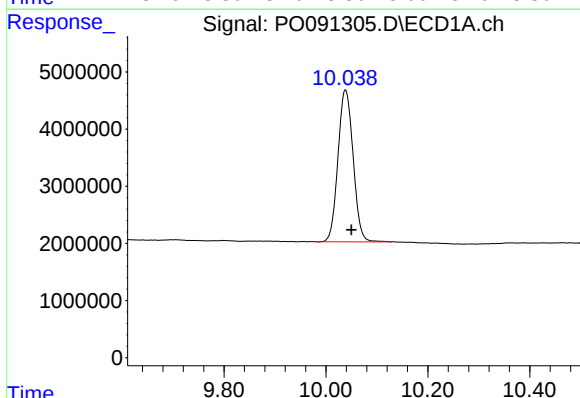
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 71068693
Conc: 21.02 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-S5



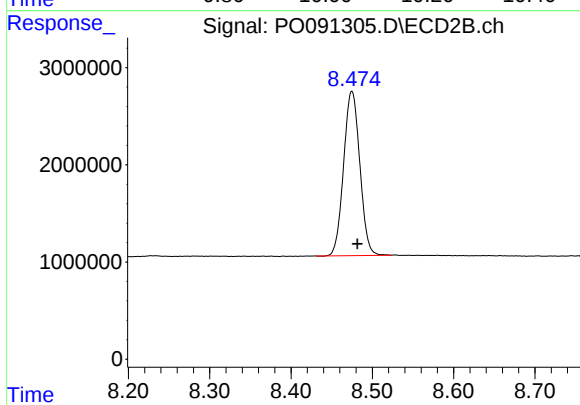
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: -0.005 min
Response: 24420557
Conc: 23.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.038 min
Delta R.T.: -0.011 min
Response: 54905295
Conc: 20.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.475 min
Delta R.T.: -0.007 min
Response: 23408940
Conc: 24.11 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	12/08/22
Project:	Wildwood DPW Storage Yard Site - # 0514T294	Date Received:	12/09/22
Client Sample ID:	AOC2-B4-W5	SDG No.:	N5992
Lab Sample ID:	N5992-03	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	99.9
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091306.D	1	12/13/22 09:15	12/13/22 15:55	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.10	U	3.10	17.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	17.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.0	ug/kg
53469-21-9	Aroclor-1242	2.40	U	2.40	17.0	ug/kg
12672-29-6	Aroclor-1248	3.00	U	3.00	17.0	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	17.0	ug/kg
37324-23-5	Aroclor-1262	3.30	U	3.30	17.0	ug/kg
11100-14-4	Aroclor-1268	5.70	U	5.70	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
Total PCBs	Total PCBs	5.70	U	5.70	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		40 - 162	117%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.1		32 - 176	120%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 15:55
Operator : YP/AJ
Sample : N5992-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-W5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:52:10 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.297	3.473	71440593	24467932	21.129	23.313
2) SA Decachlor...	10.042	8.476	55628093	23375975	20.943	24.077

Target Compounds

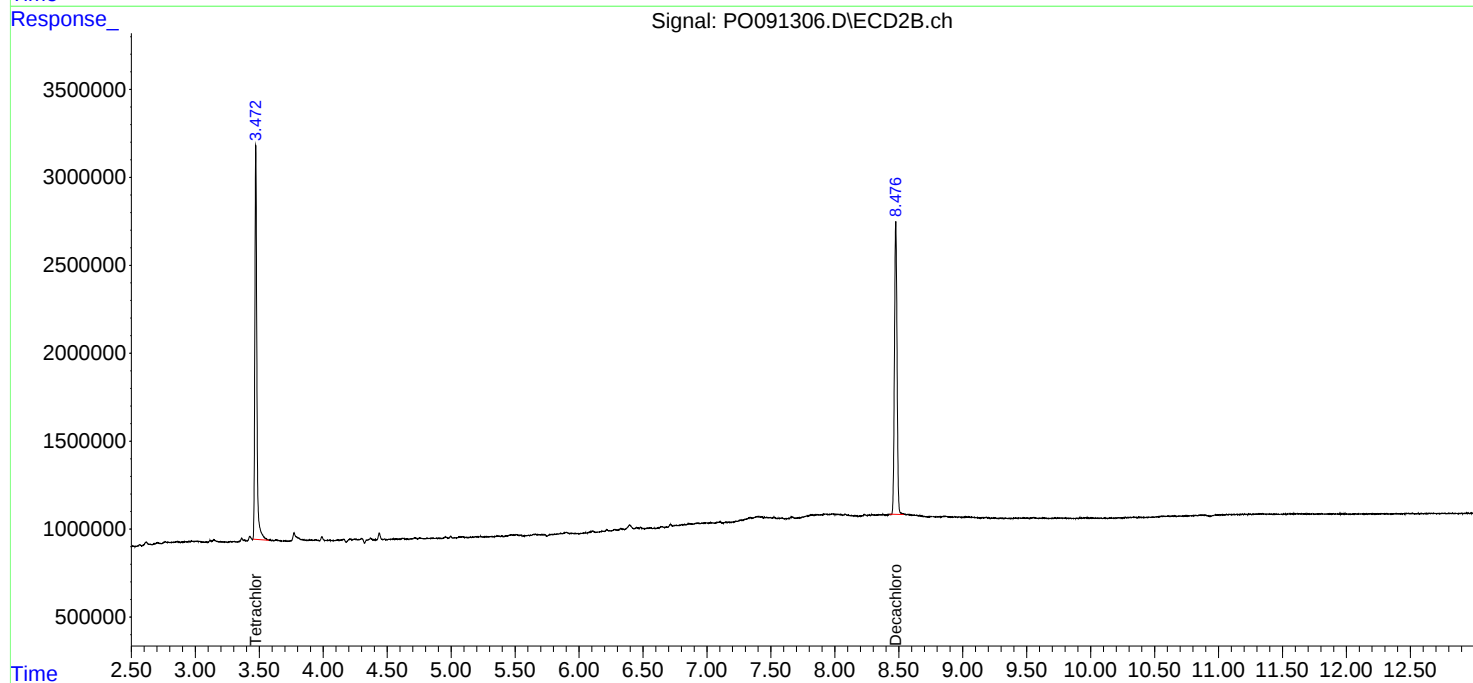
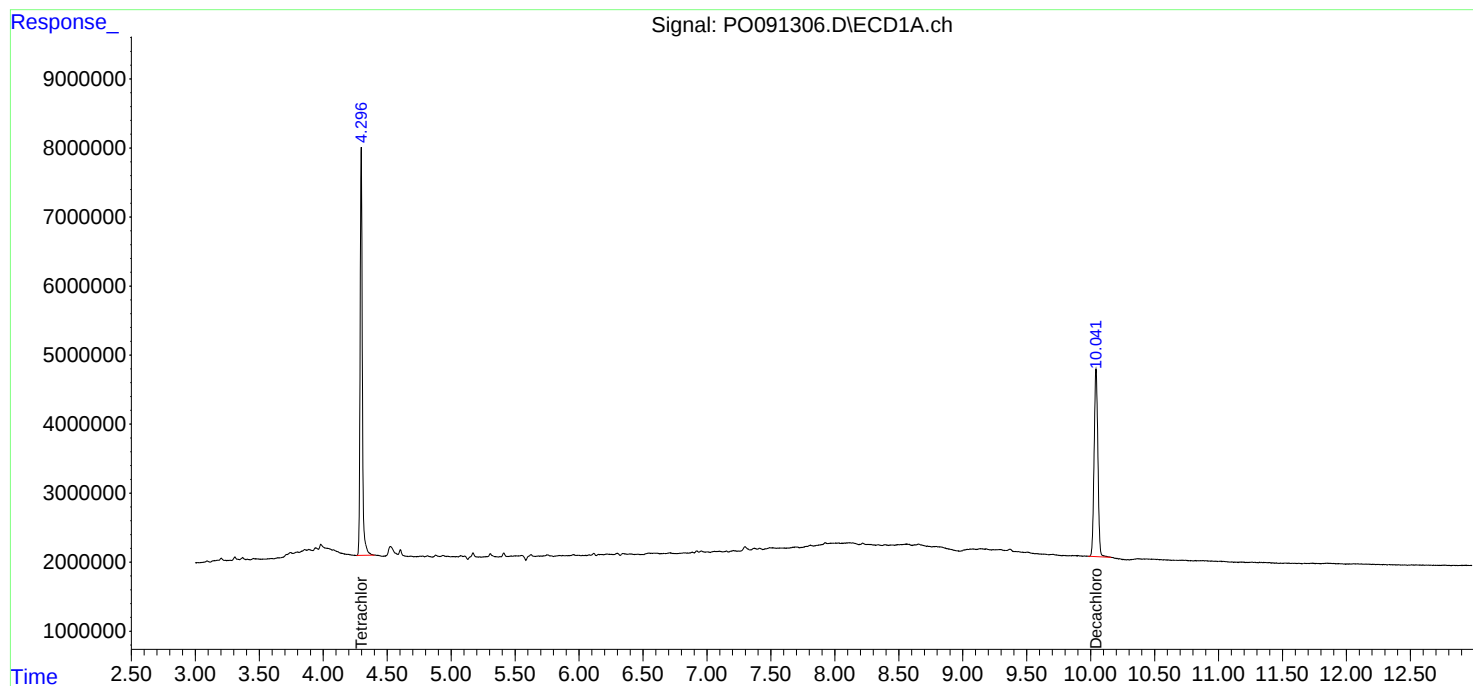
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

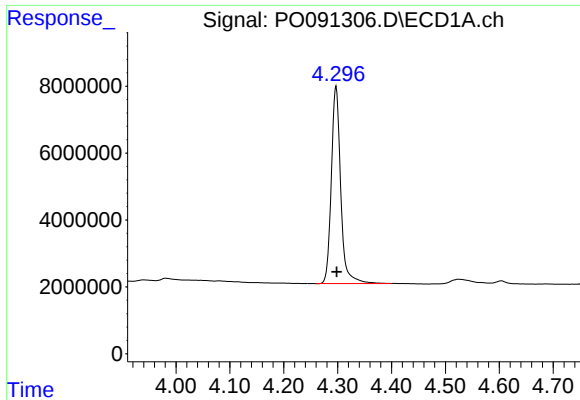
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 15:55
Operator : YP/AJ
Sample : N5992-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-W5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:52:10 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

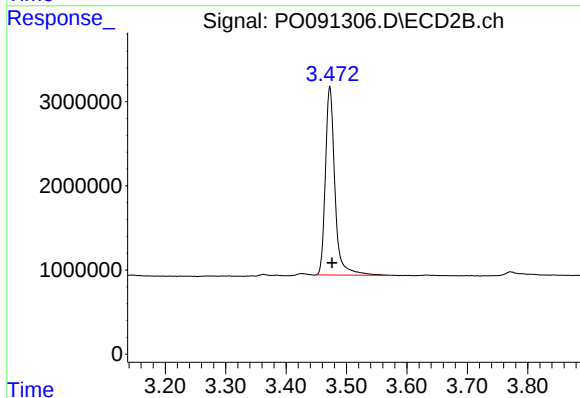




#1 Tetrachloro-m-xylene

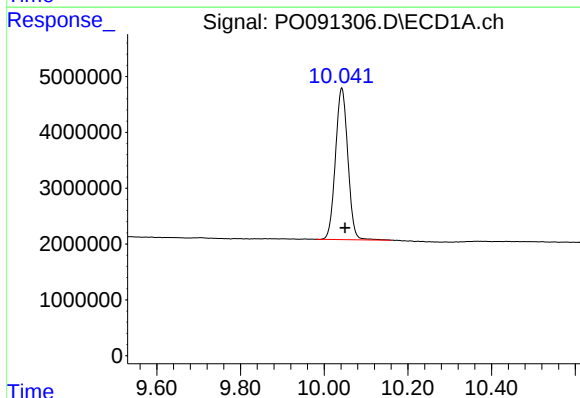
R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 71440593
Conc: 21.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
AOC2-B4-W5



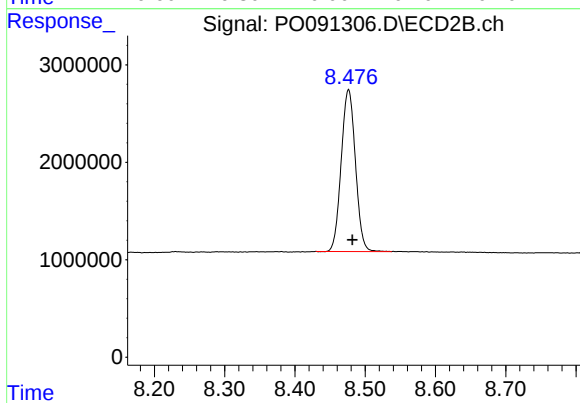
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.004 min
Response: 24467932
Conc: 23.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 55628093
Conc: 20.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.476 min
Delta R.T.: -0.005 min
Response: 23375975
Conc: 24.08 ng/ml

CALIBRATION SUMMARY

GC Column: ZB-MR1 ID: 0.32 (mm)

[illegible]

GC Column: ZB-MR2 ID: 0.32 (mm)

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Instrument ID: ECD_O

Calibration Date(s): 11/25/2022 11/26/2022

Calibration Times: 20:41 04:21

GC Column: ZB-MR1 ID: 0.32 (mm)

LAB FILE ID: CF 1000 = PO090934.D CF 750 = PO090935.D CF 500 = PO090936.D CF 250 = PO090937.D CF 050 = PO090938.D							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	106854042	111481239	115242532	118660092	110426580	112532897 4
Aroclor-1016-2	(2)	156084849	159605499	166747958	171269892	159184300	162578500 4
Aroclor-1016-3	(3)	95016165	99053503	104683820	117466180	105078860	104259706 8
Aroclor-1016-4	(4)	77143762	79387079	83196226	86315380	79119840	81032457 5
Aroclor-1016-5	(5)	77484548	81211693	85999388	102529260	91247940	87694566 11
Aroclor-1260-1	(1)	140897643	146695863	153703128	168976672	156761420	153406945 7
Aroclor-1260-2	(2)	162707985	168768947	176354108	183940604	180943580	174543045 5
Aroclor-1260-3	(3)	106665355	110511764	115587788	118719744	116884760	113673882 4
Aroclor-1260-4	(4)	127596674	132551059	138039620	143528344	135828240	135508787 4
Aroclor-1260-5	(5)	242666815	248620773	255719552	263403336	259598520	254001799 3
Decachlorobiphenyl		2549505130	2609073480	2714211800	2801618480	2606566200	2656195018 4
Tetrachloro-m-xylene		3377303670	3425982653	3502530020	3522997920	3076712200	3381105293 5
Aroclor-1242-1	(1)	84591037	87049721	91002128	96044636	87598980	89257300 5
Aroclor-1242-2	(2)	122519629	125426057	128567482	135420632	122909820	126968724 4
Aroclor-1242-3	(3)	75857635	81649764	86498072	86461076	86335340	83360377 6
Aroclor-1242-4	(4)	61338781	62949653	65234270	67593856	60512560	63525824 5
Aroclor-1242-5	(5)	63285468	68956228	72943308	70451932	66018660	68331119 6
Decachlorobiphenyl		2574954830	2691893187	2809591520	2895080760	2648135800	2723931219 5
Tetrachloro-m-xylene		3535472120	3581510093	3620957360	3620305360	3071362200	3485921427 7
Aroclor-1248-1	(1)	67399103	70785529	73027136	76724684	68229180	71233126 5
Aroclor-1248-2	(2)	92257256	96471665	107423956	112560956	121332020	106009171 11
Aroclor-1248-3	(3)	105651902	109793580	115906840	119977424	137077480	117681445 10
Aroclor-1248-4	(4)	113030907	117339501	122218722	126356308	132494160	122287920 6
Aroclor-1248-5	(5)	109630219	112907867	117186584	120634368	113123680	114696544 4
Decachlorobiphenyl		2647519410	2739659840	2860269620	2957960720	2658849000	2772851718 5
Tetrachloro-m-xylene		3575452090	3638182773	3652518020	3641447680	3037500000	3509020113 8
Aroclor-1268-1	(1)	354374176	372351213	375014764	389438428	350003620	368236440 4
Aroclor-1268-2	(2)	321120638	337298059	340450352	352134116	311611780	332522989 5
Aroclor-1268-3	(3)	275448911	290091168	292788254	301902120	264273380	284900767 5
Aroclor-1268-4	(4)	119186854	126140732	127989394	132295324	111602140	123442889 7
Aroclor-1268-5	(5)	899675600	935500956	932119722	949187112	833371560	909970990 5
Decachlorobiphenyl		4347320920	4589072973	4668168520	4894672880	4436876800	4587222419 5
Tetrachloro-m-xylene		3484936310	3634866627	3609257880	3639484400	3068128000	3487334643 7

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Instrument ID: ECD_O

Calibration Date(s): 11/25/2022 11/26/2022

Calibration Times: 20:41 04:21

GC Column: ZB-MR2 ID: 0.32 (mm)

LAB FILE ID: CF 1000 = PO090934.D CF 750 = PO090935.D CF 500 = PO090936.D CF 250 = PO090937.D CF 050 = PO090938.D							
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	34595131	35598599	37182726	39531024	37352480	5
Aroclor-1016-2	(2)	49075774	51016393	53169484	54730124	49654340	5
Aroclor-1016-3	(3)	26357285	27116936	28353826	27421568	26827600	3
Aroclor-1016-4	(4)	21775956	22781533	23914420	23455456	23650080	4
Aroclor-1016-5	(5)	27788411	29033116	30724364	31101428	28835920	5
Aroclor-1260-1	(1)	53463942	55564911	58596346	62192448	59693300	6
Aroclor-1260-2	(2)	63247481	65722315	69594558	73969296	68896440	6
Aroclor-1260-3	(3)	60038693	62006117	65487632	68530724	71902400	7
Aroclor-1260-4	(4)	44671864	46565905	48706388	50894448	47961320	5
Aroclor-1260-5	(5)	103936323	106576409	110457460	113444516	109146980	3
Decachlorobiphenyl		910413550	943185253	987655040	1044541440	968561600	5
Tetrachloro-m-xylene		1074212730	1028773053	1119241440	1060832680	964742400	5
Aroclor-1242-1	(1)	27307860	28335383	29443854	31889884	28206180	6
Aroclor-1242-2	(2)	38375668	39653469	41027430	43378120	39116040	5
Aroclor-1242-3	(3)	20860742	20831503	21199176	22863132	18808960	7
Aroclor-1242-4	(4)	21826984	22355471	23140740	25032196	21815540	6
Aroclor-1242-5	(5)	26916812	28070315	29370244	30864376	25853960	7
Decachlorobiphenyl		935178660	976245267	1016643260	1082212520	1000296000	5
Tetrachloro-m-xylene		1115140020	1135181787	1147846580	1170249880	994748800	6
Aroclor-1248-1	(1)	22129404	23215576	24289584	24908116	23086300	5
Aroclor-1248-2	(2)	30812273	32224393	33745478	35620988	31296460	6
Aroclor-1248-3	(3)	31789630	33270783	34799922	36599636	33239140	5
Aroclor-1248-4	(4)	37555889	39041604	41100042	42815108	38999000	5
Aroclor-1248-5	(5)	34743653	36079901	37803158	39091544	31506980	8
Decachlorobiphenyl		959267770	992684653	1042514620	1100481120	1011846400	5
Tetrachloro-m-xylene		1127850870	1147697720	1165392280	1159184800	975241600	7
Aroclor-1268-1	(1)	141632934	149226852	151915134	156511024	146536780	4
Aroclor-1268-2	(2)	129189549	136189855	136379064	141468200	128631100	4
Aroclor-1268-3	(3)	108711433	114670044	117020084	123595720	113101640	5
Aroclor-1268-4	(4)	46507335	49480308	51320984	53198908	46161680	6
Aroclor-1268-5	(5)	327573873	342559536	345905390	354165324	322703160	4
Decachlorobiphenyl		1571001620	1653804280	1696461660	1806704920	1674687200	5
Tetrachloro-m-xylene		1099750750	1148159960	1145658660	1148412520	927046000	9

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Instrument ID: ECD_O Date(s) Analyzed: 11/25/2022 11/26/2022

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.51	4.41	4.61	40852800
		2	4.60	4.50	4.70	30331600
		3	4.67	4.57	4.77	92000600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.67	4.57	4.77	71951200
		2	5.21	5.11	5.31	43323200
		3	5.50	5.40	5.60	74720800
		4	5.66	5.56	5.76	37476400
		5	5.75	5.65	5.85	29903600
Aroclor-1254	500	1	6.34	6.24	6.44	129254000
		2	6.56	6.46	6.66	197008000
		3	6.93	6.83	7.03	196492000
		4	7.21	7.11	7.31	144588000
		5	7.64	7.54	7.74	161211000
Aroclor-1262	500	1	7.71	7.61	7.81	182711000
		2	8.26	8.16	8.36	309336000
		3	8.57	8.47	8.67	215604000
		4	8.65	8.55	8.75	99540400
		5	9.30	9.20	9.40	115430000

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Instrument ID: ECD_O Date(s) Analyzed: 11/25/2022 11/26/2022

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.69	3.59	3.79	13180400
		2	3.77	3.67	3.87	9942780
		3	3.85	3.75	3.95	31057600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.85	3.75	3.95	23893000
		2	4.58	4.48	4.68	24151000
		3	4.76	4.66	4.86	12659600
		4	4.84	4.74	4.94	12087600
		5	5.01	4.91	5.11	13525200
Aroclor-1254	500	1	5.37	5.27	5.47	59417200
		2	5.52	5.42	5.62	54303400
		3	5.92	5.82	6.02	83822800
		4	6.15	6.05	6.25	50851200
		5	6.57	6.47	6.67	76795400
Aroclor-1262	500	1	6.61	6.51	6.71	75162600
		2	7.11	7.01	7.21	127300000
		3	7.40	7.30	7.50	52697600
		4	7.46	7.36	7.56	94976400
		5	7.96	7.86	8.06	45608000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090934.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 20:41
 Operator : YP/AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 04:59:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 04:58:51 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	337.7E6	107.4E6	98.180	97.947
2) SA Decachlor...	10.052	8.483	255.0E6	91041355	96.871	95.931
Target Compounds						
3) L1 AR-1016-1	5.476	4.563	106.9E6	34595131	962.230	963.950
4) L1 AR-1016-2	5.498	4.581	156.1E6	49075774	966.970	959.962
5) L1 AR-1016-3	5.561	4.757	95016165	26357285	951.589	963.508
6) L1 AR-1016-4	5.660	4.800	77143762	21775956	962.252	953.197
7) L1 AR-1016-5	5.957	5.013	77484548	27788411	947.916	949.824
31) L7 AR-1260-1	7.092	6.052	140.9E6	53463942	956.533	954.200
32) L7 AR-1260-2	7.351	6.242	162.7E6	63247481	959.753	952.221
33) L7 AR-1260-3	7.713	6.395	106.7E6	60038693	959.855	956.591
34) L7 AR-1260-4	7.939	6.870	127.6E6	44671864	960.687	956.794
35) L7 AR-1260-5	8.256	7.114	242.7E6	103.9E6	973.810	969.583

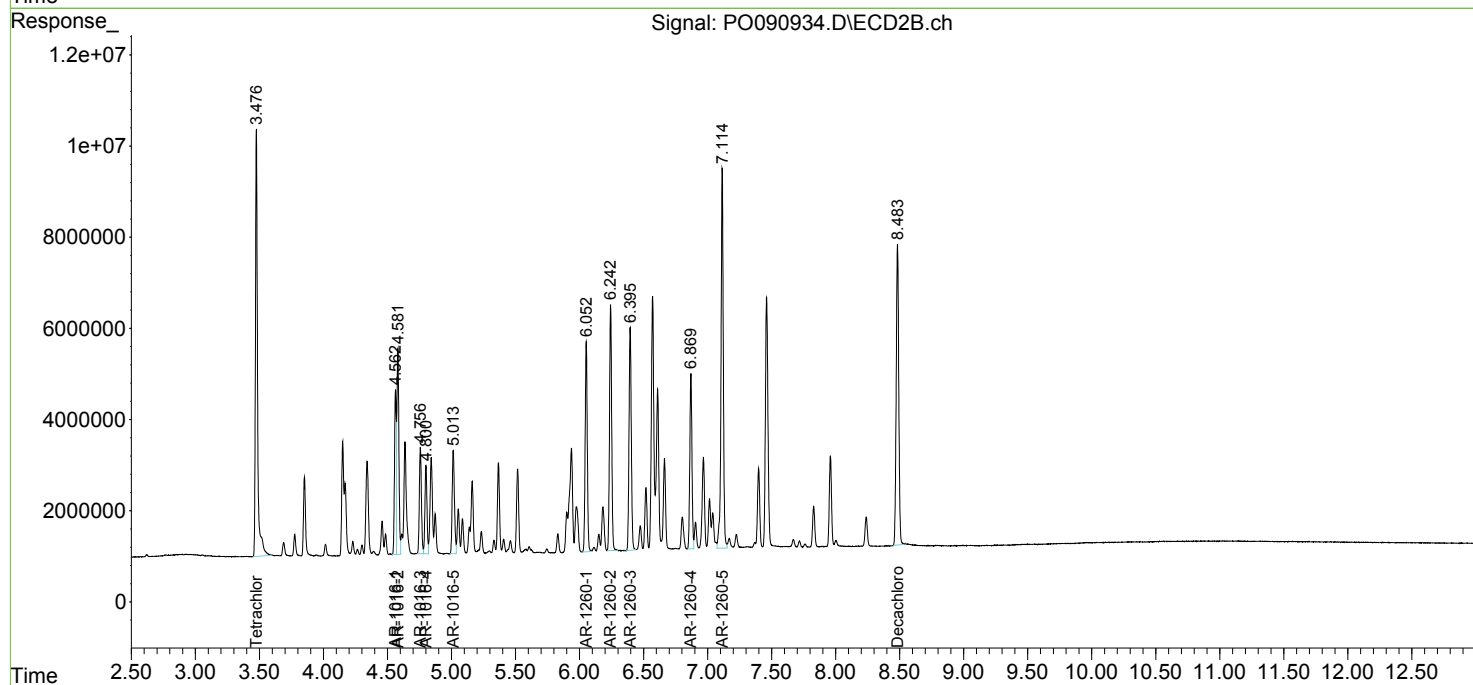
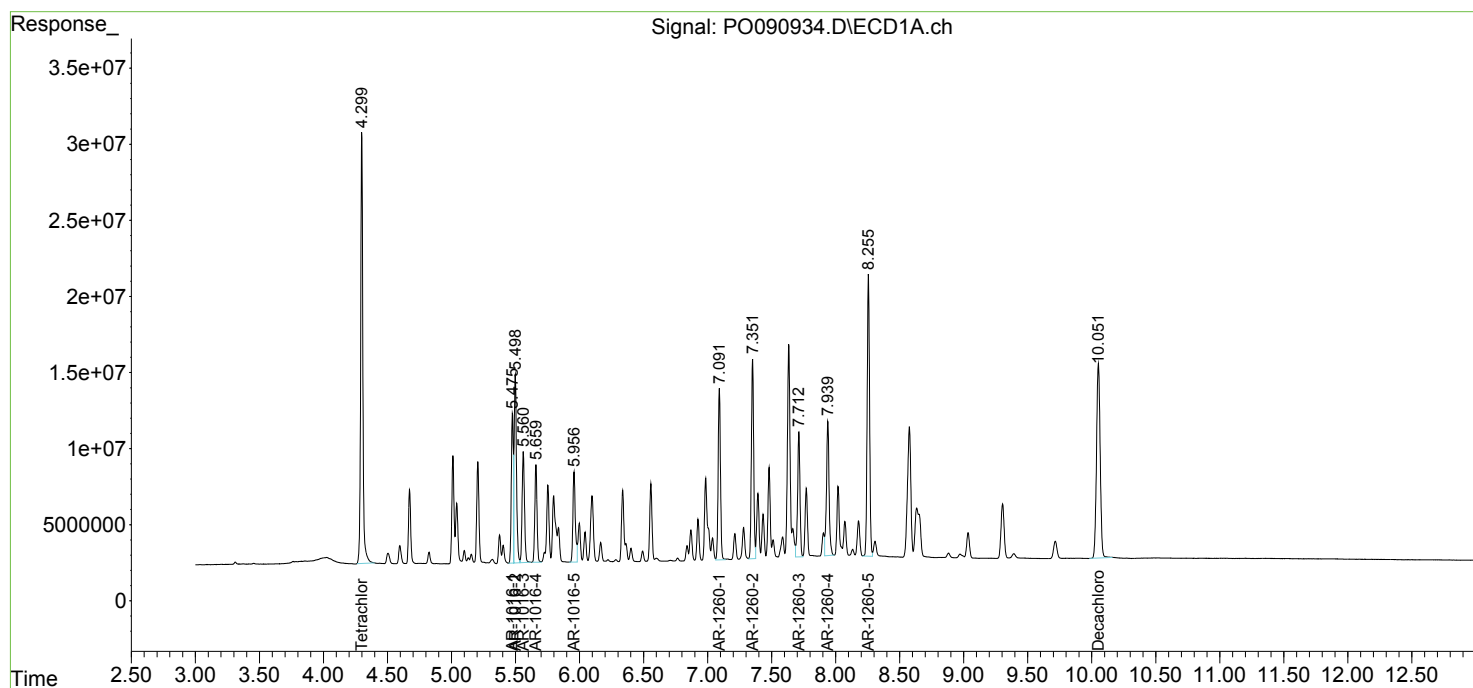
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090934.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 20:41
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:59:00 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 04:58:51 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112522\
 Data File : P0090935.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 20:58
 Operator : YP/AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:01:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:00:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	256.9E6	77157979	74.797	71.837
2) SA Decachlor...	10.051	8.482	195.7E6	70738894	74.566	74.691
Target Compounds						
3) L1 AR-1016-1	5.475	4.563	83610929	26698949	751.947	745.944
4) L1 AR-1016-2	5.498	4.581	119.7E6	38262295	744.370	748.960
5) L1 AR-1016-3	5.560	4.756	74290127	20337702	746.001	745.626
6) L1 AR-1016-4	5.659	4.800	59540309	17086150	745.101	748.606
7) L1 AR-1016-5	5.956	5.013	60908770	21774837	746.749	746.174
31) L7 AR-1260-1	7.092	6.052	110.0E6	41673683	747.945	745.837
32) L7 AR-1260-2	7.351	6.242	126.6E6	49291736	747.749	744.722
33) L7 AR-1260-3	7.713	6.395	82883823	46504588	747.229	743.945
34) L7 AR-1260-4	7.938	6.869	99413294	34924429	748.994	748.679
35) L7 AR-1260-5	8.255	7.113	186.5E6	79932307	748.851	747.100

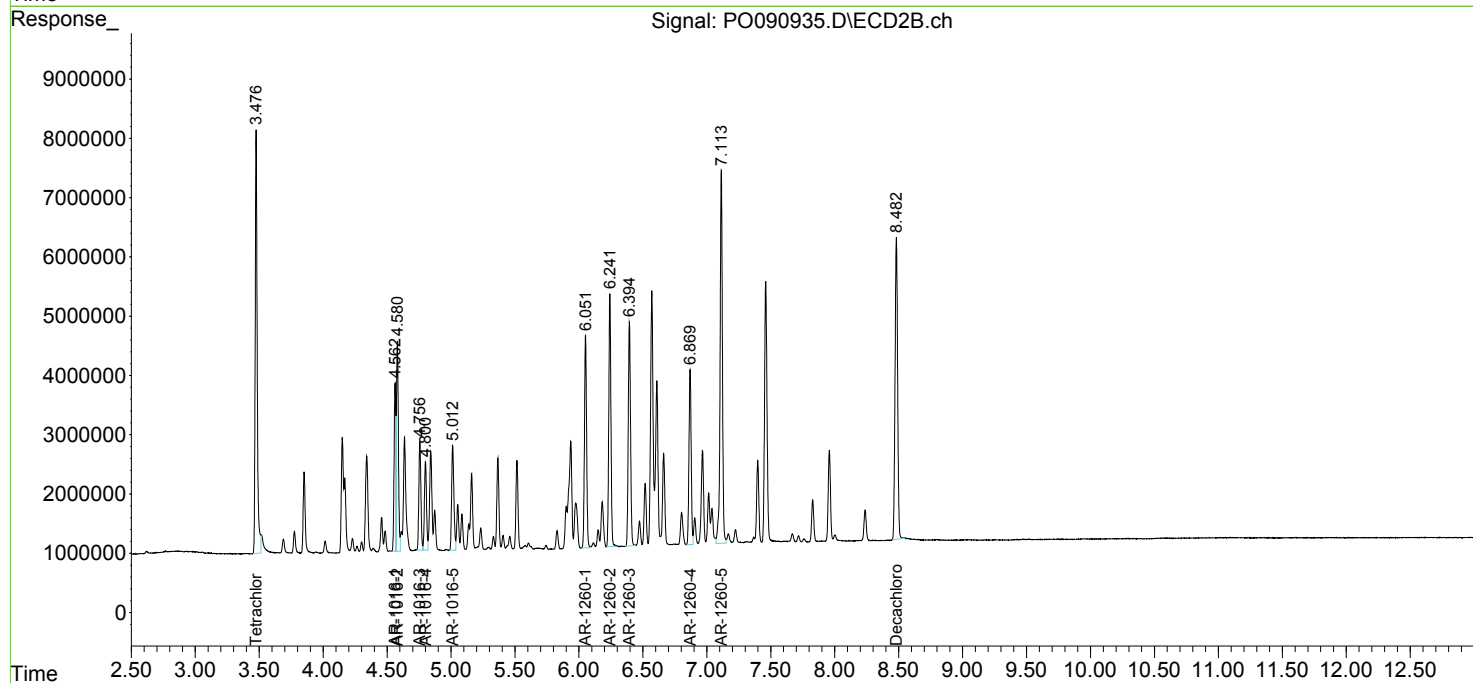
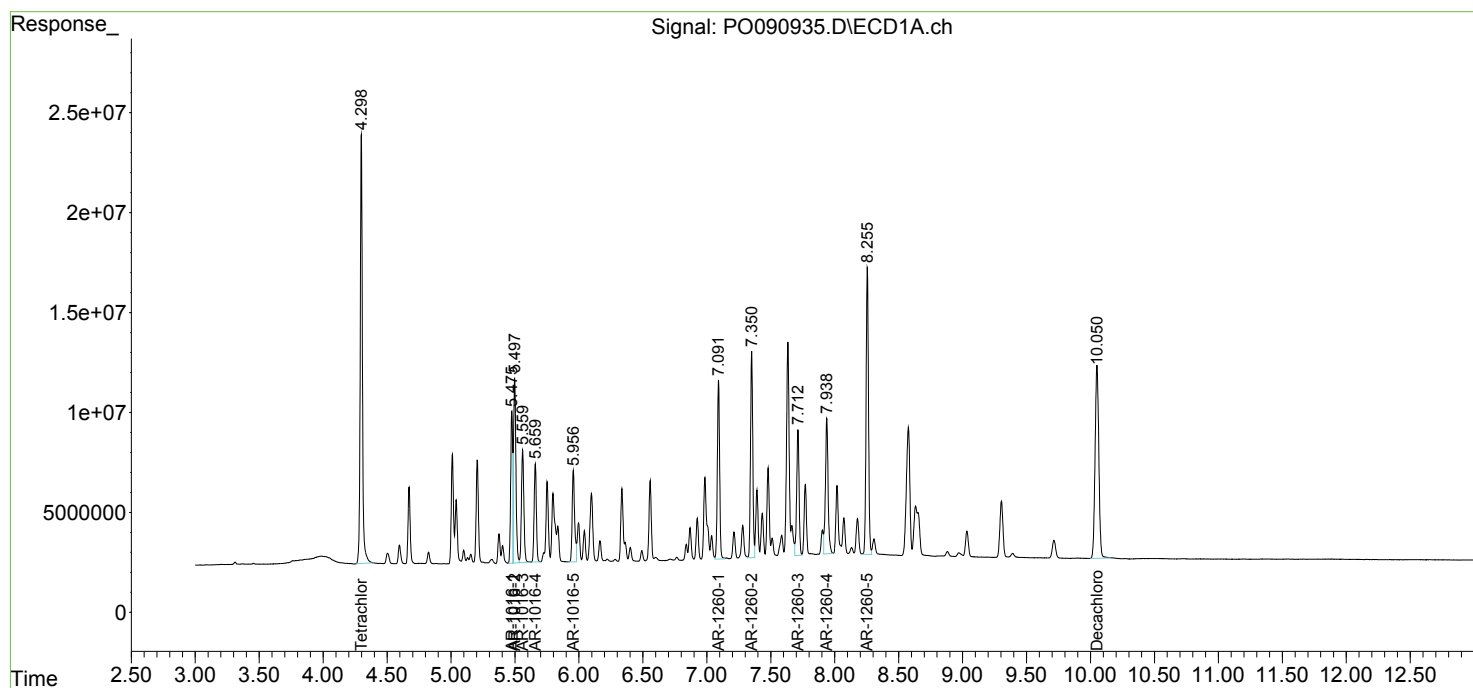
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090935.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 20:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:01:04 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:00:54 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090936.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 21:15
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 04:55:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 04:46:14 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.476	175.1E6	55962072	50.000	50.000
2) SA Decachlor...	10.050	8.482	135.7E6	49382752	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.475	4.563	57621266	18591363	500.000	500.000
4) L1 AR-1016-2	5.497	4.581	83373979	26584742	500.000	500.000
5) L1 AR-1016-3	5.559	4.757	52341910	14176913	500.000	500.000
6) L1 AR-1016-4	5.658	4.800	41598113	11957210	500.000	500.000
7) L1 AR-1016-5	5.956	5.013	42999694	15362182	500.000	500.000
31) L7 AR-1260-1	7.092	6.052	76851564	29298173	500.000	500.000
32) L7 AR-1260-2	7.351	6.242	88177054	34797279	500.000	500.000
33) L7 AR-1260-3	7.713	6.394	57793894	32743816	500.000	500.000
34) L7 AR-1260-4	7.939	6.869	69019810	24353194	500.000	500.000
35) L7 AR-1260-5	8.256	7.114	127.9E6	55228730	500.000	500.000

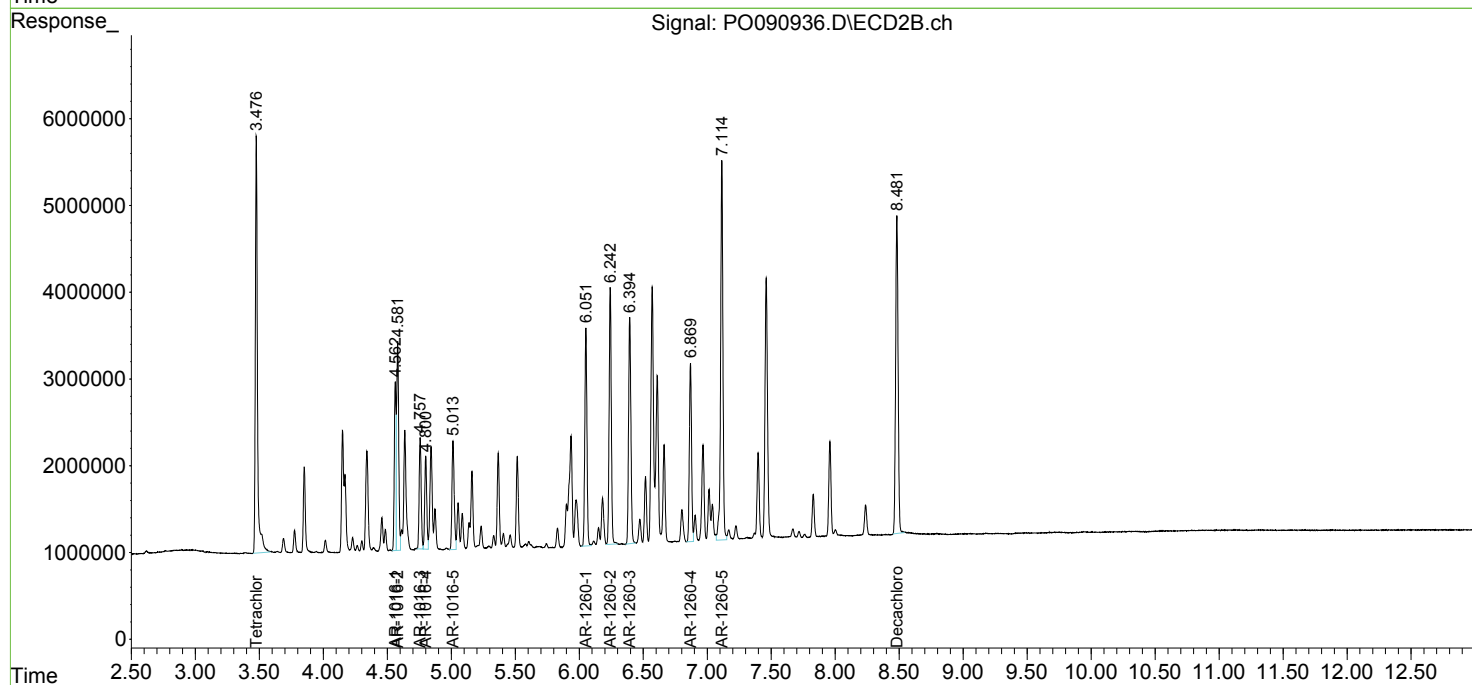
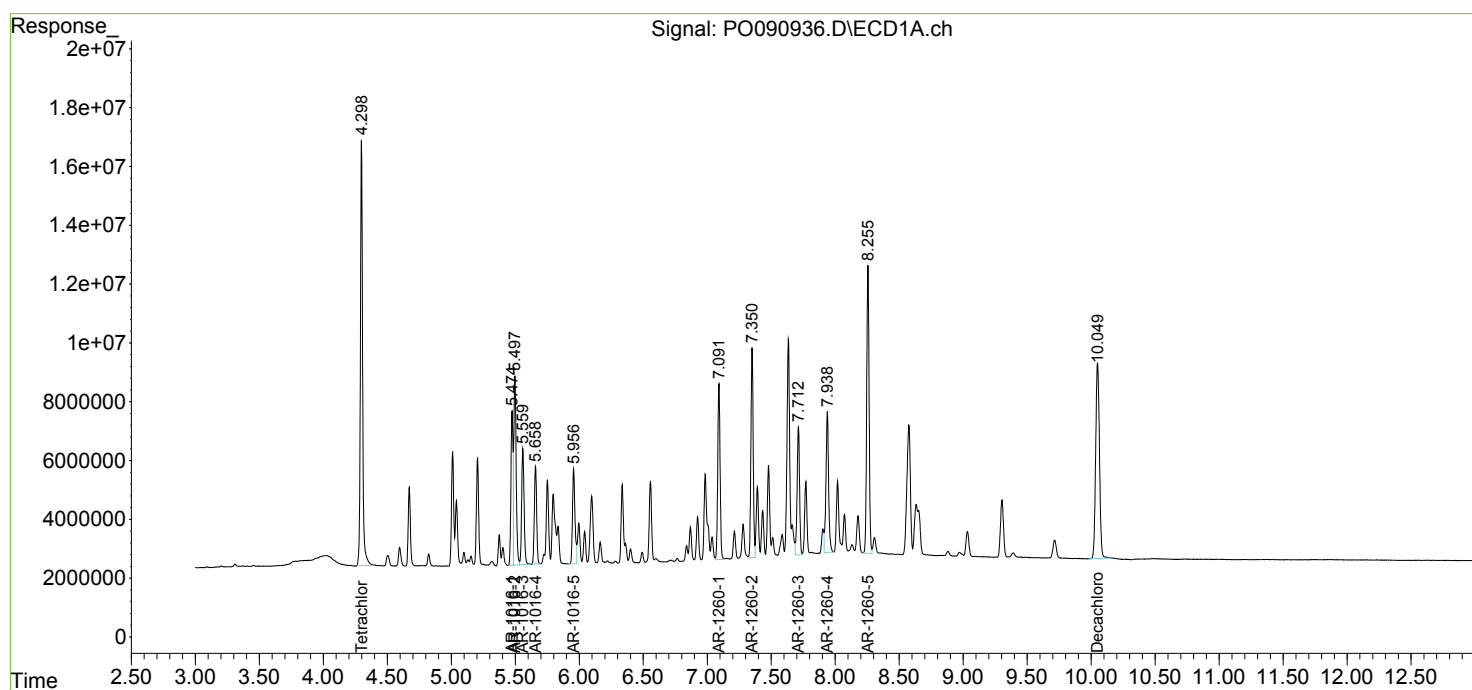
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090936.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 21:15
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 04:55:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 04:46:14 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112522\
 Data File : P0090937.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 21:33
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:06:28 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:06:18 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	88074948	26520817	25.476	24.768
2) SA Decachlor...	10.051	8.481	70040462	26113536	26.246	26.881
Target Compounds						
3) L1 AR-1016-1	5.476	4.562	29665023	9882756	262.384	269.088
4) L1 AR-1016-2	5.499	4.581	42817473	13682531	261.997	263.136
5) L1 AR-1016-3	5.561	4.756	29366545	6855392	282.222	250.999
6) L1 AR-1016-4	5.659	4.800	21578845	5863864	264.737	255.152
7) L1 AR-1016-5	5.958	5.013	25632315	7775357	295.282	262.133
31) L7 AR-1260-1	7.091	6.051	42244168	15548112	276.887	270.617
32) L7 AR-1260-2	7.351	6.242	45985151	18492324	265.898	271.413
33) L7 AR-1260-3	7.713	6.394	29679936	17132681	262.954	267.632
34) L7 AR-1260-4	7.939	6.868	35882086	12723612	264.951	266.688
35) L7 AR-1260-5	8.256	7.113	65850834	28361129	260.689	261.143

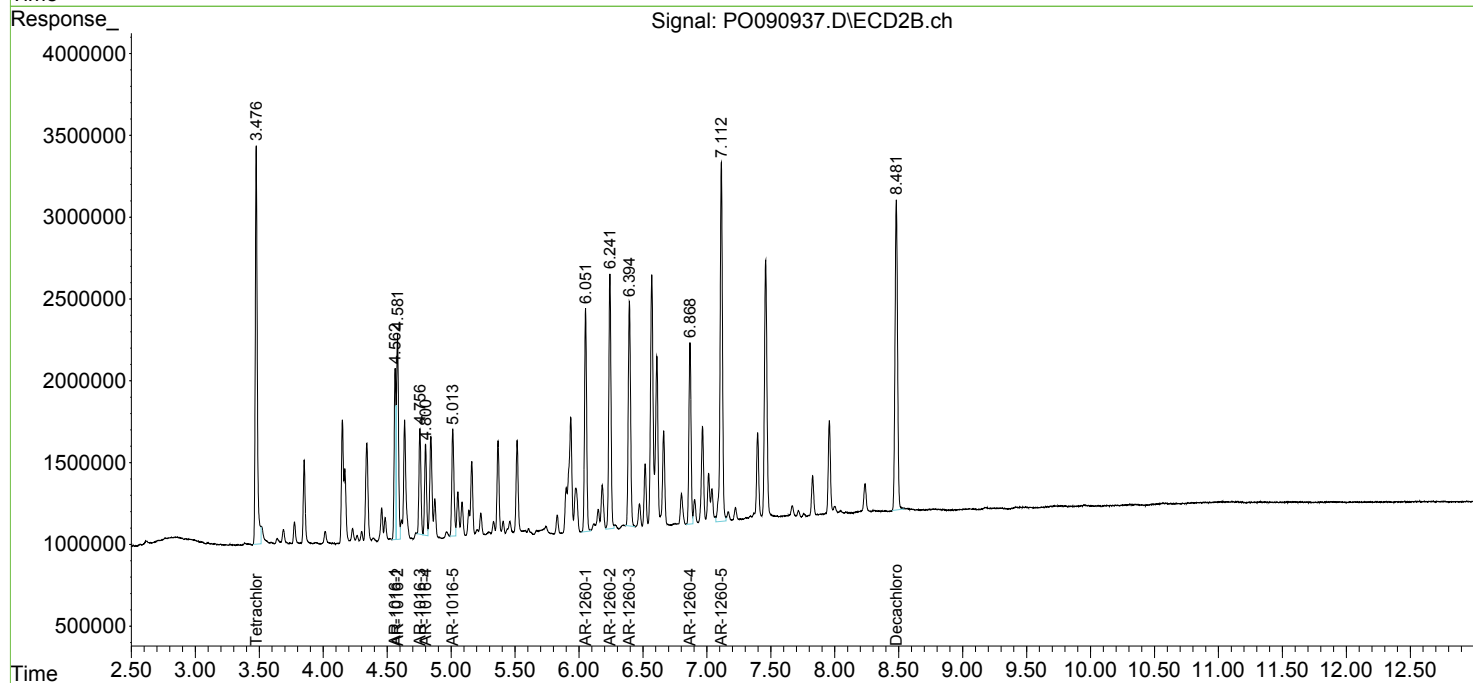
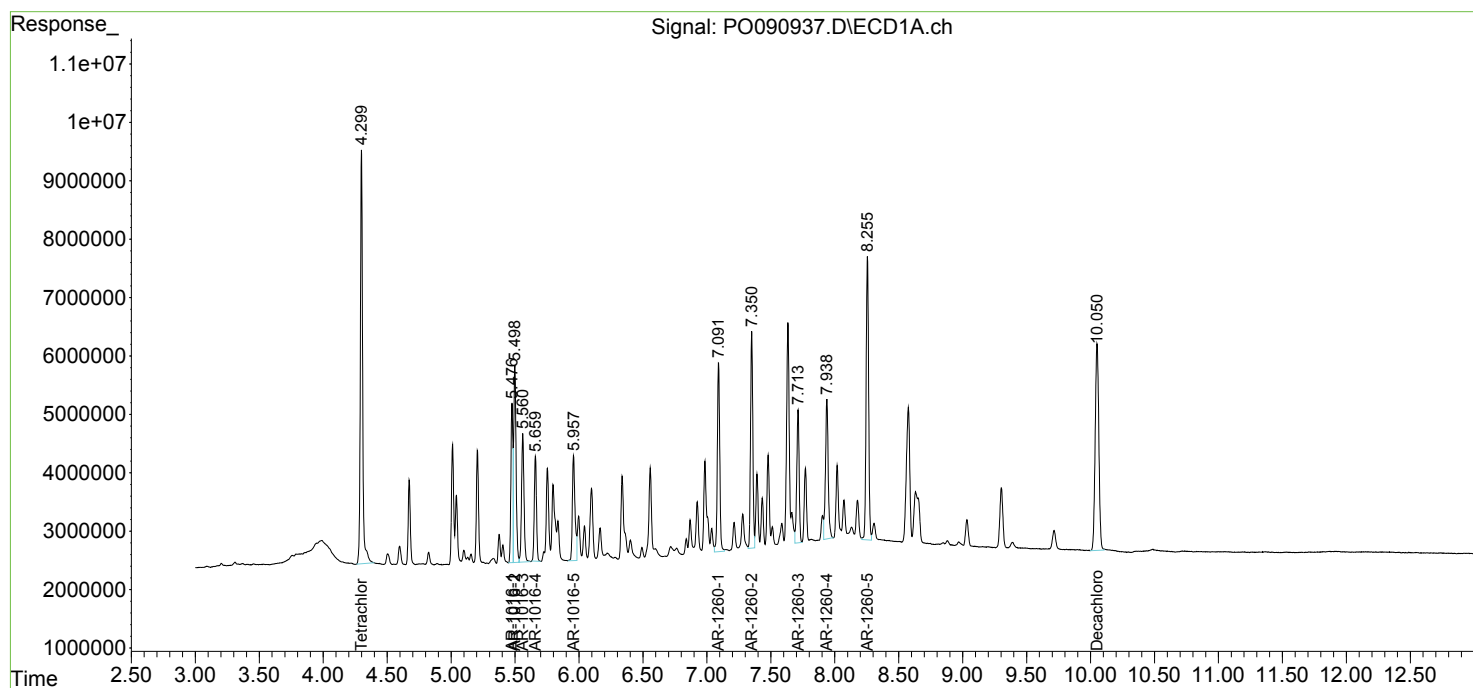
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090937.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 21:33
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:06:28 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:06:18 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112522\
 Data File : P0090938.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 21:50
 Operator : YP/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:08:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:08:47 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	15383561	4823712	4.550	4.596
2) SA Decachlor...	10.053	8.482	13032831	4842808	4.907	4.988
Target Compounds						
3) L1 AR-1016-1	5.476	4.562	5521329	1867624	49.064	50.679
4) L1 AR-1016-2	5.498	4.580	7959215	2482717	48.956	48.181
5) L1 AR-1016-3	5.560	4.756	5253943	1341380	50.393	49.287
6) L1 AR-1016-4	5.659	4.800	3955992	1182504	48.820	51.156
7) L1 AR-1016-5	5.957	5.013	4562397	1441796	52.026	48.880
31) L7 AR-1260-1	7.092	6.052	7838071	2984665	51.093	51.547
32) L7 AR-1260-2	7.351	6.241	9047179	3444822	51.834	50.447
33) L7 AR-1260-3	7.713	6.394	5844238	3595120	51.412	54.809
34) L7 AR-1260-4	7.939	6.869	6791412	2398066	50.118	50.211
35) L7 AR-1260-5	8.256	7.113	12979926	5457349	51.102	50.200

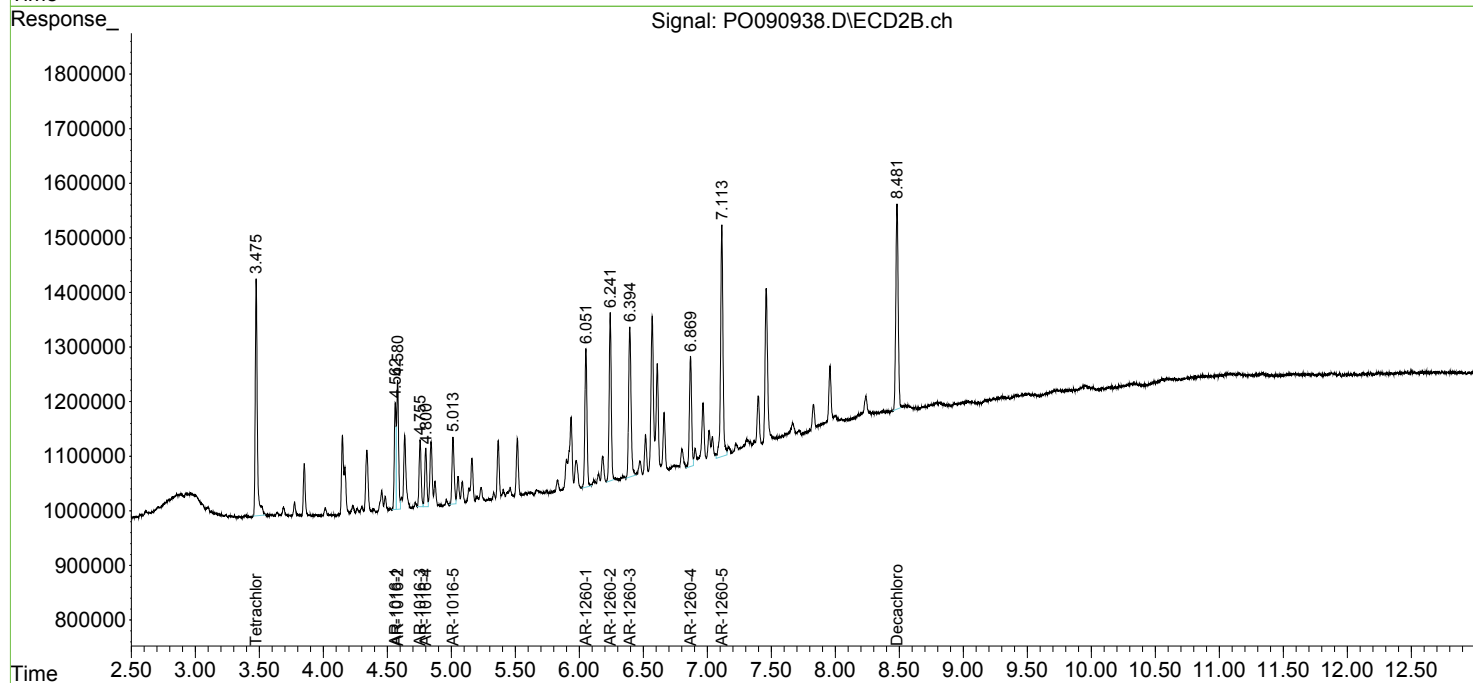
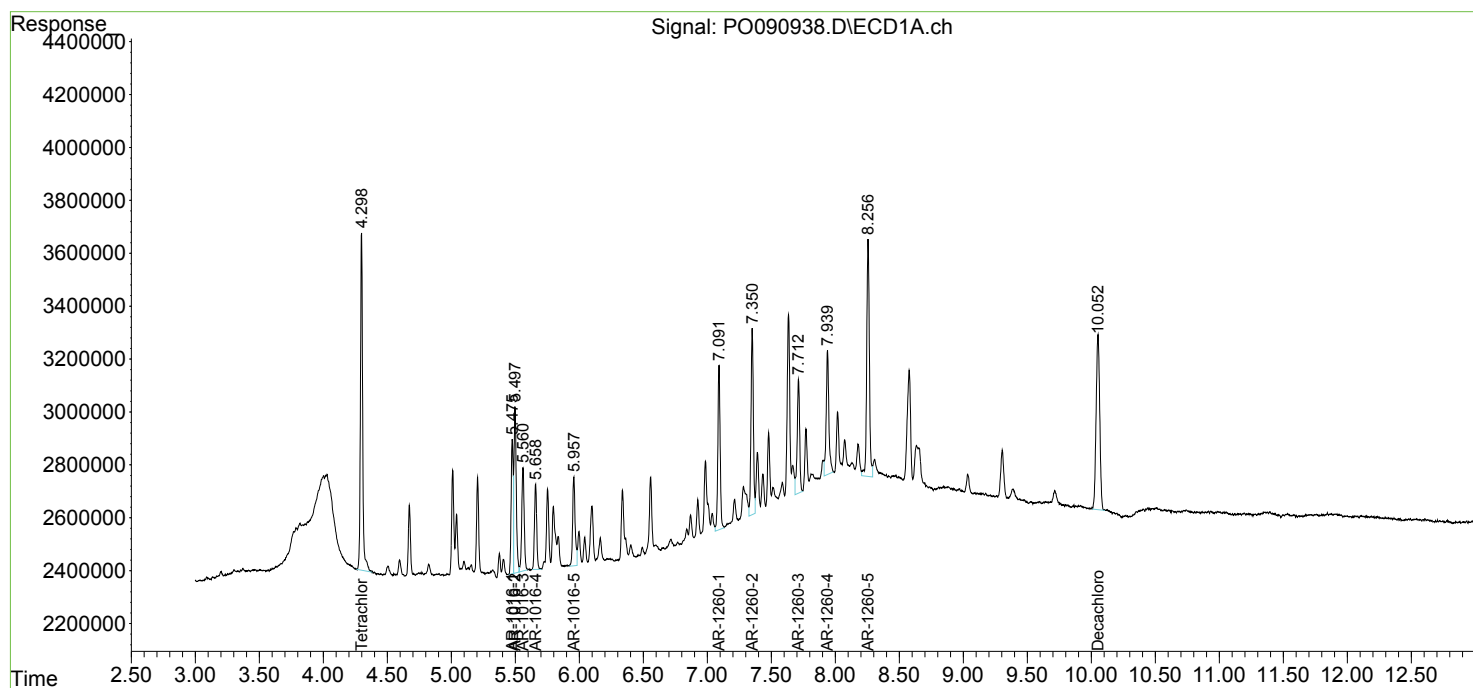
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090938.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 21:50
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:08:57 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:08:47 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090939.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 22:06
 Operator : YP/AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:16:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:16:23 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	174.6E6	51132435	50.000	50.000
2) SA Decachlor...	10.051	8.481	132.0E6	48358635	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.508	3.689	20426392	6590197	500.000	500.000
9) L2 AR-1221-2	4.595	3.774	15165770	4971385	500.000	500.000
10) L2 AR-1221-3	4.672	3.851	46000317	15528774	500.000	500.000

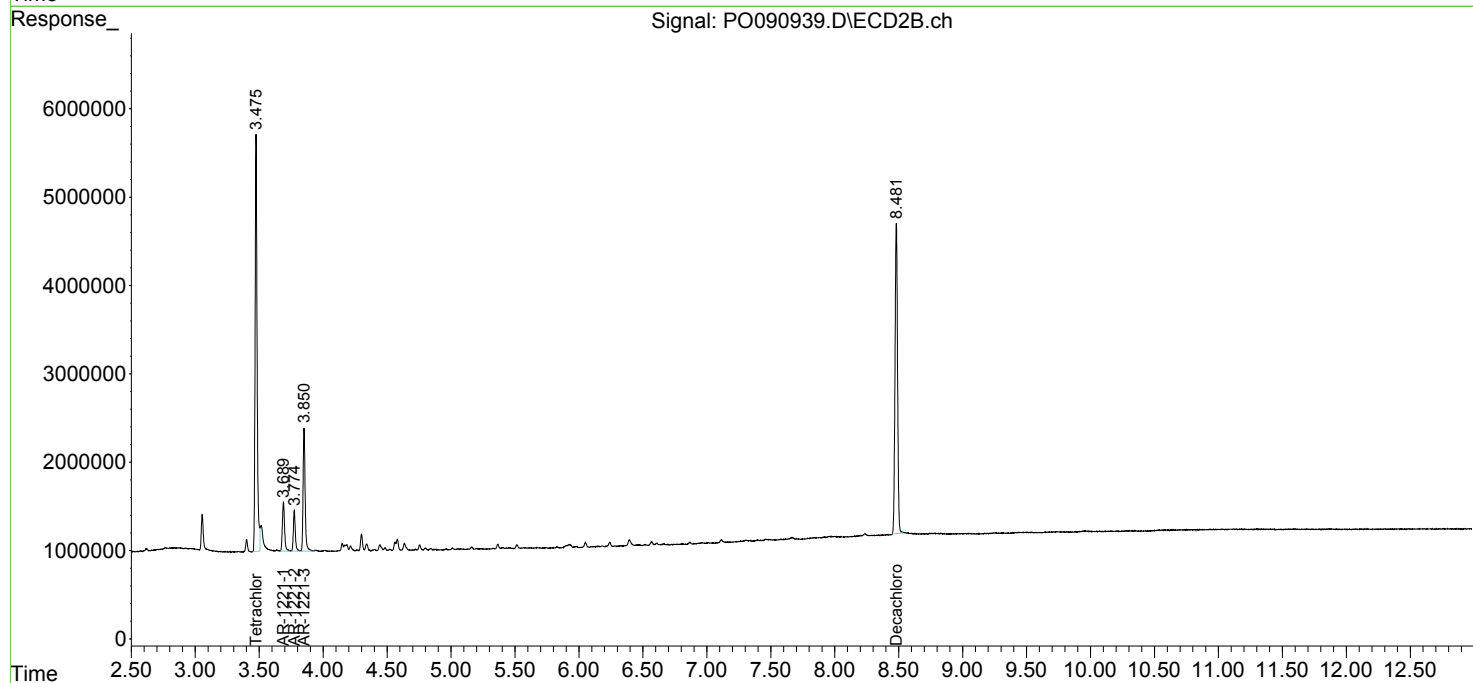
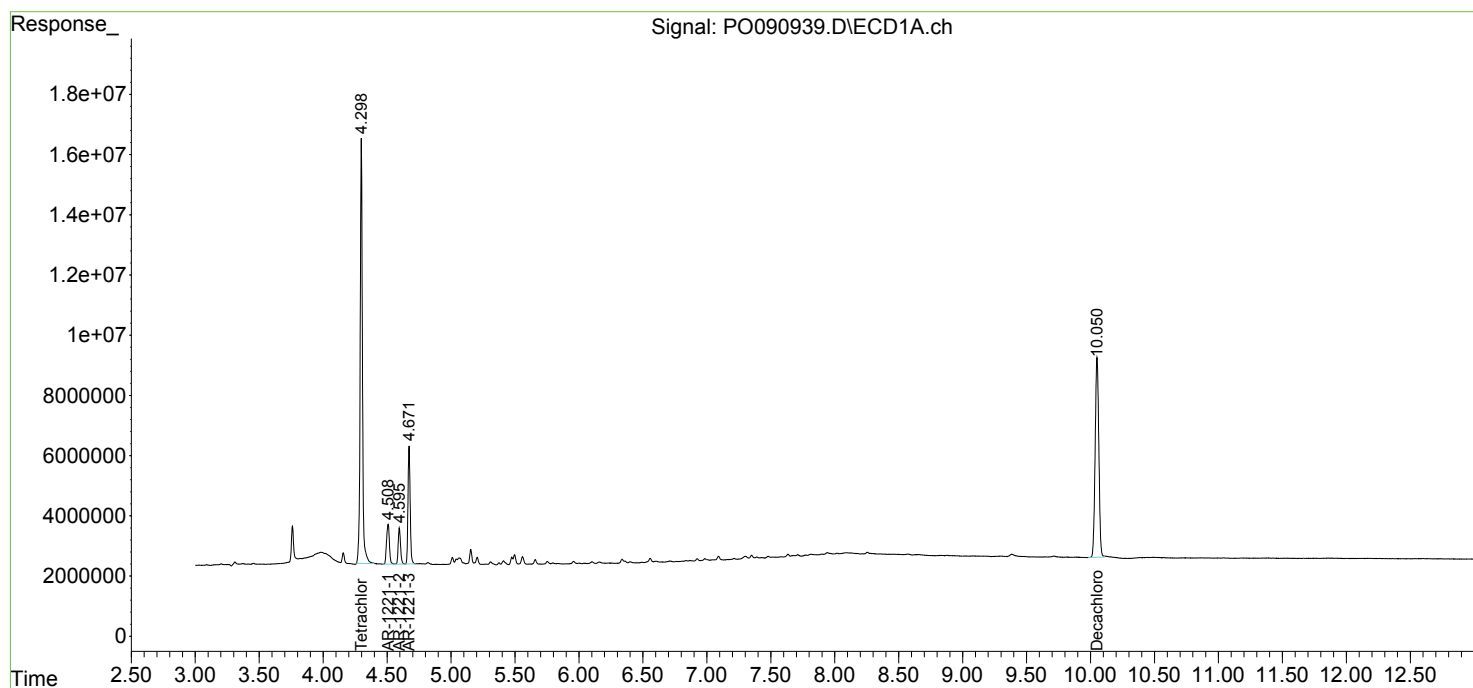
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090939.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 22:06
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:16:47 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:16:23 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0112522\
 Data File : P0090940.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 22:23
 Operator : YP/AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:19:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:19:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	175.1E6	52485862	50.000	50.000
2) SA Decachlor...	10.052	8.482	133.0E6	48751524	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.672	3.850	35975565	11946516	500.000	500.000
12) L3 AR-1232-2	5.205	4.580	21661629	12075536	500.000	500.000
13) L3 AR-1232-3	5.498	4.756	37360449	6329794	500.000	500.000
14) L3 AR-1232-4	5.659	4.841	18738175	6043813	500.000	500.000
15) L3 AR-1232-5	5.752	5.012	14951810	6762590	500.000	500.000

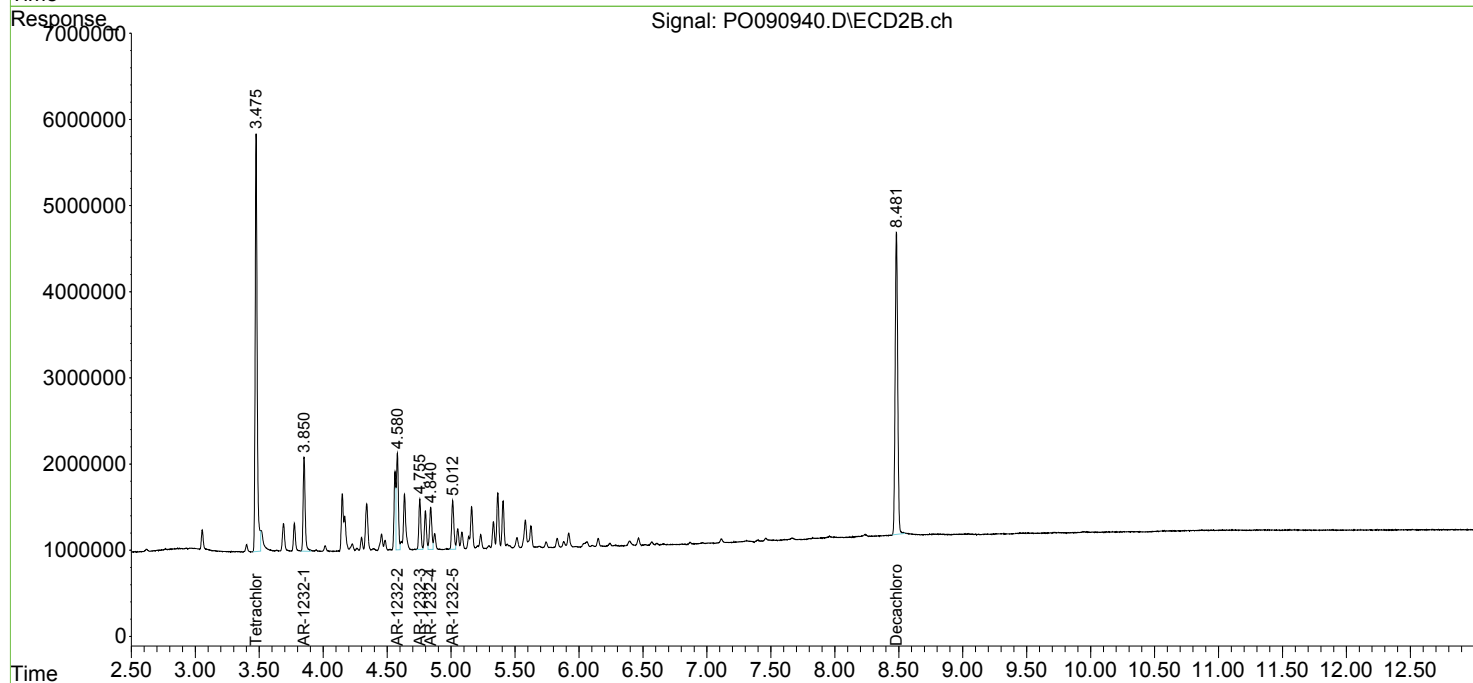
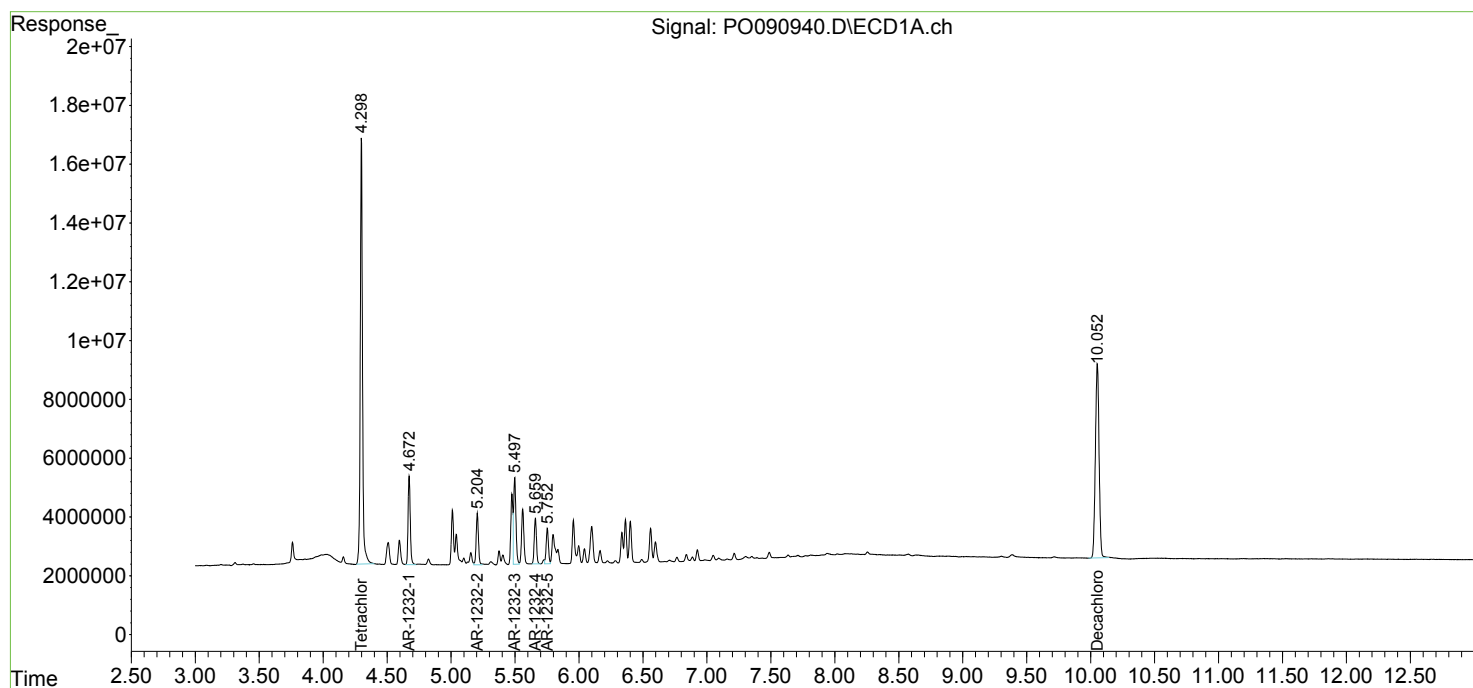
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090940.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 22:23
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:19:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:19:26 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090941.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 22:41
 Operator : YP/AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:35:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:34:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	353.5E6	111.5E6	98.805	98.555
2) SA Decachlor...	10.052	8.482	257.5E6	93517866	95.642	95.826
Target Compounds						
16) L4 AR-1242-1	5.476	4.562	84591037	27307860	963.489	962.362
17) L4 AR-1242-2	5.498	4.580	122.5E6	38375668	975.913	966.604
18) L4 AR-1242-3	5.561	4.756	75857635	20860742	934.462	991.954
19) L4 AR-1242-4	5.659	4.841	61338781	21826984	969.223	970.784
20) L4 AR-1242-5	6.402	5.366	63285468	26916812	929.106	956.412

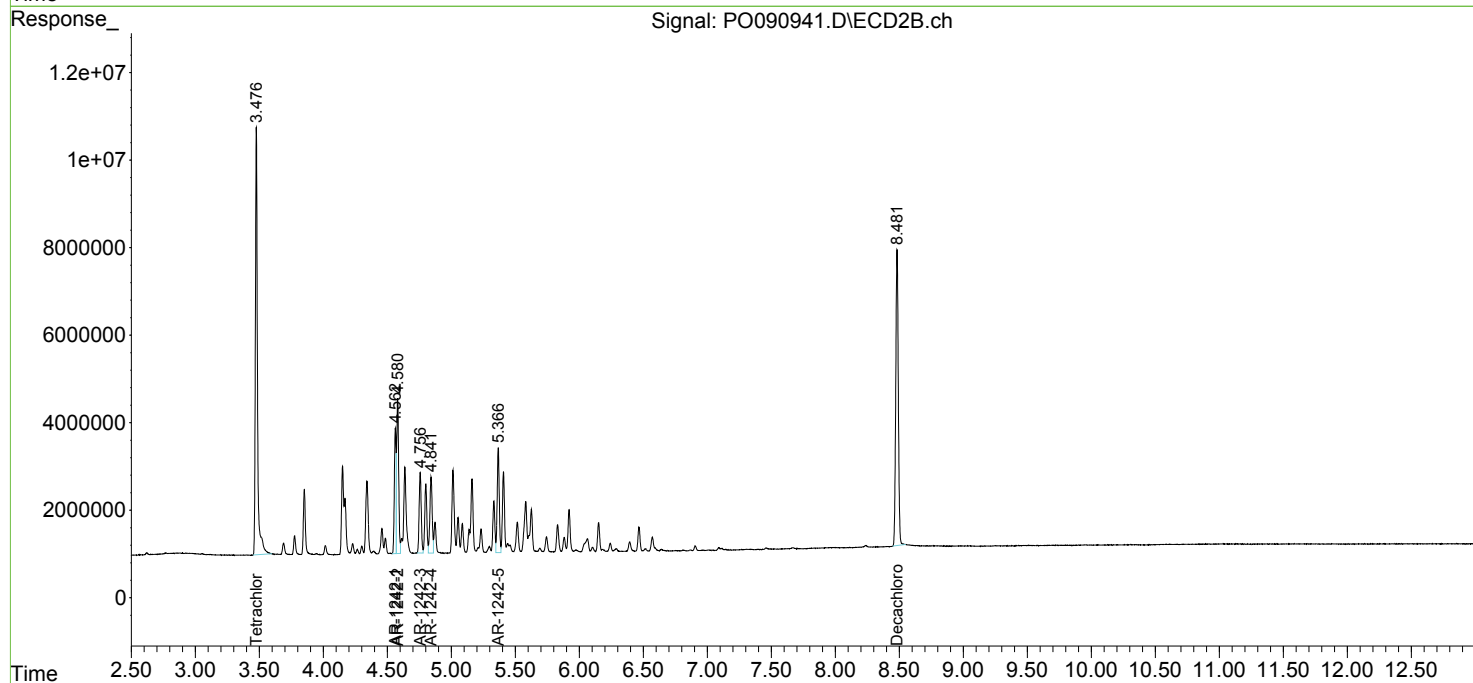
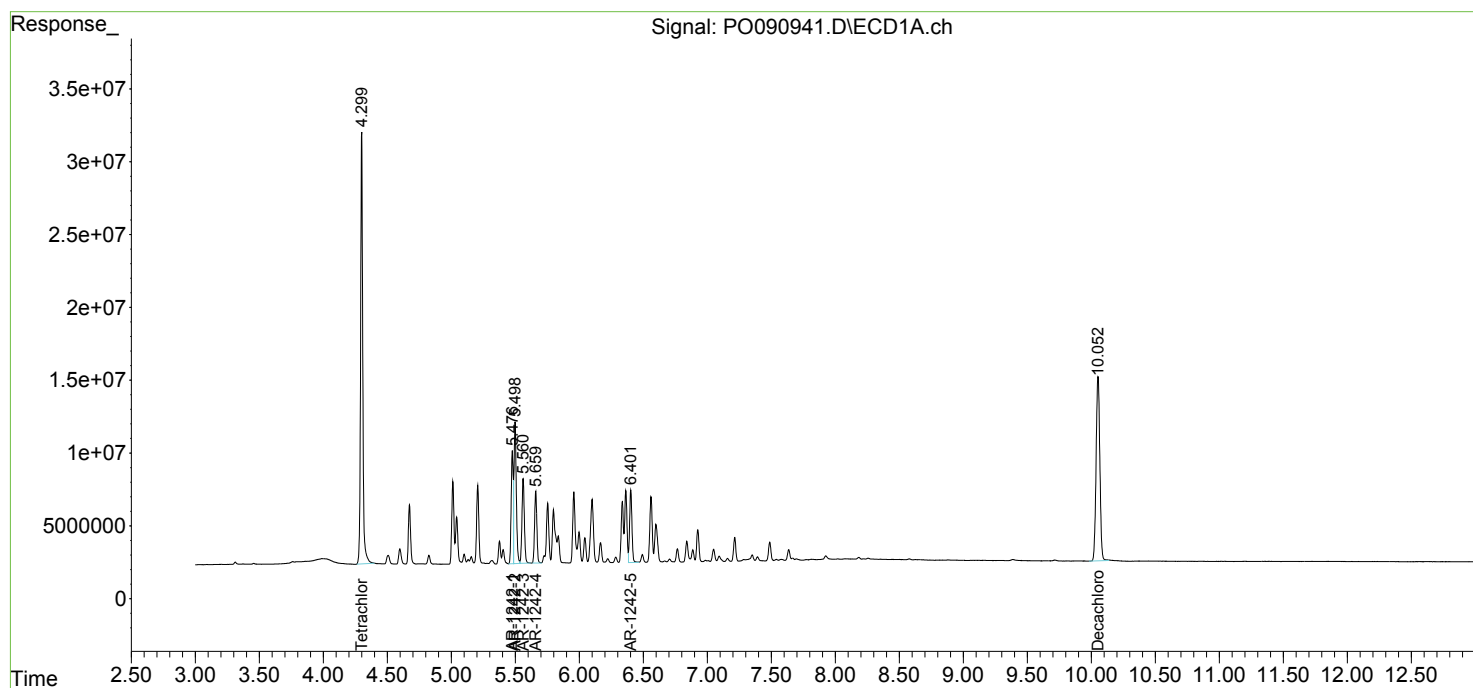
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090941.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 22:41
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:35:01 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:34:52 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090942.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 22:58
 Operator : YP/AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:36:49 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:36:39 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	268.6E6	85138634	75.046	75.163
2) SA Decachlor...	10.049	8.482	201.9E6	73218395	74.993	75.017
Target Compounds						
16) L4 AR-1242-1	5.475	4.562	65287291	21251537	745.735	749.286
17) L4 AR-1242-2	5.497	4.580	94069543	29740102	749.532	749.394
18) L4 AR-1242-3	5.559	4.756	61237323	15623627	752.901	745.267
19) L4 AR-1242-4	5.658	4.841	47212240	16766603	747.334	747.139
20) L4 AR-1242-5	6.401	5.365	51717171	21052736	756.154	748.698

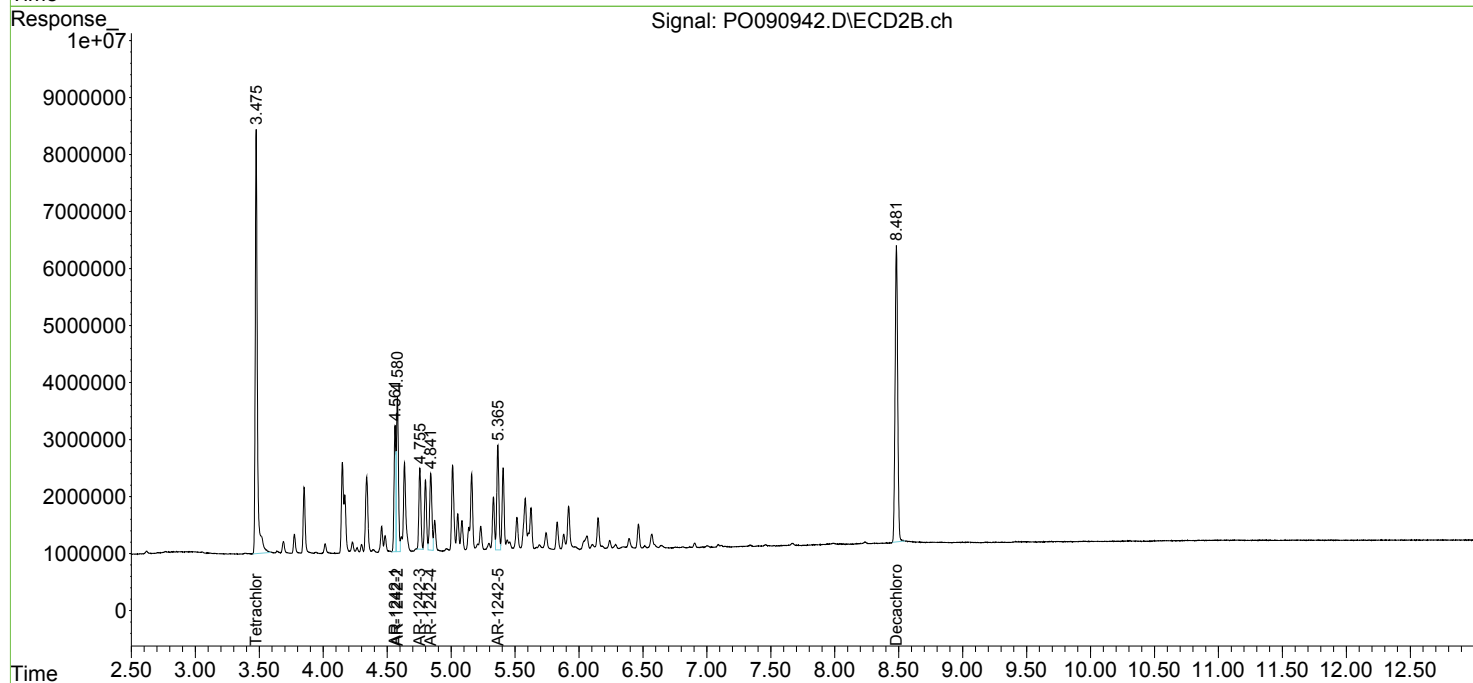
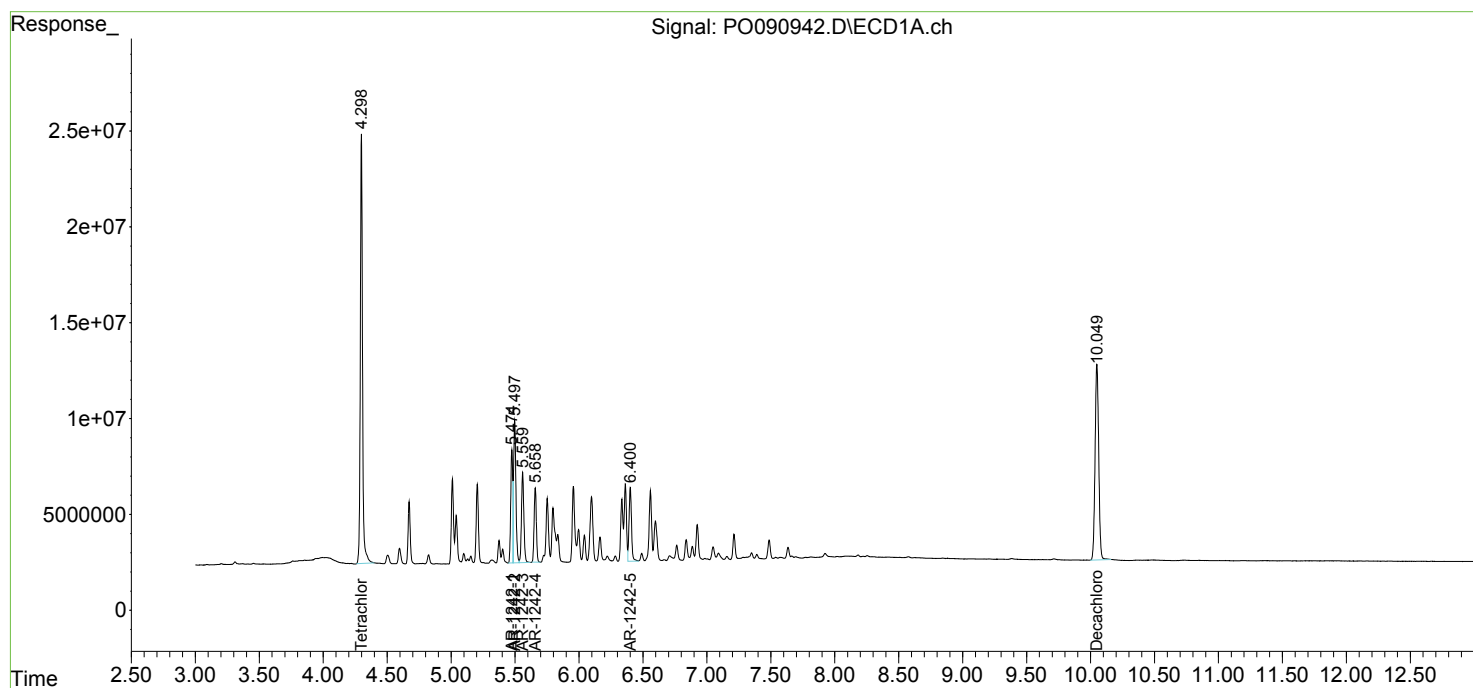
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090942.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 22:58
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:36:49 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:36:39 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO112522\
 Data File : PO090943.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 23:15
 Operator : YP/AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:31:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:25:16 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	181.0E6	57392329	50.000	50.000
2) SA Decachlor...	10.050	8.481	140.5E6	50832163	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.475	4.562	45501064	14721927	500.000	500.000
17) L4 AR-1242-2	5.497	4.580	64283741	20513715	500.000	500.000
18) L4 AR-1242-3	5.560	4.756	43249036	10599588	500.000	500.000
19) L4 AR-1242-4	5.658	4.841	32617135	11570370	500.000	500.000
20) L4 AR-1242-5	6.401	5.365	36471654	14685122	500.000	500.000

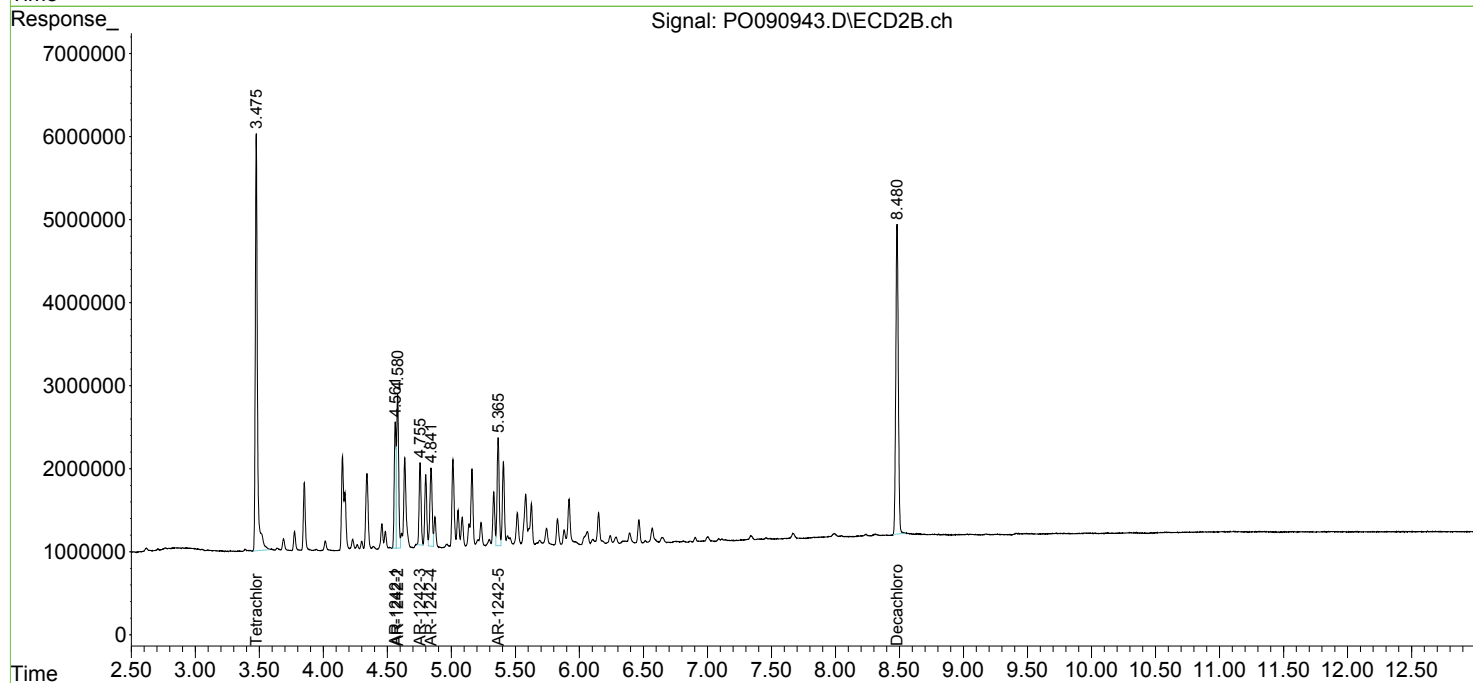
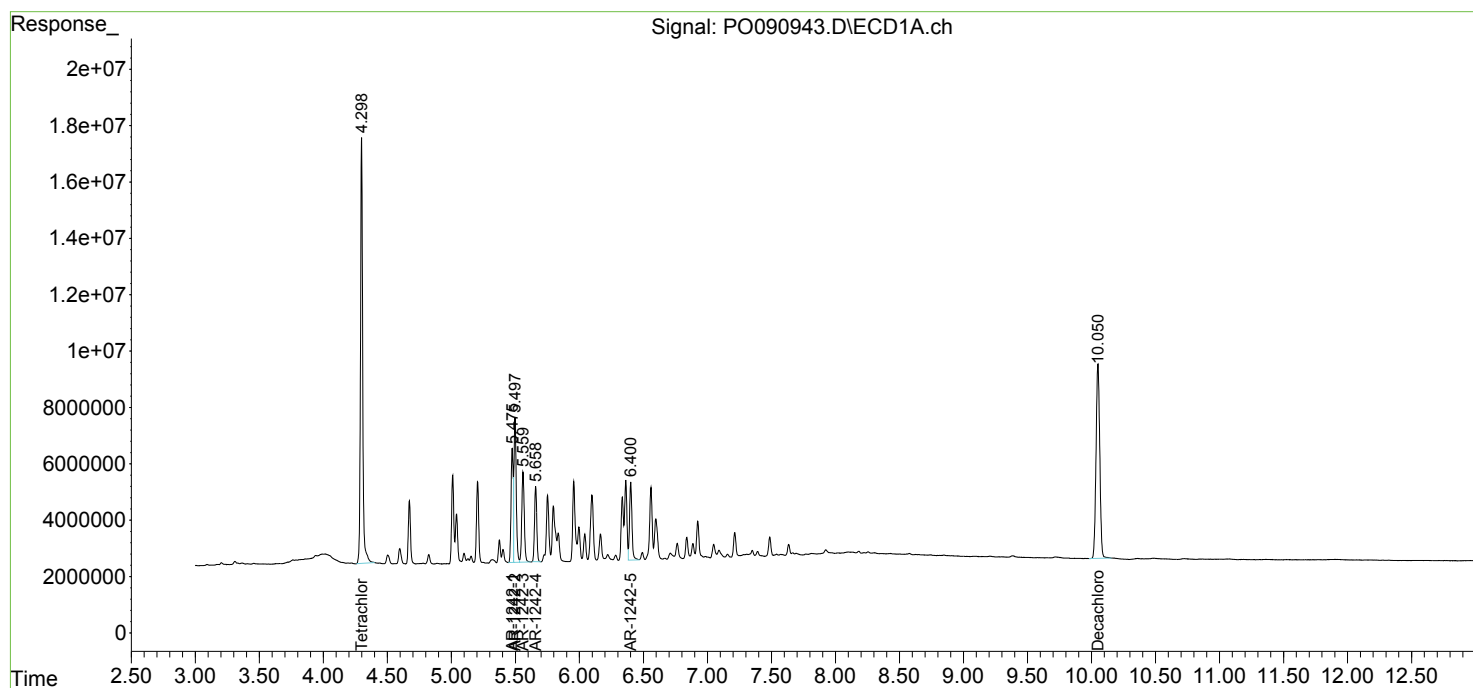
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090943.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 23:15
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:31:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:25:16 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090944.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 23:32
 Operator : YP/AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:39:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:39:30 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	90507634	29256247	25.214	25.616
2) SA Decachlor...	10.052	8.482	72377019	27055313	26.387	26.986
Target Compounds						
16) L4 AR-1242-1	5.475	4.562	24011159	7972471	267.767	272.617
17) L4 AR-1242-2	5.497	4.580	33855158	10844530	264.528	267.050
18) L4 AR-1242-3	5.559	4.756	21615269	5715783	261.633	266.611
19) L4 AR-1242-4	5.658	4.841	16898464	6258049	262.892	271.042
20) L4 AR-1242-5	6.401	5.365	17612983	7716094	255.597	267.869

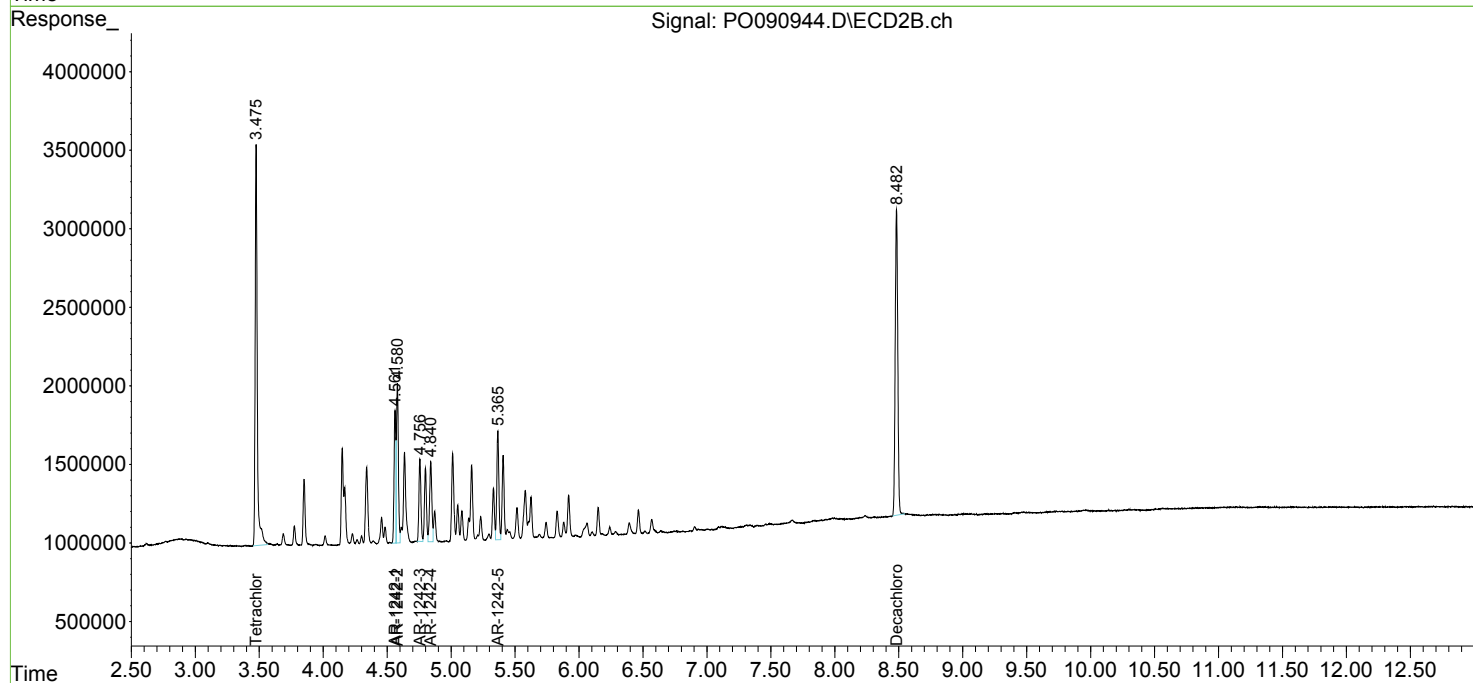
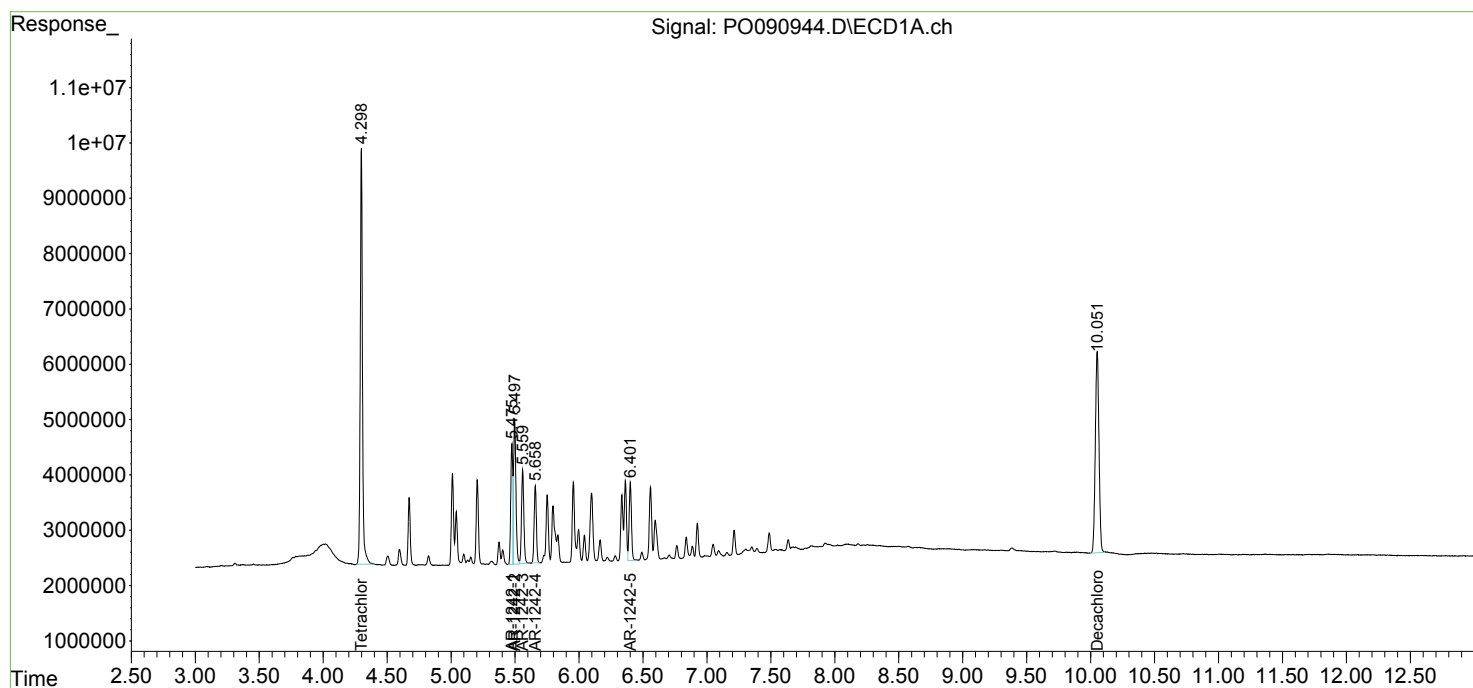
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090944.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 23:32
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:39:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:39:30 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO112522\
 Data File : PO090945.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Nov 2022 23:49
 Operator : YP/AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1242ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:41:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:41:22 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	15356811	4973744	4.405	4.470
2) SA Decachlor...	10.053	8.481	13240679	5001480	4.861	4.991
Target Compounds						
16) L4 AR-1242-1	5.476	4.561	4379949	1410309	49.071	48.570
17) L4 AR-1242-2	5.498	4.580	6145491	1955802	48.402	48.519
18) L4 AR-1242-3	5.560	4.756	4316767	940448	51.784	44.970
19) L4 AR-1242-4	5.659	4.841	3025628	1090777	47.628	47.769
20) L4 AR-1242-5	6.402	5.365	3300933	1292698	48.308	45.816

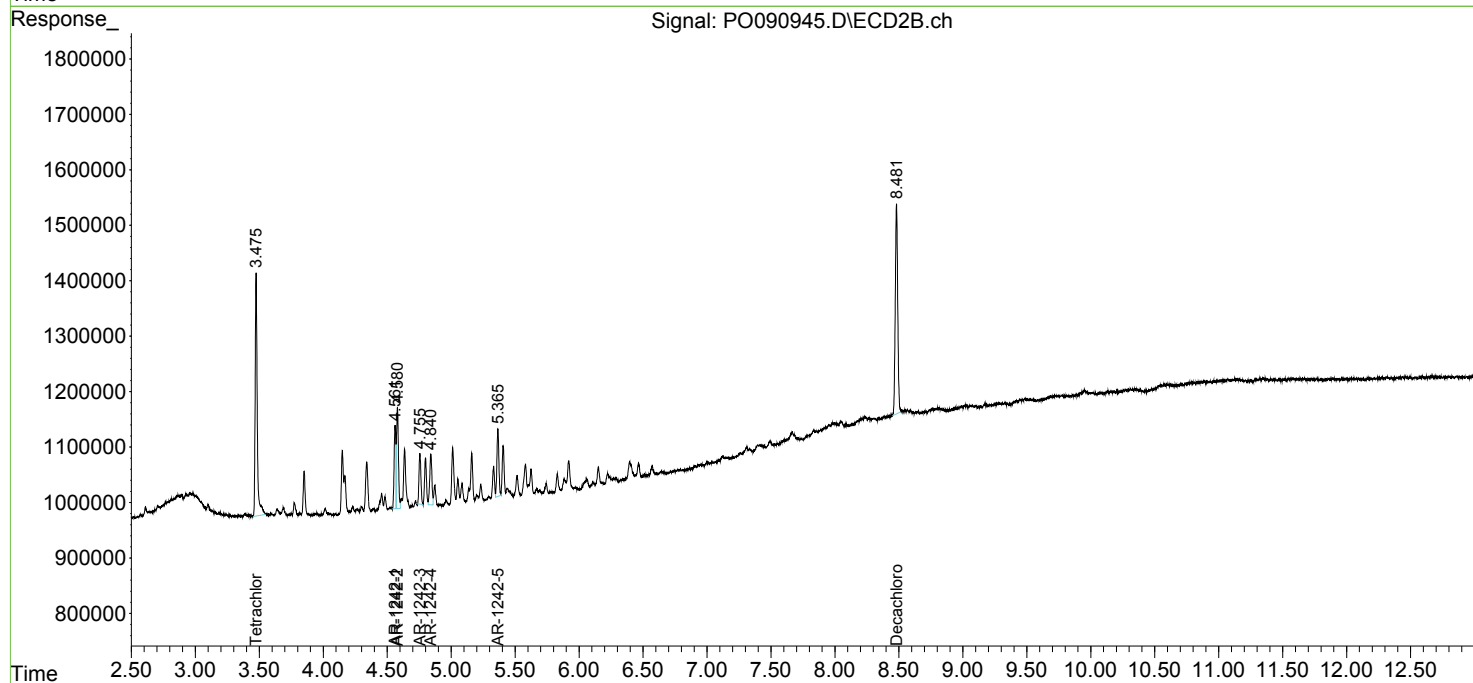
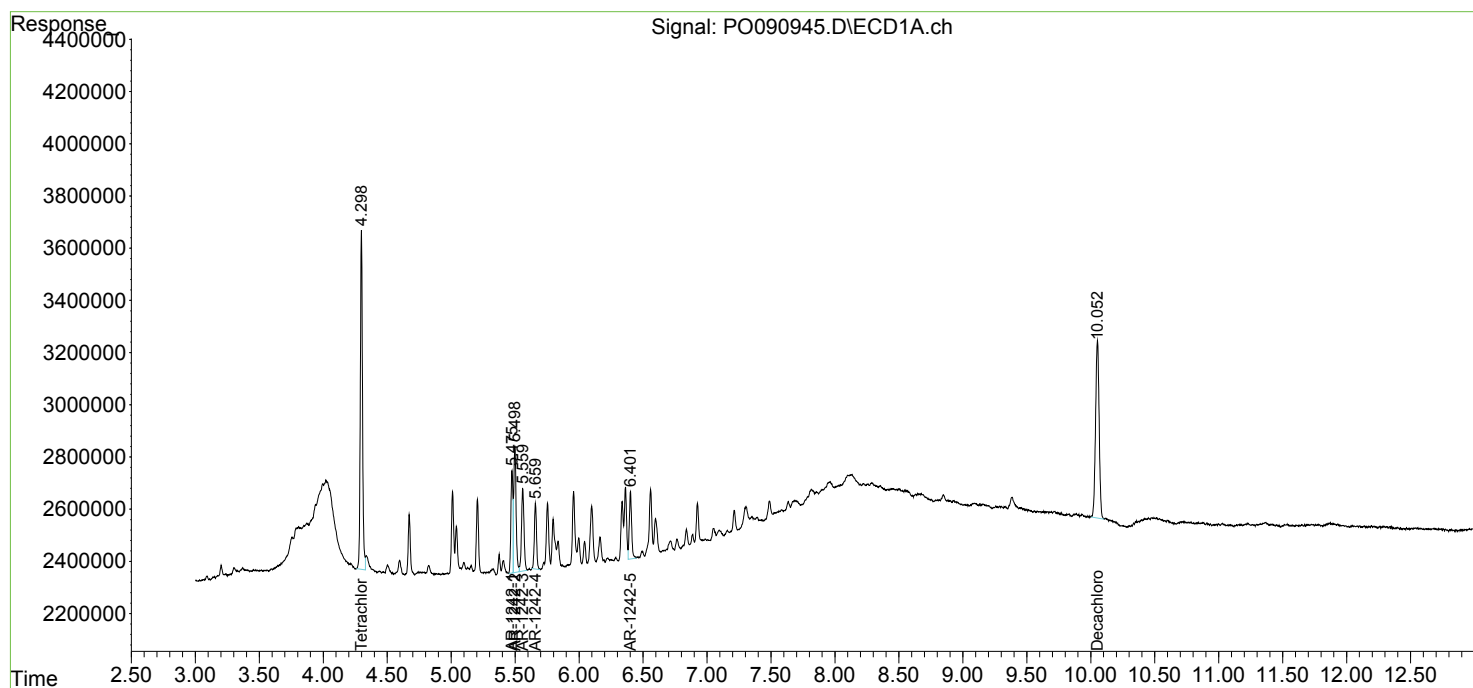
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090945.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 23:49
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:41:32 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:41:22 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090946.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 00:06
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:56:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:56:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	357.5E6	112.8E6	98.934	98.363
2) SA Decachlor...	10.051	8.482	264.8E6	95926777	96.137	95.841
Target Compounds						
21) L5 AR-1248-1	5.475	4.562	67399103	22129404	959.922	953.463
22) L5 AR-1248-2	5.751	4.800	92257256	30812273	924.045	954.565
23) L5 AR-1248-3	5.957	4.841	105.7E6	31789630	953.715	954.793
24) L5 AR-1248-4	6.363	5.012	113.0E6	37555889	960.944	954.941
25) L5 AR-1248-5	6.402	5.407	109.6E6	34743653	966.685	957.827

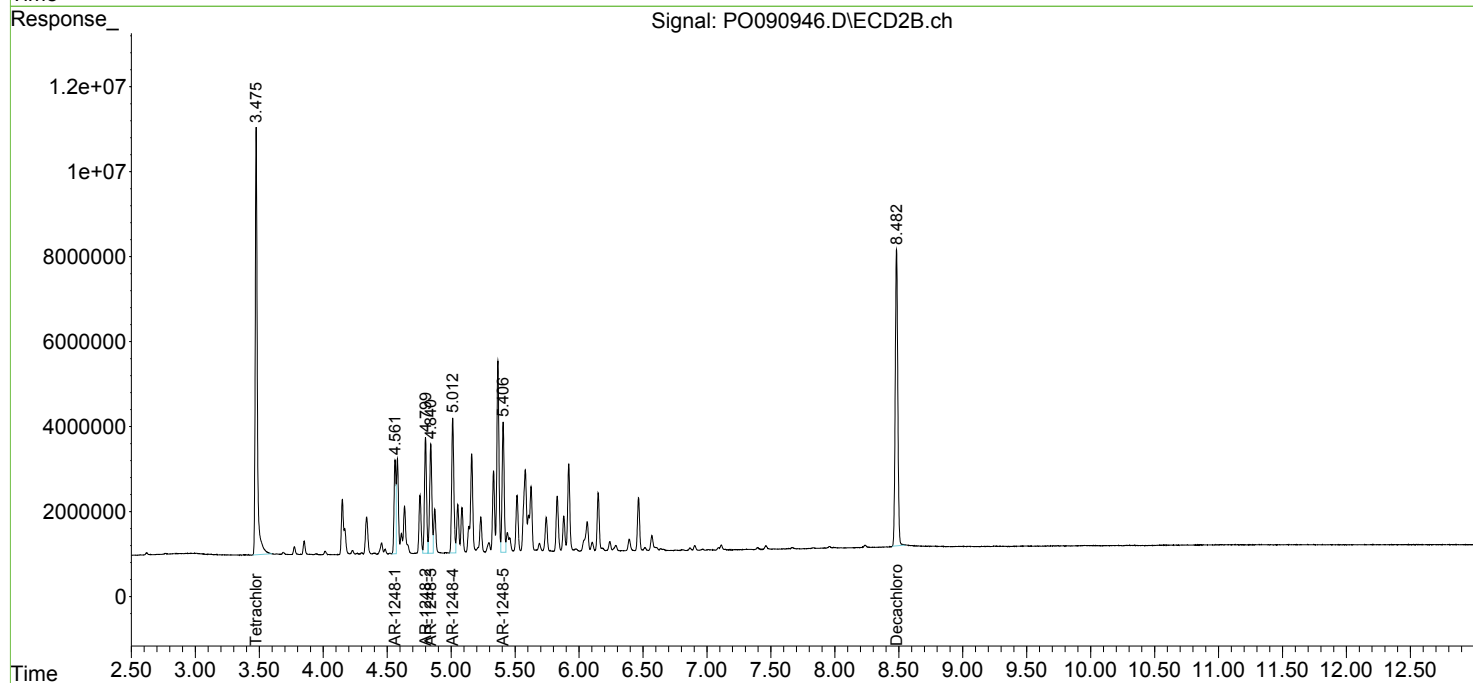
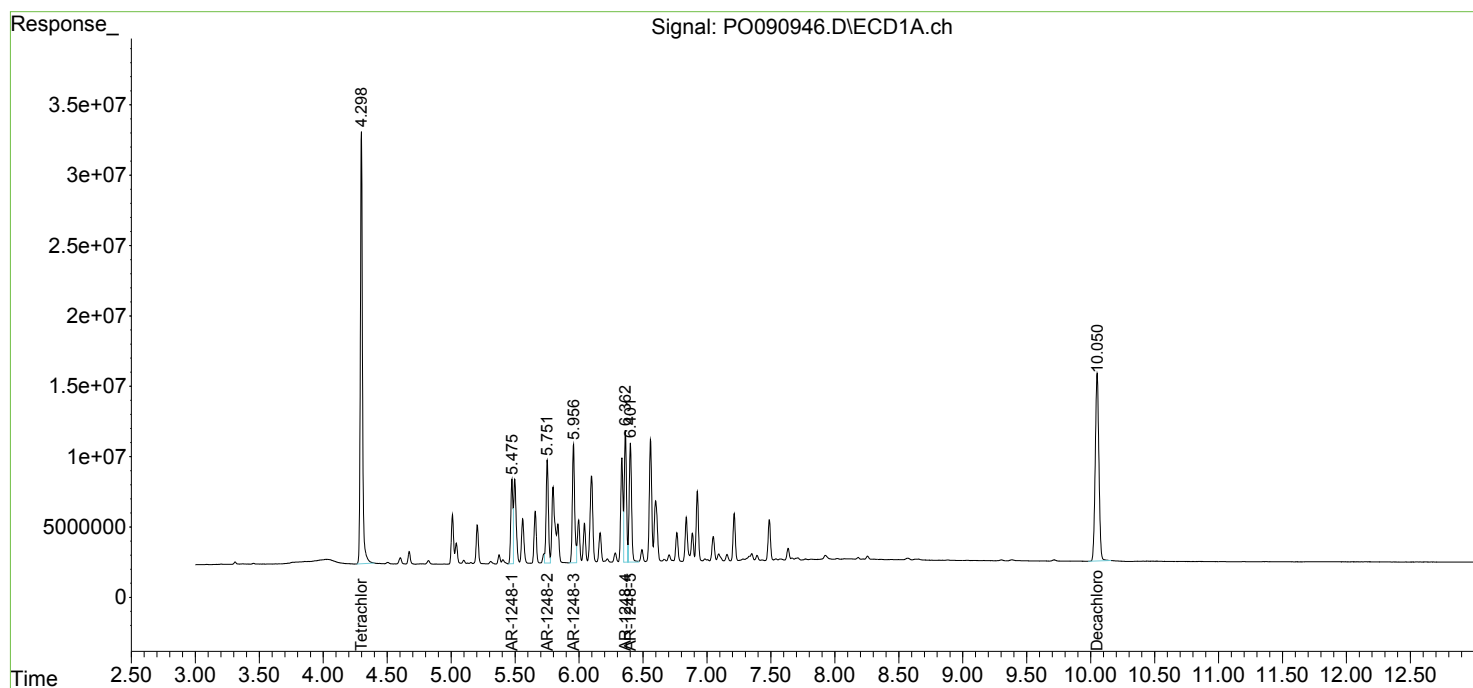
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090946.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 00:06
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:56:39 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:56:29 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090947.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 00:23
 Operator : YP/AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:58:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:58:14 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	272.9E6	86077329	75.334	75.047
2) SA Decachlor...	10.051	8.482	205.5E6	74451349	74.741	74.589
Target Compounds						
21) L5 AR-1248-1	5.475	4.561	53089147	17411682	754.065	750.131
22) L5 AR-1248-2	5.752	4.799	72353749	24168295	732.936	749.156
23) L5 AR-1248-3	5.957	4.841	82345185	24953087	745.537	749.640
24) L5 AR-1248-4	6.363	5.013	88004626	29281203	748.786	746.350
25) L5 AR-1248-5	6.402	5.407	84680900	27059926	747.790	747.328

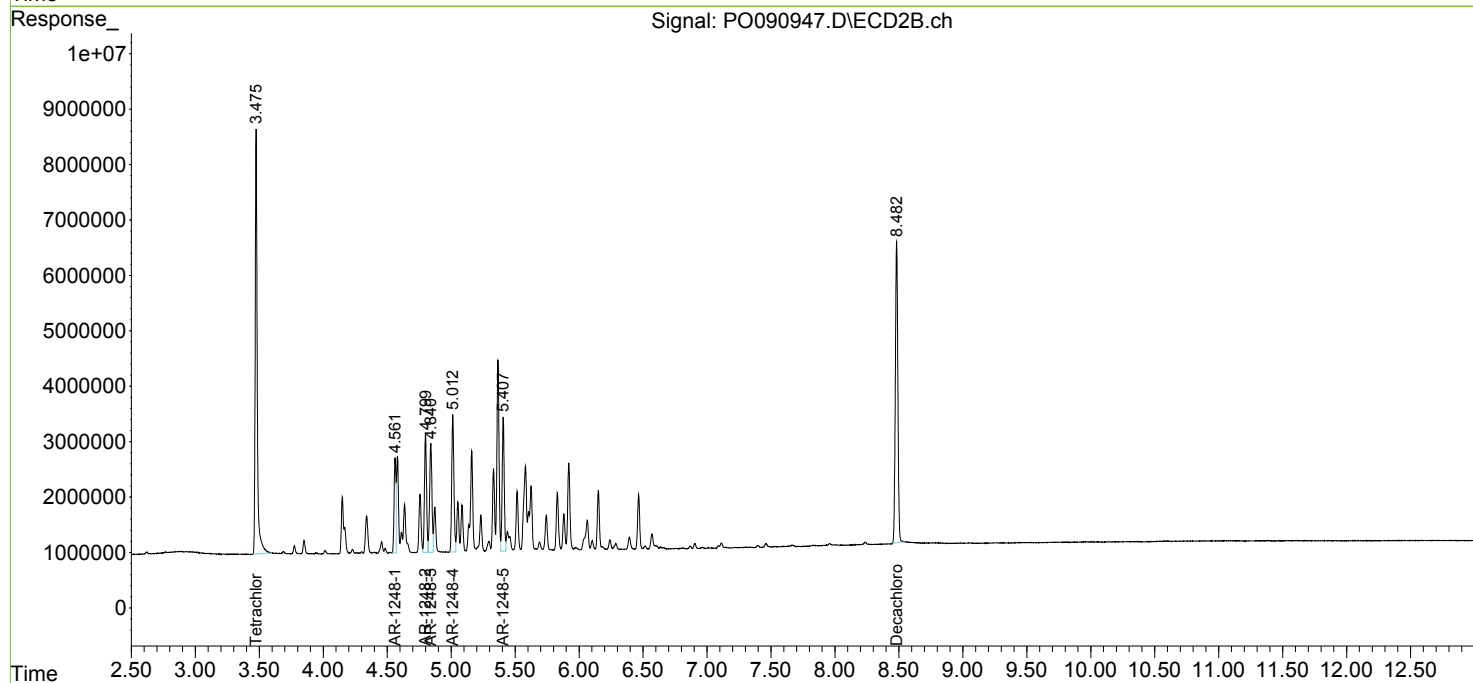
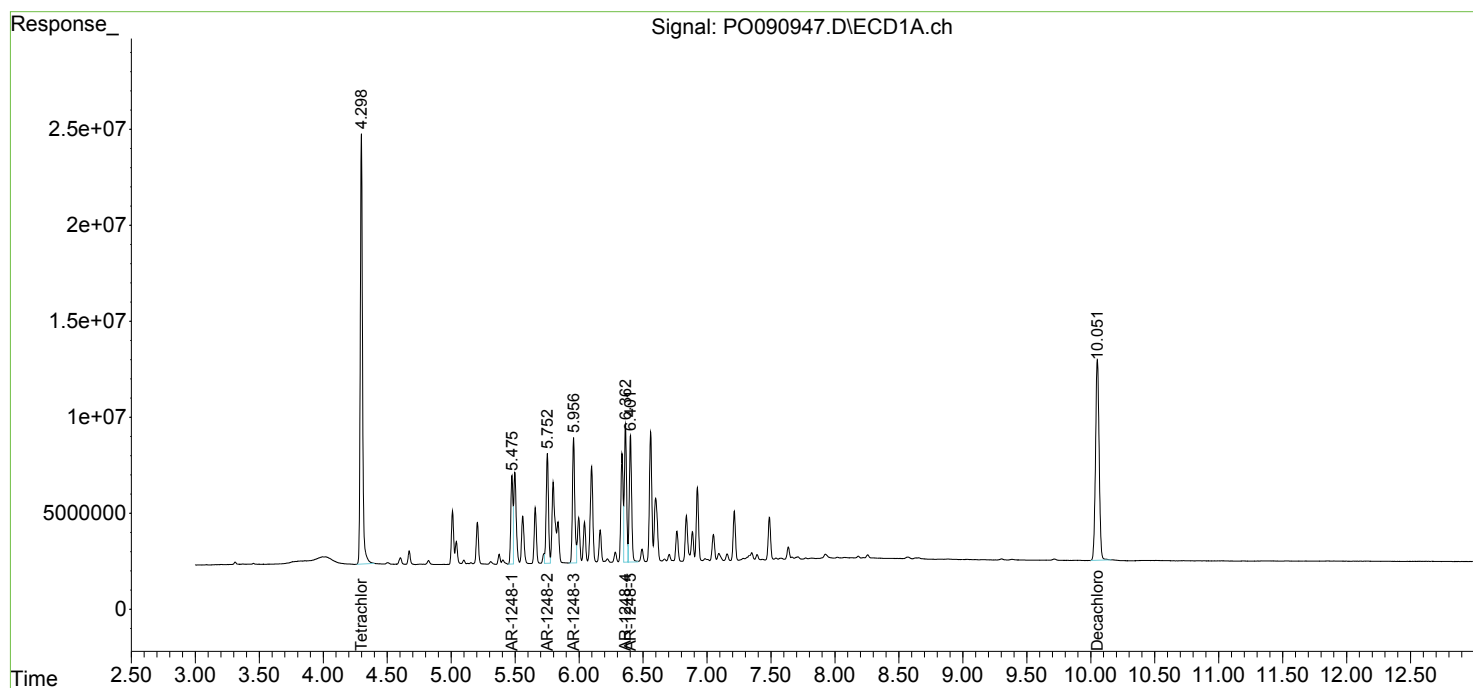
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090947.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 00:23
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:58:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:58:14 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090948.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 00:40
 Operator : YP/AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:53:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:48:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	182.6E6	58269614	50.000	50.000
2) SA Decachlor...	10.051	8.482	143.0E6	52125731	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.475	4.562	36513568	12144792	500.000	500.000
22) L5 AR-1248-2	5.752	4.800	53711978	16872739	500.000	500.000
23) L5 AR-1248-3	5.957	4.841	57953420	17399961	500.000	500.000
24) L5 AR-1248-4	6.363	5.012	61109361	20550021	500.000	500.000
25) L5 AR-1248-5	6.402	5.407	58593292	18901579	500.000	500.000

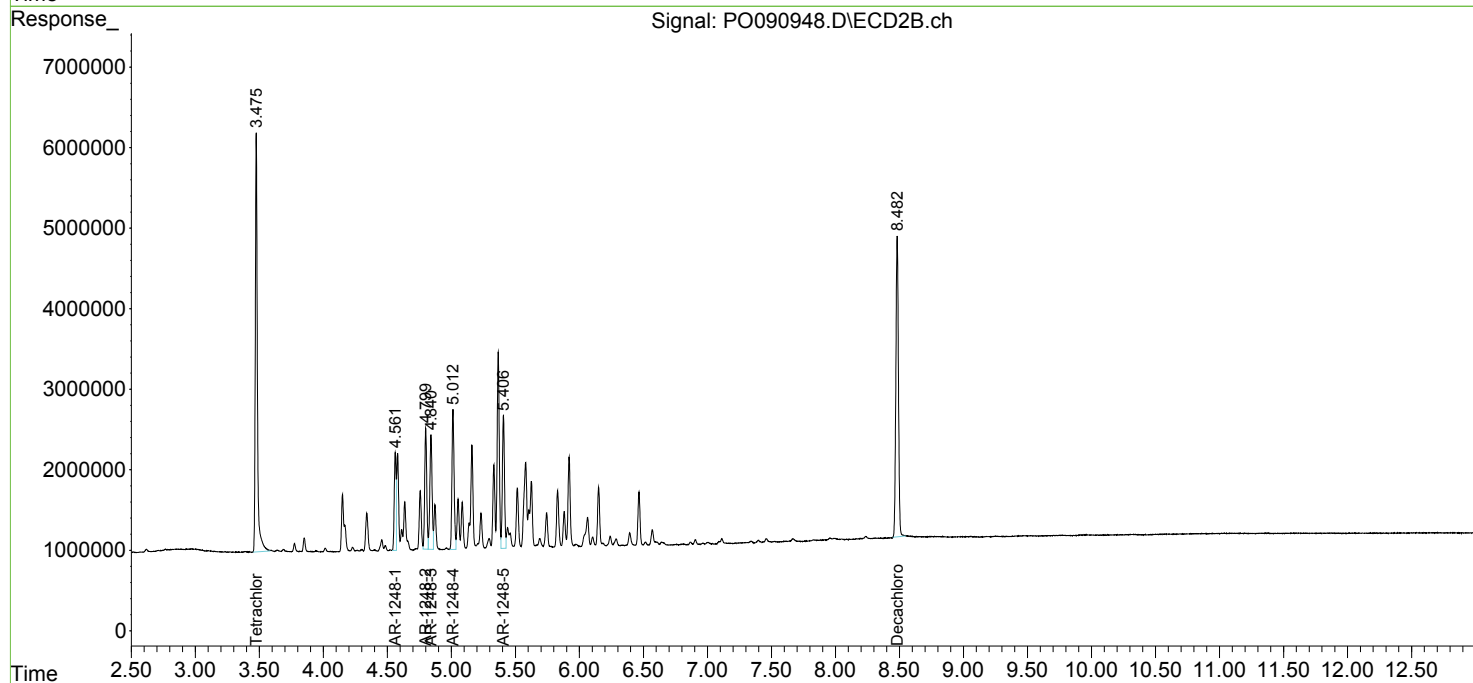
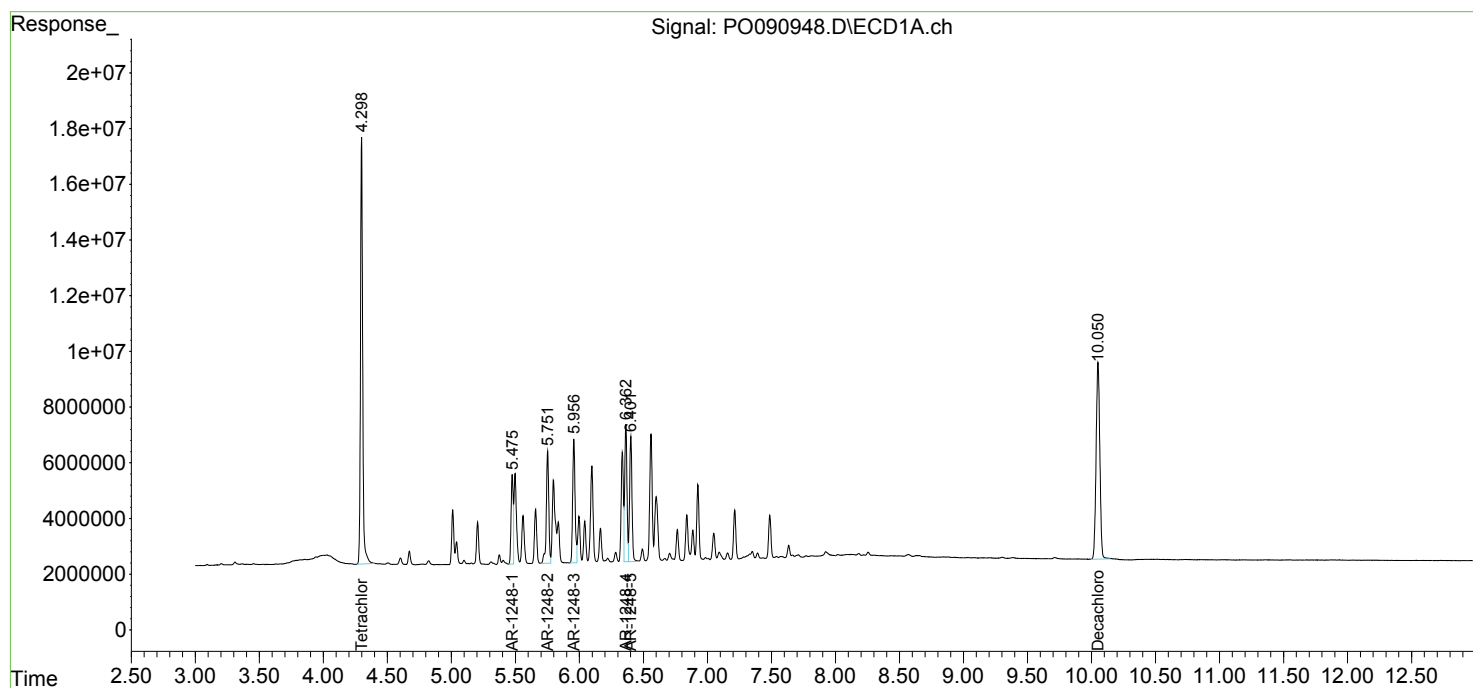
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090948.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 00:40
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:53:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:48:52 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 00:57
 Operator : YP/AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:00:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:00:12 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	91036192	28979620	25.100	25.199
2) SA Decachlor...	10.051	8.482	73949018	27512028	26.398	26.874
Target Compounds						
21) L5 AR-1248-1	5.476	4.562	19181171	6227029	266.464	263.459
22) L5 AR-1248-2	5.752	4.800	28140239	8905247	275.403	269.034
23) L5 AR-1248-3	5.957	4.841	29994356	9149909	265.831	268.208
24) L5 AR-1248-4	6.363	5.013	31589077	10703777	263.822	266.740
25) L5 AR-1248-5	6.401	5.407	30158592	9772886	262.044	264.636

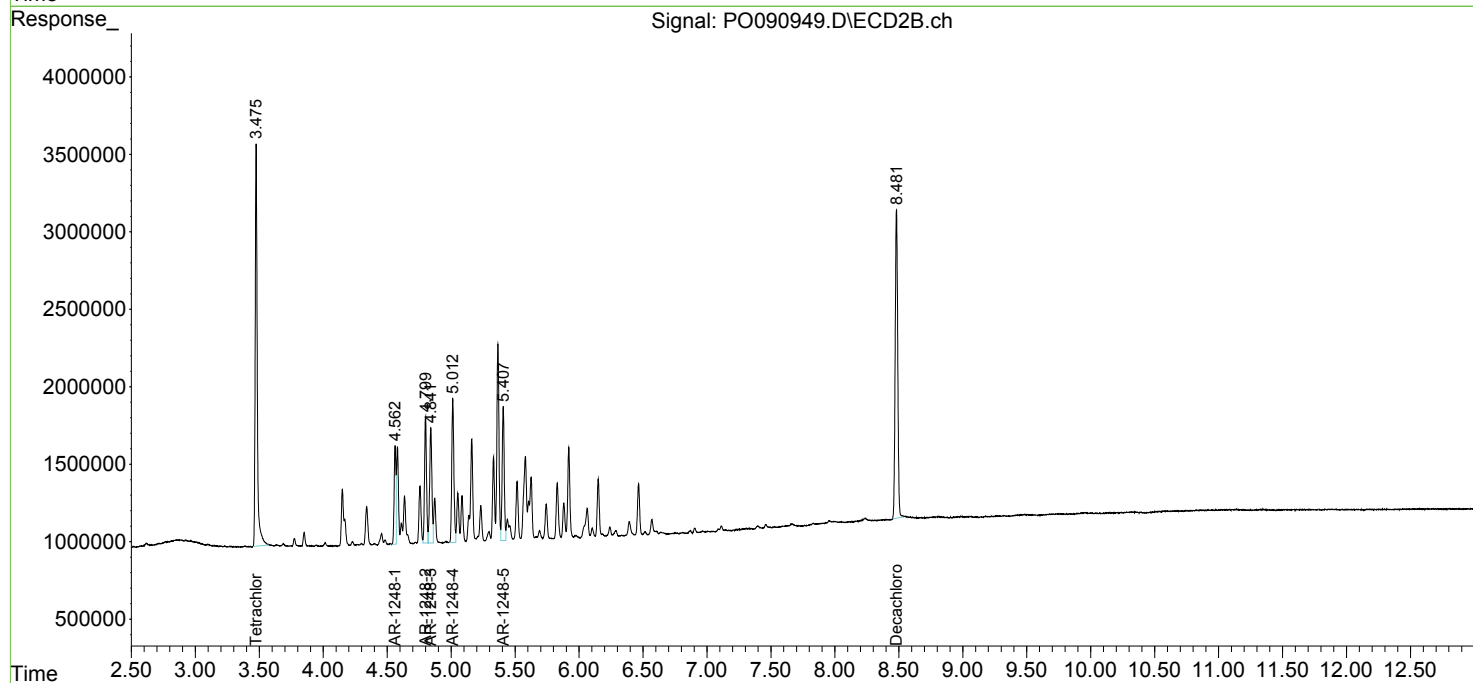
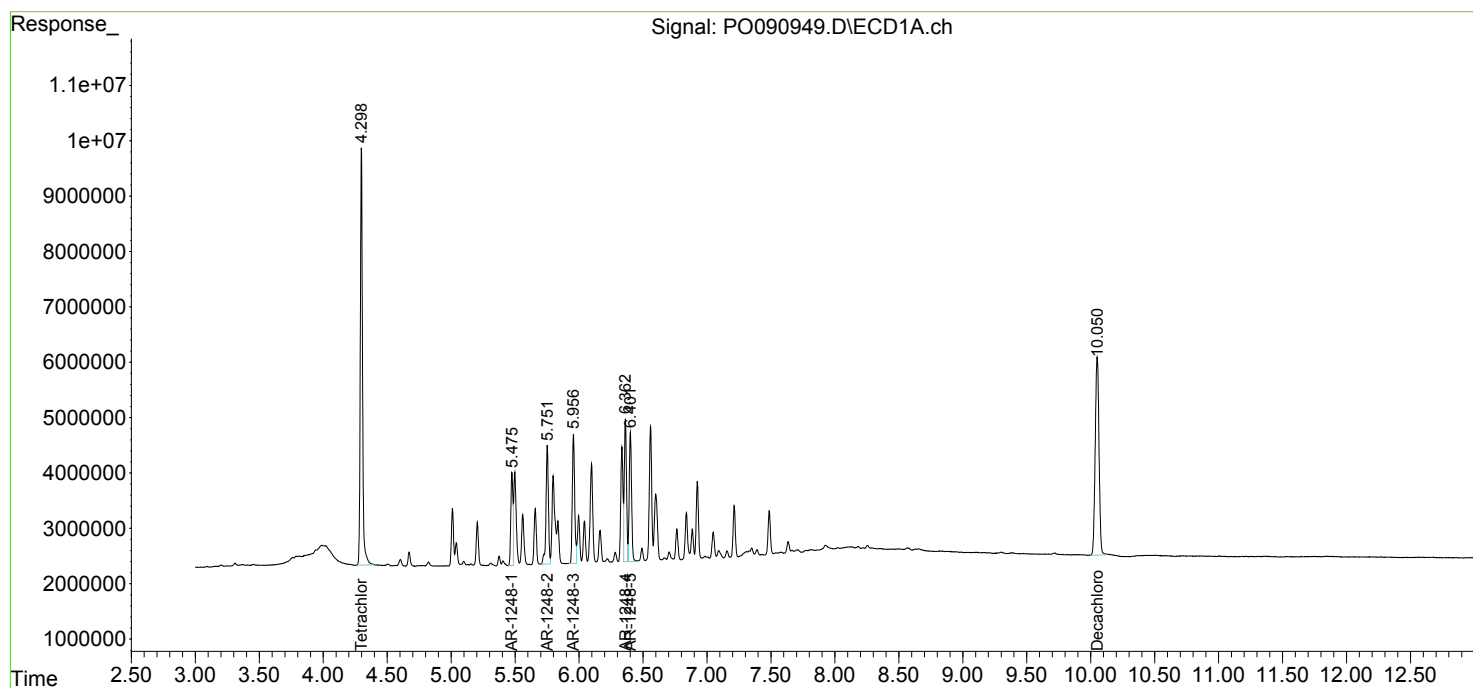
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 00:57
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:00:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:00:12 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090950.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 01:14
 Operator : YP/AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:02:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:02:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	15187500	4876208	4.328	4.373
2) SA Decachlor...	10.051	8.481	13294245	5059232	4.794	4.953
Target Compounds						
21) L5 AR-1248-1	5.475	4.561	3411459	1154315	47.891	49.066
22) L5 AR-1248-2	5.753	4.799	6066601	1564823	57.227	47.796
23) L5 AR-1248-3	5.957	4.841	6853874	1661957	58.241	48.968
24) L5 AR-1248-4	6.363	5.012	6624708	1949950	54.173	48.868
25) L5 AR-1248-5	6.401	5.406	5656184	1575349	49.314	43.949

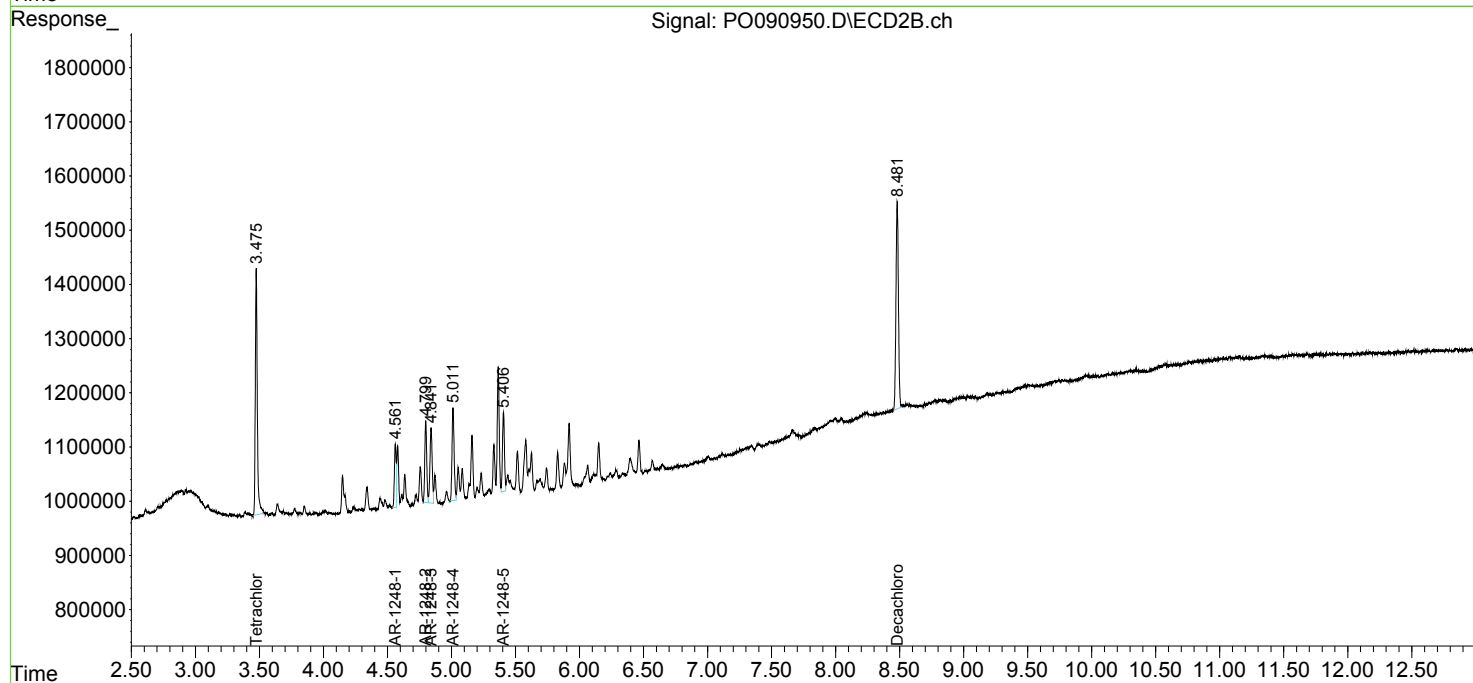
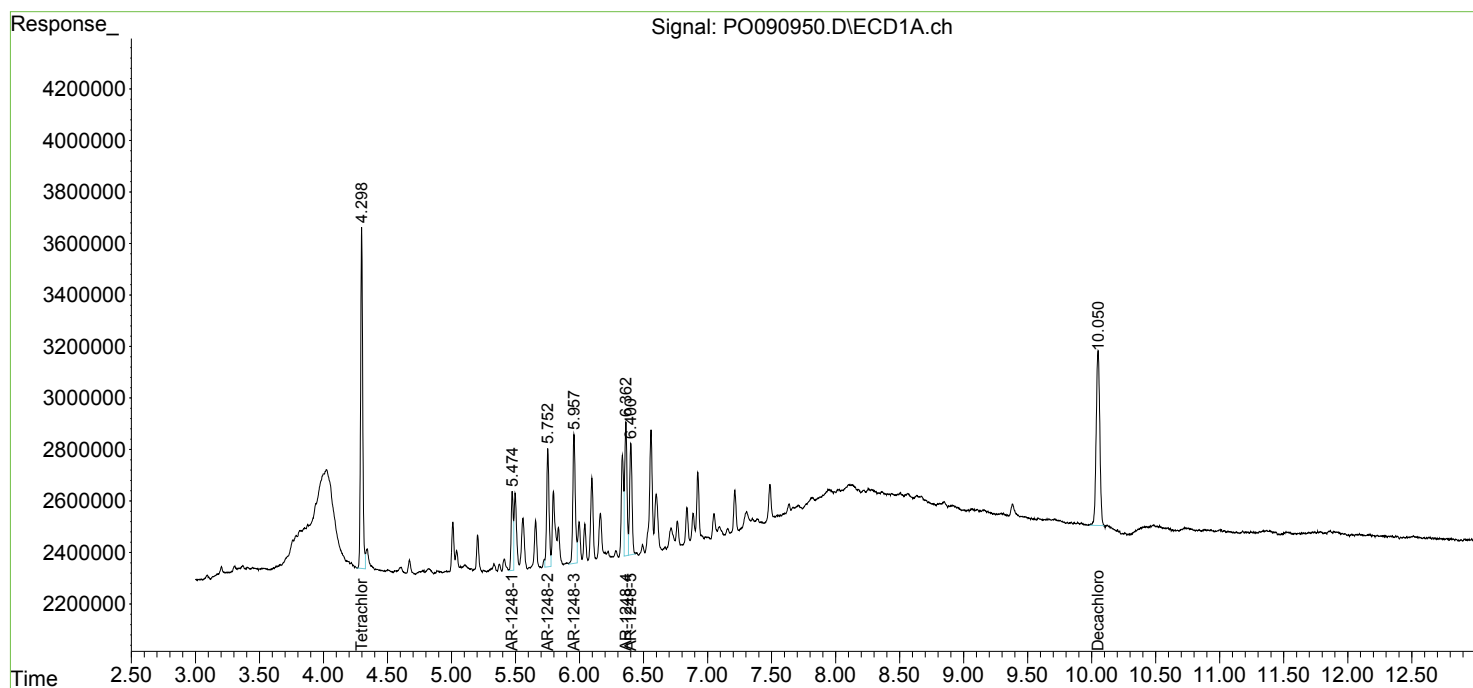
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090950.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 01:14
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:02:41 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:02:29 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 02:05
 Operator : YP/AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:10:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:07:19 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	182.2E6	57404635	50.000	50.000
2) SA Decachlor...	10.051	8.481	142.4E6	52013416	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.337	5.366	64627212	29708603	500.000	500.000
27) L6 AR-1254-2	6.558	5.515	98503843	27151736	500.000	500.000
28) L6 AR-1254-3	6.926	5.920	98245874	41911365	500.000	500.000
29) L6 AR-1254-4	7.212	6.150	72293785	25425639	500.000	500.000
30) L6 AR-1254-5	7.635	6.570	80605404	38397731	500.000	500.000

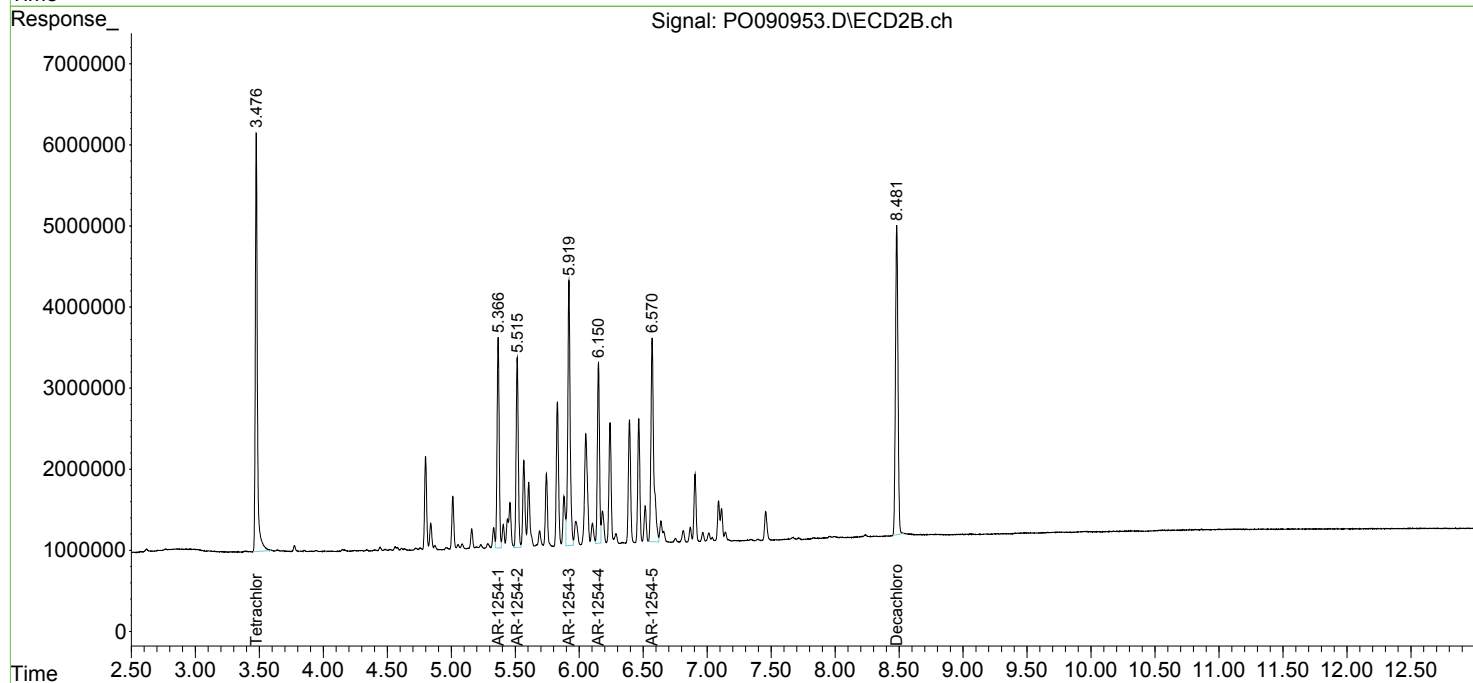
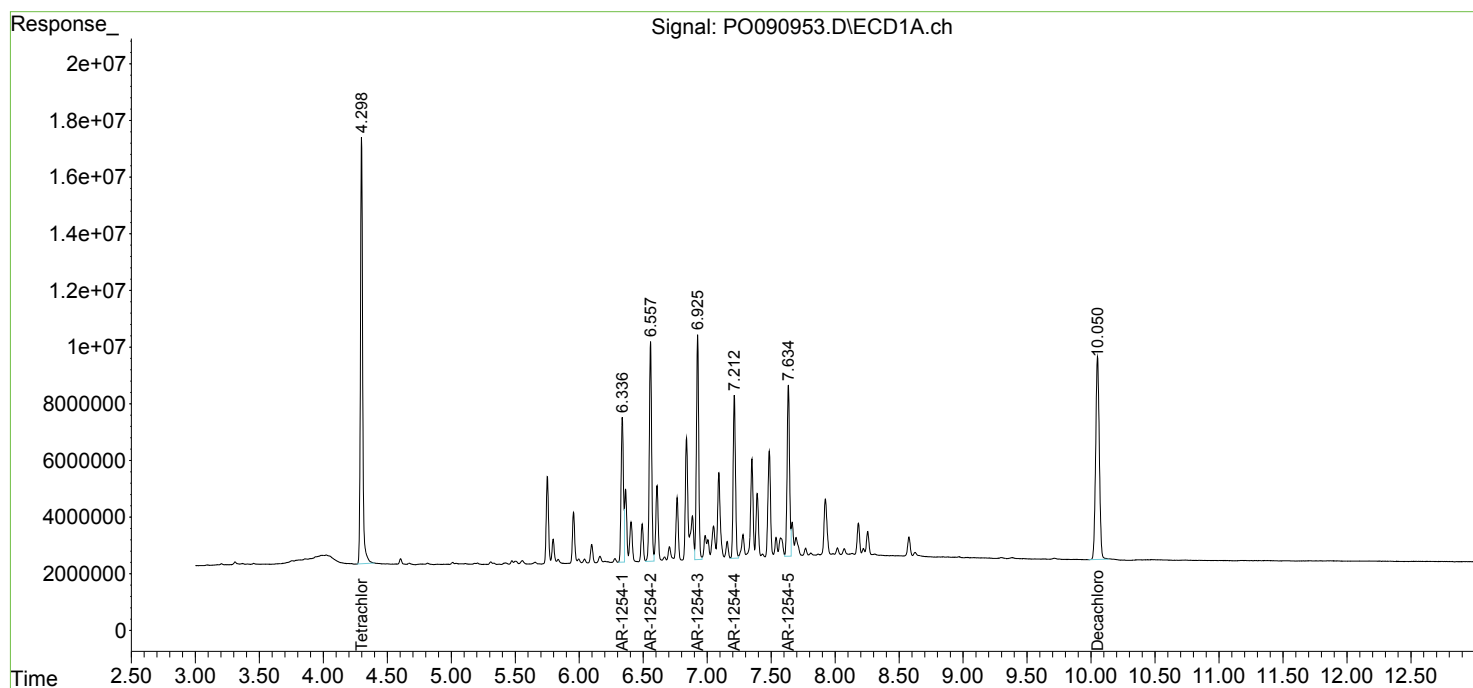
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 02:05
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:10:43 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:07:19 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090956.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 02:56
 Operator : YP/AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:39:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:37:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	172.0E6	54928955	50.000	50.000
2) SA Decachlor...	10.051	8.481	135.5E6	49776577	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	7.712	6.609	91355288	37581300	500.000	500.000
37) L8 AR-1262-2	8.255	7.113	154.7E6	63649759	500.000	500.000
38) L8 AR-1262-3	8.566	7.397	107.8E6	26348773	500.000	500.000
39) L8 AR-1262-4	8.652	7.461	49770219	47488220	501.493m	500.000
40) L8 AR-1262-5	9.303	7.957	57715112	22803963	500.000	500.000

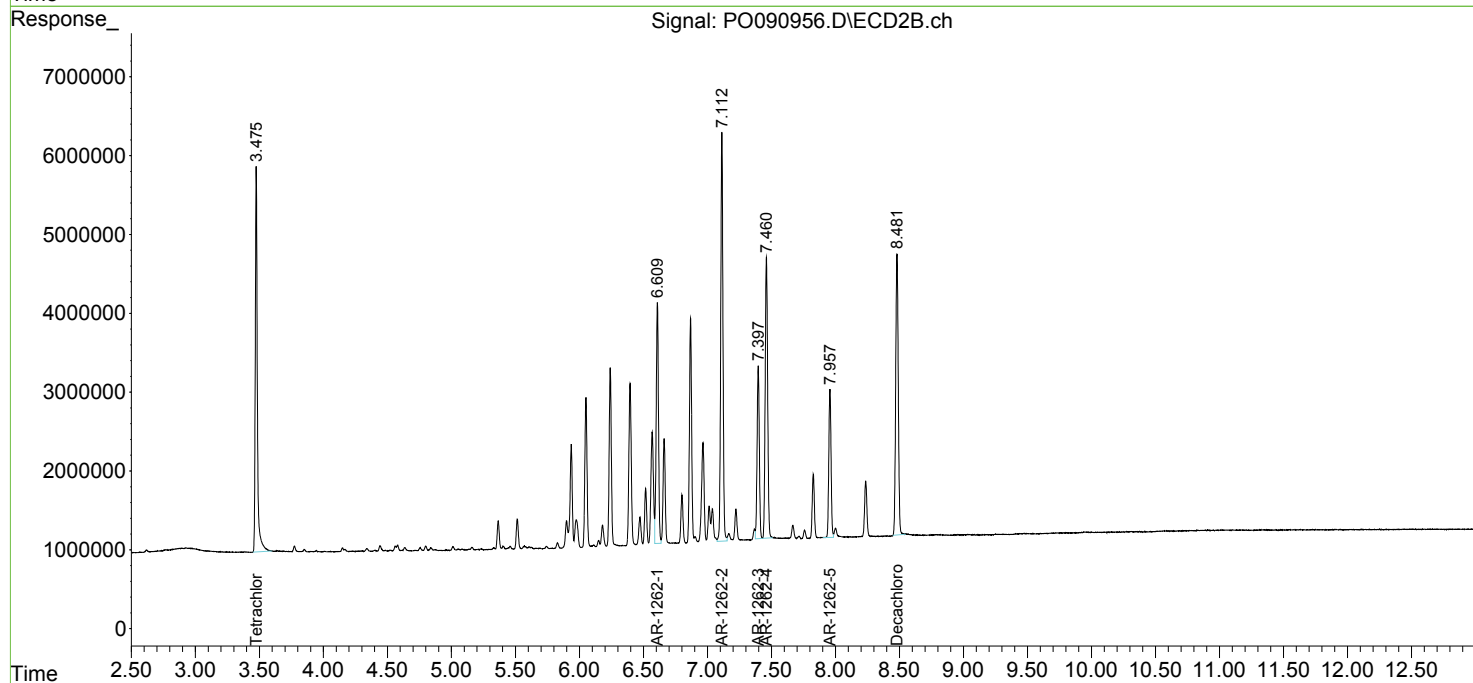
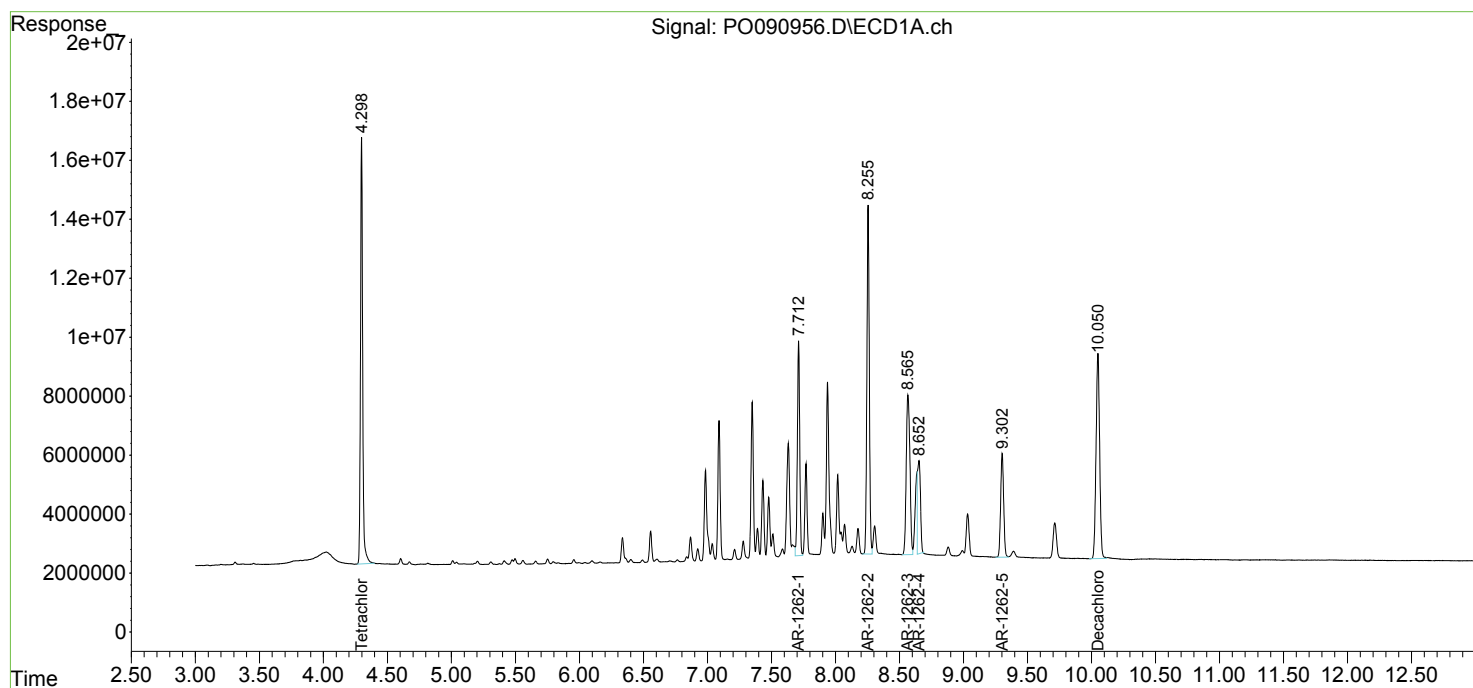
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090956.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 02:56
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:39:33 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:37:02 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090957.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 03:13
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:53:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:53:19 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.476	348.5E6	110.0E6	98.248	97.955
2) SA Decachlor...	10.051	8.481	434.7E6	157.1E6	96.441	96.160
Target Compounds						
41) L9 AR-1268-1	8.562	7.397	354.4E6	141.6E6	971.702	964.973
42) L9 AR-1268-2	8.656	7.462	321.1E6	129.2E6	970.782	972.928
43) L9 AR-1268-3	8.881	7.669	275.4E6	108.7E6	969.486	963.192
44) L9 AR-1268-4	9.303	7.958	119.2E6	46507335	964.388	950.795
45) L9 AR-1268-5	9.714	8.237	899.7E6	327.6E6	982.288	972.781

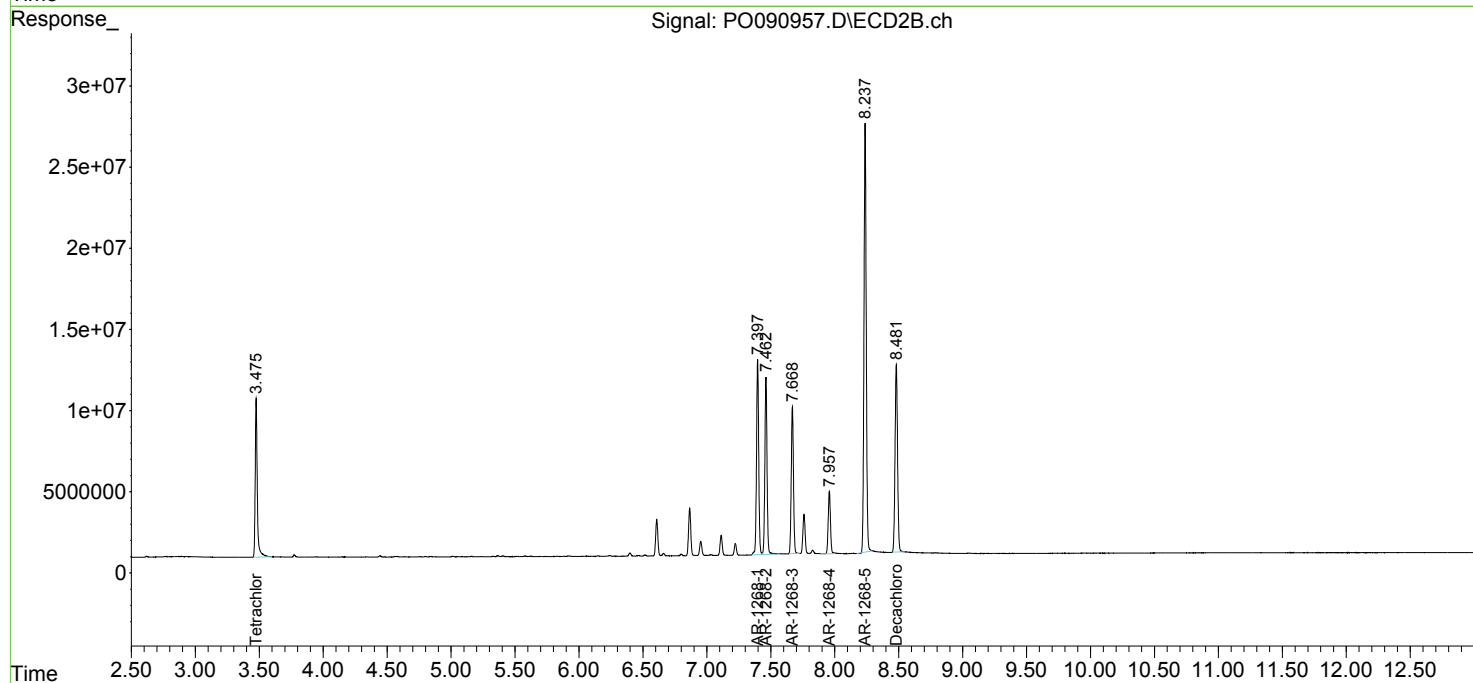
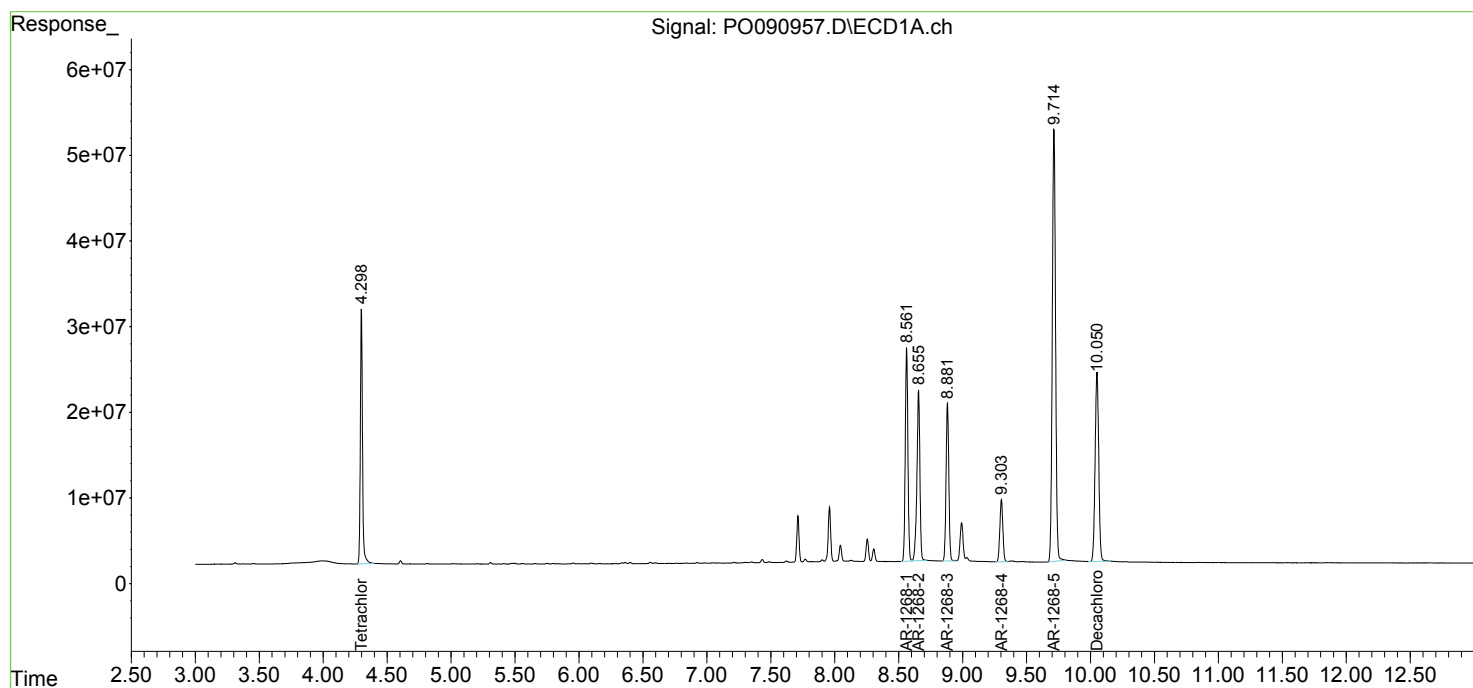
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 03:13
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:53:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:53:19 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 03:30
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:58:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:57:52 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	272.6E6	86111997	76.227	76.125
2) SA Decachlor...	10.048	8.481	344.2E6	124.0E6	75.897	75.612
Target Compounds						
41) L9 AR-1268-1	8.562	7.397	279.3E6	111.9E6	760.425	758.309
42) L9 AR-1268-2	8.656	7.461	253.0E6	102.1E6	759.780	762.715
43) L9 AR-1268-3	8.881	7.668	217.6E6	86002533	760.438	757.951
44) L9 AR-1268-4	9.302	7.957	94605549	37110231	760.256	755.765
45) L9 AR-1268-5	9.714	8.237	701.6E6	256.9E6	760.626	758.592

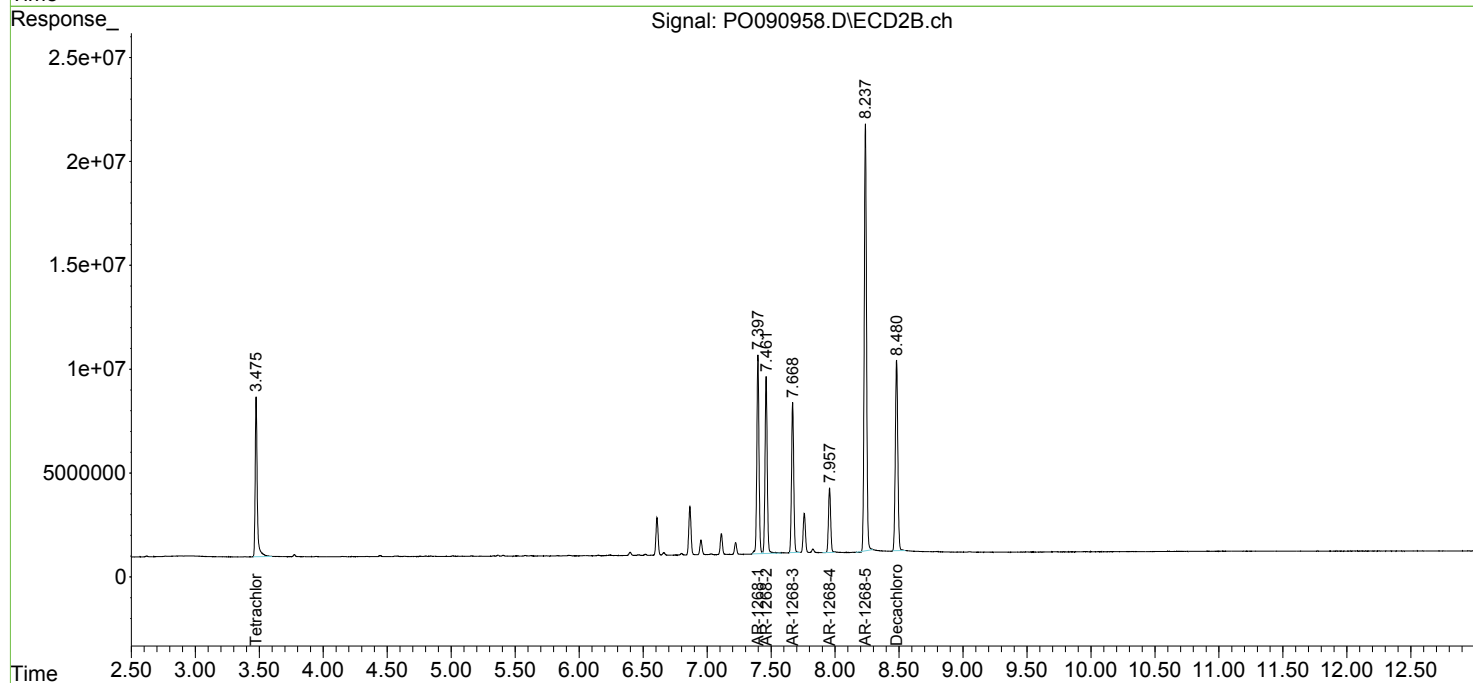
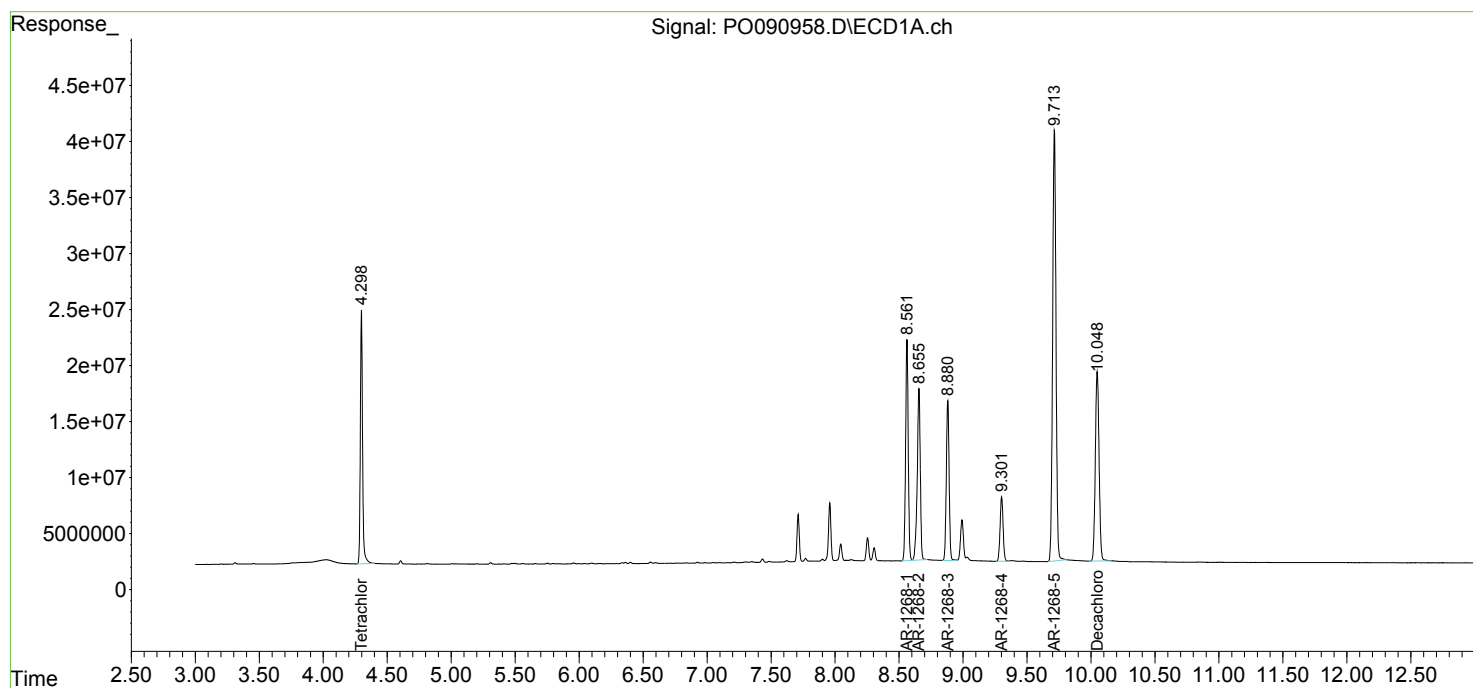
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO112522\
Data File : PO090958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 03:30
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:58:13 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:57:52 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 03:47
 Operator : YP/AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:49:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:47:01 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	180.5E6	57282933	50.000	50.000
2) SA Decachlor...	10.050	8.480	233.4E6	84823083	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.563	7.397	187.5E6	75957567	500.000	500.000
42) L9 AR-1268-2	8.655	7.461	170.2E6	68189532	500.000	500.000
43) L9 AR-1268-3	8.881	7.668	146.4E6	58510042	500.000	500.000
44) L9 AR-1268-4	9.303	7.957	63994697	25660492	500.000	500.000
45) L9 AR-1268-5	9.714	8.237	466.1E6	173.0E6	500.000	500.000

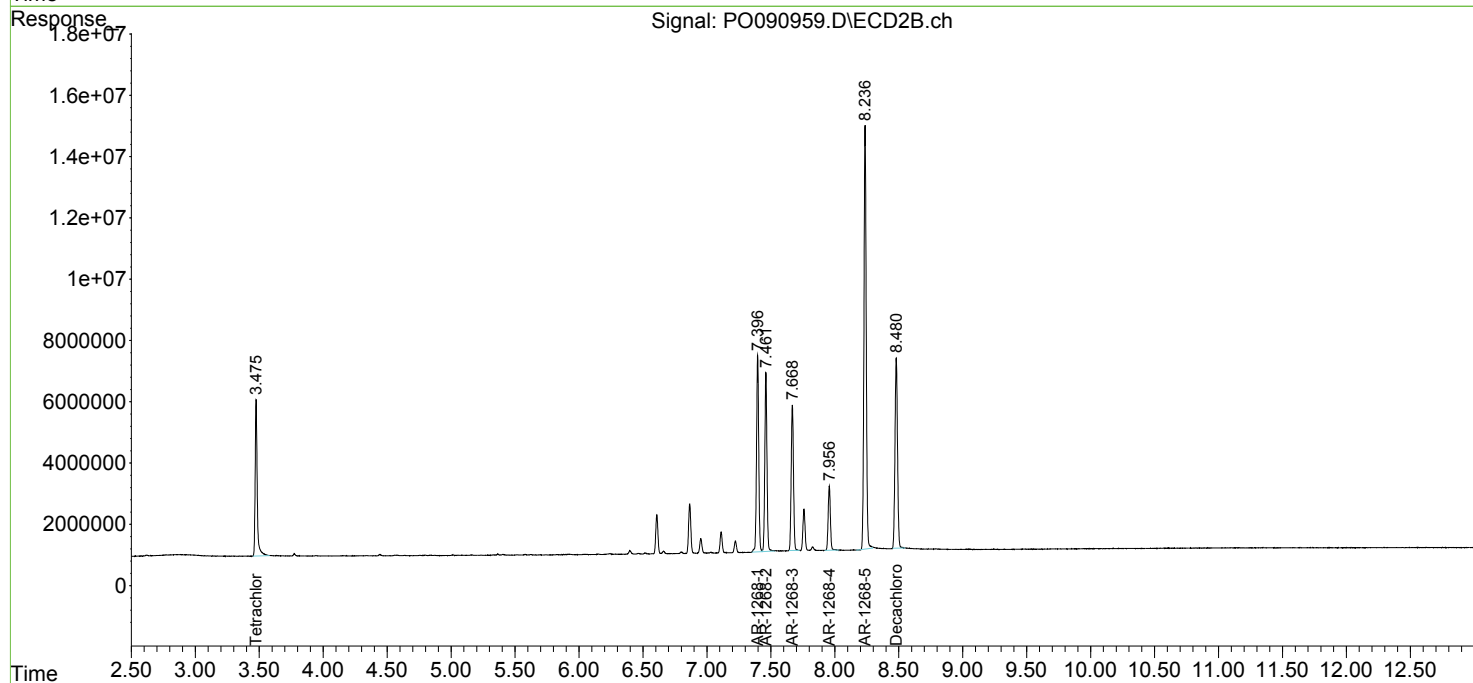
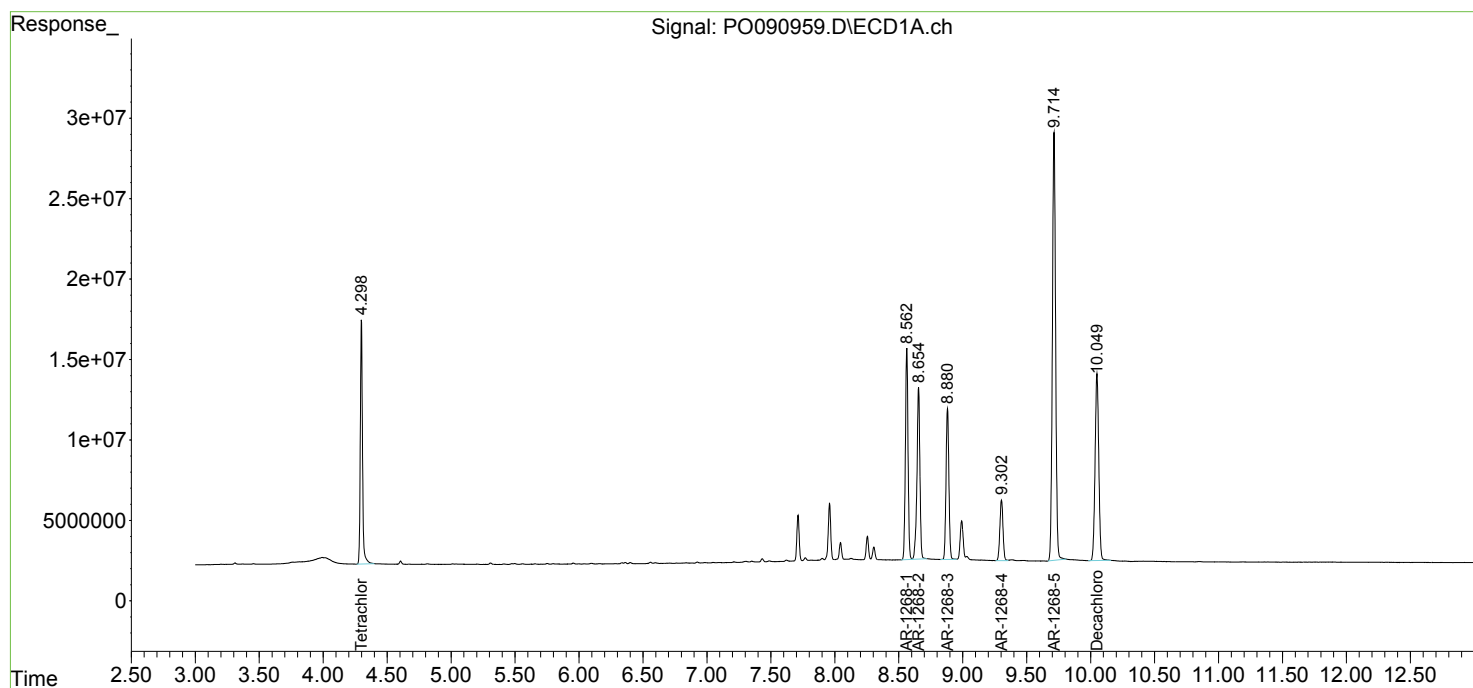
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 03:47
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:49:21 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:47:01 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 04:04
 Operator : YP/AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 07:00:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 07:00:16 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.299	3.475	90987110	28710313	25.330	25.284
2) SA Decachlor...	10.052	8.481	122.4E6	45167623	26.459	26.854
Target Compounds						
41) L9 AR-1268-1	8.562	7.397	97359607	39127756	261.161	261.163
42) L9 AR-1268-2	8.656	7.462	88033529	35367050	260.646	260.422
43) L9 AR-1268-3	8.882	7.669	75475530	30898930	260.209	266.372
44) L9 AR-1268-4	9.304	7.958	33073831	13299727	261.654	265.321
45) L9 AR-1268-5	9.716	8.237	237.3E6	88541331	255.399	258.476

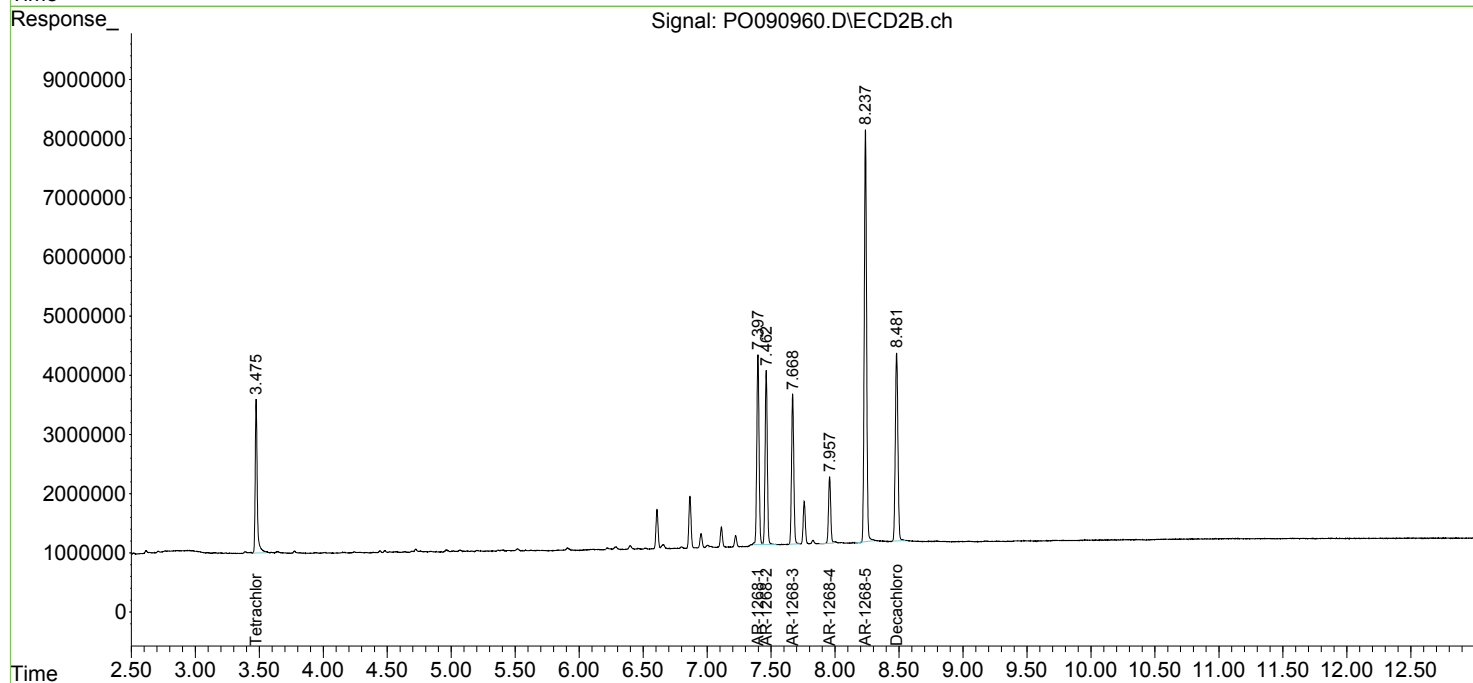
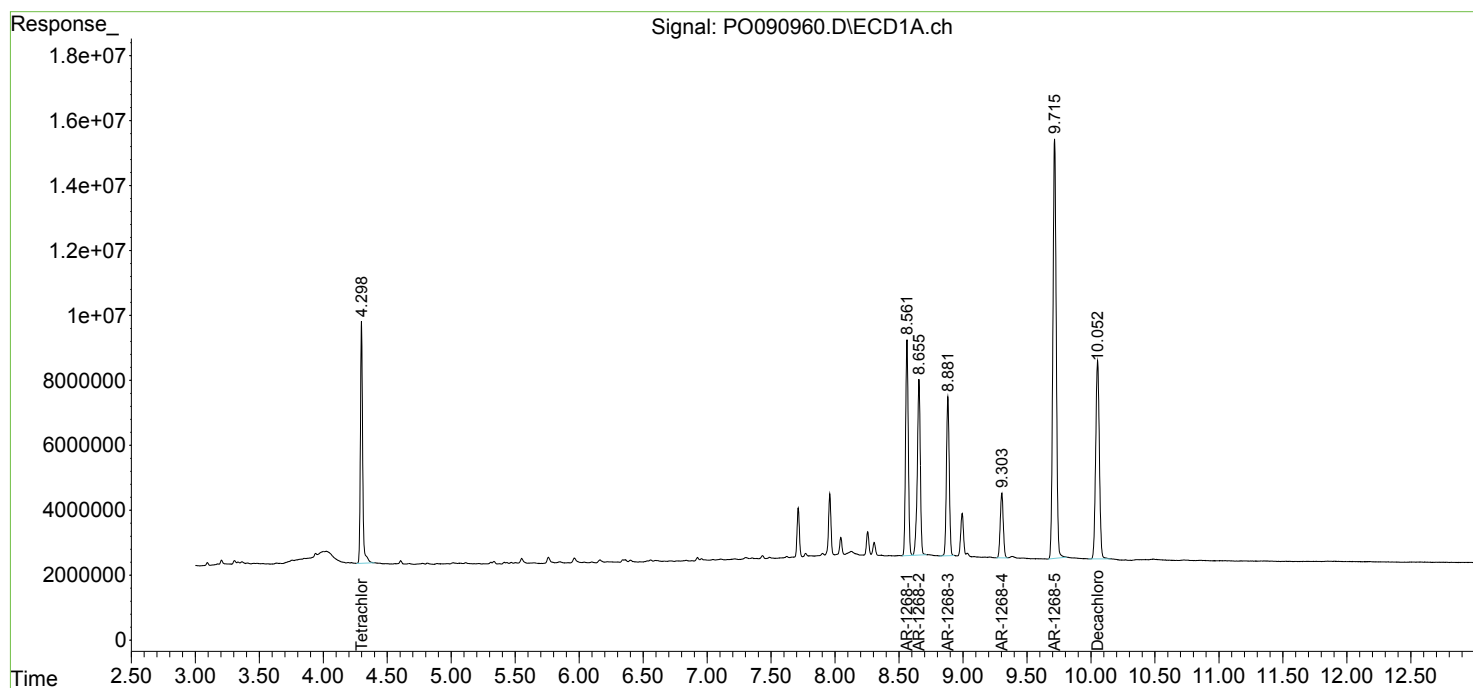
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO112522\
Data File : PO090960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 04:04
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 07:00:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 07:00:16 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 04:21
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 07:02:27 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 07:02:19 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	15340640	4635230	4.399	4.238
2) SA Decachlor...	10.049	8.479	22184384	8373436	4.836	4.983
Target Compounds						
41) L9 AR-1268-1	8.561	7.396	17500181	7326839	47.524	49.119
42) L9 AR-1268-2	8.655	7.461	15580589	6431555	46.856	47.864
43) L9 AR-1268-3	8.880	7.668	13213669	5655082	46.380	48.996
44) L9 AR-1268-4	9.301	7.956	5580107	2308084	45.204	46.785
45) L9 AR-1268-5	9.712	8.237	41668578	16135158	45.791	47.655

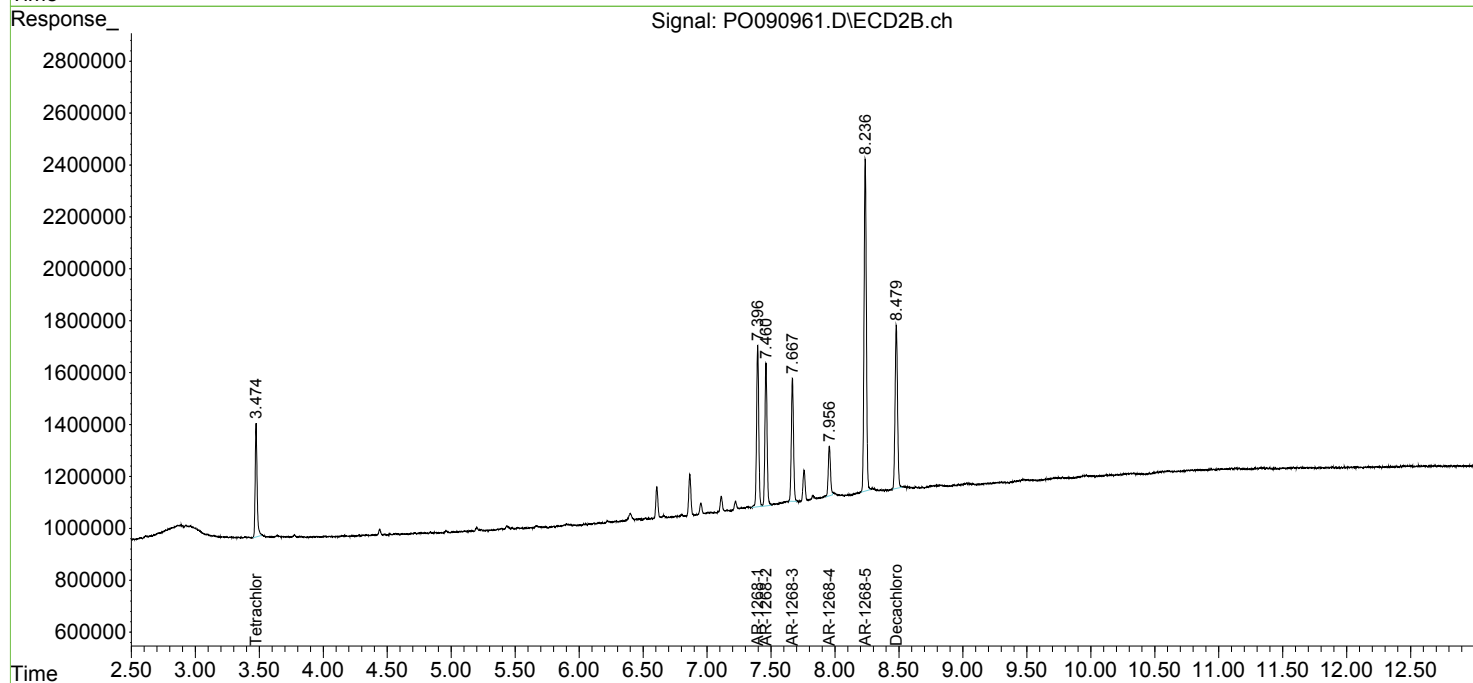
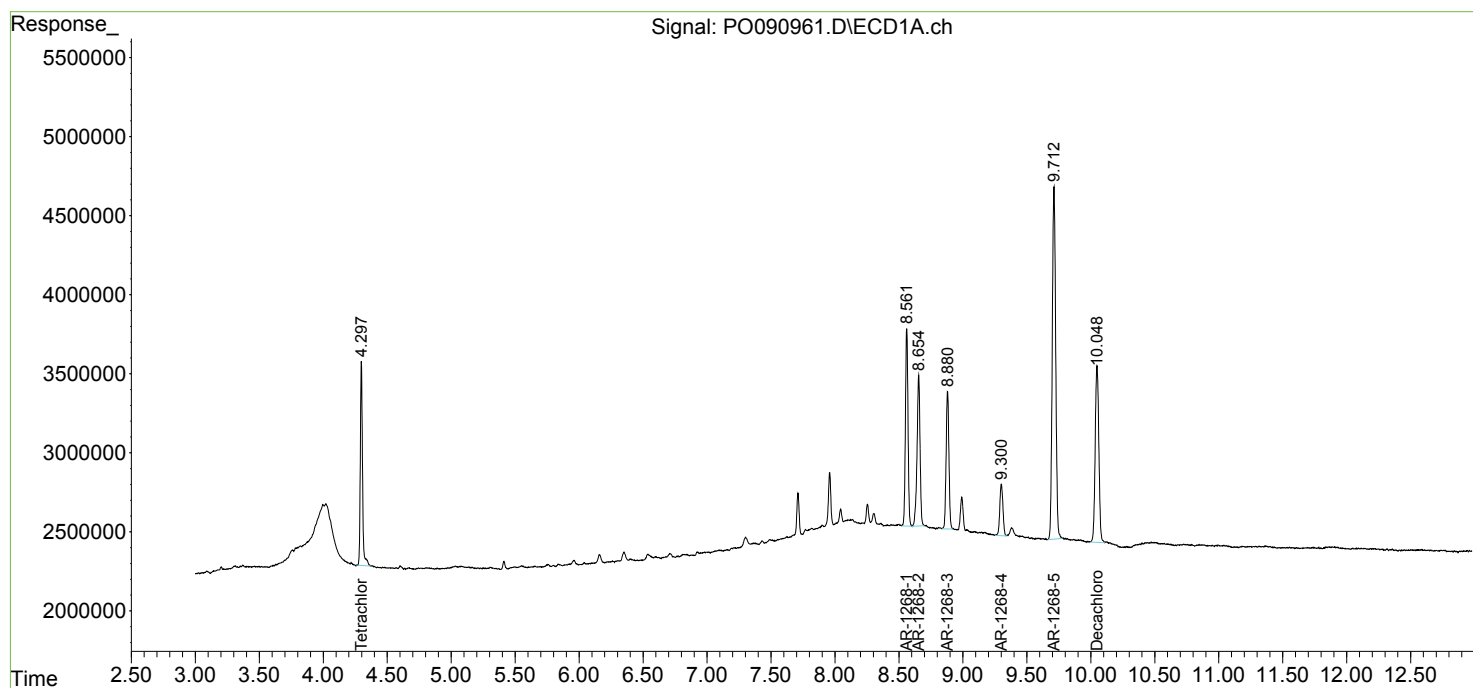
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090961.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 04:21
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 07:02:27 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 07:02:19 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090962.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 04:38
 Operator : YP/AJ
 Sample : PO112522ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO112522

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:12:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:10:54 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	178.1E6	53239254	52.661	50.725
2) SA Decachlor...	10.049	8.481	139.2E6	50988286	52.403	52.518
Target Compounds						
3) L1 AR-1016-1	5.475	4.561	59100143	19147209	525.181	519.571
4) L1 AR-1016-2	5.497	4.580	85113302	26657364	523.521	517.325
5) L1 AR-1016-3	5.559	4.755	53291010	14493024	511.137	532.529
6) L1 AR-1016-4	5.658	4.799	42431561	12293044	523.637	531.810
7) L1 AR-1016-5	5.956	5.012	43925075	15609474	500.887	529.195
31) L7 AR-1260-1	7.091	6.051	78739269	29962050	513.271	517.460
32) L7 AR-1260-2	7.351	6.241	89953949	35530043	515.368	520.312
33) L7 AR-1260-3	7.712	6.394	59195038	33260936	520.744	507.080
34) L7 AR-1260-4	7.938	6.868	70016903	24834703	516.696	519.990
35) L7 AR-1260-5	8.255	7.113	129.4E6	55867806	509.634	513.905

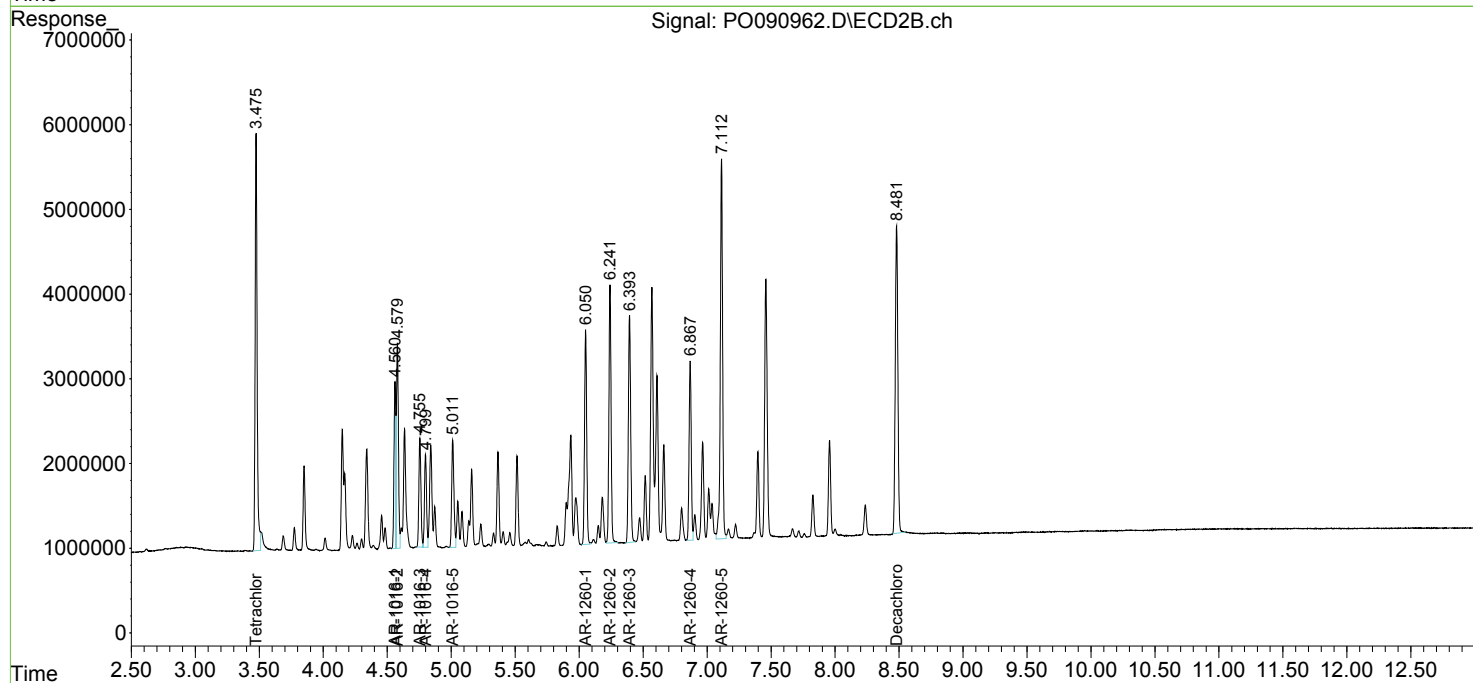
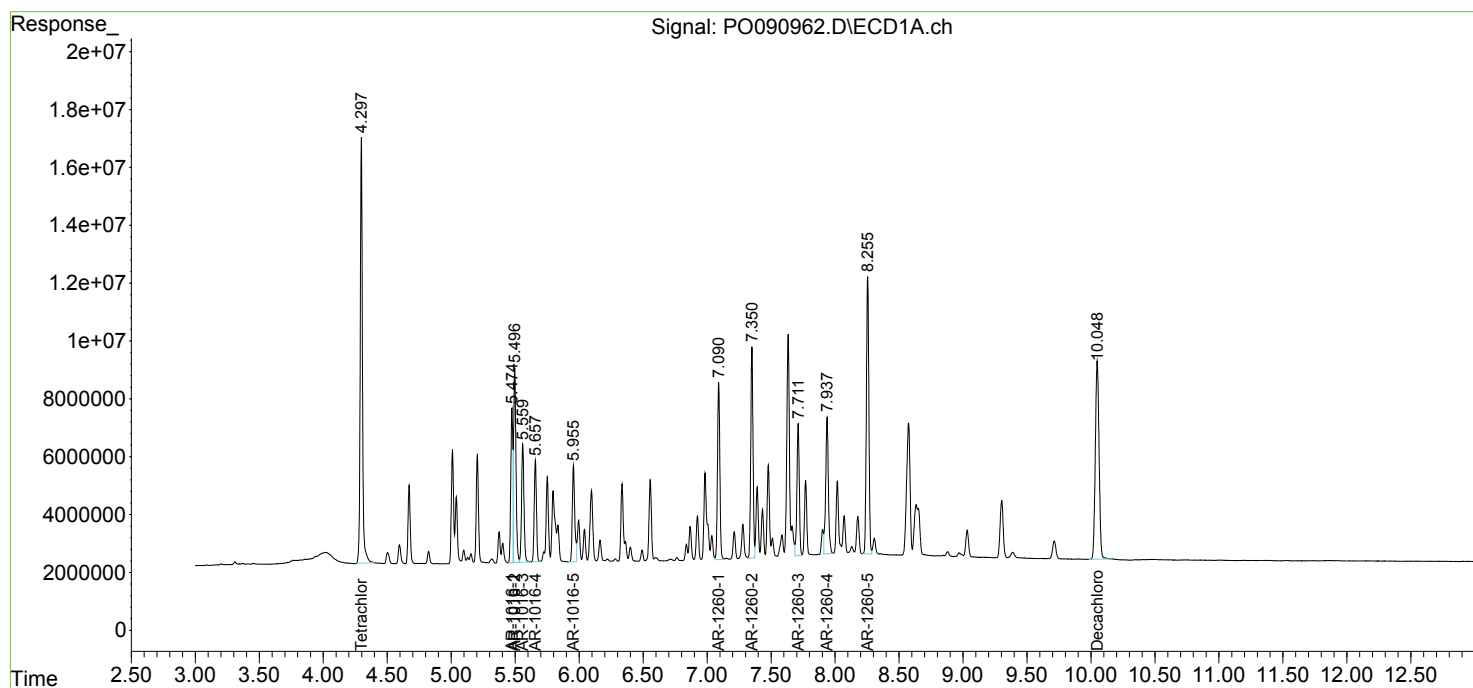
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090962.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 04:38
Operator : YP/AJ
Sample : PO112522ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO112522

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:12:02 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:10:54 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 04:55
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO112522AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 05:46:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 05:45:12 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	180.2E6	58747215	51.690	52.800
2) SA Decachlor...	10.049	8.481	140.8E6	51897443	51.695	51.788
Target Compounds						
16) L4 AR-1242-1	5.474	4.561	45703302	15113380	512.040	520.494
17) L4 AR-1242-2	5.497	4.580	65082350	20941856	512.586	519.518
18) L4 AR-1242-3	5.559	4.755	41184432	11461410	494.053	548.060
19) L4 AR-1242-4	5.657	4.840	32815468	12258478	516.569	536.848
20) L4 AR-1242-5	6.400	5.365	34024964	15029379	497.942	532.671

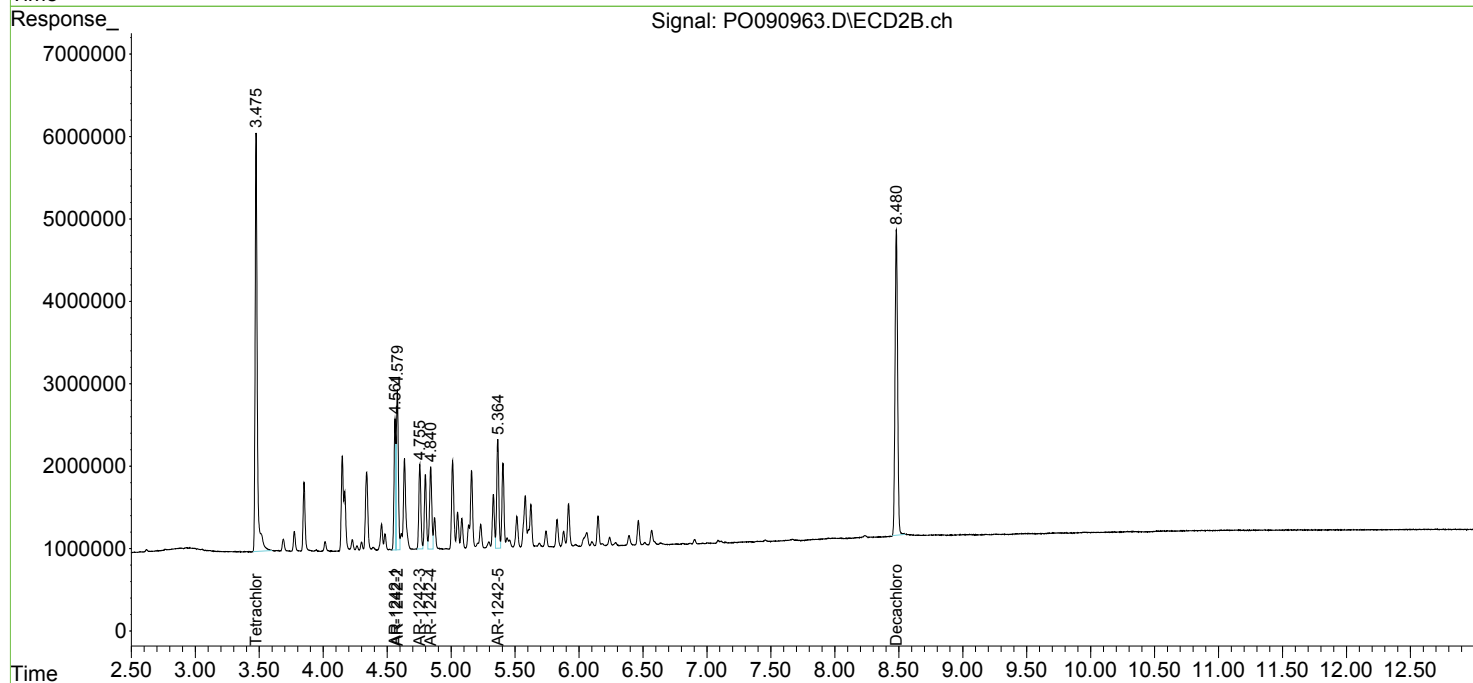
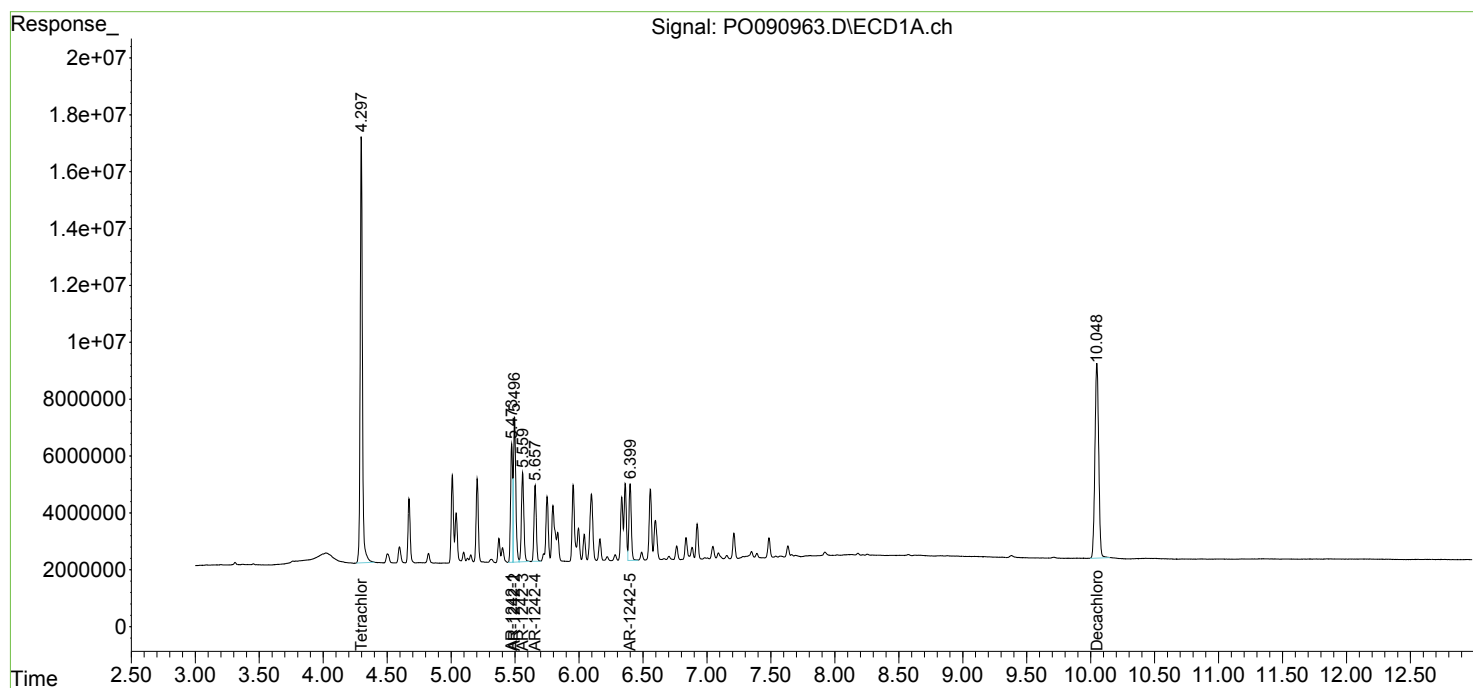
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 04:55
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO112522AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 05:46:05 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 05:45:12 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090964.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 05:12
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO112522AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 06:04:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 06:02:29 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	184.1E6	58517412	52.477	52.479
2) SA Decachlor...	10.048	8.480	144.3E6	52380994	52.024	51.286
Target Compounds						
21) L5 AR-1248-1	5.474	4.561	37022759	12207999	519.741	518.920
22) L5 AR-1248-2	5.750	4.799	53669249	17199736	506.270	525.345
23) L5 AR-1248-3	5.955	4.840	57644965	17654881	489.839	520.182
24) L5 AR-1248-4	6.362	5.012	60841107	20680398	497.523	518.275
25) L5 AR-1248-5	6.400	5.406	58831066	19000622	512.928	530.077

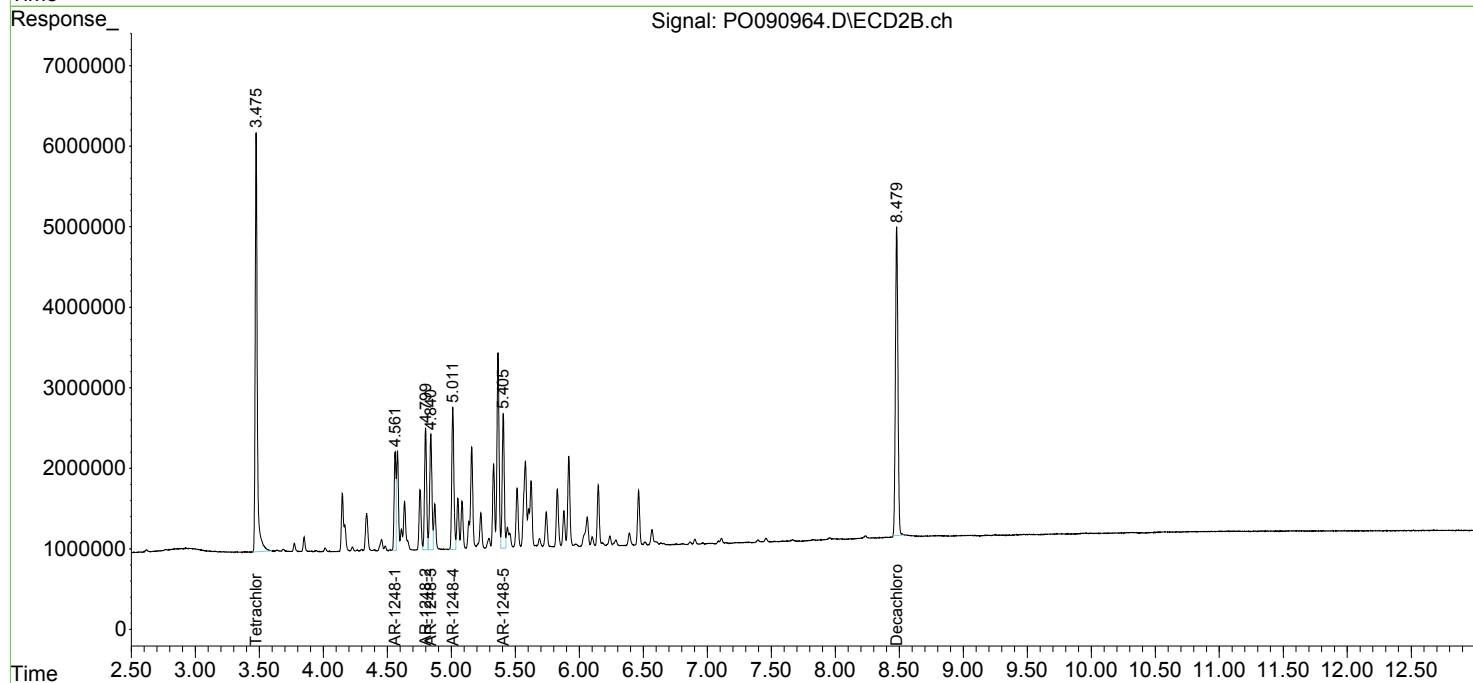
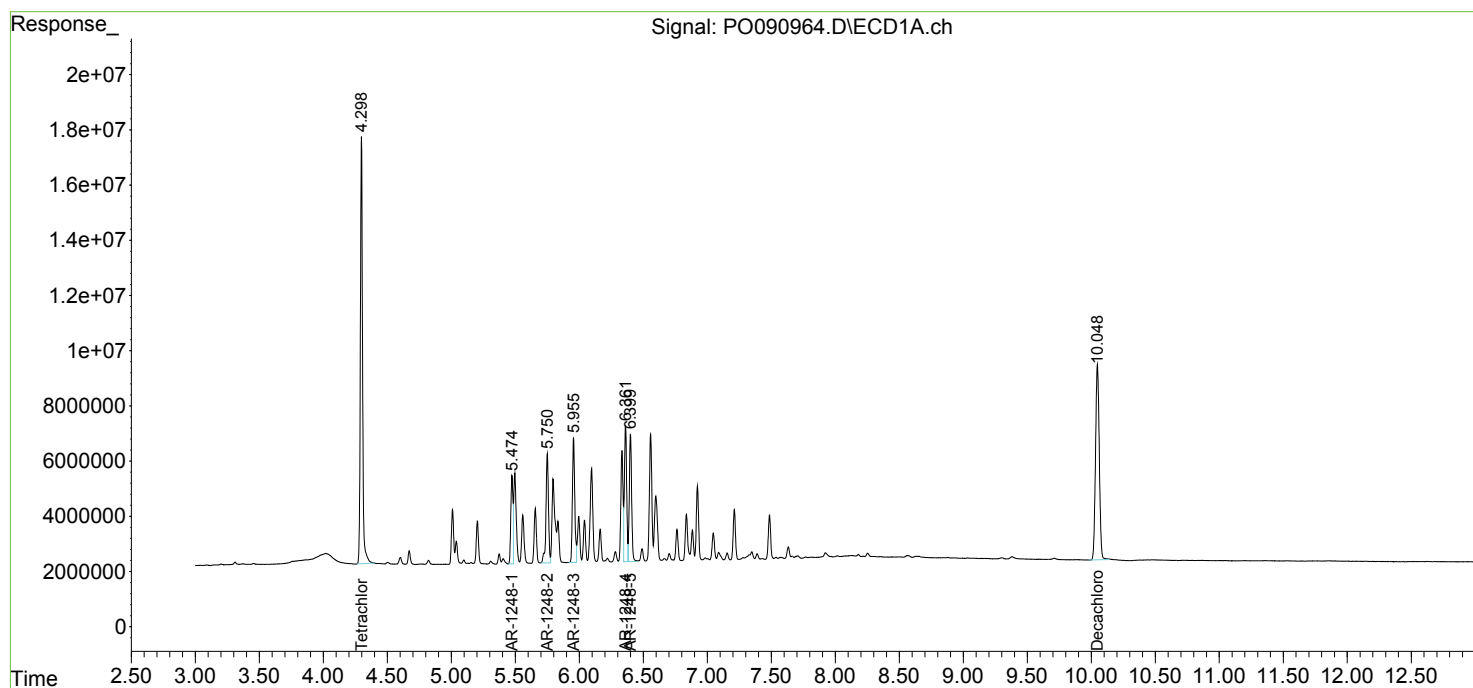
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090964.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 05:12
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO112522AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 06:04:12 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 06:02:29 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090965.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 05:29
 Operator : YP/AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO112522AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 28 00:04:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 00:03:28 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	181.1E6	57507686	53.549	54.792
2) SA Decachlor...	10.051	8.481	141.7E6	51972875	53.351	53.532
Target Compounds						
26) L6 AR-1254-1	6.337	5.366	63993769	29811977	495.099	501.740
27) L6 AR-1254-2	6.557	5.515	96000093	27061222	487.291	498.333
28) L6 AR-1254-3	6.925	5.919	96864055	41643074	492.968	496.799
29) L6 AR-1254-4	7.213	6.150	71670407	25075628	495.689	493.117
30) L6 AR-1254-5	7.635	6.569	80197473	38415113	497.470	500.226

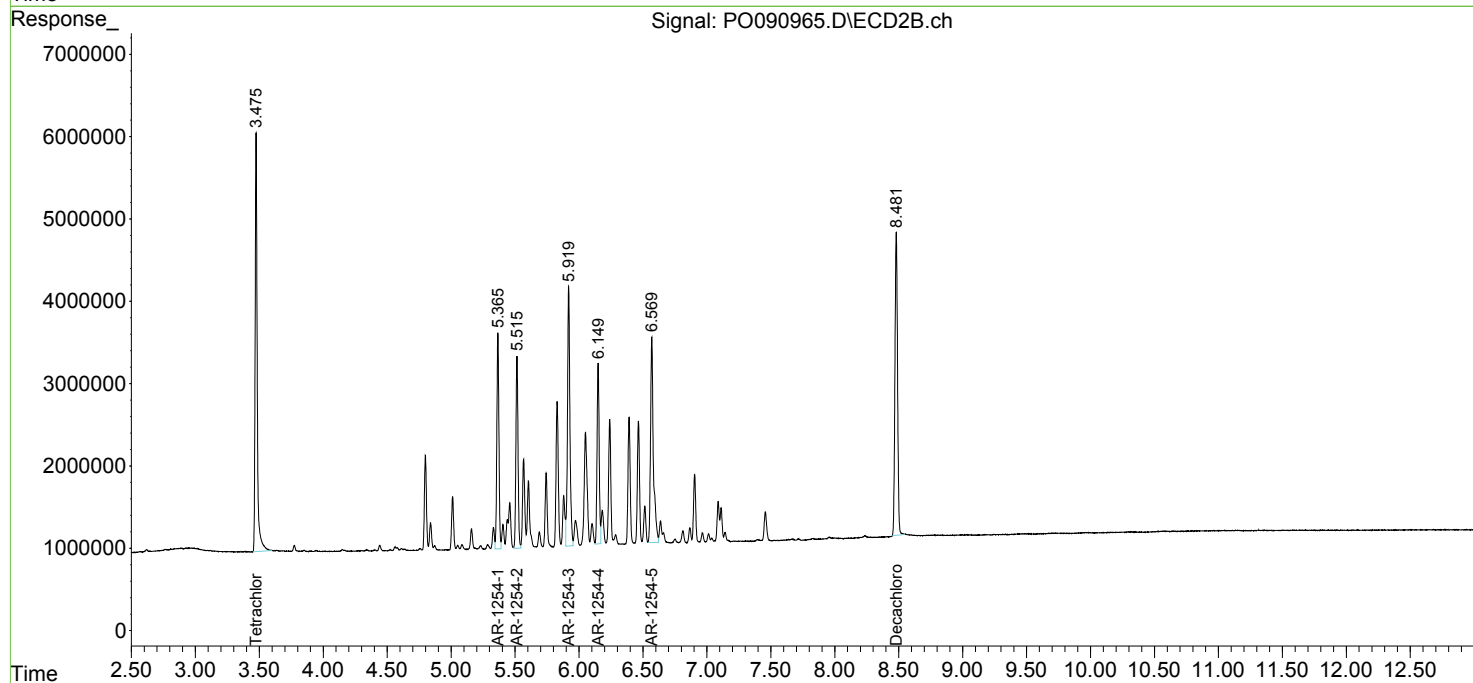
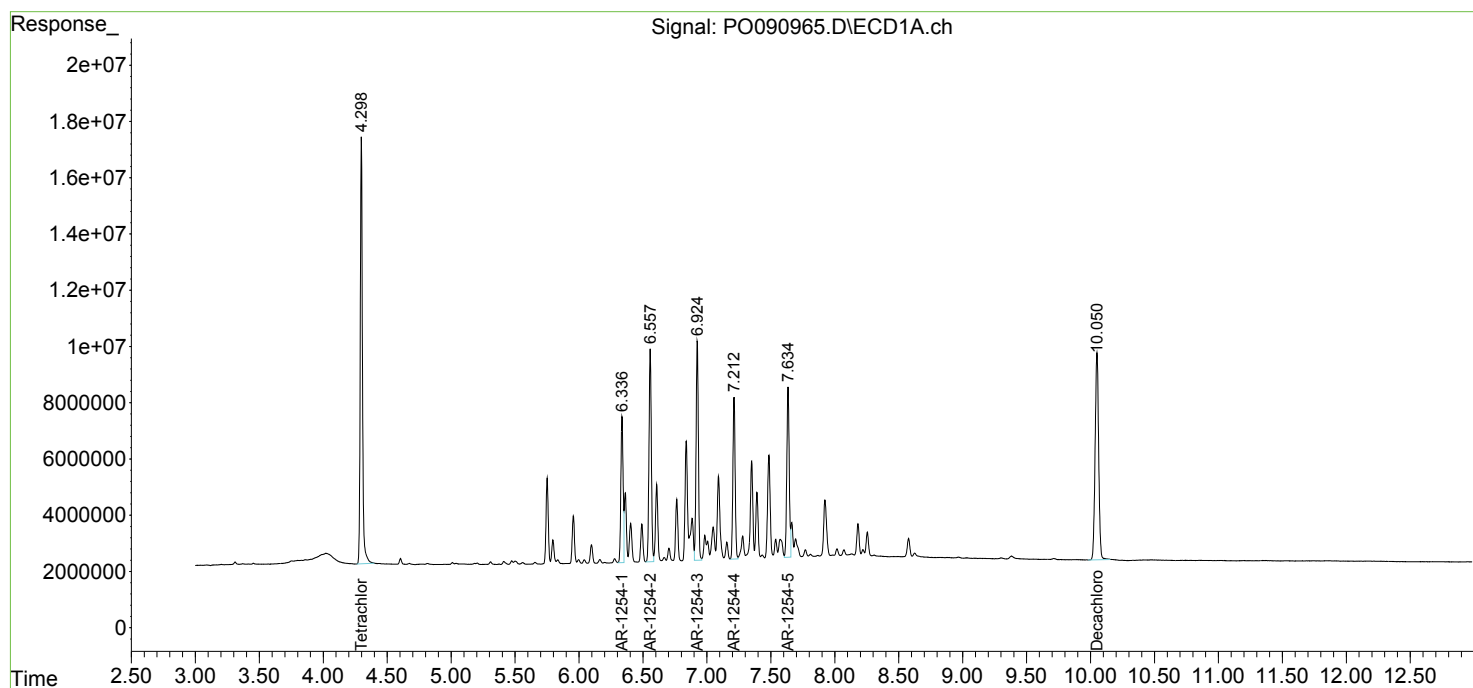
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090965.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 05:29
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO112522AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:04:31 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 00:03:28 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
 Data File : PO090966.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Nov 2022 05:46
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO112522AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 26 07:04:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 26 07:03:53 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.298	3.475	182.9E6	58303952	52.460	53.304
2) SA Decachlor...	10.051	8.481	236.2E6	85656253	51.498	50.970
Target Compounds						
41) L9 AR-1268-1	8.562	7.397	190.3E6	76656827	516.804	513.908
42) L9 AR-1268-2	8.655	7.461	172.9E6	69528861	519.829	517.437
43) L9 AR-1268-3	8.882	7.668	148.6E6	59050829	521.467	511.618
44) L9 AR-1268-4	9.303	7.957	65017200	26484128	526.699	536.835
45) L9 AR-1268-5	9.713	8.237	472.2E6	173.8E6	518.875	513.271

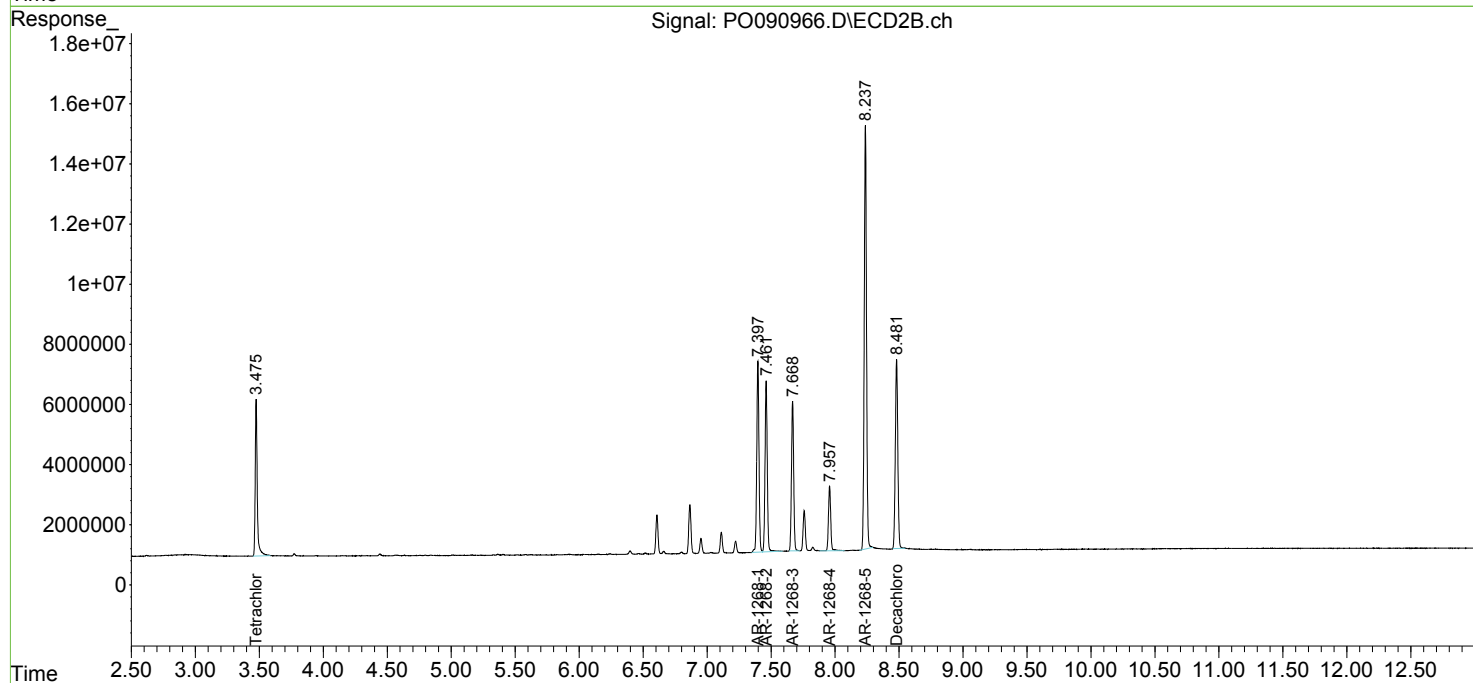
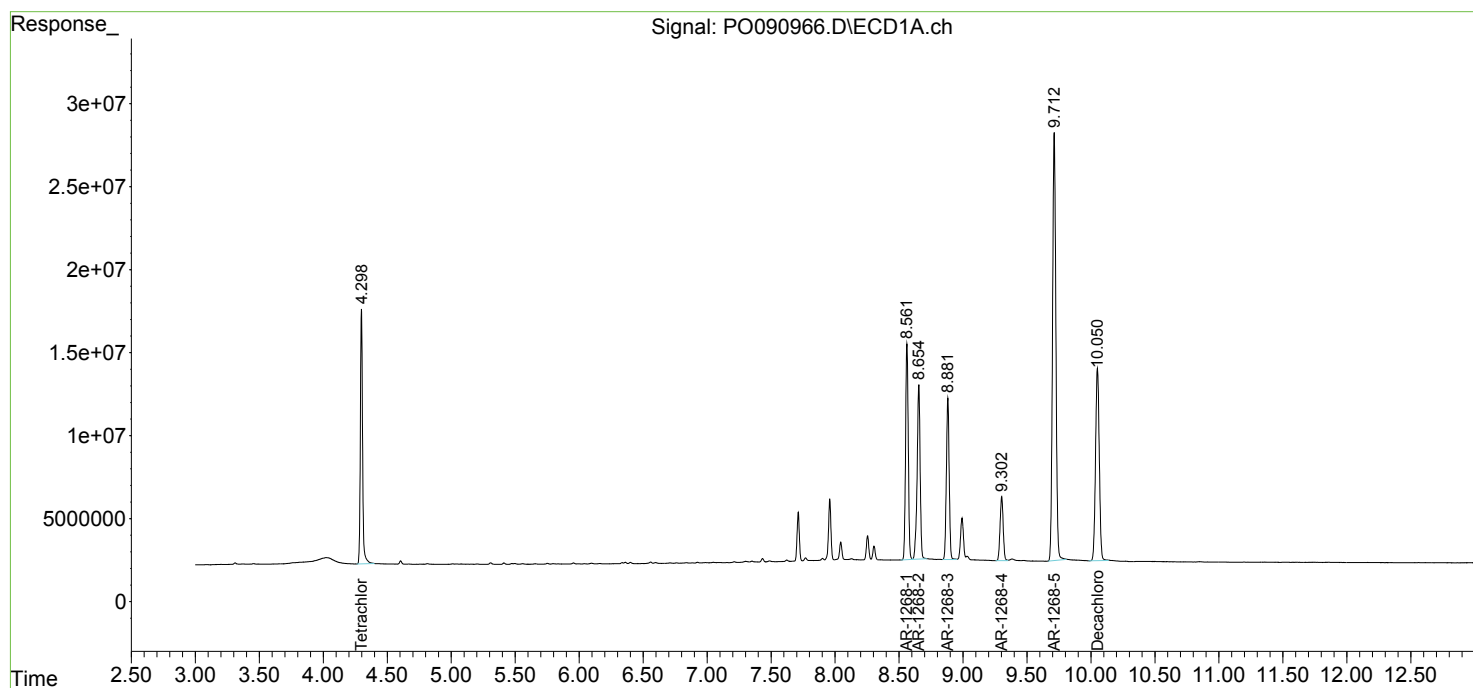
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090966.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Nov 2022 05:46
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO112522AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 26 07:04:32 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Nov 26 07:03:53 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992Continuing Calib Date: 12/13/2022 Initial Calibration Date(s): 11/25/2022 11/26/2022Continuing Calib Time: 13:22 Initial Calibration Time(s): 20:41 04:21GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.47	5.48	5.38	5.58	0.01
Aroclor-1016-2	(2)	5.50	5.50	5.40	5.60	0.01
Aroclor-1016-3	(3)	5.56	5.56	5.46	5.66	0.00
Aroclor-1016-4	(4)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-5	(5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1	(1)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-2	(2)	7.35	7.35	7.25	7.45	0.00
Aroclor-1260-3	(3)	7.71	7.71	7.61	7.81	0.00
Aroclor-1260-4	(4)	7.94	7.94	7.84	8.04	0.01
Aroclor-1260-5	(5)	8.25	8.26	8.16	8.36	0.01
Tetrachloro-m-xylene		4.30	4.30	4.20	4.40	0.00
Decachlorobiphenyl		10.04	10.05	9.95	10.15	0.01



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Continuing Calib Date: 12/13/2022 Initial Calibration Date(s): 11/25/2022 11/26/2022

Continuing Calib Time: 13:22 Initial Calibration Time(s): 20:41 04:21

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1 (1)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-2 (2)	4.58	4.58	4.48	4.68	0.00
Aroclor-1016-3 (3)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-4 (4)	4.80	4.80	4.70	4.90	0.00
Aroclor-1016-5 (5)	5.01	5.01	4.91	5.11	0.00
Aroclor-1260-1 (1)	6.05	6.05	5.95	6.15	0.00
Aroclor-1260-2 (2)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-3 (3)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-4 (4)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-5 (5)	7.11	7.11	7.01	7.21	0.00
Tetrachloro-m-xylene	3.47	3.48	3.38	3.58	0.01
Decachlorobiphenyl	8.47	8.48	8.38	8.58	0.01



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/25/2022 11/25/2022

Client Sample No.: CCAL01 Date Analyzed: 12/13/2022

Lab Sample No.: AR1660CCC500 Data File : PO091297.D Time Analyzed: 13:22

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.473	5.375	5.575	460.160	500.000	-8.0
Aroclor-1016-2	5.495	5.397	5.597	455.230	500.000	-9.0
Aroclor-1016-3	5.557	5.459	5.659	445.330	500.000	-10.9
Aroclor-1016-4	5.656	5.558	5.758	454.990	500.000	-9.0
Aroclor-1016-5	5.954	5.856	6.056	436.880	500.000	-12.6
Aroclor-1260-1	7.088	6.992	7.192	446.110	500.000	-10.8
Aroclor-1260-2	7.348	7.251	7.451	442.470	500.000	-11.5
Aroclor-1260-3	7.709	7.613	7.813	456.280	500.000	-8.7
Aroclor-1260-4	7.935	7.839	8.039	468.290	500.000	-6.3
Aroclor-1260-5	8.251	8.156	8.356	436.890	500.000	-12.6
Decachlorobiphenyl	10.044	9.950	10.150	42.680	50.000	-14.6
Tetrachloro-m-xylene	4.296	4.198	4.398	46.090	50.000	-7.8



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/25/2022 11/25/2022Client Sample No.: CCAL01 Date Analyzed: 12/13/2022Lab Sample No.: AR1660CCC500 Data File : PO091297.D Time Analyzed: 13:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.558	4.463	4.663	492.800	500.000	-1.4
Aroclor-1016-2	4.576	4.481	4.681	500.470	500.000	0.1
Aroclor-1016-3	4.752	4.657	4.857	508.450	500.000	1.7
Aroclor-1016-4	4.795	4.700	4.900	483.410	500.000	-3.3
Aroclor-1016-5	5.008	4.913	5.113	525.870	500.000	5.2
Aroclor-1260-1	6.045	5.952	6.152	496.260	500.000	-0.7
Aroclor-1260-2	6.235	6.142	6.342	497.040	500.000	-0.6
Aroclor-1260-3	6.388	6.294	6.494	477.720	500.000	-4.5
Aroclor-1260-4	6.862	6.769	6.969	492.230	500.000	-1.6
Aroclor-1260-5	7.106	7.014	7.214	487.610	500.000	-2.5
Decachlorobiphenyl	8.473	8.382	8.582	48.800	50.000	-2.4
Tetrachloro-m-xylene	3.473	3.376	3.576	48.570	50.000	-2.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091297.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 13:22
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 14:18:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.296	3.473	155.8E6	50975869	46.088	48.569
2) SA Decachlor...	10.044	8.473	113.4E6	47376022	42.681	48.797
Target Compounds						
3) L1 AR-1016-1	5.473	4.558	51783311	18160771	460.162	492.803
4) L1 AR-1016-2	5.495	4.576	74010204	25789068	455.228	500.475
5) L1 AR-1016-3	5.557	4.752	46429903	13837810	445.329	508.454
6) L1 AR-1016-4	5.656	4.795	36869096	11174176	454.992	483.406
7) L1 AR-1016-5	5.954	5.008	38312007	15511275	436.880	525.866
31) L7 AR-1260-1	7.088	6.045	68437090	28734331	446.115	496.256
32) L7 AR-1260-2	7.348	6.235	77230653	33941059	442.473	497.043
33) L7 AR-1260-3	7.709	6.388	51866574	31335380	456.275	477.724
34) L7 AR-1260-4	7.935	6.862	63457541	23509047	468.291	492.233
35) L7 AR-1260-5	8.251	7.106	111.0E6	53009072	436.889	487.609

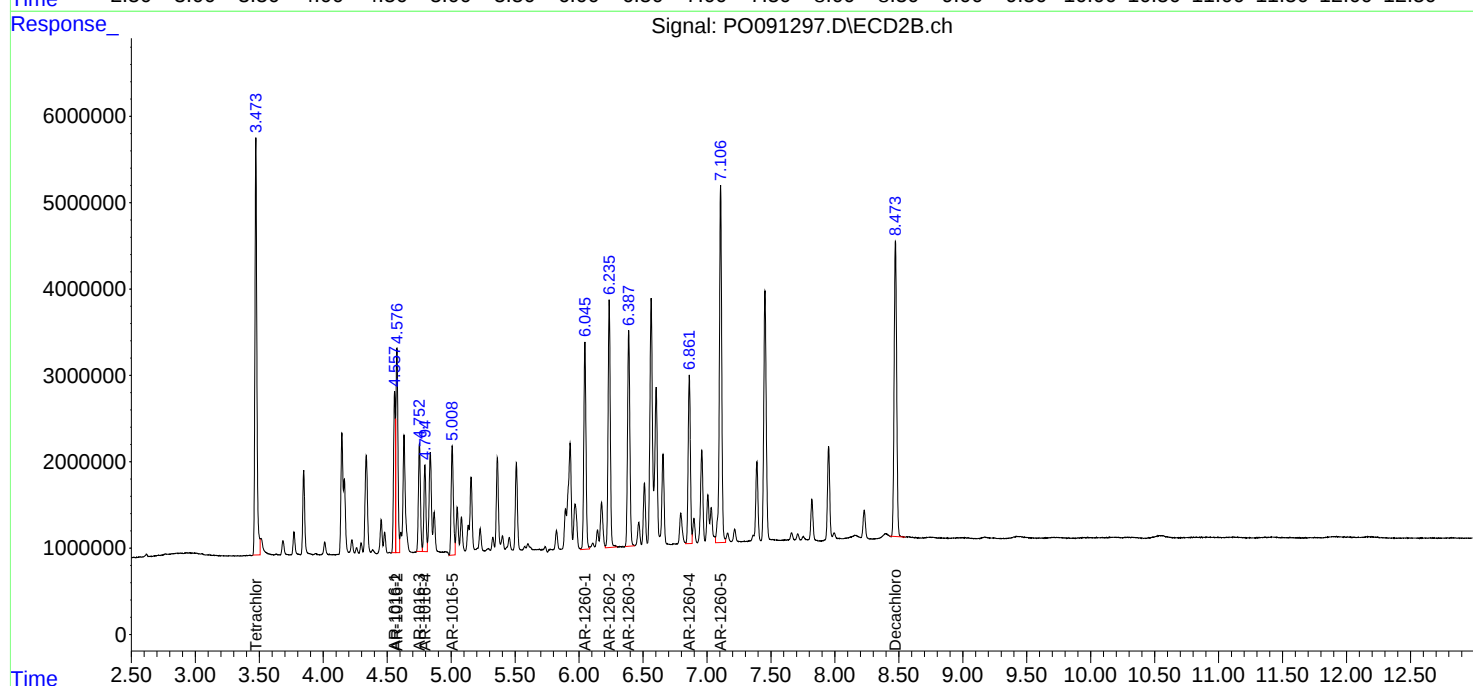
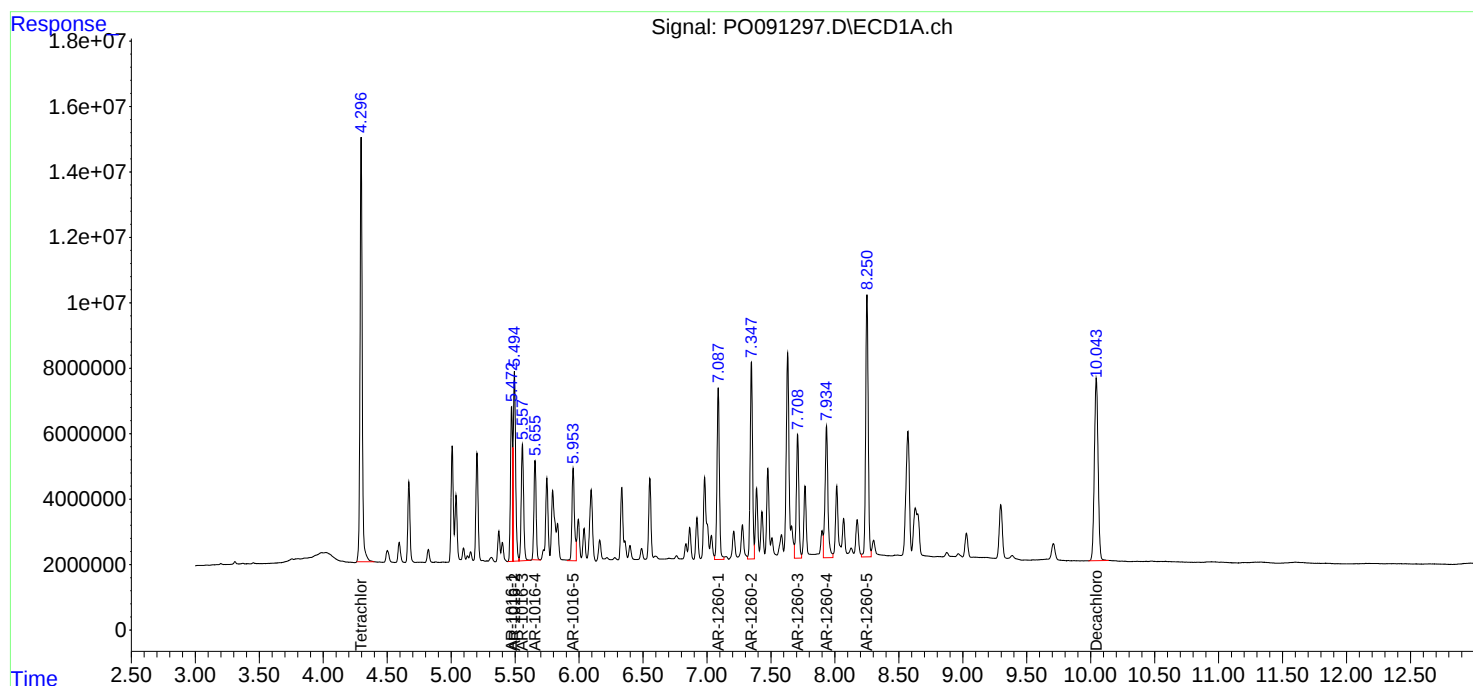
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 13:22
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 14:18:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Continuing Calib Date: 12/13/2022 Initial Calibration Date(s): 11/25/2022 11/26/2022

Continuing Calib Time: 18:34 Initial Calibration Time(s): 20:41 04:21

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1 (1)	5.47	5.48	5.38	5.58	0.01
Aroclor-1016-2 (2)	5.49	5.50	5.40	5.60	0.01
Aroclor-1016-3 (3)	5.56	5.56	5.46	5.66	0.00
Aroclor-1016-4 (4)	5.65	5.66	5.56	5.76	0.01
Aroclor-1016-5 (5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1 (1)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-2 (2)	7.35	7.35	7.25	7.45	0.01
Aroclor-1260-3 (3)	7.71	7.71	7.61	7.81	0.00
Aroclor-1260-4 (4)	7.93	7.94	7.84	8.04	0.01
Aroclor-1260-5 (5)	8.25	8.26	8.16	8.36	0.01
Tetrachloro-m-xylene	4.30	4.30	4.20	4.40	0.00
Decachlorobiphenyl	10.04	10.05	9.95	10.15	0.01



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Continuing Calib Date: 12/13/2022 Initial Calibration Date(s): 11/25/2022 11/26/2022

Continuing Calib Time: 18:34 Initial Calibration Time(s): 20:41 04:21

GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1 (1)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-2 (2)	4.58	4.58	4.48	4.68	0.01
Aroclor-1016-3 (3)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-4 (4)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-5 (5)	5.01	5.01	4.91	5.11	0.00
Aroclor-1260-1 (1)	6.04	6.05	5.95	6.15	0.01
Aroclor-1260-2 (2)	6.23	6.24	6.14	6.34	0.01
Aroclor-1260-3 (3)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-4 (4)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-5 (5)	7.11	7.11	7.01	7.21	0.00
Tetrachloro-m-xylene	3.47	3.48	3.38	3.58	0.01
Decachlorobiphenyl	8.47	8.48	8.38	8.58	0.01



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/25/2022 11/25/2022Client Sample No.: CCAL02 Date Analyzed: 12/13/2022Lab Sample No.: AR1660CCC500 Data File : PO091312.D Time Analyzed: 18:34

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.472	5.375	5.575	454.380	500.000	-9.1
Aroclor-1016-2	5.493	5.397	5.597	448.050	500.000	-10.4
Aroclor-1016-3	5.556	5.459	5.659	439.690	500.000	-12.1
Aroclor-1016-4	5.654	5.558	5.758	441.950	500.000	-11.6
Aroclor-1016-5	5.952	5.856	6.056	430.230	500.000	-14.0
Aroclor-1260-1	7.087	6.992	7.192	433.100	500.000	-13.4
Aroclor-1260-2	7.345	7.251	7.451	432.720	500.000	-13.5
Aroclor-1260-3	7.707	7.613	7.813	441.720	500.000	-11.7
Aroclor-1260-4	7.933	7.839	8.039	441.060	500.000	-11.8
Aroclor-1260-5	8.249	8.156	8.356	419.310	500.000	-16.1
Decachlorobiphenyl	10.039	9.950	10.150	41.570	50.000	-16.9
Tetrachloro-m-xylene	4.295	4.198	4.398	47.520	50.000	-5.0



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/25/2022 11/25/2022

Client Sample No.: CCAL02 Date Analyzed: 12/13/2022

Lab Sample No.: AR1660CCC500 Data File : PO091312.D Time Analyzed: 18:34

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.557	4.463	4.663	516.810	500.000	3.4
Aroclor-1016-2	4.575	4.481	4.681	524.800	500.000	5.0
Aroclor-1016-3	4.750	4.657	4.857	524.390	500.000	4.9
Aroclor-1016-4	4.794	4.700	4.900	488.750	500.000	-2.3
Aroclor-1016-5	5.008	4.913	5.113	555.270	500.000	11.1
Aroclor-1260-1	6.044	5.952	6.152	509.510	500.000	1.9
Aroclor-1260-2	6.234	6.142	6.342	505.530	500.000	1.1
Aroclor-1260-3	6.387	6.294	6.494	474.880	500.000	-5.0
Aroclor-1260-4	6.861	6.769	6.969	494.130	500.000	-1.2
Aroclor-1260-5	7.106	7.014	7.214	479.690	500.000	-4.1
Decachlorobiphenyl	8.472	8.382	8.582	48.500	50.000	-3.0
Tetrachloro-m-xylene	3.473	3.376	3.576	50.990	50.000	2.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091312.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 18:34
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 20:55:24 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.295	3.473	160.7E6	53520798	47.523	50.994
2)	SA Decachlor...	10.039	8.472	110.4E6	47086608	41.574	48.499
Target Compounds							
3)	L1 AR-1016-1	5.472	4.557	51132441	19045357	454.378	516.807
4)	L1 AR-1016-2	5.493	4.575	72843176	27042473	448.049	524.799
5)	L1 AR-1016-3	5.556	4.750	45841961	14271565	439.690	524.392
6)	L1 AR-1016-4	5.654	4.794	35812231	11297698	441.949	488.750
7)	L1 AR-1016-5	5.952	5.008	37729211	16378729	430.234	555.274 #
31)	L7 AR-1260-1	7.087	6.044	66440277	29501988	433.098	509.514
32)	L7 AR-1260-2	7.345	6.234	75528417	34520799	432.721	505.532
33)	L7 AR-1260-3	7.707	6.387	50212398	31148843	441.723	474.880
34)	L7 AR-1260-4	7.933	6.861	59767154	23599796	441.057	494.133
35)	L7 AR-1260-5	8.249	7.106	106.5E6	52148702	419.307	479.694

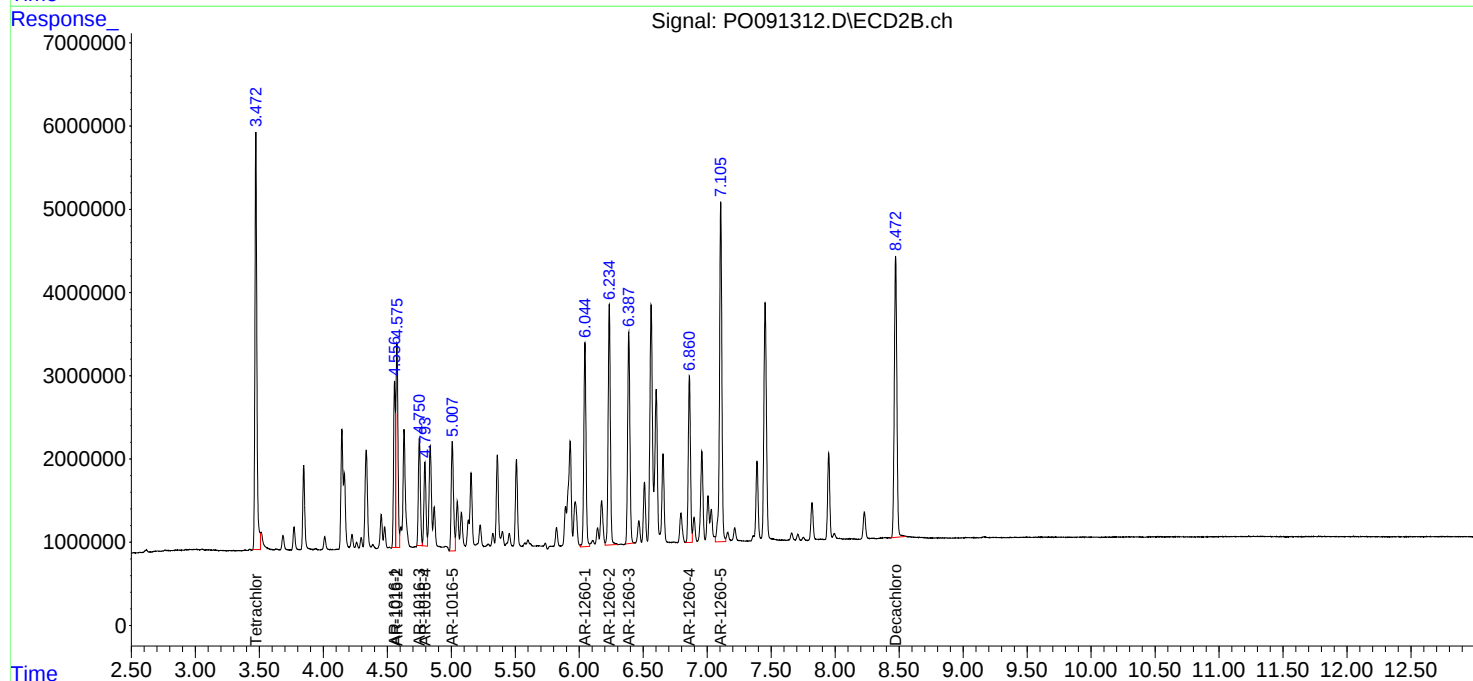
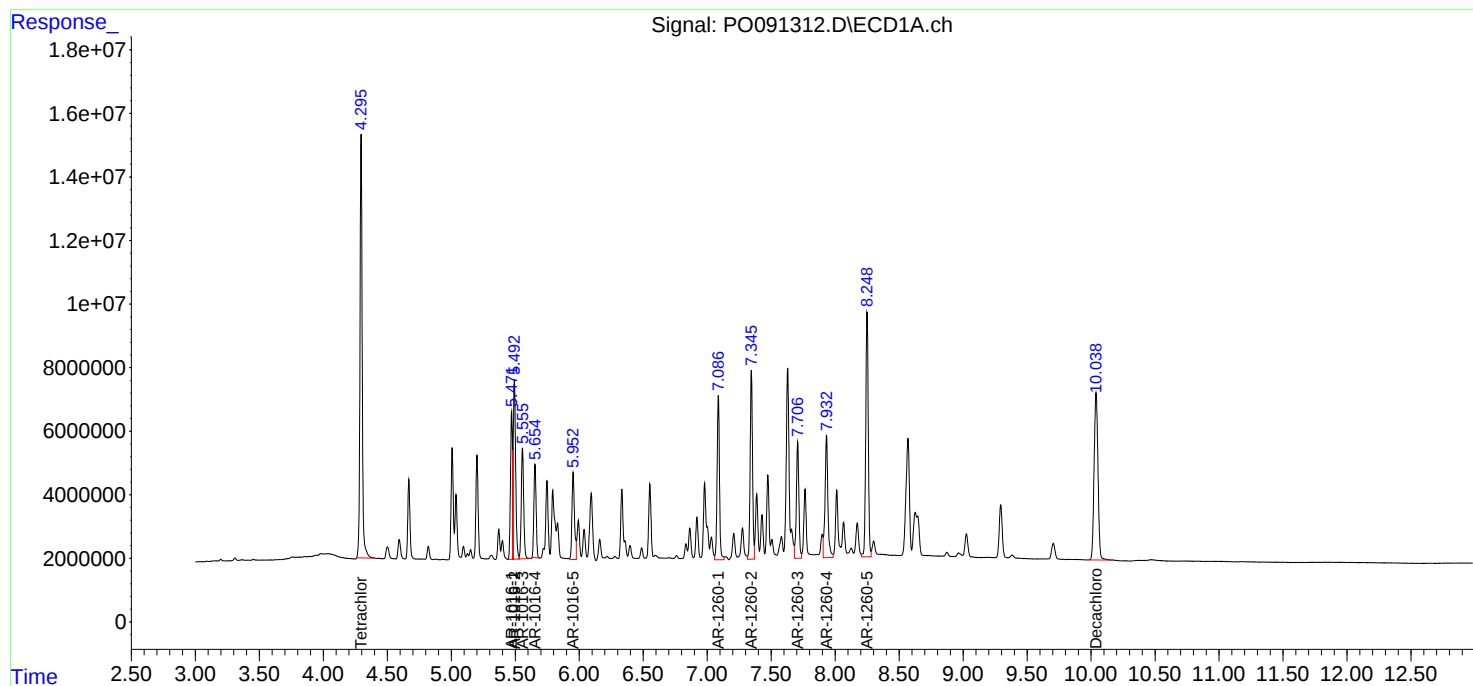
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 18:34
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:55:24 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Continuing Calib Date: 12/13/2022 Initial Calibration Date(s): 11/25/2022 11/26/2022

Continuing Calib Time: 22:10 Initial Calibration Time(s): 20:41 04:21

GC Column: ZB-MR1 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1 (1)	5.47	5.48	5.38	5.58	0.01
Aroclor-1016-2 (2)	5.49	5.50	5.40	5.60	0.01
Aroclor-1016-3 (3)	5.56	5.56	5.46	5.66	0.00
Aroclor-1016-4 (4)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-5 (5)	5.95	5.96	5.86	6.06	0.01
Aroclor-1260-1 (1)	7.09	7.09	6.99	7.19	0.00
Aroclor-1260-2 (2)	7.35	7.35	7.25	7.45	0.01
Aroclor-1260-3 (3)	7.71	7.71	7.61	7.81	0.00
Aroclor-1260-4 (4)	7.93	7.94	7.84	8.04	0.01
Aroclor-1260-5 (5)	8.25	8.26	8.16	8.36	0.01
Tetrachloro-m-xylene	4.30	4.30	4.20	4.40	0.00
Decachlorobiphenyl	10.04	10.05	9.95	10.15	0.01



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992Continuing Calib Date: 12/13/2022 Initial Calibration Date(s): 11/25/2022 11/26/2022Continuing Calib Time: 22:10 Initial Calibration Time(s): 20:41 04:21GC Column: ZB-MR2 ID: 0.32 (mm)

COMPOUND	CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1 (1)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-2 (2)	4.58	4.58	4.48	4.68	0.01
Aroclor-1016-3 (3)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-4 (4)	4.79	4.80	4.70	4.90	0.01
Aroclor-1016-5 (5)	5.01	5.01	4.91	5.11	0.00
Aroclor-1260-1 (1)	6.04	6.05	5.95	6.15	0.01
Aroclor-1260-2 (2)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-3 (3)	6.39	6.39	6.29	6.49	0.00
Aroclor-1260-4 (4)	6.86	6.87	6.77	6.97	0.01
Aroclor-1260-5 (5)	7.11	7.11	7.01	7.21	0.00
Tetrachloro-m-xylene	3.47	3.48	3.38	3.58	0.01
Decachlorobiphenyl	8.47	8.48	8.38	8.58	0.01



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992GC Column: ZB-MR1 ID: 0.32 (mm) Initi. Calib. Date(s): 11/25/2022 11/25/2022Client Sample No.: CCAL03 Date Analyzed: 12/13/2022Lab Sample No.: AR1660CCC500 Data File : PO091323.D Time Analyzed: 22:10

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.472	5.375	5.575	480.070	500.000	-4.0
Aroclor-1016-2	5.494	5.397	5.597	475.880	500.000	-4.8
Aroclor-1016-3	5.556	5.459	5.659	463.140	500.000	-7.4
Aroclor-1016-4	5.655	5.558	5.758	469.650	500.000	-6.1
Aroclor-1016-5	5.952	5.856	6.056	466.090	500.000	-6.8
Aroclor-1260-1	7.086	6.992	7.192	460.740	500.000	-7.9
Aroclor-1260-2	7.345	7.251	7.451	453.790	500.000	-9.2
Aroclor-1260-3	7.708	7.613	7.813	467.550	500.000	-6.5
Aroclor-1260-4	7.934	7.839	8.039	473.220	500.000	-5.4
Aroclor-1260-5	8.251	8.156	8.356	435.810	500.000	-12.8
Decachlorobiphenyl	10.041	9.950	10.150	43.910	50.000	-12.2
Tetrachloro-m-xylene	4.295	4.198	4.398	48.180	50.000	-3.6



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: REMI02Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 11/25/2022 11/25/2022Client Sample No.: CCAL03 Date Analyzed: 12/13/2022Lab Sample No.: AR1660CCC500 Data File : PO091323.D Time Analyzed: 22:10

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.556	4.463	4.663	520.980	500.000	4.2
Aroclor-1016-2	4.575	4.481	4.681	521.820	500.000	4.4
Aroclor-1016-3	4.750	4.657	4.857	524.140	500.000	4.8
Aroclor-1016-4	4.793	4.700	4.900	487.320	500.000	-2.5
Aroclor-1016-5	5.007	4.913	5.113	558.140	500.000	11.6
Aroclor-1260-1	6.044	5.952	6.152	527.910	500.000	5.6
Aroclor-1260-2	6.235	6.142	6.342	528.000	500.000	5.6
Aroclor-1260-3	6.387	6.294	6.494	500.320	500.000	0.1
Aroclor-1260-4	6.861	6.769	6.969	507.010	500.000	1.4
Aroclor-1260-5	7.105	7.014	7.214	503.150	500.000	0.6
Decachlorobiphenyl	8.472	8.382	8.582	50.510	50.000	1.0
Tetrachloro-m-xylene	3.472	3.376	3.576	50.710	50.000	1.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 22:10
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 03:41:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.295	3.472	162.9E6	53225402	48.178	50.712
2) SA Decachlor...	10.041	8.472	116.6E6	49040765	43.914	50.512
Target Compounds						
3) L1 AR-1016-1	5.472	4.556	54023645	19199077	480.070	520.978
4) L1 AR-1016-2	5.494	4.575	77367274	26888943	475.876	521.819
5) L1 AR-1016-3	5.556	4.750	48287267	14264720	463.144	524.141
6) L1 AR-1016-4	5.655	4.793	38057068	11264679	469.652	487.322
7) L1 AR-1016-5	5.952	5.007	40873524	16463172	466.090	558.137
31) L7 AR-1260-1	7.086	6.044	70681429	30566924	460.745	527.906
32) L7 AR-1260-2	7.345	6.235	79206451	36055269	453.793	528.004
33) L7 AR-1260-3	7.708	6.387	53148333	32817604	467.551	500.321
34) L7 AR-1260-4	7.934	6.861	64125022	24214645	473.217	507.007
35) L7 AR-1260-5	8.251	7.105	110.7E6	54699002	435.807	503.154

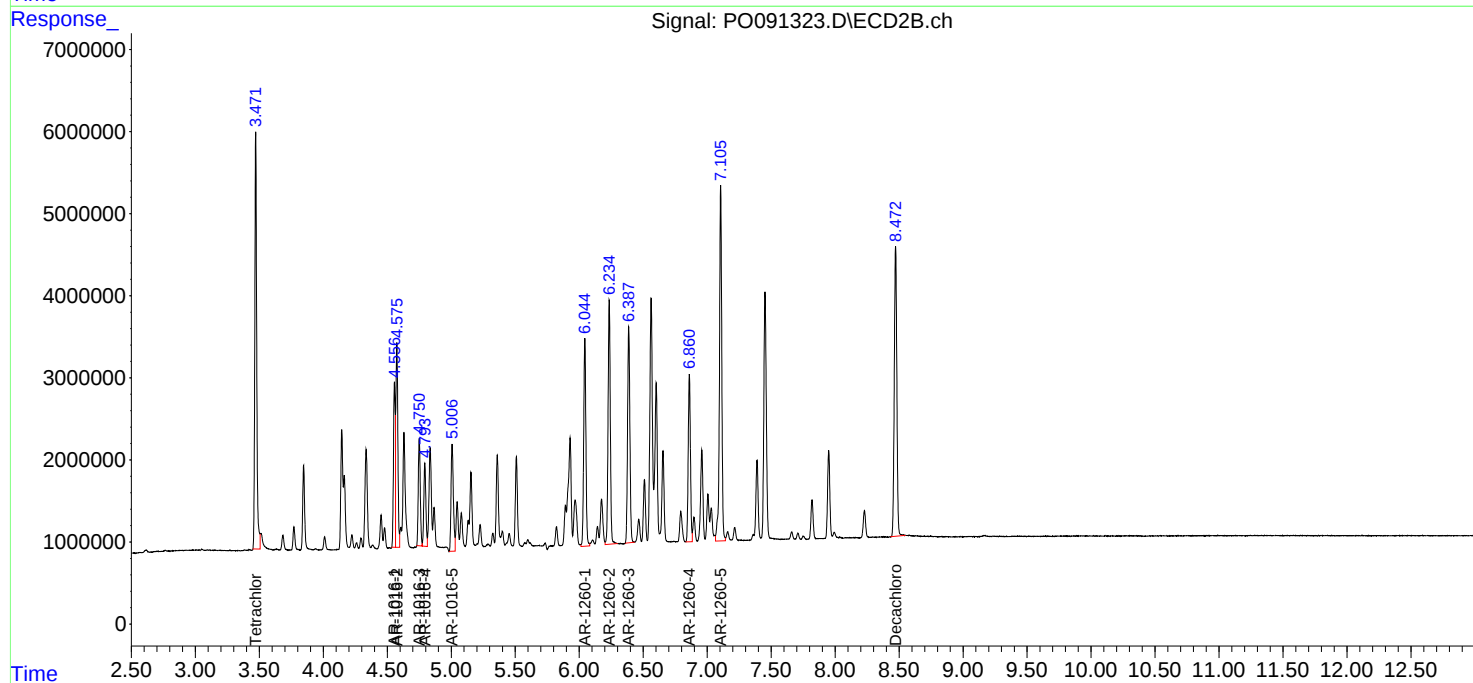
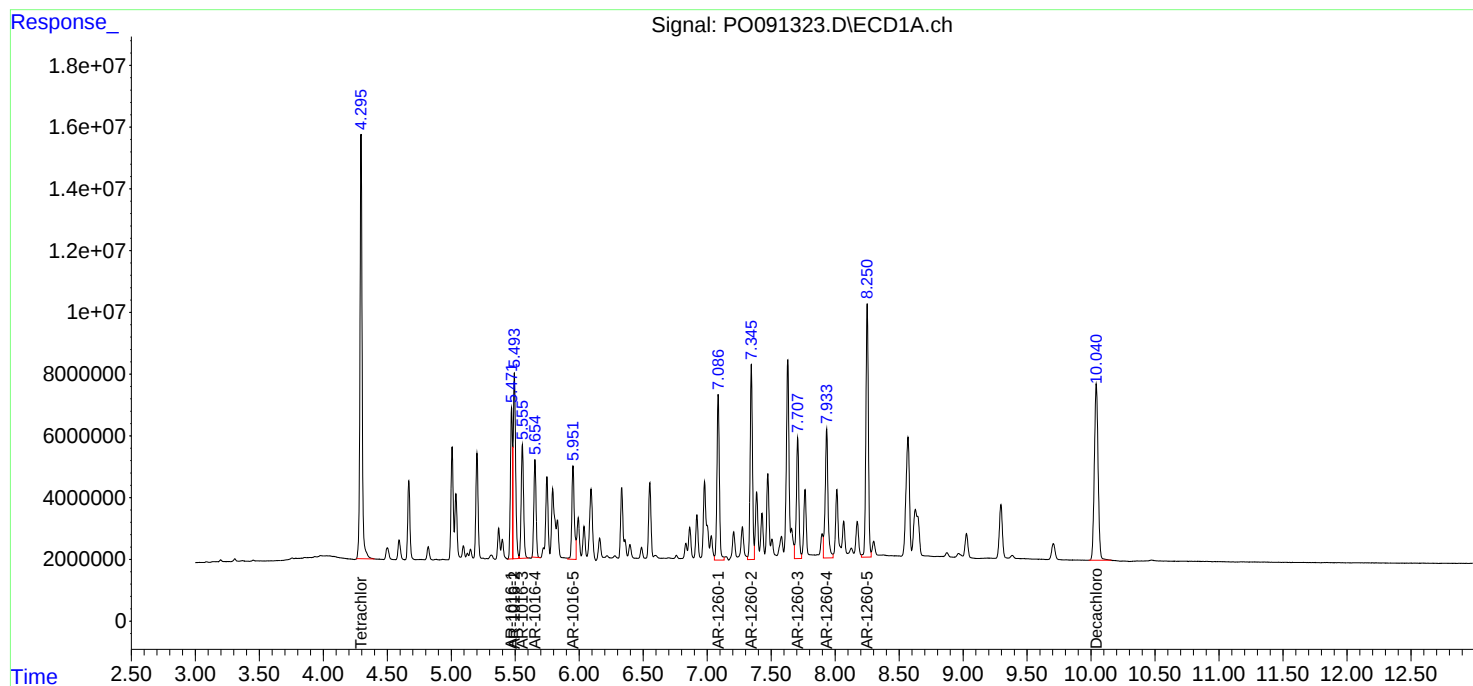
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 22:10
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 03:41:12 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: Remington & Vernick Engineers

SDG No.: N5992

Project: Wildwood DPW Storage Yard Site - # 0514T

Instrument ID: ECD_O

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/25/2022

11/25/2022

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/25/2022	20:24	PO090933.D	10.05	4.30
AR1660ICC1000	AR1660ICC1000	11/25/2022	20:41	PO090934.D	10.05	4.30
AR1660ICC750	AR1660ICC750	11/25/2022	20:58	PO090935.D	10.05	4.30
AR1660ICC500	AR1660ICC500	11/25/2022	21:15	PO090936.D	10.05	4.30
AR1660ICC250	AR1660ICC250	11/25/2022	21:33	PO090937.D	10.05	4.30
AR1660ICC050	AR1660ICC050	11/25/2022	21:50	PO090938.D	10.05	4.30
AR1221ICC500	AR1221ICC500	11/25/2022	22:06	PO090939.D	10.05	4.30
AR1232ICC500	AR1232ICC500	11/25/2022	22:23	PO090940.D	10.05	4.30
AR1242ICC1000	AR1242ICC1000	11/25/2022	22:41	PO090941.D	10.05	4.30
AR1242ICC750	AR1242ICC750	11/25/2022	22:58	PO090942.D	10.05	4.30
AR1242ICC500	AR1242ICC500	11/25/2022	23:15	PO090943.D	10.05	4.30
AR1242ICC250	AR1242ICC250	11/25/2022	23:32	PO090944.D	10.05	4.30
AR1242ICC050	AR1242ICC050	11/25/2022	23:49	PO090945.D	10.05	4.30
AR1248ICC1000	AR1248ICC1000	11/26/2022	00:06	PO090946.D	10.05	4.30
AR1248ICC750	AR1248ICC750	11/26/2022	00:23	PO090947.D	10.05	4.30
AR1248ICC500	AR1248ICC500	11/26/2022	00:40	PO090948.D	10.05	4.30
AR1248ICC250	AR1248ICC250	11/26/2022	00:57	PO090949.D	10.05	4.30
AR1248ICC050	AR1248ICC050	11/26/2022	01:14	PO090950.D	10.05	4.30
AR1254ICC500	AR1254ICC500	11/26/2022	02:05	PO090953.D	10.05	4.30
AR1262ICC500	AR1262ICC500	11/26/2022	02:56	PO090956.D	10.05	4.30
AR1268ICC1000	AR1268ICC1000	11/26/2022	03:13	PO090957.D	10.05	4.30
AR1268ICC750	AR1268ICC750	11/26/2022	03:30	PO090958.D	10.05	4.30
AR1268ICC500	AR1268ICC500	11/26/2022	03:47	PO090959.D	10.05	4.30
AR1268ICC250	AR1268ICC250	11/26/2022	04:04	PO090960.D	10.05	4.30
AR1268ICC050	AR1268ICC050	11/26/2022	04:21	PO090961.D	10.05	4.30
AR1660CCC500	AR1660CCC500	12/13/2022	13:22	PO091297.D	10.04	4.30
IBLK	IBLK	12/13/2022	14:30	PO091301.D	10.04	4.30
PB149582BL	PB149582BL	12/13/2022	14:47	PO091302.D	10.04	4.30
PB149582BS	PB149582BS	12/13/2022	15:04	PO091303.D	10.04	4.30
AOC2-B4-V1	N5992-01	12/13/2022	15:21	PO091304.D	10.04	4.30
AOC2-B4-S5	N5992-02	12/13/2022	15:38	PO091305.D	10.04	4.30
AOC2-B4-W5	N5992-03	12/13/2022	15:55	PO091306.D	10.04	4.30
AR1660CCC500	AR1660CCC500	12/13/2022	18:34	PO091312.D	10.04	4.30
IBLK	IBLK	12/13/2022	19:42	PO091316.D	10.04	4.30
TP-QMS	N6024-01MS	12/13/2022	19:59	PO091317.D	10.04	4.30
TP-QMSD	N6024-01MSD	12/13/2022	20:16	PO091318.D	10.04	4.30
AR1660CCC500	AR1660CCC500	12/13/2022	22:10	PO091323.D	10.04	4.30
IBLK	IBLK	12/13/2022	23:18	PO091327.D	10.04	4.30



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Analytical Sequence

Client: Remington & Vernick Engineers

SDG No.: N5992

Project: Wildwood DPW Storage Yard Site - # 0514T

Instrument ID: ECD_O

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 11/25/2022

11/25/2022

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES, AND STANDARDS IS GIVEN BELOW:

EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	11/25/2022	20:24	PO090933.D	8.48	3.48
AR1660ICC1000	AR1660ICC1000	11/25/2022	20:41	PO090934.D	8.48	3.48
AR1660ICC750	AR1660ICC750	11/25/2022	20:58	PO090935.D	8.48	3.48
AR1660ICC500	AR1660ICC500	11/25/2022	21:15	PO090936.D	8.48	3.48
AR1660ICC250	AR1660ICC250	11/25/2022	21:33	PO090937.D	8.48	3.48
AR1660ICC050	AR1660ICC050	11/25/2022	21:50	PO090938.D	8.48	3.48
AR1221ICC500	AR1221ICC500	11/25/2022	22:06	PO090939.D	8.48	3.48
AR1232ICC500	AR1232ICC500	11/25/2022	22:23	PO090940.D	8.48	3.48
AR1242ICC1000	AR1242ICC1000	11/25/2022	22:41	PO090941.D	8.48	3.48
AR1242ICC750	AR1242ICC750	11/25/2022	22:58	PO090942.D	8.48	3.48
AR1242ICC500	AR1242ICC500	11/25/2022	23:15	PO090943.D	8.48	3.48
AR1242ICC250	AR1242ICC250	11/25/2022	23:32	PO090944.D	8.48	3.48
AR1242ICC050	AR1242ICC050	11/25/2022	23:49	PO090945.D	8.48	3.48
AR1248ICC1000	AR1248ICC1000	11/26/2022	00:06	PO090946.D	8.48	3.48
AR1248ICC750	AR1248ICC750	11/26/2022	00:23	PO090947.D	8.48	3.48
AR1248ICC500	AR1248ICC500	11/26/2022	00:40	PO090948.D	8.48	3.48
AR1248ICC250	AR1248ICC250	11/26/2022	00:57	PO090949.D	8.48	3.48
AR1248ICC050	AR1248ICC050	11/26/2022	01:14	PO090950.D	8.48	3.48
AR1254ICC500	AR1254ICC500	11/26/2022	02:05	PO090953.D	8.48	3.48
AR1262ICC500	AR1262ICC500	11/26/2022	02:56	PO090956.D	8.48	3.48
AR1268ICC1000	AR1268ICC1000	11/26/2022	03:13	PO090957.D	8.48	3.48
AR1268ICC750	AR1268ICC750	11/26/2022	03:30	PO090958.D	8.48	3.48
AR1268ICC500	AR1268ICC500	11/26/2022	03:47	PO090959.D	8.48	3.48
AR1268ICC250	AR1268ICC250	11/26/2022	04:04	PO090960.D	8.48	3.48
AR1268ICC050	AR1268ICC050	11/26/2022	04:21	PO090961.D	8.48	3.48
AR1660CCC500	AR1660CCC500	12/13/2022	13:22	PO091297.D	8.47	3.47
IBLK	IBLK	12/13/2022	14:30	PO091301.D	8.47	3.47
PB149582BL	PB149582BL	12/13/2022	14:47	PO091302.D	8.47	3.47
PB149582BS	PB149582BS	12/13/2022	15:04	PO091303.D	8.47	3.47
AOC2-B4-V1	N5992-01	12/13/2022	15:21	PO091304.D	8.47	3.47
AOC2-B4-S5	N5992-02	12/13/2022	15:38	PO091305.D	8.48	3.47
AOC2-B4-W5	N5992-03	12/13/2022	15:55	PO091306.D	8.48	3.47
AR1660CCC500	AR1660CCC500	12/13/2022	18:34	PO091312.D	8.47	3.47
IBLK	IBLK	12/13/2022	19:42	PO091316.D	8.47	3.47
TP-QMS	N6024-01MS	12/13/2022	19:59	PO091317.D	8.47	3.47
TP-QMSD	N6024-01MSD	12/13/2022	20:16	PO091318.D	8.47	3.47
AR1660CCC500	AR1660CCC500	12/13/2022	22:10	PO091323.D	8.47	3.47
IBLK	IBLK	12/13/2022	23:18	PO091327.D	8.47	3.47



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB149582BS

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Lab Sample ID: PB149582BS Date(s) Analyzed: 12/13/2022 12/13/2022

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO091303.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.472	5.422	5.522	131	128	8.96
COLUMN 1	2	5.494	5.444	5.544	129		
	3	5.557	5.507	5.607	127		
	4	5.655	5.605	5.705	128		
	5	5.952	5.902	6.002	123		
	1	4.558	4.508	4.608	138		
COLUMN 2	2	4.577	4.527	4.627	137	140	
	3	4.752	4.702	4.802	140		
	4	4.796	4.746	4.846	143		
	5	5.008	4.958	5.058	140		
Aroclor-1260	1	7.087	7.037	7.137	126	127	8.3
COLUMN 1	2	7.346	7.296	7.396	128		
	3	7.708	7.658	7.758	130		
	4	7.934	7.884	7.984	131		
	5	8.251	8.201	8.301	121		
	1	6.045	5.995	6.095	138		
COLUMN 2	2	6.236	6.186	6.286	139	138	
	3	6.388	6.338	6.438	134		
	4	6.862	6.812	6.912	139		
	5	7.107	7.057	7.157	137		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TP-QMS

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Lab Sample ID: N6024-01MS Date(s) Analyzed: 12/13/2022 12/13/2022

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO091317.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.472	5.422	5.522	163	156	14.84
COLUMN 1	2	5.494	5.444	5.544	160		
	3	5.556	5.506	5.606	156		
	4	5.654	5.604	5.704	154		
	5	5.952	5.902	6.002	147		
	1	4.557	4.507	4.607	180		
COLUMN 2	2	4.575	4.525	4.625	180	181	
	3	4.75	4.7	4.8	182		
	4	4.794	4.744	4.844	184		
	5	5.006	4.956	5.056	177		
Aroclor-1260	1	7.086	7.036	7.136	143	144	11.76
COLUMN 1	2	7.345	7.295	7.395	148		
	3	7.707	7.657	7.757	144		
	4	7.933	7.883	7.983	151		
	5	8.25	8.2	8.3	135		
	1	6.044	5.994	6.094	168	162	
COLUMN 2	2	6.234	6.184	6.284	165		
	3	6.387	6.337	6.437	161		
	4	6.861	6.811	6.911	162		
	5	7.105	7.055	7.155	155		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TP-QMSD

Contract: REMI02

Lab Code: CHEM Case No.: N5992 SAS No.: N5992 SDG NO.: N5992

Lab Sample ID: N6024-01MSD Date(s) Analyzed: 12/13/2022 12/13/2022

Instrument ID (1): ECD_O Instrument ID (2): ECD_O

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column: (2): ZB-MR2 ID: 0.32 (mm)

Data file PO091318.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.472	5.422	5.522	164	157	14.75
COLUMN 1	2	5.494	5.444	5.544	160		
	3	5.556	5.506	5.606	156		
	4	5.655	5.605	5.705	155		
	5	5.953	5.903	6.003	147		
	1	4.557	4.507	4.607	180		
COLUMN 2	2	4.576	4.526	4.626	180	182	
	3	4.751	4.701	4.801	184		
	4	4.795	4.745	4.845	185		
	5	5.008	4.958	5.058	180		
Aroclor-1260	1	7.087	7.037	7.137	144	144	12.38
COLUMN 1	2	7.346	7.296	7.396	148		
	3	7.708	7.658	7.758	145		
	4	7.934	7.884	7.984	148		
	5	8.25	8.2	8.3	137		
	1	6.046	5.996	6.096	169		
COLUMN 2	2	6.235	6.185	6.285	166	163	
	3	6.388	6.338	6.438	162		
	4	6.862	6.812	6.912	162		
	5	7.106	7.056	7.156	156		

QC SAMPLE DATA



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:		
Project:	Wildwood DPW Storage Yard Site - # 0514T294		Date Received:		
Client Sample ID:	PB149582BL		SDG No.:	N5992	
Lab Sample ID:	PB149582BL		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091302.D	1	12/13/22 09:15	12/13/22 14:47	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.00	U	3.00	17.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	17.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.0	ug/kg
53469-21-9	Aroclor-1242	2.40	U	2.40	17.0	ug/kg
12672-29-6	Aroclor-1248	3.00	U	3.00	17.0	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	17.0	ug/kg
37324-23-5	Aroclor-1262	3.30	U	3.30	17.0	ug/kg
11100-14-4	Aroclor-1268	5.70	U	5.70	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
Total PCBs	Total PCBs	5.70	U	5.70	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		40 - 162	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		32 - 176	106%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 14:47
Operator : YP/AJ
Sample : PB149582BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB149582BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:50:06 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.296	3.473	59724240	20300802	17.664	19.342
2)	SA Decachlor...	10.042	8.474	48066937	20582560	18.096	21.200

Target Compounds

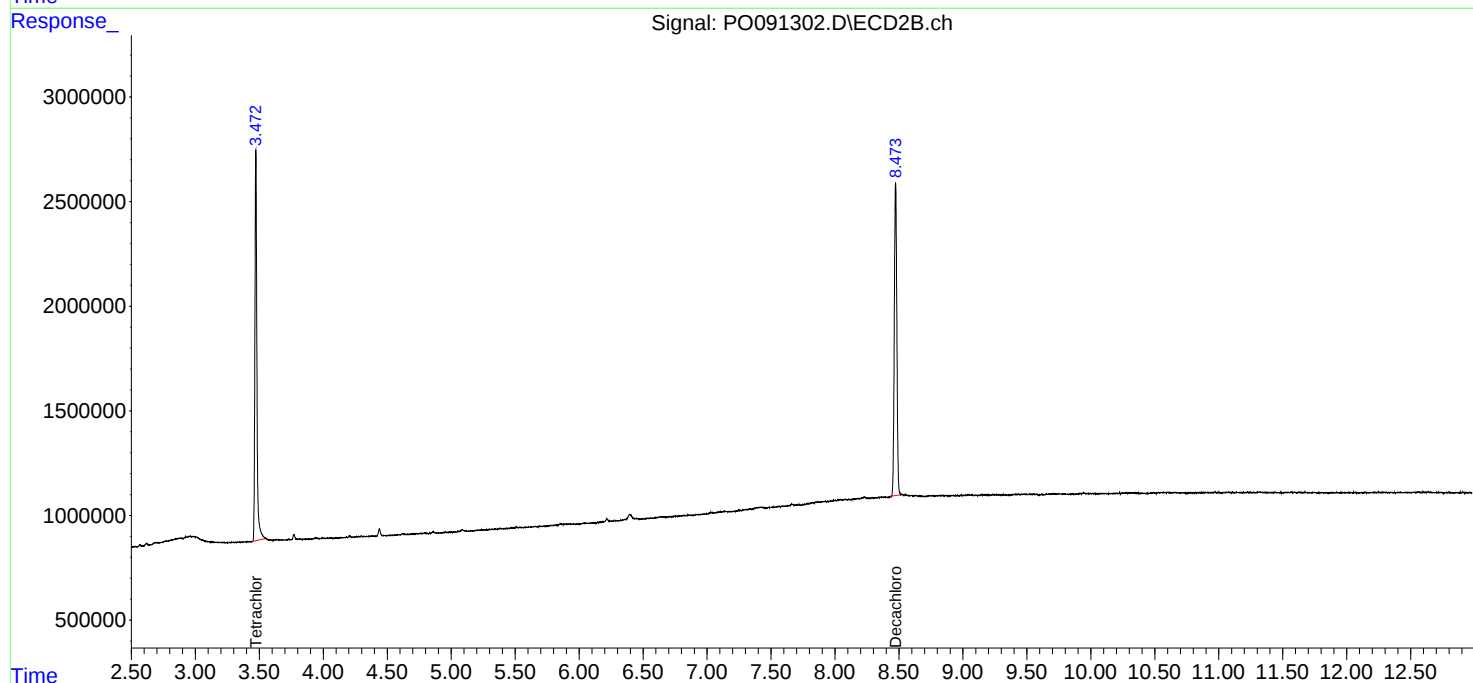
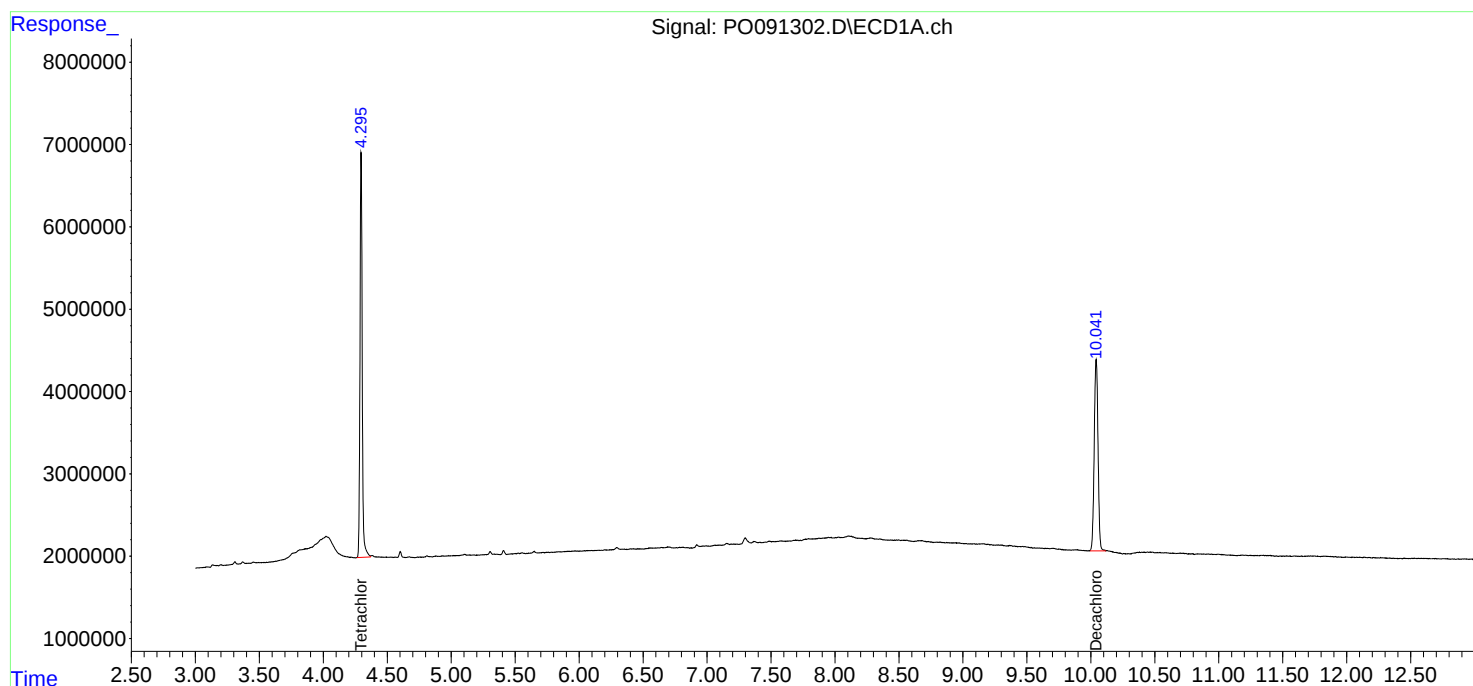
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

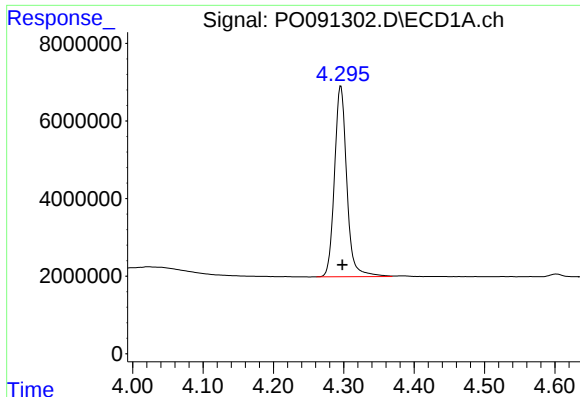
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 14:47
Operator : YP/AJ
Sample : PB149582BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB149582BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:50:06 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

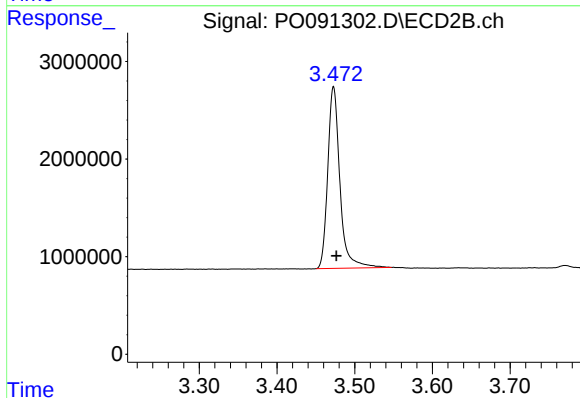




#1 Tetrachloro-m-xylene

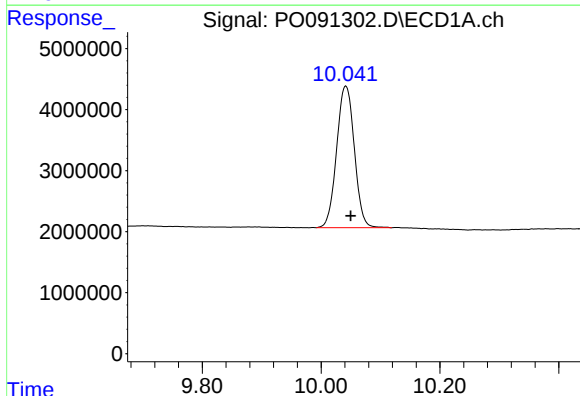
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 59724240
Conc: 17.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB149582BL



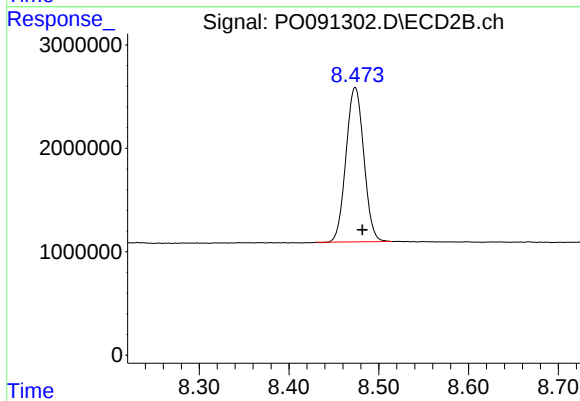
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 20300802
Conc: 19.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 48066937
Conc: 18.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.474 min
Delta R.T.: -0.008 min
Response: 20582560
Conc: 21.20 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/25/22	
Project:	Wildwood DPW Storage Yard Site - # 0514T294		Date Received:	11/25/22	
Client Sample ID:	PIBLK-PO090933.D		SDG No.:	N5992	
Lab Sample ID:	I.BLK-PO090933.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO090933.D	1		11/25/22	PO112522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.14	U	0.14	0.50	ug/L
11104-28-2	Aroclor-1221	0.14	U	0.14	0.50	ug/L
11141-16-5	Aroclor-1232	0.17	U	0.17	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.22	U	0.22	0.50	ug/L
11096-82-5	Aroclor-1260	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.17	U	0.17	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.5		60 - 140	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 20:24
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:13:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 00:03:28 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.300	3.476	69117454	22469441	20.442	21.408
2) SA Decachlor...	10.053	8.483	57118580	21500900	21.504	22.146

Target Compounds

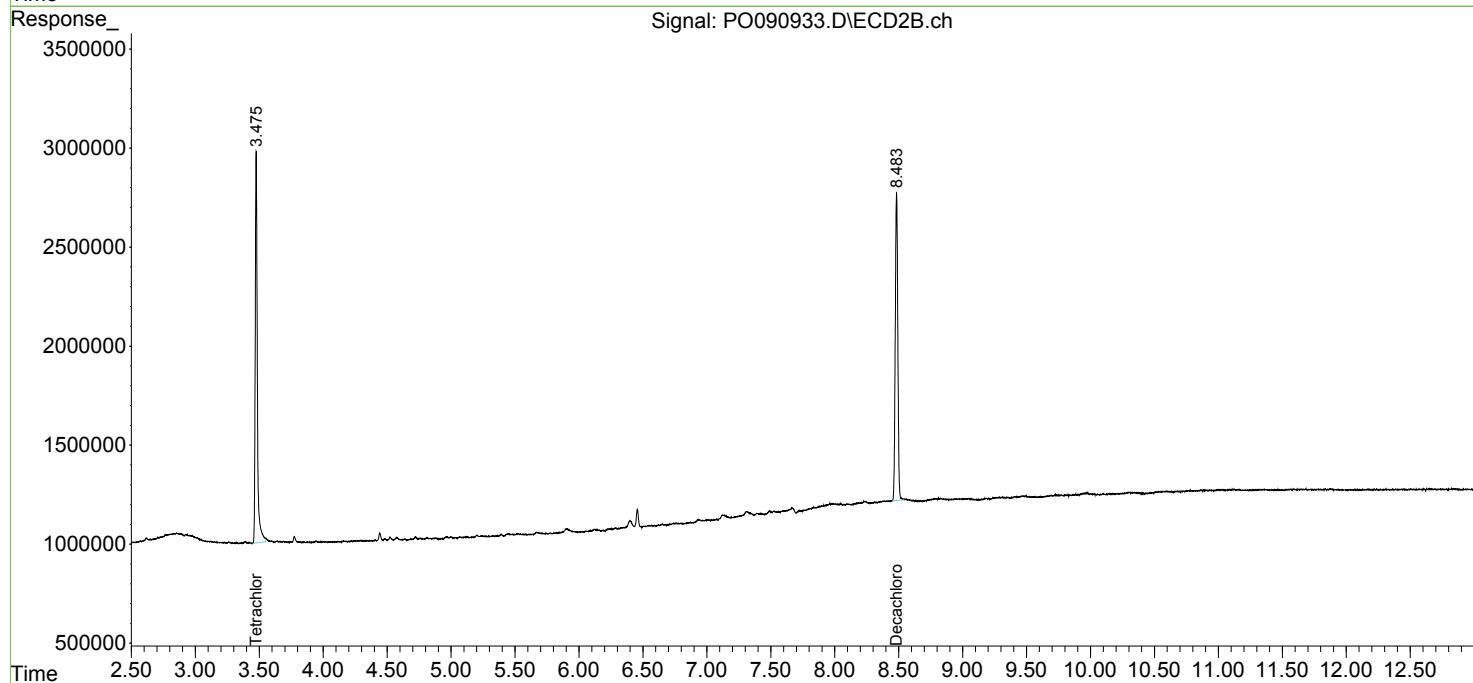
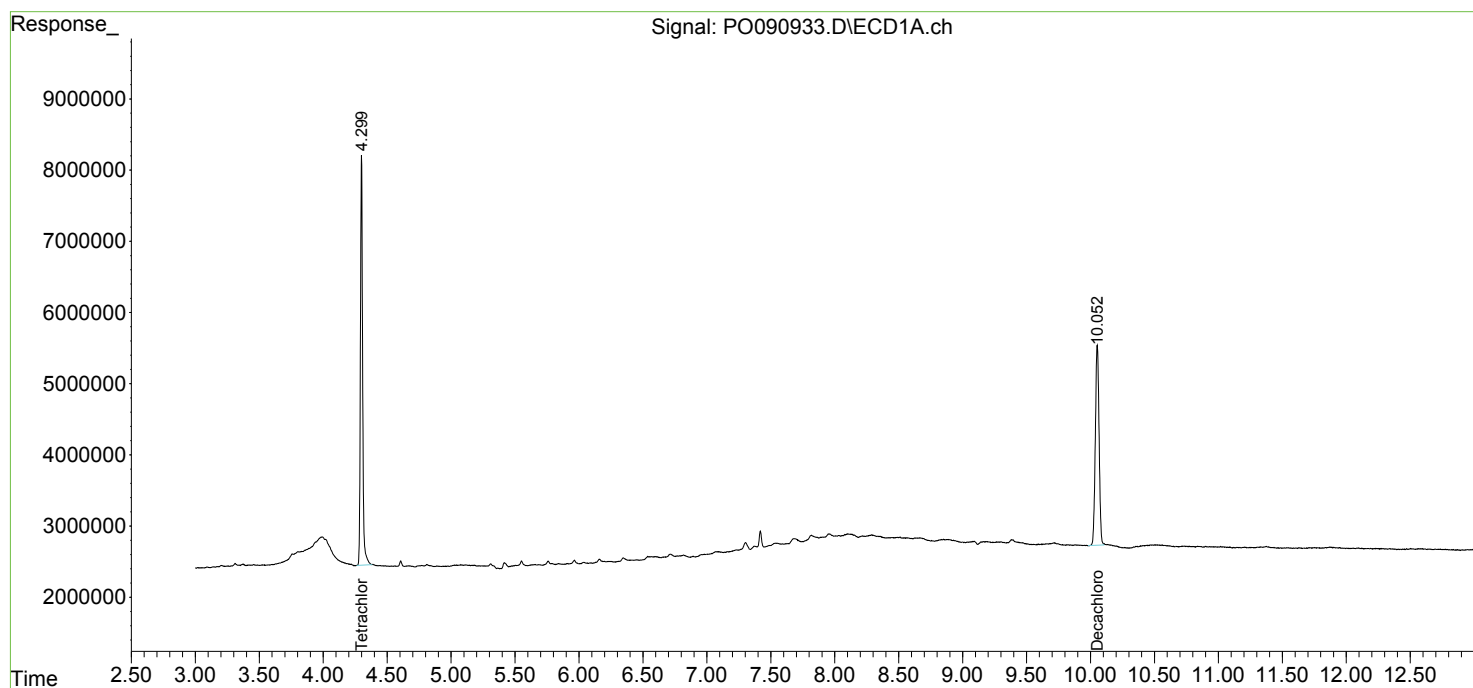
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

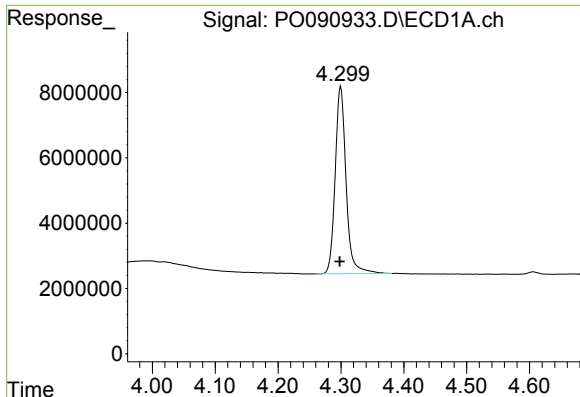
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112522\
Data File : PO090933.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Nov 2022 20:24
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 28 00:13:44 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 00:03:28 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

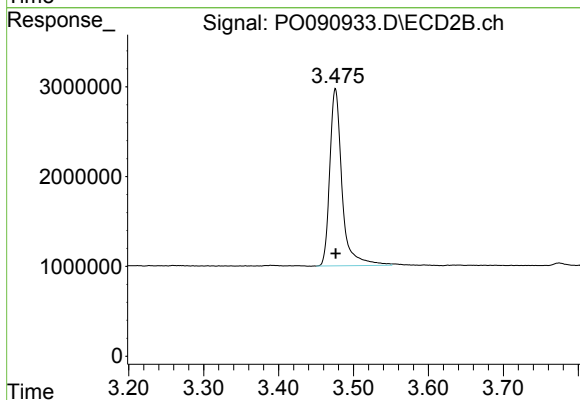




#1 Tetrachloro-m-xylene

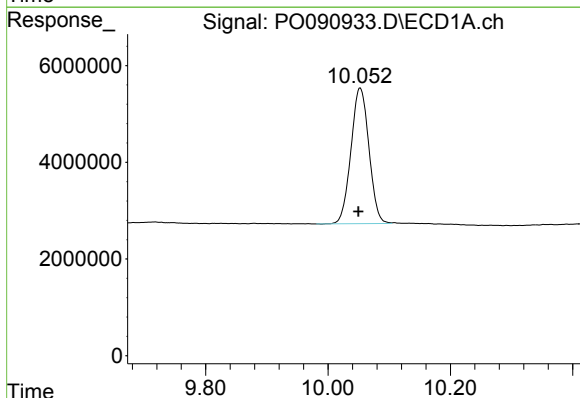
R.T.: 4.300 min
Delta R.T.: 0.002 min
Response: 69117454
Conc: 20.44 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



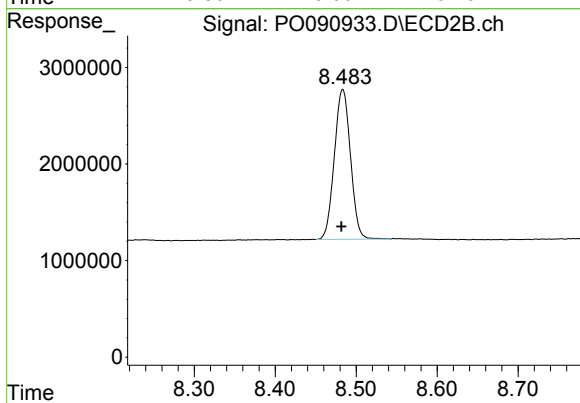
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.000 min
Response: 22469441
Conc: 21.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.053 min
Delta R.T.: 0.003 min
Response: 57118580
Conc: 21.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.483 min
Delta R.T.: 0.002 min
Response: 21500900
Conc: 22.15 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	12/13/22	
Project:	Wildwood DPW Storage Yard Site - # 0514T294		Date Received:	12/13/22	
Client Sample ID:	PIBLK-PO091301.D		SDG No.:	N5992	
Lab Sample ID:	I.BLK-PO091301.D		Matrix:	WATER	
Analytical Method:	SW8082A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	5030				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091301.D	1		12/13/22	PO121322

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.14	U	0.14	0.50	ug/L
11104-28-2	Aroclor-1221	0.14	U	0.14	0.50	ug/L
11141-16-5	Aroclor-1232	0.17	U	0.17	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.22	U	0.22	0.50	ug/L
11096-82-5	Aroclor-1260	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.17	U	0.17	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		60 - 140	102%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 14:30
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:49:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.297	3.473	68792314	22887399	20.346	21.807
2)	SA Decachlor...	10.043	8.474	54028952	23212532	20.341	23.909

Target Compounds

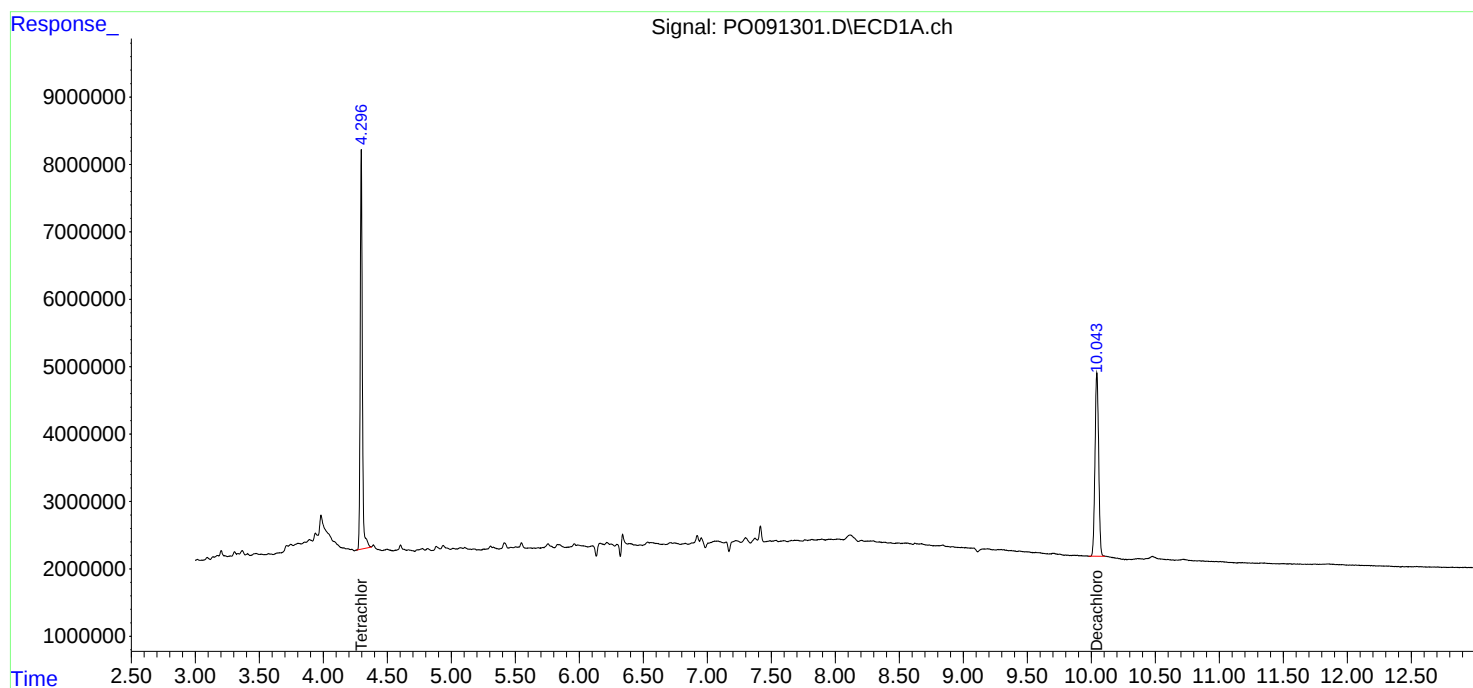
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

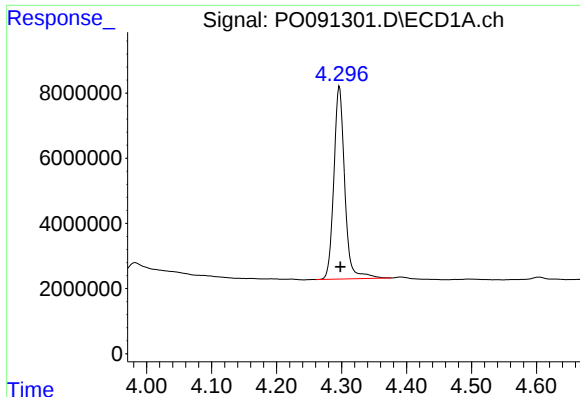
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 14:30
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:49:35 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

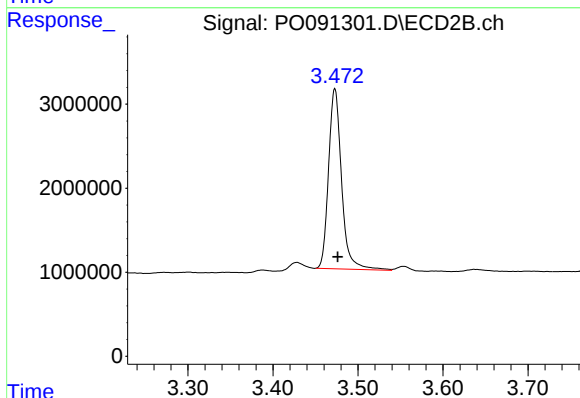




#1 Tetrachloro-m-xylene

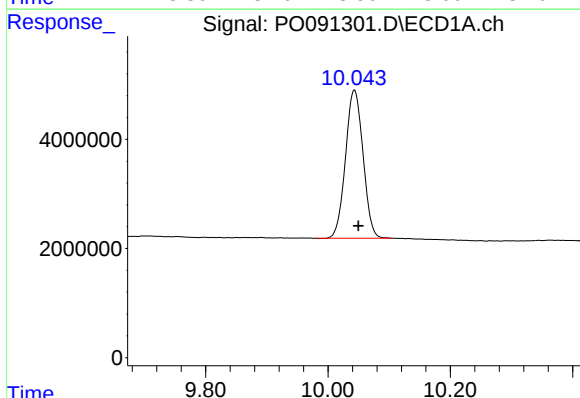
R.T.: 4.297 min
Delta R.T.: -0.001 min
Response: 68792314
Conc: 20.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



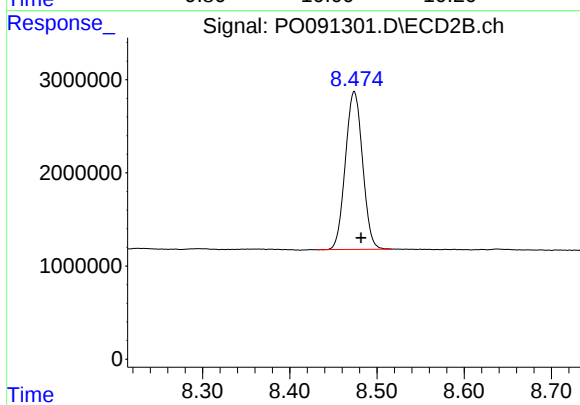
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 22887399
Conc: 21.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.043 min
Delta R.T.: -0.007 min
Response: 54028952
Conc: 20.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.474 min
Delta R.T.: -0.008 min
Response: 23212532
Conc: 23.91 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	12/13/22
Project:	Wildwood DPW Storage Yard Site - # 0514T294	Date Received:	12/13/22
Client Sample ID:	PIBLK-PO091316.D	SDG No.:	N5992
Lab Sample ID:	I.BLK-PO091316.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	10000 uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091316.D	1		12/13/22	PO121322

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.14	U	0.14	0.50	ug/L
11104-28-2	Aroclor-1221	0.14	U	0.14	0.50	ug/L
11141-16-5	Aroclor-1232	0.17	U	0.17	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.22	U	0.22	0.50	ug/L
11096-82-5	Aroclor-1260	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.17	U	0.17	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		60 - 140	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		60 - 140	99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 19:42
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:57:32 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.296	3.473	68786619	24686807	20.344	23.521
2) SA Decachlor...	10.042	8.473	52336169	22805986	19.703	23.490

Target Compounds

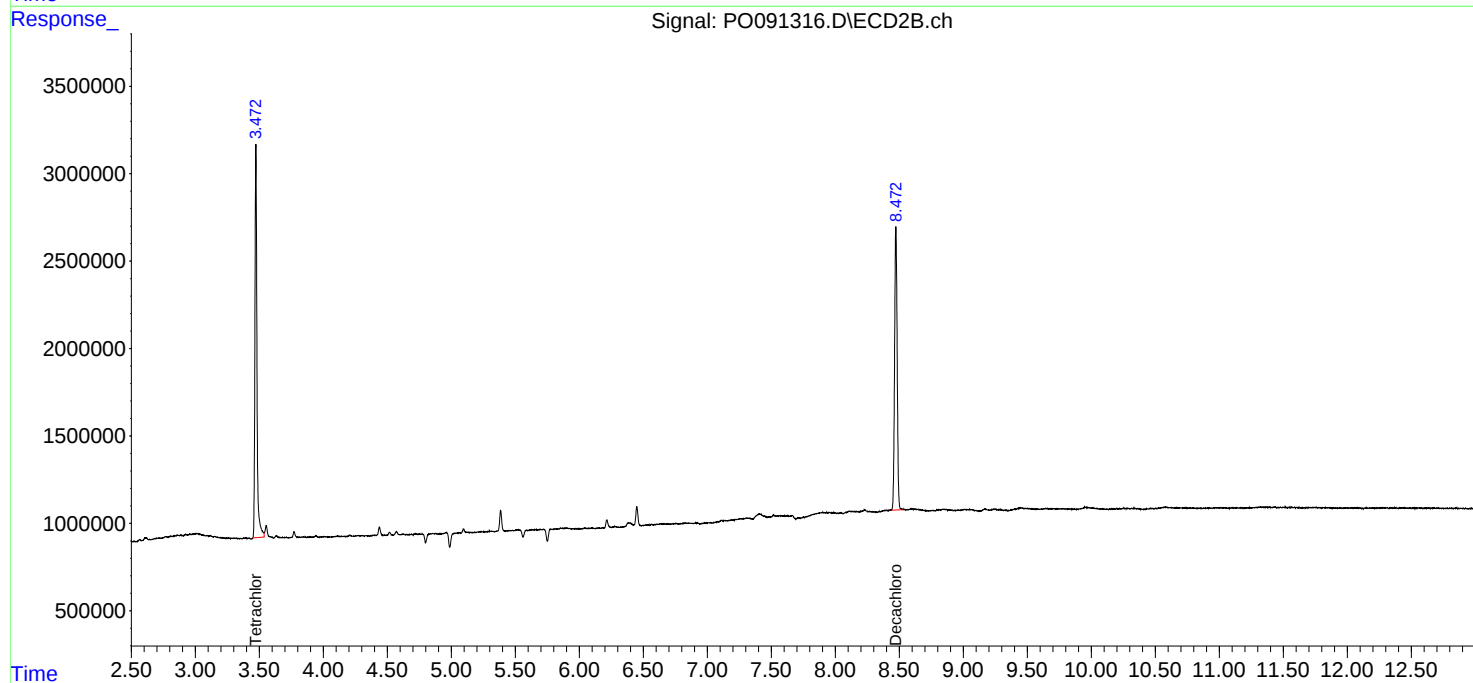
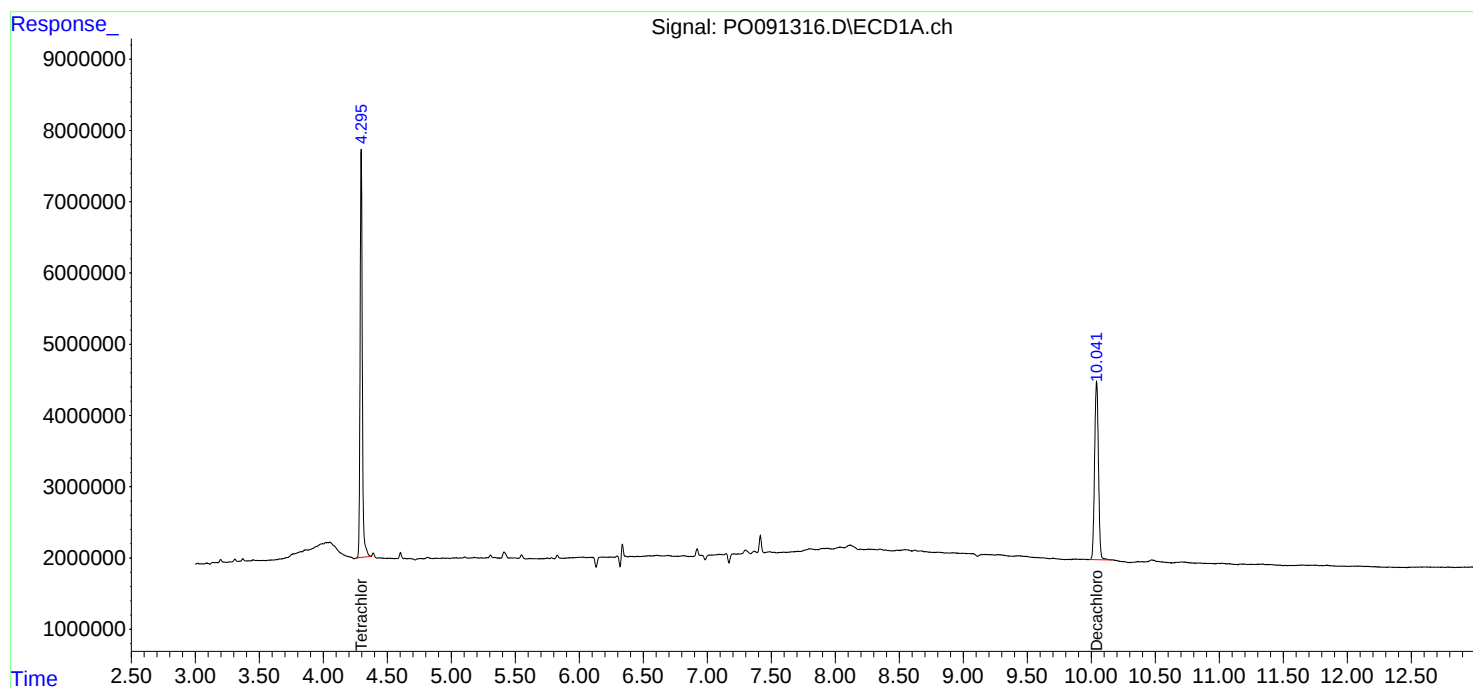
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

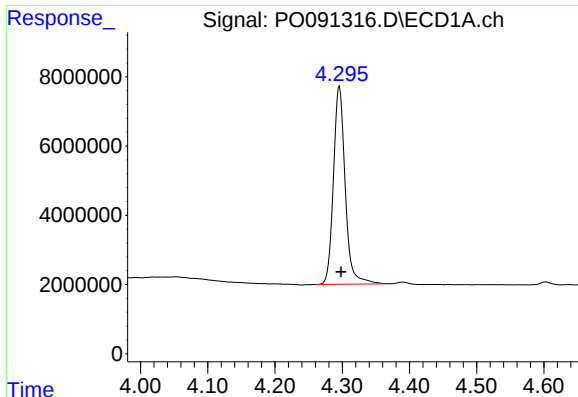
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 19:42
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:57:32 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

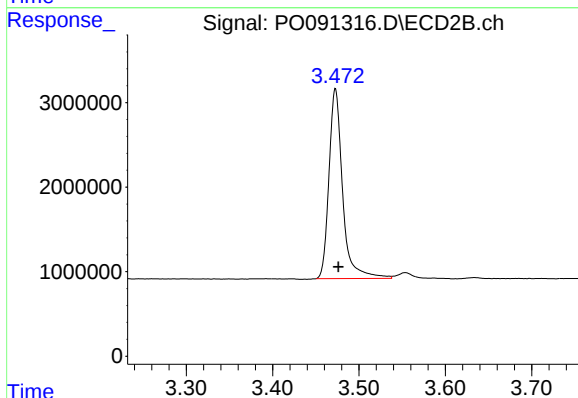




#1 Tetrachloro-m-xylene

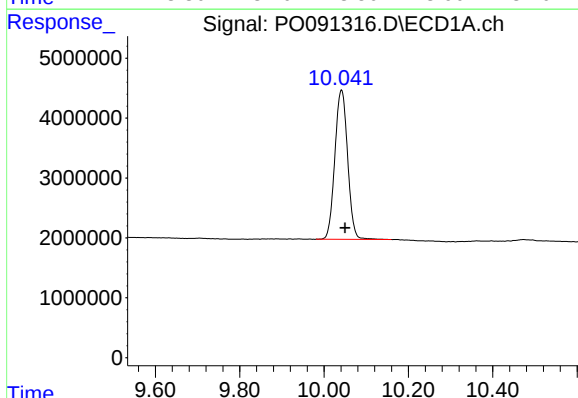
R.T.: 4.296 min
Delta R.T.: -0.002 min
Response: 68786619
Conc: 20.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



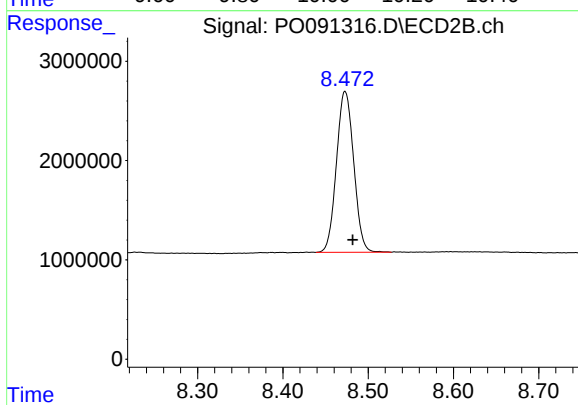
#1 Tetrachloro-m-xylene

R.T.: 3.473 min
Delta R.T.: -0.003 min
Response: 24686807
Conc: 23.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 52336169
Conc: 19.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.473 min
Delta R.T.: -0.009 min
Response: 22805986
Conc: 23.49 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	12/13/22
Project:	Wildwood DPW Storage Yard Site - # 0514T294	Date Received:	12/13/22
Client Sample ID:	PIBLK-PO091327.D	SDG No.:	N5992
Lab Sample ID:	I.BLK-PO091327.D	Matrix:	WATER
Analytical Method:	SW8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091327.D	1		12/13/22	PO121322

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.14	U	0.14	0.50	ug/L
11104-28-2	Aroclor-1221	0.14	U	0.14	0.50	ug/L
11141-16-5	Aroclor-1232	0.17	U	0.17	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.22	U	0.22	0.50	ug/L
11096-82-5	Aroclor-1260	0.11	U	0.11	0.50	ug/L
37324-23-5	Aroclor-1262	0.17	U	0.17	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.3		60 - 140	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		60 - 140	105%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 23:18
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 03:42:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.295	3.472	72109327	25241580	21.327	24.050
2)	SA Decachlor...	10.042	8.473	55604189	24128075	20.934	24.852

Target Compounds

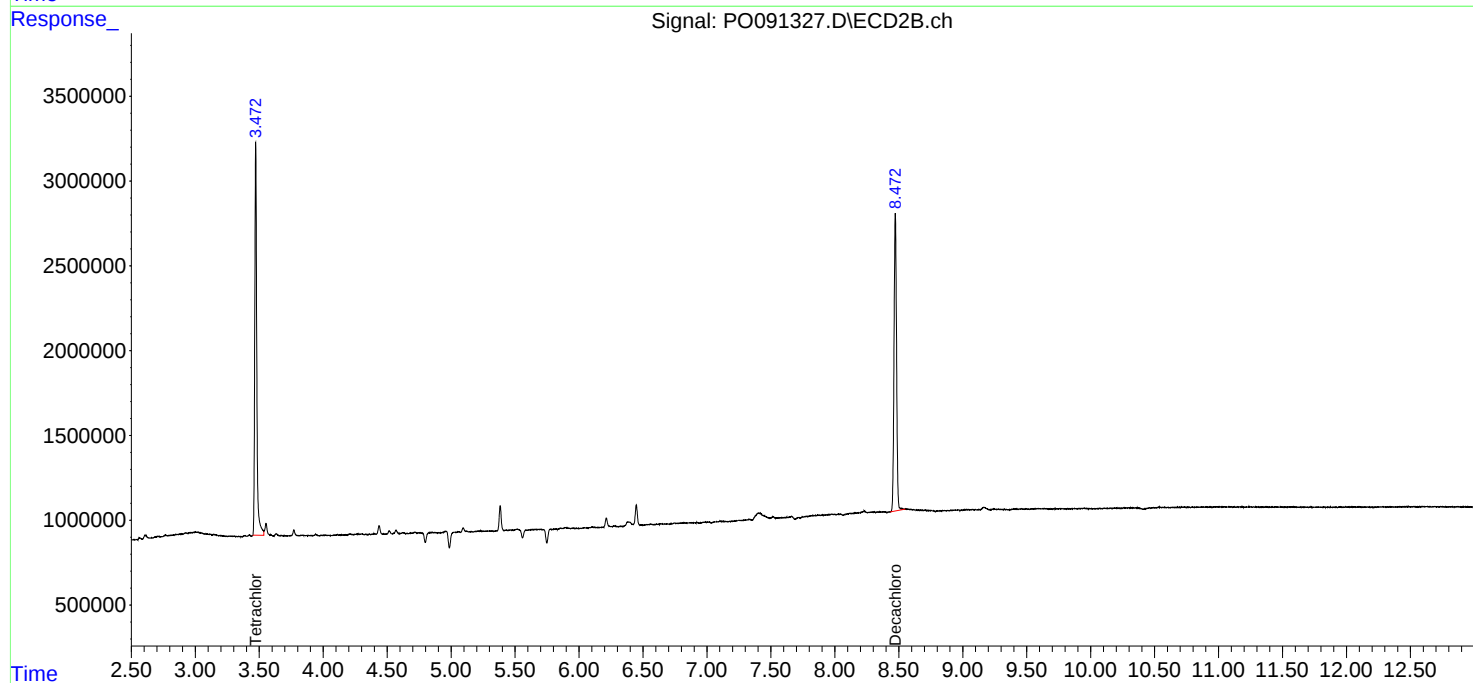
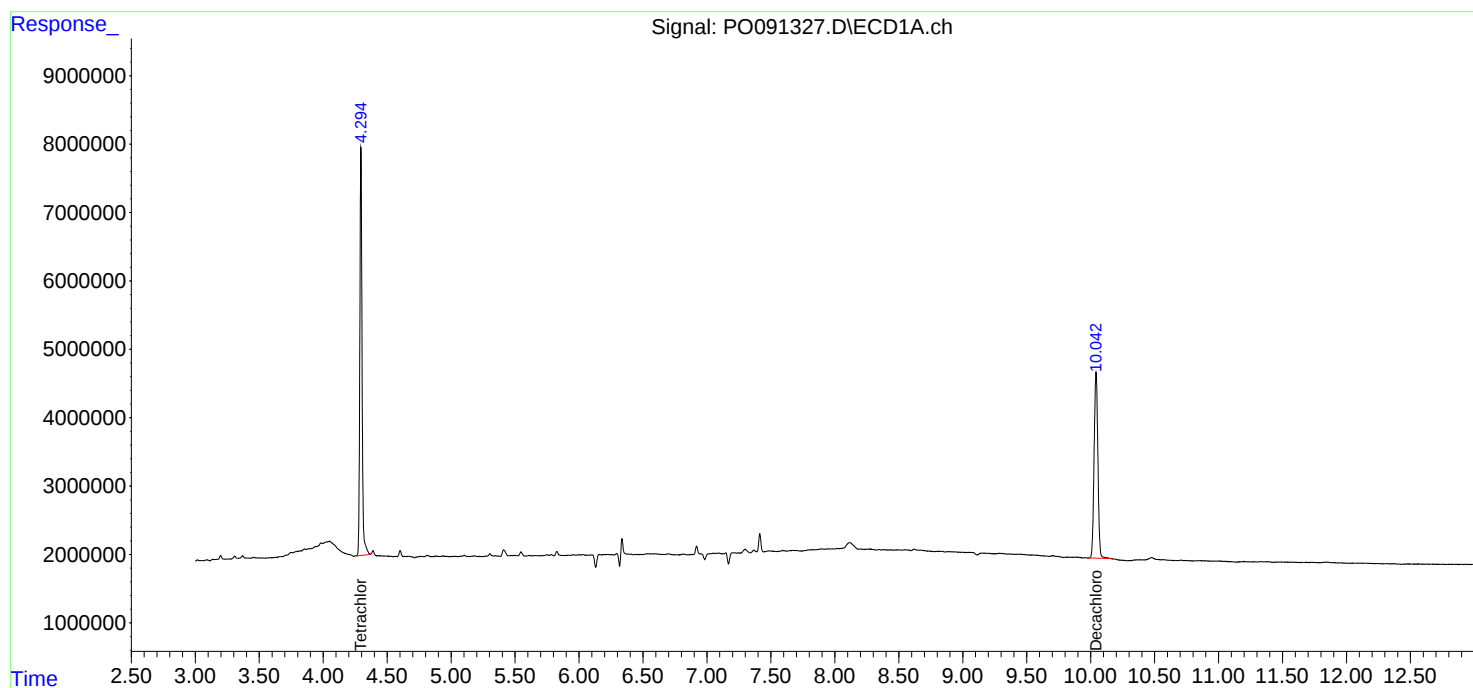
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

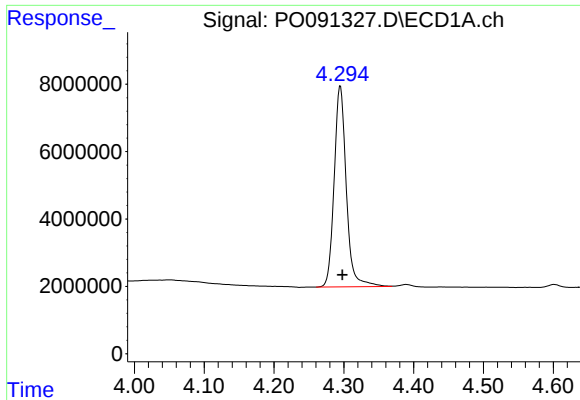
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 23:18
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 14 03:42:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

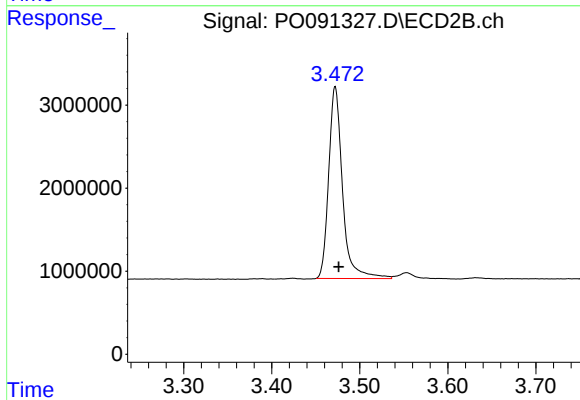




#1 Tetrachloro-m-xylene

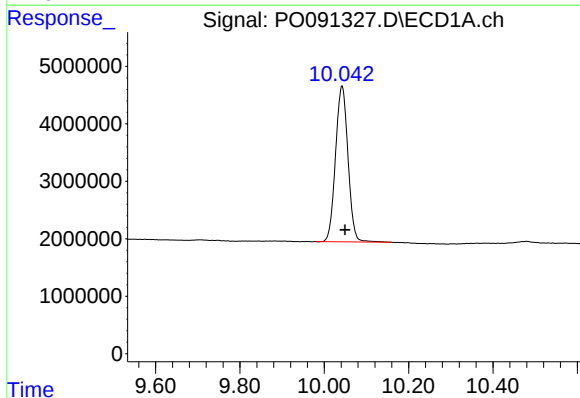
R.T.: 4.295 min
Delta R.T.: -0.003 min
Response: 72109327
Conc: 21.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



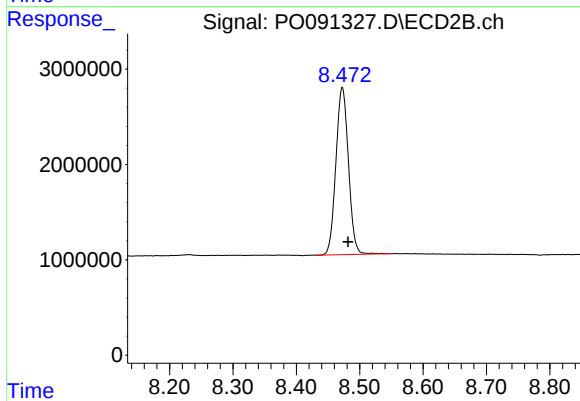
#1 Tetrachloro-m-xylene

R.T.: 3.472 min
Delta R.T.: -0.004 min
Response: 25241580
Conc: 24.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.042 min
Delta R.T.: -0.008 min
Response: 55604189
Conc: 20.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.473 min
Delta R.T.: -0.009 min
Response: 24128075
Conc: 24.85 ng/ml



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:		
Project:	Wildwood DPW Storage Yard Site - # 0514T294		Date Received:		
Client Sample ID:	PB149582BS		SDG No.:	N5992	
Lab Sample ID:	PB149582BS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091303.D	1	12/13/22 09:15	12/13/22 15:04	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	140		3.00	17.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	17.0	ug/kg
11141-16-5	Aroclor-1232	3.90	U	3.90	17.0	ug/kg
53469-21-9	Aroclor-1242	2.40	U	2.40	17.0	ug/kg
12672-29-6	Aroclor-1248	3.00	U	3.00	17.0	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	17.0	ug/kg
37324-23-5	Aroclor-1262	3.30	U	3.30	17.0	ug/kg
11100-14-4	Aroclor-1268	5.70	U	5.70	17.0	ug/kg
11096-82-5	Aroclor-1260	138		3.20	17.0	ug/kg
Total PCBs	Total PCBs	277		6.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		40 - 162	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.9		32 - 176	115%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091303.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 15:04
 Operator : YP/AJ
 Sample : PB149582BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 PB149582BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 20:50:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.296	3.473	65223807	20829061	19.291	19.846
2) SA Decachlor...	10.042	8.473	52243088	22270140	19.668	22.938
Target Compounds						
3) L1 AR-1016-1	5.472	4.558	44257693	15237649	393.287	413.482
4) L1 AR-1016-2	5.494	4.577	62870284	21220279	386.707	411.811
5) L1 AR-1016-3	5.557	4.752	39772487	11459775	381.475	421.076
6) L1 AR-1016-4	5.655	4.796	31225541	9923713	385.346	429.310
7) L1 AR-1016-5	5.952	5.008	32417282	12410271	369.661	420.735
31) L7 AR-1260-1	7.087	6.045	58081998	24008627	378.614	414.641
32) L7 AR-1260-2	7.346	6.236	66978722	28557282	383.738	418.201
33) L7 AR-1260-3	7.708	6.388	44260852	26479048	389.367	403.686
34) L7 AR-1260-4	7.934	6.862	53472641	19907936	394.606	416.833
35) L7 AR-1260-5	8.251	7.107	92011153	44735763	362.246	411.506

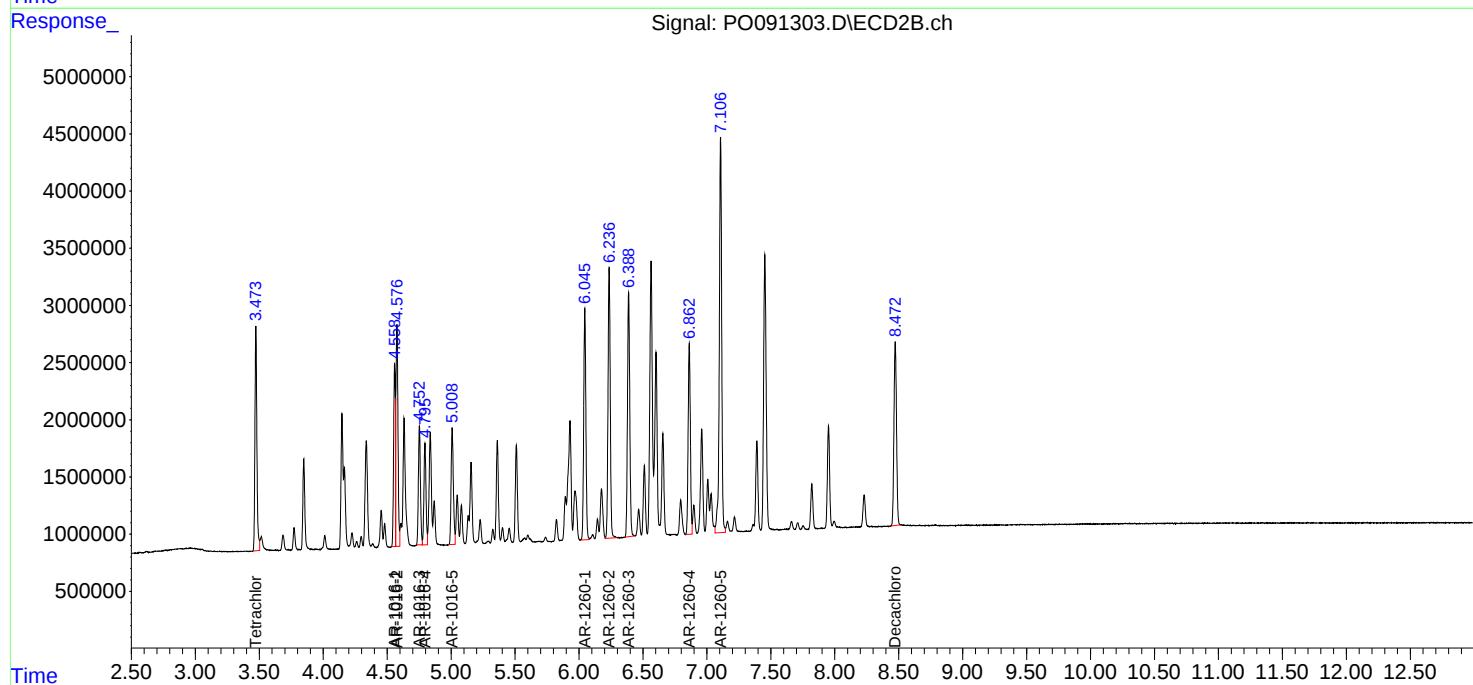
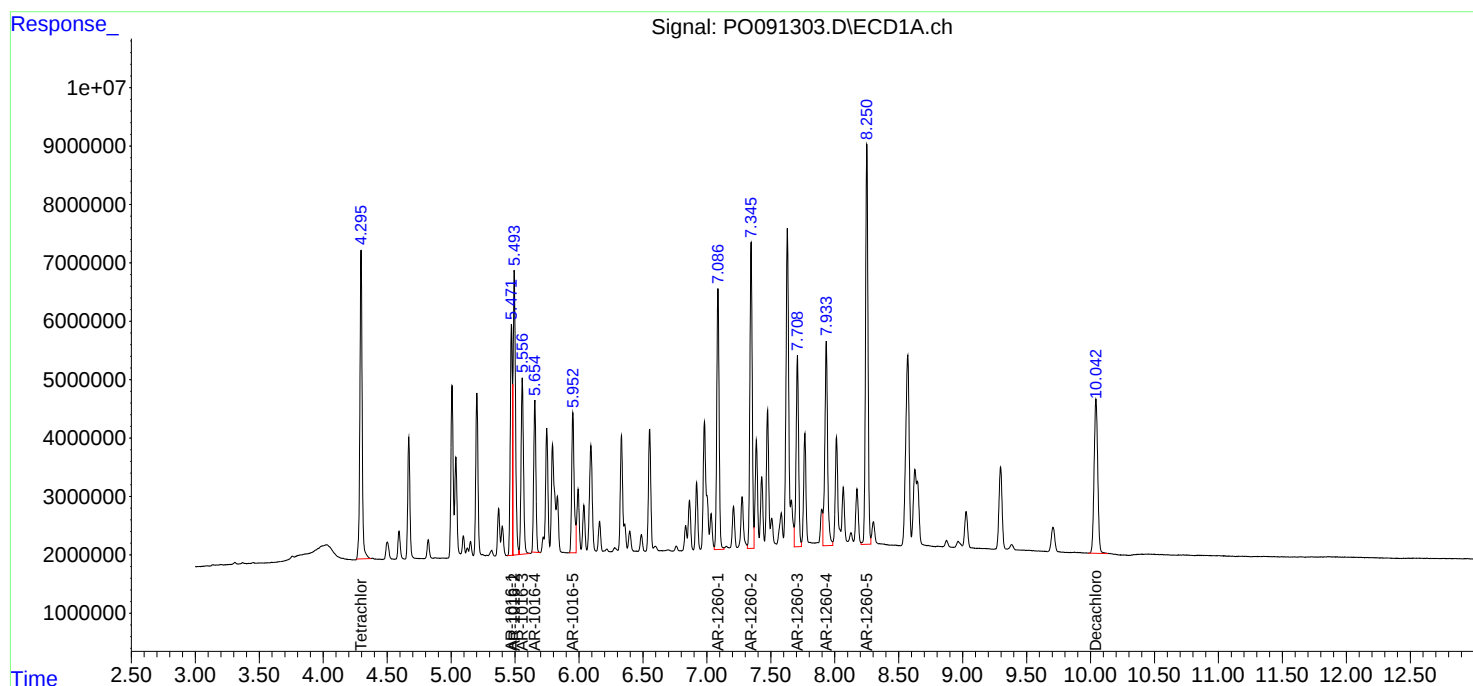
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
Data File : PO091303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 15:04
Operator : YP/AJ
Sample : PB149582BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB149582BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:50:34 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	12/12/22	
Project:	Wildwood DPW Storage Yard Site - # 0514T294		Date Received:	12/12/22	
Client Sample ID:	TP-QMS		SDG No.:	N5992	
Lab Sample ID:	N6024-01MS		Matrix:	SOIL	
Analytical Method:	SW8082A		% Solid:	88.3	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091317.D	1	12/13/22 09:15	12/13/22 19:59	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	181		3.40	19.2	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	19.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	19.2	ug/kg
53469-21-9	Aroclor-1242	2.70	U	2.70	19.2	ug/kg
12672-29-6	Aroclor-1248	3.40	U	3.40	19.2	ug/kg
11097-69-1	Aroclor-1254	4.80	U	4.80	19.2	ug/kg
37324-23-5	Aroclor-1262	3.80	U	3.80	19.2	ug/kg
11100-14-4	Aroclor-1268	6.50	U	6.50	19.2	ug/kg
11096-82-5	Aroclor-1260	162		3.70	19.2	ug/kg
Total PCBs	Total PCBs	343		7.10	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		40 - 162	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		32 - 176	90%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 19:59
 Operator : YP/AJ
 Sample : N6024-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-QMS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 20:58:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.295	3.472	68660889	22498614	20.307	21.436
2) SA Decachlor...	10.041	8.472	41212731	17545024	15.516	18.071
Target Compounds						
3) L1 AR-1016-1	5.472	4.557	48638923	17620877	432.220	478.153
4) L1 AR-1016-2	5.494	4.575	68945273	24694169	424.074	479.226
5) L1 AR-1016-3	5.556	4.750	43081716	13127636	413.215	482.360
6) L1 AR-1016-4	5.654	4.794	33176233	11283076	409.419	488.118
7) L1 AR-1016-5	5.952	5.006	34153368	13888772	389.458	470.859
31) L7 AR-1260-1	7.086	6.044	58173012	25909635	379.207	447.472
32) L7 AR-1260-2	7.345	6.234	68504811	29903512	392.481	437.916
33) L7 AR-1260-3	7.707	6.387	43491968	28030584	382.603	427.340
34) L7 AR-1260-4	7.933	6.861	54451478	20555416	401.830	430.390
35) L7 AR-1260-5	8.250	7.105	90835432	44782610	357.617	411.937

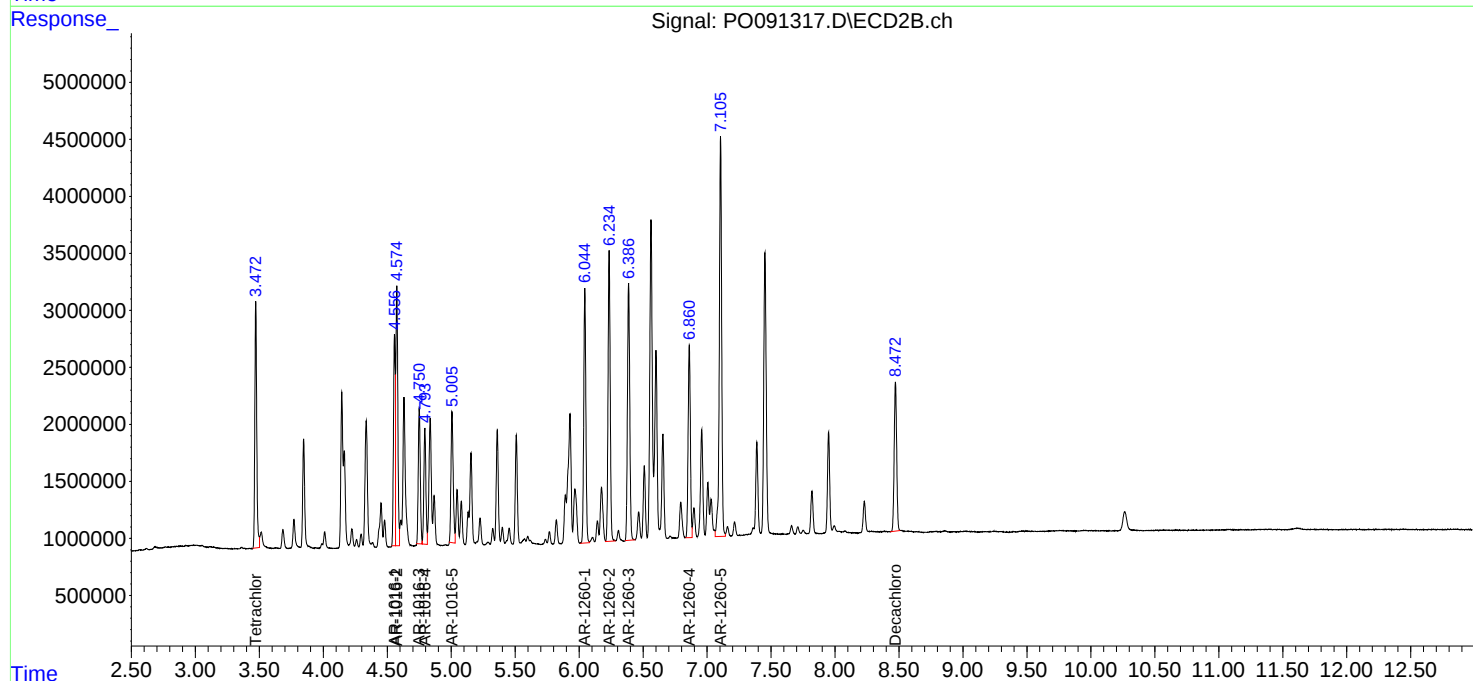
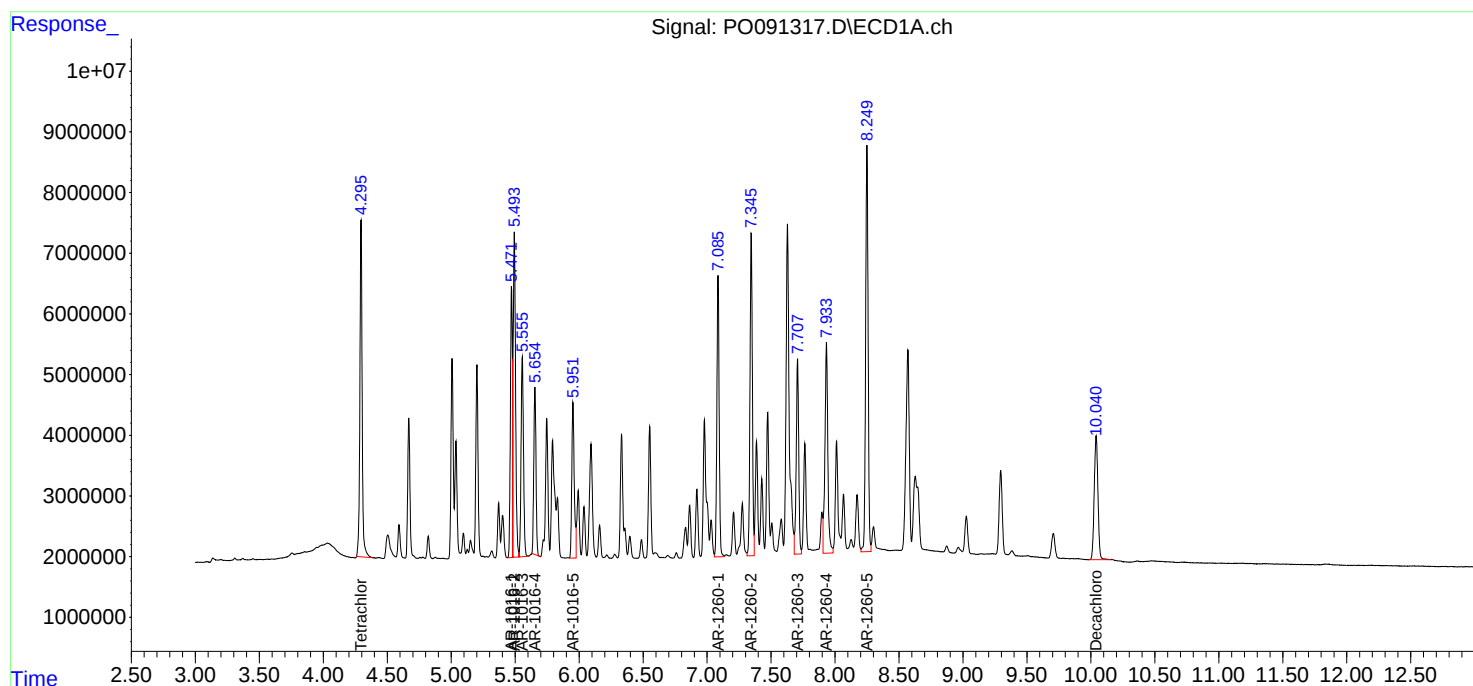
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO121322\
Data File : PO091317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 19:59
Operator : YP/AJ
Sample : N6024-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-QMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:58:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	12/12/22
Project:	Wildwood DPW Storage Yard Site - # 0514T294	Date Received:	12/12/22
Client Sample ID:	TP-QMSD	SDG No.:	N5992
Lab Sample ID:	N6024-01MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	88.3
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB Group1
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO091318.D	1	12/13/22 09:15	12/13/22 20:16	PB149582

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	182		3.40	19.2	ug/kg
11104-28-2	Aroclor-1221	5.30	U	5.30	19.2	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	19.2	ug/kg
53469-21-9	Aroclor-1242	2.70	U	2.70	19.2	ug/kg
12672-29-6	Aroclor-1248	3.40	U	3.40	19.2	ug/kg
11097-69-1	Aroclor-1254	4.80	U	4.80	19.2	ug/kg
37324-23-5	Aroclor-1262	3.80	U	3.80	19.2	ug/kg
11100-14-4	Aroclor-1268	6.50	U	6.50	19.2	ug/kg
11096-82-5	Aroclor-1260	163		3.70	19.2	ug/kg
Total PCBs	Total PCBs	345		7.10	19.2	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		40 - 162	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.2		32 - 176	91%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO121322\
 Data File : PO091318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2022 20:16
 Operator : YP/AJ
 Sample : N6024-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-QMSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 13 20:59:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO112522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Nov 28 11:25:59 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	4.296	3.473	68637496	22491436	20.300	21.429
2) SA Decachlor...	10.041	8.473	41603187	17704320	15.663	18.235
Target Compounds						
3) L1 AR-1016-1	5.472	4.557	49083205	17628434	436.168	478.358
4) L1 AR-1016-2	5.494	4.576	68928323	24647049	423.969	478.312
5) L1 AR-1016-3	5.556	4.751	43232326	13298976	414.660	488.656
6) L1 AR-1016-4	5.655	4.795	33434484	11370634	412.606	491.905
7) L1 AR-1016-5	5.953	5.008	34243258	14120213	390.483	478.706
31) L7 AR-1260-1	7.087	6.046	58677569	25988785	382.496	448.839
32) L7 AR-1260-2	7.346	6.235	68408133	30056629	391.927	440.158
33) L7 AR-1260-3	7.708	6.388	43783219	28139508	385.165	429.001
34) L7 AR-1260-4	7.934	6.862	53157548	20570902	392.281	430.714
35) L7 AR-1260-5	8.250	7.106	92191345	45135205	362.955	415.180

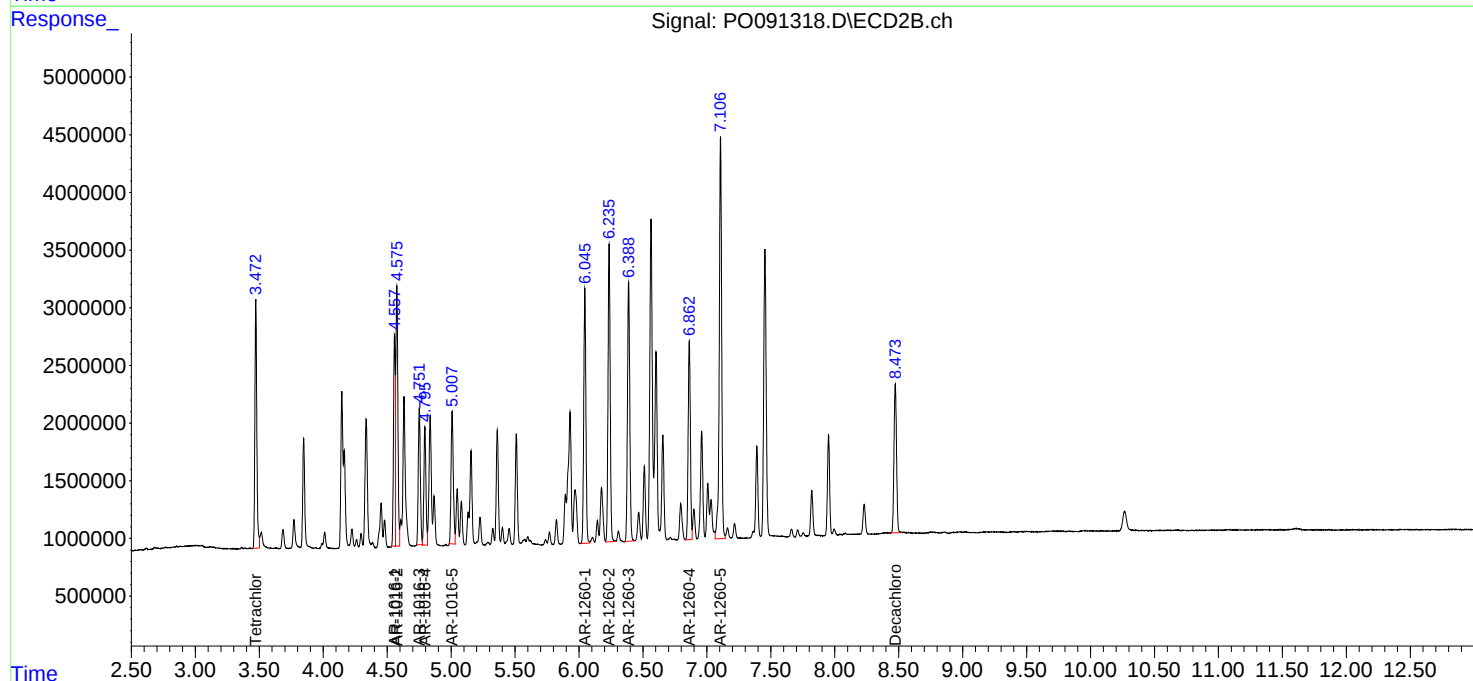
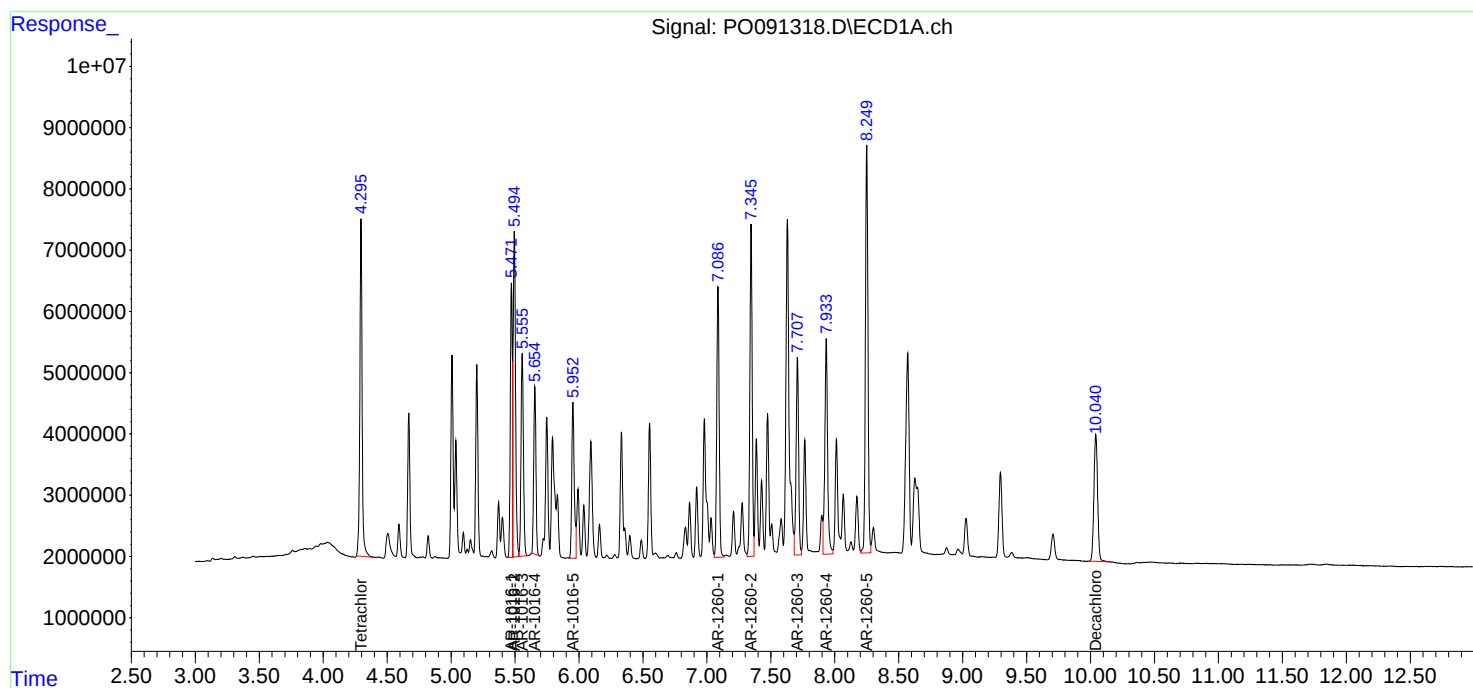
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO121322\
Data File : PO091318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Dec 2022 20:16
Operator : YP/AJ
Sample : N6024-01MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
TP-QMSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 13 20:59:07 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO112522.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Nov 28 11:25:59 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm





284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Manual Integration Report

Sequence:	PO112522	Instrument	ECD_o
-----------	----------	------------	-------

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1262ICC500	PO090956.D	AR-1262-4	yogesh	11/28/2022 8:59:21 AM	Ankita	11/28/2022 12:58:30	Peak Integrated by Software



Manual Integration Report

Sequence:

PO121322

Instrument

ECD_o

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112522

Review By	yogesh	Review On	11/28/2022 8:59:30 AM
Supervise By	Ankita	Supervise On	11/28/2022 12:58:36 PM
SubDirectory	PO112522	HP Acquire Method	HP Processing Method PO112522
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,P P20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP 20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460		
CCC	PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458		
Internal Standard/PEM			
ICV/I.BLK	PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO090932.D	25 Nov 2022 20:07	YP/AJ	Ok
2	I.BLK	PO090933.D	25 Nov 2022 20:24	YP/AJ	Ok
3	AR1660ICC1000	PO090934.D	25 Nov 2022 20:41	YP/AJ	Ok
4	AR1660ICC750	PO090935.D	25 Nov 2022 20:58	YP/AJ	Ok
5	AR1660ICC500	PO090936.D	25 Nov 2022 21:15	YP/AJ	Ok
6	AR1660ICC250	PO090937.D	25 Nov 2022 21:33	YP/AJ	Ok
7	AR1660ICC050	PO090938.D	25 Nov 2022 21:50	YP/AJ	Ok
8	AR1221ICC500	PO090939.D	25 Nov 2022 22:06	YP/AJ	Ok
9	AR1232ICC500	PO090940.D	25 Nov 2022 22:23	YP/AJ	Ok
10	AR1242ICC1000	PO090941.D	25 Nov 2022 22:41	YP/AJ	Ok
11	AR1242ICC750	PO090942.D	25 Nov 2022 22:58	YP/AJ	Ok
12	AR1242ICC500	PO090943.D	25 Nov 2022 23:15	YP/AJ	Ok
13	AR1242ICC250	PO090944.D	25 Nov 2022 23:32	YP/AJ	Ok
14	AR1242ICC050	PO090945.D	25 Nov 2022 23:49	YP/AJ	Ok
15	AR1248ICC1000	PO090946.D	26 Nov 2022 00:06	YP/AJ	Ok
16	AR1248ICC750	PO090947.D	26 Nov 2022 00:23	YP/AJ	Ok
17	AR1248ICC500	PO090948.D	26 Nov 2022 00:40	YP/AJ	Ok
18	AR1248ICC250	PO090949.D	26 Nov 2022 00:57	YP/AJ	Ok
19	AR1248ICC050	PO090950.D	26 Nov 2022 01:14	YP/AJ	Ok
20	AR1254ICC1000	PO090951.D	26 Nov 2022 01:31	YP/AJ	Not Ok
21	AR1254ICC750	PO090952.D	26 Nov 2022 01:48	YP/AJ	Not Ok
22	AR1254ICC500	PO090953.D	26 Nov 2022 02:05	YP/AJ	Ok
23	AR1254ICC250	PO090954.D	26 Nov 2022 02:22	YP/AJ	Not Ok



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112522

Review By	yogesh	Review On	11/28/2022 8:59:30 AM
Supervise By	Ankita	Supervise On	11/28/2022 12:58:36 PM
SubDirectory	PO112522	HP Acquire Method	HP Processing Method PO112522

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460
CCC	PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458
Internal Standard/PEM	
ICV/I.BLK	PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	AR1254ICC050	PO090955.D	26 Nov 2022 02:39	YP/AJ	Not Ok
25	AR1262ICC500	PO090956.D	26 Nov 2022 02:56	YP/AJ	Ok,M
26	AR1268ICC1000	PO090957.D	26 Nov 2022 03:13	YP/AJ	Ok
27	AR1268ICC750	PO090958.D	26 Nov 2022 03:30	YP/AJ	Ok
28	AR1268ICC500	PO090959.D	26 Nov 2022 03:47	YP/AJ	Ok
29	AR1268ICC250	PO090960.D	26 Nov 2022 04:04	YP/AJ	Ok
30	AR1268ICC050	PO090961.D	26 Nov 2022 04:21	YP/AJ	Ok
31	PO112522ICV500	PO090962.D	26 Nov 2022 04:38	YP/AJ	Ok
32	AR1242ICV500	PO090963.D	26 Nov 2022 04:55	YP/AJ	Ok
33	AR1248ICV500	PO090964.D	26 Nov 2022 05:12	YP/AJ	Ok
34	AR1254ICV500	PO090965.D	26 Nov 2022 05:29	YP/AJ	Ok
35	AR1268ICV500	PO090966.D	26 Nov 2022 05:46	YP/AJ	Ok

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121322

Review By	yogesh	Review On	12/14/2022 9:08:14 AM
Supervise By	Ankita	Supervise On	12/14/2022 9:13:39 AM
SubDirectory	PO121322	HP Acquire Method	HP Processing Method PO112522
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460		
CCC	PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458		
Internal Standard/PEM			
ICV/I.BLK	PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO091284.D	13 Dec 2022 08:56	YP/AJ	Ok
2	AR1660CCC500	PO091285.D	13 Dec 2022 09:13	YP/AJ	Ok
3	AR1242CCC500	PO091286.D	13 Dec 2022 09:30	YP/AJ	Ok
4	AR1248CCC500	PO091287.D	13 Dec 2022 09:47	YP/AJ	Ok
5	AR1254CCC500	PO091288.D	13 Dec 2022 10:04	YP/AJ	Ok
6	I.BLK	PO091289.D	13 Dec 2022 10:21	YP/AJ	Ok
7	N5975-01DL	PO091290.D	13 Dec 2022 10:38	YP/AJ	Ok,M
8	N5988-04	PO091291.D	13 Dec 2022 11:16	YP/AJ	Ok,M
9	PB149585BL	PO091292.D	13 Dec 2022 11:36	YP/AJ	Ok
10	PB149585BS	PO091293.D	13 Dec 2022 11:53	YP/AJ	Ok,M
11	PB149585BSD	PO091294.D	13 Dec 2022 12:10	YP/AJ	Ok,M
12	N6005-01	PO091295.D	13 Dec 2022 12:27	YP/AJ	ReRun
13	N6005-01RE	PO091296.D	13 Dec 2022 13:05	YP/AJ	Confirms
14	AR1660CCC500	PO091297.D	13 Dec 2022 13:22	YP/AJ	Ok
15	AR1242CCC500	PO091298.D	13 Dec 2022 13:39	YP/AJ	Ok
16	AR1248CCC500	PO091299.D	13 Dec 2022 13:56	YP/AJ	Ok
17	AR1254CCC500	PO091300.D	13 Dec 2022 14:13	YP/AJ	Ok
18	I.BLK	PO091301.D	13 Dec 2022 14:30	YP/AJ	Ok
19	PB149582BL	PO091302.D	13 Dec 2022 14:47	YP/AJ	Ok
20	PB149582BS	PO091303.D	13 Dec 2022 15:04	YP/AJ	Ok
21	N5992-01	PO091304.D	13 Dec 2022 15:21	YP/AJ	Ok
22	N5992-02	PO091305.D	13 Dec 2022 15:38	YP/AJ	Ok
23	N5992-03	PO091306.D	13 Dec 2022 15:55	YP/AJ	Ok



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121322

Review By	yogesh	Review On	12/14/2022 9:08:14 AM
Supervise By	Ankita	Supervise On	12/14/2022 9:13:39 AM
SubDirectory	PO121322	HP Acquire Method	HP Processing Method PO112522

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460
CCC	PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458
Internal Standard/PEM	
ICV/I.BLK	PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	N5995-01	PO091307.D	13 Dec 2022 16:12	YP/AJ	Ok
25	N6007-01	PO091308.D	13 Dec 2022 16:29	YP/AJ	Ok,M
26	N6022-01	PO091309.D	13 Dec 2022 16:46	YP/AJ	Ok
27	N6023-01	PO091310.D	13 Dec 2022 17:03	YP/AJ	Ok,M
28	N6024-01	PO091311.D	13 Dec 2022 17:20	YP/AJ	Ok
29	AR1660CCC500	PO091312.D	13 Dec 2022 18:34	YP/AJ	Ok
30	AR1242CCC500	PO091313.D	13 Dec 2022 18:52	YP/AJ	Ok
31	AR1248CCC500	PO091314.D	13 Dec 2022 19:08	YP/AJ	Ok
32	AR1254CCC500	PO091315.D	13 Dec 2022 19:25	YP/AJ	Ok
33	I.BLK	PO091316.D	13 Dec 2022 19:42	YP/AJ	Ok
34	N6024-01MS	PO091317.D	13 Dec 2022 19:59	YP/AJ	Ok
35	N6024-01MSD	PO091318.D	13 Dec 2022 20:16	YP/AJ	Ok
36	N6024-04	PO091319.D	13 Dec 2022 20:33	YP/AJ	Ok
37	N6025-01	PO091320.D	13 Dec 2022 20:50	YP/AJ	Ok
38	PB149587BL	PO091321.D	13 Dec 2022 21:07	YP/AJ	Ok
39	PB149587BS	PO091322.D	13 Dec 2022 21:24	YP/AJ	Ok
40	AR1660CCC500	PO091323.D	13 Dec 2022 22:10	YP/AJ	Ok
41	AR1242CCC500	PO091324.D	13 Dec 2022 22:27	YP/AJ	Not Ok
42	AR1248CCC500	PO091325.D	13 Dec 2022 22:44	YP/AJ	Ok
43	AR1254CCC500	PO091326.D	13 Dec 2022 23:01	YP/AJ	Ok
44	I.BLK	PO091327.D	13 Dec 2022 23:18	YP/AJ	Ok
45	N6010-01	PO091328.D	13 Dec 2022 23:35	YP/AJ	Ok
46	N6010-02	PO091329.D	13 Dec 2022 23:52	YP/AJ	Ok
47	N6010-03	PO091330.D	14 Dec 2022 00:09	YP/AJ	Ok
48	N6011-01	PO091331.D	14 Dec 2022 00:26	YP/AJ	Ok,M



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121322

Review By	yogesh	Review On	12/14/2022 9:08:14 AM
Supervise By	Ankita	Supervise On	12/14/2022 9:13:39 AM
SubDirectory	PO121322	HP Acquire Method	HP Processing Method PO112522

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,P P20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP 20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460
CCC	PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458
Internal Standard/PEM	
ICV/I.BLK	PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	N6012-01	PO091332.D	14 Dec 2022 00:43	YP/AJ	Ok,M
50	AR1660CCC500	PO091333.D	14 Dec 2022 01:57	YP/AJ	Ok
51	AR1248CCC500	PO091334.D	14 Dec 2022 03:30	YP/AJ	Ok
52	AR1254CCC500	PO091335.D	14 Dec 2022 03:47	YP/AJ	Ok
53	I.BLK	PO091336.D	14 Dec 2022 04:04	YP/AJ	Ok

M : Manual Integration



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112522

Review By	yogesh	Review On	11/28/2022 8:59:30 AM				
Supervise By	Ankita	Supervise On	11/28/2022 12:58:36 PM				
SubDirectory	PO112522	HP Acquire Method	HP Processing Method		PO112522		
STD. NAME		STD REF.#					
Tune/Reschk		PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460					
Initial Calibration Stds							
CCC							
Internal Standard/PEM							
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard		PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458					
LCS Standard							
PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO090932.D	25 Nov 2022 20:07		YP/AJ	Ok
2	I.BLK	I.BLK	PO090933.D	25 Nov 2022 20:24		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO090934.D	25 Nov 2022 20:41		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO090935.D	25 Nov 2022 20:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO090936.D	25 Nov 2022 21:15		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO090937.D	25 Nov 2022 21:33		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO090938.D	25 Nov 2022 21:50		YP/AJ	Ok
8	AR1221ICC500	AR1221ICC500	PO090939.D	25 Nov 2022 22:06		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO090940.D	25 Nov 2022 22:23		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO090941.D	25 Nov 2022 22:41		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO090942.D	25 Nov 2022 22:58		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO090943.D	25 Nov 2022 23:15		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO090944.D	25 Nov 2022 23:32		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO090945.D	25 Nov 2022 23:49		YP/AJ	Ok
15	AR1248ICC1000	AR1248ICC1000	PO090946.D	26 Nov 2022 00:06		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO090947.D	26 Nov 2022 00:23		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO090948.D	26 Nov 2022 00:40		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO090949.D	26 Nov 2022 00:57		YP/AJ	Ok
19	AR1248ICC050	AR1248ICC050	PO090950.D	26 Nov 2022 01:14		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO112522

Review By	yogesh	Review On	11/28/2022 8:59:30 AM					
Supervise By	Ankita	Supervise On	11/28/2022 12:58:36 PM					
SubDirectory	PO112522	HP Acquire Method	HP Processing Method		PO112522			
STD. NAME		STD REF.#						
Tune/Reschk		PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460						
Initial Calibration Stds								
CCC								
Internal Standard/PEM								
ICV/I.BLK								
Surrogate Standard								
MS/MSD Standard		PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458						
LCS Standard								
20	AR1254ICC1000	AR1254ICC1000	PO090951.D	26 Nov 2022 01:31		YP/AJ	Not Ok	
21	AR1254ICC750	AR1254ICC750	PO090952.D	26 Nov 2022 01:48		YP/AJ	Not Ok	
22	AR1254ICC500	AR1254ICC500	PO090953.D	26 Nov 2022 02:05	5 points analyzed on PO112822	YP/AJ	Ok	
23	AR1254ICC250	AR1254ICC250	PO090954.D	26 Nov 2022 02:22		YP/AJ	Not Ok	
24	AR1254ICC050	AR1254ICC050	PO090955.D	26 Nov 2022 02:39		YP/AJ	Not Ok	
25	AR1262ICC500	AR1262ICC500	PO090956.D	26 Nov 2022 02:56		YP/AJ	Ok,M	
26	AR1268ICC1000	AR1268ICC1000	PO090957.D	26 Nov 2022 03:13		YP/AJ	Ok	
27	AR1268ICC750	AR1268ICC750	PO090958.D	26 Nov 2022 03:30		YP/AJ	Ok	
28	AR1268ICC500	AR1268ICC500	PO090959.D	26 Nov 2022 03:47		YP/AJ	Ok	
29	AR1268ICC250	AR1268ICC250	PO090960.D	26 Nov 2022 04:04		YP/AJ	Ok	
30	AR1268ICC050	AR1268ICC050	PO090961.D	26 Nov 2022 04:21		YP/AJ	Ok	
31	PO112522ICV500	ICVPO112522	PO090962.D	26 Nov 2022 04:38		YP/AJ	Ok	
32	AR1242ICV500	ICVPO112522AR1242	PO090963.D	26 Nov 2022 04:55		YP/AJ	Ok	
33	AR1248ICV500	ICVPO112522AR1248	PO090964.D	26 Nov 2022 05:12		YP/AJ	Ok	
34	AR1254ICV500	ICVPO112522AR1254	PO090965.D	26 Nov 2022 05:29		YP/AJ	Ok	
35	AR1268ICV500	ICVPO112522AR1268	PO090966.D	26 Nov 2022 05:46		YP/AJ	Ok	

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121322

Review By	yogesh	Review On	12/14/2022 9:08:14 AM				
Supervise By	Ankita	Supervise On	12/14/2022 9:13:39 AM				
SubDirectory	PO121322	HP Acquire Method	HP Processing Method		PO112522		
STD. NAME		STD REF.#					
Tune/Reschk		PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460					
Initial Calibration Stds							
CCC							
Internal Standard/PEM							
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard		PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458					
LCS Standard							
PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478							

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO091284.D	13 Dec 2022 08:56		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO091285.D	13 Dec 2022 09:13		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO091286.D	13 Dec 2022 09:30		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO091287.D	13 Dec 2022 09:47		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO091288.D	13 Dec 2022 10:04		YP/AJ	Ok
6	I.BLK	I.BLK	PO091289.D	13 Dec 2022 10:21		YP/AJ	Ok
7	N5975-01DL	330DL	PO091290.D	13 Dec 2022 10:38		YP/AJ	Ok,M
8	N5988-04	2719	PO091291.D	13 Dec 2022 11:16		YP/AJ	Ok,M
9	PB149585BL	PB149585BL	PO091292.D	13 Dec 2022 11:36		YP/AJ	Ok
10	PB149585BS	PB149585BS	PO091293.D	13 Dec 2022 11:53		YP/AJ	Ok,M
11	PB149585BSD	PB149585BSD	PO091294.D	13 Dec 2022 12:10		YP/AJ	Ok,M
12	N6005-01	TP	PO091295.D	13 Dec 2022 12:27	surrogate fail	YP/AJ	ReRun
13	N6005-01RE	TPRE	PO091296.D	13 Dec 2022 13:05	surrogate fail	YP/AJ	Confirm
14	AR1660CCC500	AR1660CCC500	PO091297.D	13 Dec 2022 13:22		YP/AJ	Ok
15	AR1242CCC500	AR1242CCC500	PO091298.D	13 Dec 2022 13:39		YP/AJ	Ok
16	AR1248CCC500	AR1248CCC500	PO091299.D	13 Dec 2022 13:56		YP/AJ	Ok
17	AR1254CCC500	AR1254CCC500	PO091300.D	13 Dec 2022 14:13		YP/AJ	Ok
18	I.BLK	I.BLK	PO091301.D	13 Dec 2022 14:30		YP/AJ	Ok
19	PB149582BL	PB149582BL	PO091302.D	13 Dec 2022 14:47		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121322

Review By	yogesh	Review On	12/14/2022 9:08:14 AM					
Supervise By	Ankita	Supervise On	12/14/2022 9:13:39 AM					
SubDirectory	PO121322	HP Acquire Method	HP Processing Method		PO112522			
STD. NAME		STD REF.#						
Tune/Reschk		PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460						
Initial Calibration Stds								
CCC								
Internal Standard/PEM								
ICV/I.BLK								
Surrogate Standard								
MS/MSD Standard		PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458						
LCS Standard		PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478						
20	PB149582BS	PB149582BS	PO091303.D	13 Dec 2022 15:04		YP/AJ	Ok	
21	N5992-01	AOC2-B4-V1	PO091304.D	13 Dec 2022 15:21		YP/AJ	Ok	
22	N5992-02	AOC2-B4-S5	PO091305.D	13 Dec 2022 15:38		YP/AJ	Ok	
23	N5992-03	AOC2-B4-W5	PO091306.D	13 Dec 2022 15:55		YP/AJ	Ok	
24	N5995-01	1282022-B1-S1	PO091307.D	13 Dec 2022 16:12		YP/AJ	Ok	
25	N6007-01	MOO-CONCRETE-121	PO091308.D	13 Dec 2022 16:29	AR1248, AR1260 hits,	YP/AJ	Ok,M	
26	N6022-01	EO-01-121222	PO091309.D	13 Dec 2022 16:46		YP/AJ	Ok	
27	N6023-01	WASTE	PO091310.D	13 Dec 2022 17:03	AR1260 hits	YP/AJ	Ok,M	
28	N6024-01	TP-Q	PO091311.D	13 Dec 2022 17:20		YP/AJ	Ok	
29	AR1660CCC500	AR1660CCC500	PO091312.D	13 Dec 2022 18:34		YP/AJ	Ok	
30	AR1242CCC500	AR1242CCC500	PO091313.D	13 Dec 2022 18:52		YP/AJ	Ok	
31	AR1248CCC500	AR1248CCC500	PO091314.D	13 Dec 2022 19:08		YP/AJ	Ok	
32	AR1254CCC500	AR1254CCC500	PO091315.D	13 Dec 2022 19:25		YP/AJ	Ok	
33	I.BLK	I.BLK	PO091316.D	13 Dec 2022 19:42		YP/AJ	Ok	
34	N6024-01MS	TP-QMS	PO091317.D	13 Dec 2022 19:59		YP/AJ	Ok	
35	N6024-01MSD	TP-QMSD	PO091318.D	13 Dec 2022 20:16		YP/AJ	Ok	
36	N6024-04	MH-21	PO091319.D	13 Dec 2022 20:33		YP/AJ	Ok	
37	N6025-01	NB-07-121222	PO091320.D	13 Dec 2022 20:50		YP/AJ	Ok	
38	PB149587BL	PB149587BL	PO091321.D	13 Dec 2022 21:07		YP/AJ	Ok	
39	PB149587BS	PB149587BS	PO091322.D	13 Dec 2022 21:24		YP/AJ	Ok	

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO121322

Review By	yogesh	Review On	12/14/2022 9:08:14 AM				
Supervise By	Ankita	Supervise On	12/14/2022 9:13:39 AM				
SubDirectory	PO121322	HP Acquire Method	HP Processing Method		PO112522		
STD. NAME		STD REF.#					
Tune/Reschk		PP20421,PP20422,PP20423,PP20424,PP20425,PP20426,PP20427,PP20428,PP20429,PP20430,PP20431,PP20432,PP20433,PP20434,PP20435,PP20436,PP20437,PP20438,PP20439,PP20440,PP20441,PP20442,PP20443,PP20444,PP20445,PP20446,PP20447,PP20448,PP20449,PP20450,PP20451,PP20452,PP20453,PP20454,PP20455,PP20456,PP20457,PP20458,PP20459,PP20460					
Initial Calibration Stds							
CCC							
Internal Standard/PEM							
ICV/I.BLK							
Surrogate Standard							
MS/MSD Standard							
LCS Standard		PP20423,PP20428,PP20433,PP20438,PP20443,PP20448,PP20453,PP20458					
		PP20463,PP20465,PP20469,PP20471,PP20472,PP20474,PP20476,PP20478					

40	AR1660CCC500	AR1660CCC500	PO091323.D	13 Dec 2022 22:10		YP/AJ	Ok
41	AR1242CCC500	AR1242CCC500	PO091324.D	13 Dec 2022 22:27	injection error	YP/AJ	Not Ok
42	AR1248CCC500	AR1248CCC500	PO091325.D	13 Dec 2022 22:44		YP/AJ	Ok
43	AR1254CCC500	AR1254CCC500	PO091326.D	13 Dec 2022 23:01		YP/AJ	Ok
44	I.BLK	I.BLK	PO091327.D	13 Dec 2022 23:18		YP/AJ	Ok
45	N6010-01	PCB-120722-01	PO091328.D	13 Dec 2022 23:35		YP/AJ	Ok
46	N6010-02	PCB-120722-02	PO091329.D	13 Dec 2022 23:52		YP/AJ	Ok
47	N6010-03	PCB-120722-03	PO091330.D	14 Dec 2022 00:09		YP/AJ	Ok
48	N6011-01	PCB-12922-01	PO091331.D	14 Dec 2022 00:26	AR1254 hits	YP/AJ	Ok,M
49	N6012-01	PCB12622-01	PO091332.D	14 Dec 2022 00:43	AR1254 & AR1260 hits,	YP/AJ	Ok,M
50	AR1660CCC500	AR1660CCC500	PO091333.D	14 Dec 2022 01:57		YP/AJ	Ok
51	AR1248CCC500	AR1248CCC500	PO091334.D	14 Dec 2022 03:30		YP/AJ	Ok
52	AR1254CCC500	AR1254CCC500	PO091335.D	14 Dec 2022 03:47		YP/AJ	Ok
53	I.BLK	I.BLK	PO091336.D	14 Dec 2022 04:04		YP/AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/13/2022

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 12/12/2022
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 12/13/2022
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB123208

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
N5992-01	AOC2-B4-V1	1	1.11	8.69	9.8	9.77	99.7	
N5992-02	AOC2-B4-S5	2	1.14	8.43	9.57	9.55	99.8	
N5992-03	AOC2-B4-W5	3	1.13	8.57	9.7	9.69	99.9	
N5993-01	AOC1-B5-V1	4	0.92	8.65	9.57	9.54	99.7	
N5993-02	AOC1-N5	5	0.92	8.62	9.54	9.53	99.9	
N5993-03	AOC1-E5	6	1.11	8.39	9.5	9.49	99.9	
N5993-04	AOC1-S5	7	1.17	8.62	9.79	9.75	99.5	
N5993-05	AOC1-W5	8	0.92	8.94	9.86	9.84	99.8	
N5993-06	AOC2-B1-V1	9	0.93	8.81	9.74	9.73	99.9	
N5993-07	AOC2-B1-N5	10	0.91	8.86	9.77	9.76	99.9	
N5993-08	AOC2-B1-W5	11	1.11	8.47	9.58	9.57	99.9	
N5994-01	AOC6-B1	12	0.92	8.92	9.84	9.09	91.6	
N5994-02	AOC6-B2	13	0.92	8.74	9.66	8.94	91.8	
N5994-03	AOC6-B2-E10A	14	1.13	8.55	9.68	8.59	87.3	
N5994-04	AOC6-B4	15	0.89	8.67	9.56	8.63	89.3	
N5994-05	AOC6-B4-W10A	16	0.89	8.86	9.75	8.12	81.6	
N5994-06	AOC6-B5	17	0.96	8.98	9.94	9.31	93.0	
N5994-07	AOC6-B5-N10A	18	0.93	8.88	9.81	9.34	94.7	
N5994-08	AOC6-B2-E10B	19	0.93	9.03	9.96	7.72	75.2	
N5994-09	AOC6-B2-E20A	20	0.93	8.71	9.64	8.99	92.5	
N5994-10	AOC6-B2-E20B	21	1.14	8.54	9.68	7.89	79.0	
N5994-11	AOC6-B4-W10B	22	0.93	8.82	9.75	8.43	85.0	
N5994-12	AOC6-B4-W20A	23	0.92	8.80	9.72	8.72	88.6	
N5994-13	AOC6-B4-W20B	24	0.93	8.60	9.53	7.32	74.3	
N5994-14	AOC6-B5-N10B	25	1.15	8.63	9.78	8.29	82.7	
N5994-15	AOC6-B5-N20A	26	0.89	8.99	9.88	9.37	94.3	
N5994-16	AOC6-B5-N20B	27	0.92	8.73	9.65	8.03	81.4	
N5995-01	1282022-B1-S1	28	1.16	8.74	9.9	9.31	93.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/13/2022

OVENTEMP IN Celsius(°C): 107
Time IN: 17:00
In Date: 12/12/2022
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:28
Out Date: 12/13/2022
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB123208

Lab ID	Client SampleID	Dish #	Dish Wt(g) (A)	Sample Wt(g)	Dish + Sample Wt(g) (B)	Dish+Dry Sample Wt(g) (C)	% Solid	Comments
N6007-01	MOO-CONCRETE-1212	34	1.00	1.00	2.00	2.00	100.0	CONCRETE SAMPLE
N6010-01	PCB-120722-01	29	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
N6010-02	PCB-120722-02	30	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
N6010-03	PCB-120722-03	31	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
N6011-01	PCB-12922-01	32	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
N6012-01	PCB12622-01	33	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
N6022-01	EO-01-121222	36	0.91	8.79	9.7	8.57	87.1	
N6022-02	EO-01-121222-EPH-2	37	0.91	8.79	9.7	8.57	87.1	
N6023-01	WASTE	35	1.16	8.61	9.77	8.66	87.1	
N6024-01	TP-Q	38	0.91	9.05	9.96	8.9	88.3	
N6024-03	TP-Q-EPH	39	1.15	8.49	9.64	8.37	85.0	
N6024-04	MH-21	40	0.93	8.63	9.56	8.56	88.4	
N6024-06	MH-21-EPH	41	0.93	9.05	9.98	8.86	87.6	
N6025-01	NB-07-121222	42	1.18	8.66	9.84	8.91	89.3	
N6025-02	NB-07-121222-EPH-2	43	1.18	8.66	9.84	8.91	89.3	

$$\% \text{ Solid} = \frac{(C-A) * 100}{(B-A)}$$

WORKLIST(Hardcopy Internal Chain)

123208

WorkList Name : %1-121222

WorkList ID : 165682

Department : Wet-Chemistry

Date : 12-12-2022 08:47:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/18/2022	Solid	N5992-01	Percent Solids	Cool 4 deg C	REMI02	M13	AOC2-B4-V1	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5992-02	Percent Solids	Cool 4 deg C	REMI02	M13	AOC2-B4-S5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5992-03	Percent Solids	Cool 4 deg C	REMI02	M13	AOC2-B4-W5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-01	Percent Solids	Cool 4 deg C	REMI02	M13	AOC1-B5-V1	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-02	Percent Solids	Cool 4 deg C	REMI02	M13	AOC1-N5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-03	Percent Solids	Cool 4 deg C	REMI02	M13	AOC1-E5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-04	Percent Solids	Cool 4 deg C	REMI02	M13	AOC1-S5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-05	Percent Solids	Cool 4 deg C	REMI02	M13	AOC1-W5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-06	Percent Solids	Cool 4 deg C	REMI02	M13	AOC2-B1-V1	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-07	Percent Solids	Cool 4 deg C	REMI02	M13	AOC2-B1-N5	12/08/2022	Chemtech -SO
12/18/2022	Solid	N5993-08	Percent Solids	Cool 4 deg C	REMI02	M13	AOC2-B1-W5	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-01	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B1	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-02	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B2	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-03	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B2-E10A	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-04	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B4	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-05	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B4-W10A	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-06	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B5	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-07	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B5-N10A	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-08	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B2-E10B	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-09	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B2-E20A	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-10	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B2-E20B	12/08/2022	Chemtech -SO

Date/Time 12.12.22 15:45
 Raw Sample Received by: J0(woc)
 Raw Sample Relinquished by: CR SM

Date/Time 12.12.22 17:10
 Raw Sample Received by: CR SM
 Raw Sample Relinquished by: J0(woc)

WORKLIST(Hardcopy Internal Chain)

123208

WorkList Name : %1-121222

WorkList ID : 165682

Department : Wet-Chemistry

Date : 12-12-2022 08:47:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/16/2022	Solid	N5994-11	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B4-W10B	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-12	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B4-W20A	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-13	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B4-W20B	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-14	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B5-N10B	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-15	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B5-N20A	12/08/2022	Chemtech -SO
12/16/2022	Solid	N5994-16	Percent Solids	Cool 4 deg C	REMI02	M13	AOC6-B5-N20B	12/08/2022	Chemtech -SO
12/14/2022	Solid	N5995-01	Percent Solids	Cool 4 deg C	REMI02	M13	1282022-B1-S1	12/08/2022	Chemtech -SO
12/15/2022	Solid	N6007-01	Percent Solids	Cool 4 deg C	PSEG03	M21	MOO-CONCRETE-1212	12/08/2022	Chemtech -SO
12/17/2022	Solid	N6010-01	Percent Solids	Cool 4 deg C	CLOU03	M21	PCB-120722-01	12/12/2022	Chemtech -SO
12/17/2022	Solid	N6010-02	Percent Solids	Cool 4 deg C	CLOU03	M21	PCB-120722-02	12/07/2022	Chemtech -SO
12/17/2022	Solid	N6010-03	Percent Solids	Cool 4 deg C	CLOU03	M21	PCB-120722-03	12/07/2022	Chemtech -SO
12/19/2022	Solid	N6011-01	Percent Solids	Cool 4 deg C	CLOU03	M21	PCB-12922-01	12/07/2022	Chemtech -SO
12/16/2022	Solid	N6012-01	Percent Solids	Cool 4 deg C	CLOU03	M21	PCB-12622-01	12/09/2022	Chemtech -SO
12/15/2022	Solid	N6022-01	Percent Solids	Cool 4 deg C	PSEG05	M21	EO-01-121222	12/06/2022	Chemtech -SO
12/15/2022	Solid	N6022-02	Percent Solids	Cool 4 deg C	PSEG05	M21	EO-01-121222-EPH-2	12/12/2022	Chemtech -SO
12/15/2022	Solid	N6023-01	Percent Solids	Cool 4 deg C	RMJE02	M21	WASTE	12/12/2022	Chemtech -SO
12/19/2022	Solid	N6024-01	Percent Solids	Cool 4 deg C	PSEG03	M21	TP-Q	12/12/2022	Chemtech -SO
12/19/2022	Solid	N6024-03	Percent Solids	Cool 4 deg C	PSEG03	M21	TP-Q-EPH	12/12/2022	Chemtech -SO
12/19/2022	Solid	N6024-04	Percent Solids	Cool 4 deg C	PSEG03	M21	MH-21	12/12/2022	Chemtech -SO
12/19/2022	Solid	N6024-06	Percent Solids	Cool 4 deg C	PSEG03	M21	MH-21-EPH	12/12/2022	Chemtech -SO
12/15/2022	Solid	N6025-01	Percent Solids	Cool 4 deg C	PSEG05	M21	NB-07-121222	12/12/2022	Chemtech -SO

Date/Time 12.12.22 15:45
 Raw Sample Received by: JPLWC
 Raw Sample Relinquished by: CFSM

Date/Time 12.12.22 17:10
 Raw Sample Received by: CFSM
 Raw Sample Relinquished by: JPLWC

WORKLIST(Hardcopy Internal Chain)

123208

WorkList Name : %1-121222 WorkList ID : 165682 Department : Wet-Chemistry Date : 12-12-2022 08:47:02

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
12/15/2022	Solid	N6025-02	Percent Solids	Cool 4 deg C	PSEG05	M21	NB-07-121222-EPH-2	12/12/2022	Chemtech -SO

Date/Time 12.12.22 15:45
 Raw Sample Received by: JDLWCJ
 Raw Sample Relinquished by: CP SM

Date/Time 12.12.22 17:10
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: JDLWCJ

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup **Extraction Start Date :** 12/13/2022

Matrix : Solid **Extraction Start Time :** 09:15

Weigh By: RJ **Extraction By:** RJ **Extraction End Date :** 12/13/2022

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 12:30

Balance ID: EX-SC-2 **pH Meter ID:** N/A **Concentration By:** RS

pH Strip Lot#: N/A **Hood ID:** 3,7 **Supervisor By :** rajesh

Extraction Method: ☐ Separatory Funnel ☐ Continuous Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP21181
Surrogate	1.0ML	200 PPB	PP21252
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2269
Baked Na2SO4	N/A	EP2279
Sand	N/A	E2865
Hexane	N/A	E3434
H2SO4 1:1	N/A	EP2260
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A **Envap ID:** NE VAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/13/22	Rp (Est. Lab)	R. Patel / PCBL
12/23/22	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 12/13/2022

Sample ID	Client Sample ID	Test	(g) mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB149582BL	ABLK582	PCB	30.01	N/A	ritesh	RUPESH	10			U7-1
PB149582BS	ALCS582	PCB	30.03	N/A	ritesh	RUPESH	10			2
N5992-01	AOC2-B4-V1	PCB	30.07	N/A	ritesh	RUPESH	10			3
N5992-02	AOC2-B4-S5	PCB	30.02	N/A	ritesh	RUPESH	10			4
N5992-03	AOC2-B4-W5	PCB	30.03	N/A	ritesh	RUPESH	10			5
N5995-01	1282022-B1-S1	PCB	30.08	N/A	ritesh	RUPESH	10	B		6
N6007-01	MOO-CONCRETE-1212	PCB	30.10	N/A	ritesh	RUPESH	10	B	Concrete	U1-1
N6022-01	EO-01-121222	PCB	30.04	N/A	ritesh	RUPESH	10	E		2
N6023-01	WASTE	PCB	30.06	N/A	ritesh	RUPESH	10	E		3
N6024-01	TP-Q	PCB	30.03	N/A	ritesh	RUPESH	10	E		4
N6024-01MS	TP-QMS	PCB	30.09	N/A	ritesh	RUPESH	10	E		5
N6024-01MS D	TP-QMSD	PCB	30.07	N/A	ritesh	RUPESH	10	E		6
N6024-04	MH-21	PCB	30.01	N/A	ritesh	RUPESH	10	E		U4-1
N6025-01	NB-07-121222	PCB	30.05	N/A	ritesh	RUPESH	10	E		2

* Extracts relinquished on the same date as received.

12/13/22

149582
9:15

WORKLIST(Hardcopy Internal Chain)

WorkList Name : N5992 WorkList ID : 165719 Department : Extraction Date : 12-13-2022 08:46:14

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample		Collect Date	Method
						Storage	Location		
12/22/2022	Solid	N5992-01	PCB	Cool 4 deg C	REMI02	M13	AOC2-B4-V1	12/08/2022	8082A
12/22/2022	Solid	N5992-02	PCB	Cool 4 deg C	REMI02	M13	AOC2-B4-S5	12/08/2022	8082A
12/22/2022	Solid	N5992-03	PCB	Cool 4 deg C	REMI02	M13	AOC2-B4-W5	12/08/2022	8082A
12/14/2022	Solid	N5995-01	PCB	Cool 4 deg C	REMI02	M13	1282022-B1-S1	12/08/2022	8082A
12/15/2022	Solid	N6007-01	PCB	Cool 4 deg C	PSEG03	M21	MOO-CONCRETE-1212	12/12/2022	8082A
12/15/2022	Solid	N6022-01	PCB	Cool 4 deg C	PSEG05	M21	EO-01-121222	12/12/2022	8082A
12/15/2022	Solid	N6023-01	PCB	Cool 4 deg C	RMJE02	M21	WASTE	12/12/2022	8082A
12/19/2022	Solid	N6024-01	PCB	Cool 4 deg C	PSEG03	M21	TP-Q	12/12/2022	8082A
12/19/2022	Solid	N6024-04	PCB	Cool 4 deg C	PSEG03	M21	MH-21	12/12/2022	8082A
12/15/2022	Solid	N6025-01	PCB	Cool 4 deg C	PSEG05	M21	NB-07-121222	12/12/2022	8082A

Date/Time 12/12/22 9:10
Raw Sample Received by: RJ (Ext. Lab)
Raw Sample Relinquished by: CP SM

Date/Time 12/12/22 9:30
Raw Sample Received by: CP SM
Raw Sample Relinquished by: RJ (Ext. Lab)

SHIPPING DOCUMENTS



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Maine	2022022
Maryland	296
New Hampshire	255422
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488-23-16