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

Cover Page

Order ID : O5252

Project ID : 245 Greenwood Ave

Client : RMJ Environomics, Inc.

Lab Sample Number	Client Sample Number
O5252-01	WASTE
O5252-03	WASTE-VOC

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: 11/25/2023

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

RMJ Environomics, Inc.
Project Name: 245 Greenwood Ave
Project # N/A
Chemtech Project # O5252
Test Name: PCB

A. Number of Samples and Date of Receipt:
2 Solid samples were received on 11/03/2023.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Cyanide, EPH, Mercury, Metals ICP-TAL, Paint Filter, PCB, Pesticide-TCL, SVOC-TCL BNA -20, TCL+30/TAL, TCLP Extraction, TCLP ICP Metals, TCLP Mercury, TCLP METALS and VOC-TCLVOA-10. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_O. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for P001-WC01-01MS [Decachlorobiphenyl(1) - 154%] this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Retention Times were acceptable for all samples.

The MS recoveries for {O5255-02MS} with File ID: PO099457.D met requirements for all samples except for AR1016[223%] and AR1260[-6417%] these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The MSD {O5255-03MSD} with File ID: PO099458.D recoveries met requirements for all samples except for AR1016[224%] and AR1260[-6465%] these compounds did not meet the NJDKQP criteria and in-house criteria due to matrix interference.

The RPD met criteria .
The Blank Spike met requirements for all samples .

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The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements .
The Continuous Calibration met the requirements .

E. Additional Comments:
The soil samples results are based on a dry weight basis.

As per special requirement for this project form-1 are reported in mg/kg.

This data package has been revised as Unit Changed.

F. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **O5252**

	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 Castody	✓
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:** **11/25/2023**

2nd Level QA Review Signature: _____ **Date:** _____

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284 Sheffield Street, Mountainside, New Jersey - 07092

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

LAB CHRONICLE

OrderID:	O5252	**OrderDate:**	11/3/2023 2:14:16 PM
Client:	RMJ Environomics, Inc.	**Project:**	245 Greenwood Ave
Contact:	Jonathan Pereira	**Location:**	I31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
O5252-01	**WASTE**	**SOIL**			**11/03/23**			**11/03/23**
			PCB	8082A		11/06/23	11/06/23	
			Pesticide-TCL	8081B		11/06/23	11/06/23	
			EPH	NJEPH		11/07/23	11/08/23	

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Hit Summary Sheet
SW-846

SDG No.: O5252 **Order ID:** O5252

Client: RMJ Environomics, Inc. **Project ID:** 245 Greenwood Ave

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

Total Concentration: 0.000

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QC SUMMARY

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Surrogate Summary

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO098875.D	PIBLK-PO098875.D	Tetrachloro-m-xylene	1	20	17.4	87		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	18.1	91		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	17.0	85		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	18.7	94		70 (60)	130 (140)
I.BLK-PO099452.D	PIBLK-PO099452.D	Tetrachloro-m-xylene	1	20	19.2	96		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.8	119		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.9	94		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	21.0	105		70 (60)	130 (140)
O5255-02MS	P001-WC01-01MS	Tetrachloro-m-xylene	1	20	9.06	45		30 (40)	150 (162)
		Decachlorobiphenyl	1	20	30.7	154	*	30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	12.5	63		30 (40)	150 (162)
		Decachlorobiphenyl	2	20	22.1	110		30 (32)	150 (175)
O5255-03MSD	P001-WC01-01MSD	Tetrachloro-m-xylene	1	20	8.04	40		30 (40)	150 (162)
		Decachlorobiphenyl	1	20	28.9	145		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	12.8	64		30 (40)	150 (162)
		Decachlorobiphenyl	2	20	22.1	110		30 (32)	150 (175)
I.BLK-PO099464.D	PIBLK-PO099464.D	Tetrachloro-m-xylene	1	20	18.0	90		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	21.2	106		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	18.6	93		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	18.8	94		70 (60)	130 (140)
I.BLK-PP061281.D	PIBLK-PP061281.D	Tetrachloro-m-xylene	1	20	23.1	116		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	24.4	122		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	24.6	123		70 (60)	130 (140)
		Decachlorobiphenyl	2	20	24.4	122		70 (60)	130 (140)
I.BLK-PP061444.D	PIBLK-PP061444.D	Tetrachloro-m-xylene	1	20	26.7	133	*	70 (60)	130 (140)
		Decachlorobiphenyl	1	20	23.9	120		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	27.7	139	*	70 (60)	130 (140)
		Decachlorobiphenyl	2	20	22.6	113		70 (60)	130 (140)
PB156919BL	PB156919BL	Tetrachloro-m-xylene	1	20	21.9	110		30 (40)	150 (162)
		Decachlorobiphenyl	1	20	20.3	101		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.3	116		30 (40)	150 (162)
		Decachlorobiphenyl	2	20	19.6	98		30 (32)	150 (175)
PB156919BS	PB156919BS	Tetrachloro-m-xylene	1	20	23.2	116		30 (40)	150 (162)
		Decachlorobiphenyl	1	20	21.2	106		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	23.1	116		30 (40)	150 (162)
		Decachlorobiphenyl	2	20	20.4	102		30 (32)	150 (175)
O5252-01	WASTE	Tetrachloro-m-xylene	1	20	19.1	95		30 (40)	150 (162)
		Decachlorobiphenyl	1	20	17.7	88		30 (32)	150 (175)
		Tetrachloro-m-xylene	2	20	20.3	101		30 (40)	150 (162)
		Decachlorobiphenyl	2	20	16.5	82		30 (32)	150 (175)
I.BLK-PP061459.D	PIBLK-PP061459.D	Tetrachloro-m-xylene	1	20	18.2	91		70 (60)	130 (140)
		Decachlorobiphenyl	1	20	17.7	89		70 (60)	130 (140)
		Tetrachloro-m-xylene	2	20	19.8	99		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Surrogate Summary

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PP061459.D	PIBLK-PP061459.D	Decachlorobiphenyl	2	20	15.9	80		70 (60)	130 (140)

( ) = LABORATORY INHOUSE LIMIT

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8082A **DataFile :** PO099457.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**P001-WC01-01MS**											
O5255-02MS	AR1016	582.8	0	1300	ug/kg	223	*			40 (55)	140 (146)	
	AR1260	582.8	42000	4600	ug/kg	-6417	*			40 (33)	140 (175)	

( ) = LABORATORY INHOUSE LIMIT

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8082A **DataFile :** PO099458.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Client Sample ID:	**P001-WC01-01MSD**											
O5255-03MSD	AR1016	581.6	0	1300	ug/kg	224	*	0		40 (55)	140 (146)	30 (20)
	AR1260	581.6	42000	4400	ug/kg	-6465	*	1		40 (33)	140 (175)	30 (20)

( ) = LABORATORY INHOUSE LIMIT

CHEMTECH 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.: O5252

Client: RMJ Environomics, Inc.

Analytical Method: 8082A **Datafile :** PP061446.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB156919BS	AR1016	166.6	176	ug/kg	106				40 (71)	140 (120)	
	AR1260	166.6	157	ug/kg	94				40 (65)	140 (130)	

( ) = LABORATORY INHOUSE LIMIT

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

4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB156919BL

Lab Name: CHEMTECH Contract: RMJE02

Lab Code: CHEM Case No.: O5252 SAS No.: O5252 SDG NO.: O5252

Lab Sample ID: PB156919BL Lab File ID: PP061445.D

Matrix: (soil/water) Solid Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N Date Extracted: 11/06/2023

Date Analyzed (1): 11/06/2023 Date Analyzed (2): 11/06/2023

Time Analyzed (1): 13:28 Time Analyzed (2): 13:28

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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
P001-WC01-01MS	O5255-02MS	PO099457.D	11/07/2023	11/07/2023
P001-WC01-01MSD	O5255-03MSD	PO099458.D	11/07/2023	11/07/2023
PB156919BS	PB156919BS	PP061446.D	11/06/2023	11/06/2023
WASTE	O5252-01	PP061447.D	11/06/2023	11/06/2023

COMMENTS:

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SAMPLE DATA

Raw Data: **PP061447.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	WASTE	SDG No.:	O5252
Lab Sample ID:	O5252-01	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	90.6 Decanted:
Sample Wt/Vol:	30.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061447.D	1	11/06/23 09:10	11/06/23 14:00	PB156919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	0.0039	U	0.0039	0.019	mg/Kg
11104-28-2	Aroclor-1221	0.0065	U	0.0065	0.019	mg/Kg
11141-16-5	Aroclor-1232	0.0050	U	0.0050	0.019	mg/Kg
53469-21-9	Aroclor-1242	0.0034	U	0.0034	0.019	mg/Kg
12672-29-6	Aroclor-1248	0.0031	U	0.0031	0.019	mg/Kg
11097-69-1	Aroclor-1254	0.0041	U	0.0041	0.019	mg/Kg
37324-23-5	Aroclor-1262	0.0030	U	0.0030	0.019	mg/Kg
11100-14-4	Aroclor-1268	0.0036	U	0.0036	0.019	mg/Kg
11096-82-5	Aroclor-1260	0.0037	U	0.0037	0.019	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.3		30 (40) - 150 (162)	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.7		30 (32) - 150 (175)	88%	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

Sample Results: **PP061447.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 14:00
Operator : YP\AJ
Sample : 05252-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
WASTE

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:10:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.567	3.700	47143685	30302445	19.085	20.276
2)	SA Decachlor...	10.554	8.773	33331342	25303591	17.676m	16.477m
	Target Compounds						

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

Sample Results: **PP061447.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 14:00
Operator : YP\AJ
Sample : 05252-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

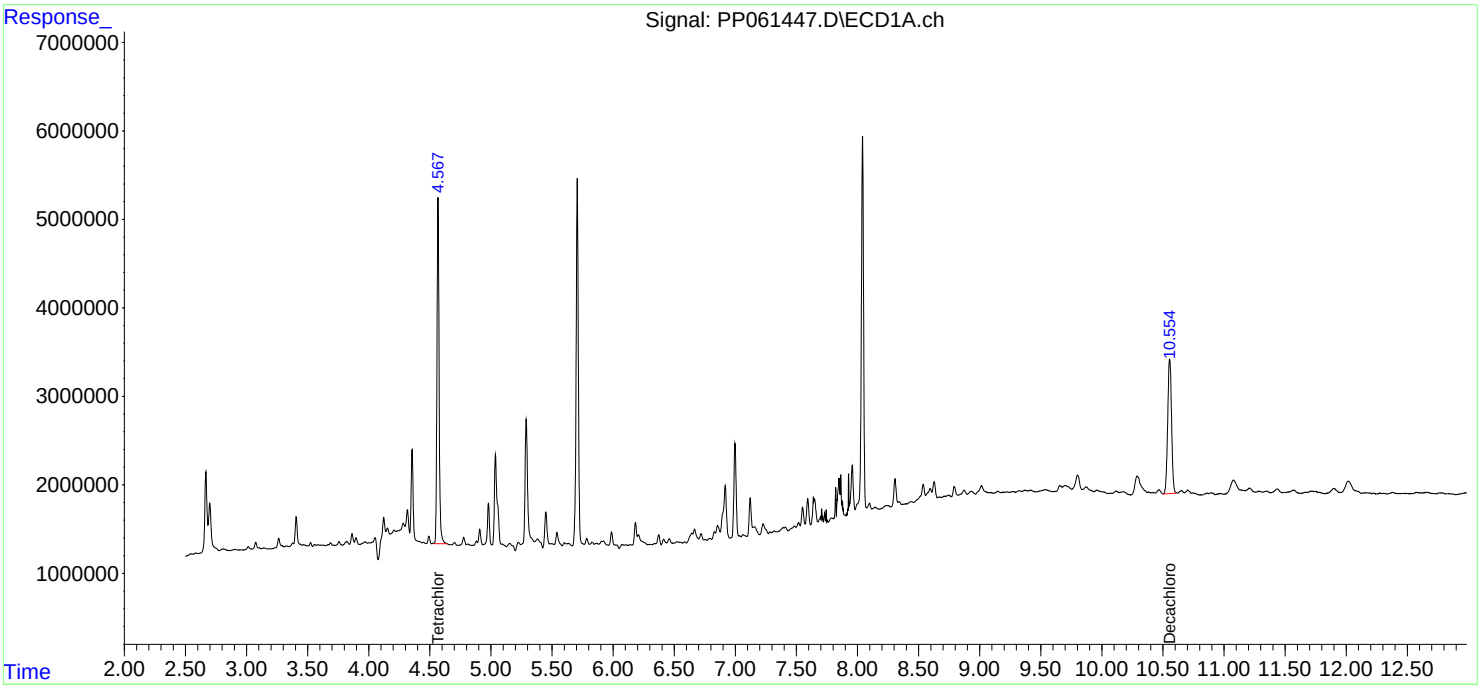
Instrument :
ECD_P
ClientSampleId :
WASTE

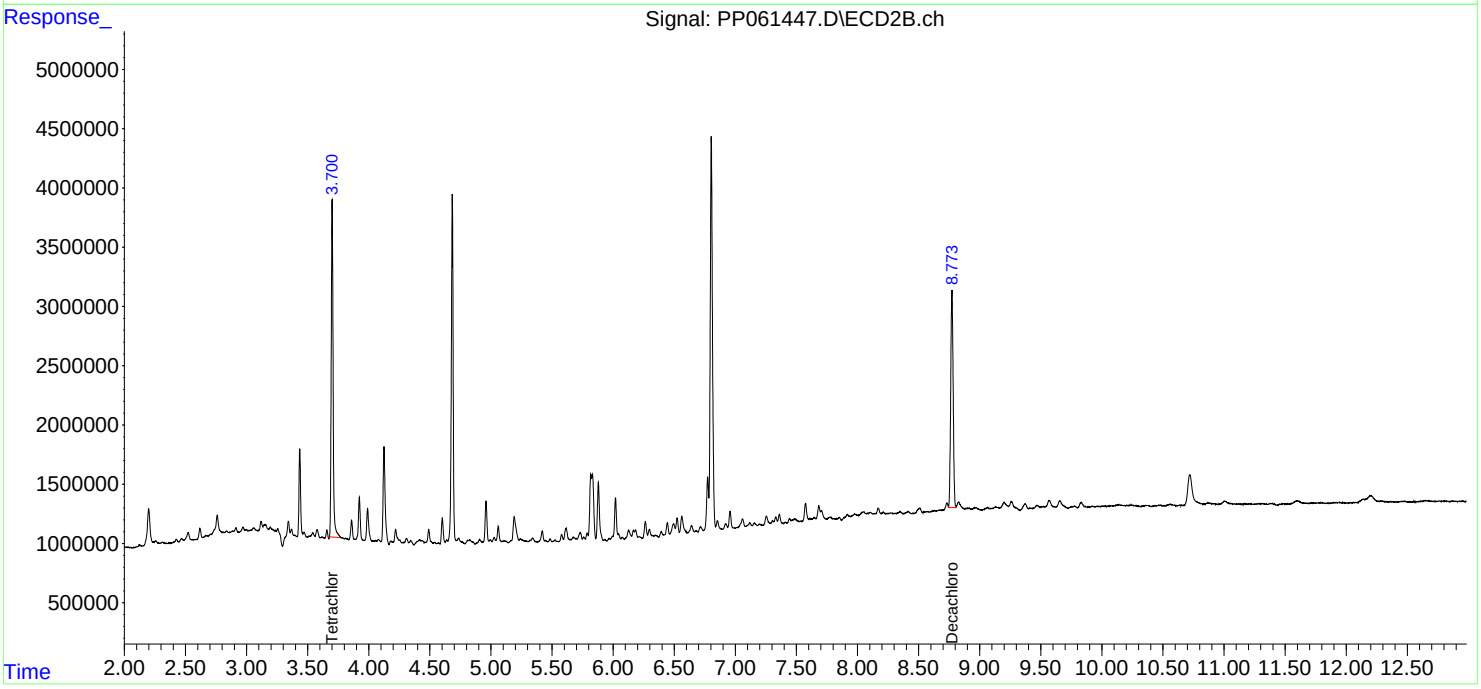
Manual Integrations APPROVED

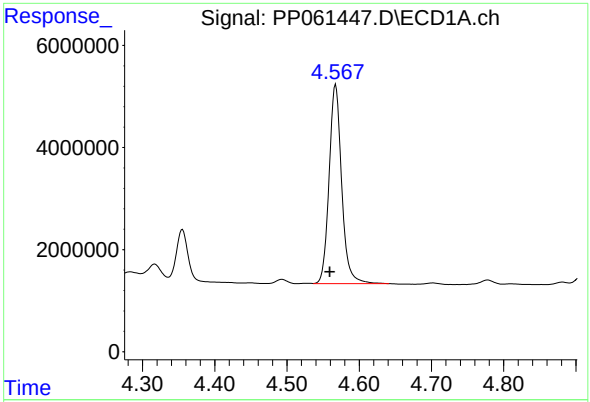
Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:10:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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







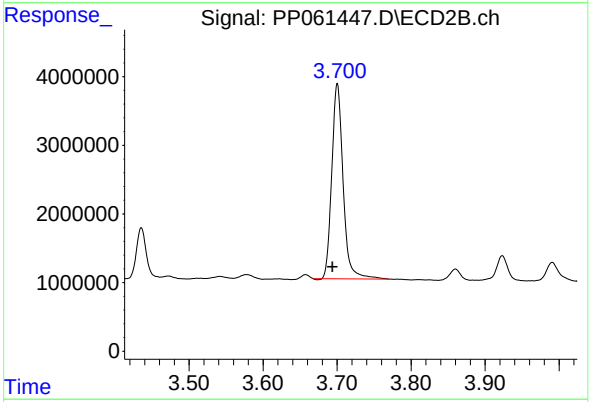
#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: 0.008 min
Response: 47143685
Conc: 19.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
WASTE

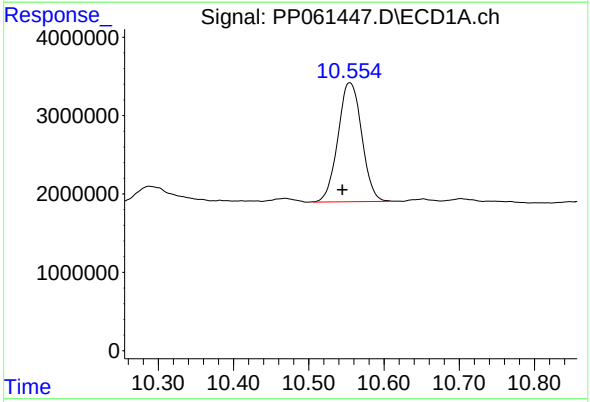
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



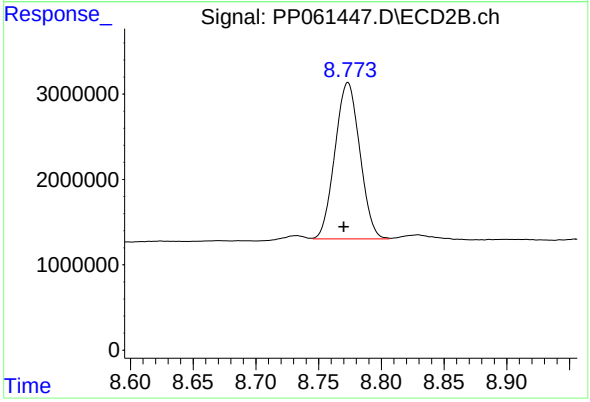
#1 Tetrachloro-m-xylene

R.T.: 3.700 min
Delta R.T.: 0.007 min
Response: 30302445
Conc: 20.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.554 min
Delta R.T.: 0.009 min
Response: 33331342
Conc: 17.68 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: 0.003 min
Response: 25303591
Conc: 16.48 ng/ml m

CHEMTECH

CALIBRATION SUMMARY

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

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

LAB FILE ID: RT 1000 = PO098876.D RT 750 = PO098877.D

RT 500 = PO098878.D RT 250 = PO098879.D RT 050 = PO098880.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1016-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1016-3	(3)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1016-4	(4)	5.84	5.84	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-5	(5)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1260-1	(1)	7.26	7.26	7.26	7.26	7.26	7.26	7.16	7.36
Aroclor-1260-2	(2)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1260-3	(3)	7.88	7.88	7.88	7.88	7.88	7.88	7.78	7.98
Aroclor-1260-4	(4)	8.10	8.11	8.10	8.10	8.10	8.10	8.00	8.20
Aroclor-1260-5	(5)	8.43	8.43	8.43	8.43	8.43	8.43	8.33	8.53
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1242-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1242-2	(2)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1242-3	(3)	5.74	5.74	5.74	5.74	5.74	5.74	5.64	5.84
Aroclor-1242-4	(4)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-5	(5)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1248-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1248-2	(2)	5.93	5.93	5.93	5.93	5.93	5.93	5.83	6.03
Aroclor-1248-3	(3)	6.13	6.13	6.13	6.13	6.13	6.13	6.03	6.23
Aroclor-1248-4	(4)	6.54	6.54	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1248-5	(5)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1254-1	(1)	6.51	6.51	6.51	6.51	6.51	6.51	6.41	6.61
Aroclor-1254-2	(2)	6.73	6.73	6.73	6.73	6.73	6.73	6.63	6.83
Aroclor-1254-3	(3)	7.10	7.09	7.09	7.09	7.09	7.09	6.99	7.19
Aroclor-1254-4	(4)	7.38	7.38	7.38	7.38	7.38	7.38	7.28	7.48
Aroclor-1254-5	(5)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Decachlorobiphenyl		10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene		4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1268-1	(1)	8.74	8.74	8.74	8.74	8.74	8.74	8.64	8.84
Aroclor-1268-2	(2)	8.84	8.84	8.84	8.84	8.84	8.84	8.74	8.94
Aroclor-1268-3	(3)	9.07	9.07	9.07	9.07	9.07	9.07	8.97	9.17
Aroclor-1268-4	(4)	9.51	9.51	9.51	9.51	9.51	9.51	9.41	9.61
Aroclor-1268-5	(5)	9.93	9.93	9.93	9.93	9.93	9.93	9.83	10.03

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.28	10.28	10.28	10.28	10.28	10.28	10.18	10.38
Tetrachloro-m-xylene	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58

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RETENTION TIMES OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

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

LAB FILE ID: RT 1000 = PO098876.D RT 750 = PO098877.D

RT 500 = PO098878.D RT 250 = PO098879.D RT 050 = PO098880.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1016-2	(2)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1016-3	(3)	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-4	(4)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-5	(5)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1260-1	(1)	6.20	6.19	6.20	6.19	6.19	6.19	6.09	6.29
Aroclor-1260-2	(2)	6.38	6.38	6.38	6.38	6.38	6.38	6.28	6.48
Aroclor-1260-3	(3)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1260-4	(4)	7.01	7.01	7.01	7.01	7.01	7.01	6.91	7.11
Aroclor-1260-5	(5)	7.25	7.25	7.25	7.25	7.25	7.25	7.15	7.35
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1242-1	(1)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1242-2	(2)	4.73	4.73	4.73	4.73	4.73	4.73	4.63	4.83
Aroclor-1242-3	(3)	4.91	4.91	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1242-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-5	(5)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1248-1	(1)	4.71	4.71	4.71	4.71	4.71	4.71	4.61	4.81
Aroclor-1248-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1248-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1248-4	(4)	5.16	5.16	5.16	5.16	5.16	5.16	5.06	5.26
Aroclor-1248-5	(5)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1254-1	(1)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1254-2	(2)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-3	(3)	6.06	6.06	6.06	6.06	6.06	6.06	5.96	6.16
Aroclor-1254-4	(4)	6.29	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1254-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene		3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73
Aroclor-1268-1	(1)	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Aroclor-1268-2	(2)	7.60	7.60	7.60	7.60	7.60	7.60	7.50	7.70
Aroclor-1268-3	(3)	7.80	7.80	7.80	7.80	7.80	7.80	7.70	7.90
Aroclor-1268-4	(4)	8.09	8.09	8.09	8.09	8.09	8.09	7.99	8.19
Aroclor-1268-5	(5)	8.38	8.38	8.38	8.38	8.38	8.38	8.28	8.48

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.63	8.63	8.63	8.63	8.63	8.63	8.53	8.73
Tetrachloro-m-xylene	3.63	3.63	3.63	3.63	3.63	3.63	3.53	3.73

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

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

LAB FILE ID: **CF 1000 =** PO098876.D **CF 750 =** PO098877.D

CF 500 = PO098878.D **CF 250 =** PO098879.D **CF 050 =** PO098880.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	49989028	52385553	55533822	59660416	57762880	55066340	7
Aroclor-1016-2	(2)	75287793	78136929	82145748	89947288	87931560	82689864	8
Aroclor-1016-3	(3)	47790640	49770840	52709266	55573040	51517080	51472173	6
Aroclor-1016-4	(4)	37181612	38653064	40933136	43845508	42603700	40643404	7
Aroclor-1016-5	(5)	39306982	41166875	43645748	46212632	41883400	42443127	6
Aroclor-1260-1	(1)	66021049	68641383	73335746	77991056	72315880	71661023	6
Aroclor-1260-2	(2)	71661854	74664931	78950758	85466964	83739600	78896821	7
Aroclor-1260-3	(3)	51485935	53851253	56122134	60003164	51602020	54612901	7
Aroclor-1260-4	(4)	59353646	61504485	64814452	68471968	59139200	62656750	6
Aroclor-1260-5	(5)	99124661	102285561	107421222	113030340	113216240	107015605	6
Decachlorobiphenyl		1060572420	1094172680	1149512640	1213102040	1146991200	1132870196	5
Tetrachloro-m-xylene		1863340870	1912555627	1987468500	2115545120	2000783600	1975938743	5
Aroclor-1242-1	(1)	41078299	40908460	43865588	46206632	44402180	43292232	5
Aroclor-1242-2	(2)	60714759	61098743	64536650	67340748	66545640	64047308	5
Aroclor-1242-3	(3)	39156362	39208737	41327592	42933812	38501920	40225685	5
Aroclor-1242-4	(4)	30357802	30557131	32085682	32918340	30545440	31292879	4
Aroclor-1242-5	(5)	29994844	30148920	31886564	33781628	28431080	30848607	7
Decachlorobiphenyl		1109812630	1114322200	1166545740	1204337240	1169126400	1152828842	3
Tetrachloro-m-xylene		2019994980	1991865973	2074410900	2134638120	1996394800	2043460955	3
Aroclor-1248-1	(1)	31777457	32523332	34676906	36206032	34679620	33972669	5
Aroclor-1248-2	(2)	49826889	50941409	54053908	57659484	49184720	52333282	7
Aroclor-1248-3	(3)	53623277	54462804	58147036	62246604	56408860	56977716	6
Aroclor-1248-4	(4)	50520624	52159307	55248342	58449360	56280540	54531635	6
Aroclor-1248-5	(5)	52013973	53440915	56603118	60721060	61251400	56806093	7
Decachlorobiphenyl		1086054700	1133076453	1184626040	1217746600	1105316800	1145364119	5
Tetrachloro-m-xylene		1955781080	1958748773	2036476980	2133825680	1982762600	2013519023	4
Aroclor-1254-1	(1)	59581679	63484724	66791772	70124004	69152820	65827000	7
Aroclor-1254-2	(2)	86700398	91673145	96400834	102499040	104069740	96268631	8
Aroclor-1254-3	(3)	83174823	87463687	90998546	95666728	89611540	89383065	5
Aroclor-1254-4	(4)	52127999	54872905	56652914	58665100	51598600	54783504	5
Aroclor-1254-5	(5)	63529137	66377123	69292832	71831604	65643400	67334819	5
Decachlorobiphenyl		1101048720	1154628773	1203587880	1245974320	1143081800	1169664299	5
Tetrachloro-m-xylene		1961547050	2030923560	2079762860	2161116360	2046820200	2056034006	4
Aroclor-1268-1	(1)	167101689	168103977	176338924	182865516	166815900	172245201	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	152357600	152774039	161189372	166770536	150879360	156794181	4
Aroclor-1268-3	(3)	135168451	136245995	143482964	148903648	137259660	140212144	4
Aroclor-1268-4	(4)	50291800	50665288	51647154	51581952	46538040	50144847	4
Aroclor-1268-5	(5)	404967365	403507273	422479914	423919200	391224200	409219590	3
Decachlorobiphenyl		1977497130	1984309573	2107507040	2162051280	2016902400	2049653485	4
Tetrachloro-m-xylene		2050076990	2059501507	2132696220	2200566000	1973434200	2083254983	4

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_O **Calibration Date(s):** 10/24/2023 10/25/2023

Calibration Times: 21:19 04:56

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

LAB FILE ID: **CF 1000 =** PO098876.D **CF 750 =** PO098877.D

CF 500 = PO098878.D **CF 250 =** PO098879.D **CF 050 =** PO098880.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	20848038	21476807	22653938	24421520	22569440	22393949	6
Aroclor-1016-2	(2)	29250389	30344203	31825358	34249576	30613680	31256641	6
Aroclor-1016-3	(3)	16140423	16801440	17580246	18205404	15936420	16932787	6
Aroclor-1016-4	(4)	13652710	14278405	15075286	15692716	13589580	14457739	6
Aroclor-1016-5	(5)	17595249	18357624	19383002	20297968	17775520	18681873	6
Aroclor-1260-1	(1)	32308121	33522716	35551462	38257024	36737720	35275409	7
Aroclor-1260-2	(2)	36729811	38142455	40451776	43264848	41843480	40086474	7
Aroclor-1260-3	(3)	35297806	36316081	38407302	40987364	38055840	37812879	6
Aroclor-1260-4	(4)	26937141	28012183	29600570	31260480	28672080	28896491	6
Aroclor-1260-5	(5)	56808823	58366176	60970486	64172044	60580720	60179650	5
Decachlorobiphenyl		495673770	516316707	540354260	576360680	553957000	536532483	6
Tetrachloro-m-xylene		689344340	701672453	724360560	762877760	720136000	719678223	4
Aroclor-1242-1	(1)	16576295	16975355	18027342	19019524	17250880	17569879	6
Aroclor-1242-2	(2)	23139688	23564864	24743812	25770584	23949760	24233742	4
Aroclor-1242-3	(3)	12830905	13112524	13651562	13557640	10950800	12820686	9
Aroclor-1242-4	(4)	13643193	13996931	14663506	14851920	13228180	14076746	5
Aroclor-1242-5	(5)	16076536	16427908	17207214	17648900	16195360	16711184	4
Decachlorobiphenyl		513404210	527070400	554094260	582361480	556529600	546691990	5
Tetrachloro-m-xylene		740657730	739800120	760391120	779292320	697594800	743547218	4
Aroclor-1248-1	(1)	12987284	13321796	14351546	15042508	13596740	13859975	6
Aroclor-1248-2	(2)	18816893	19317827	20746338	21987348	18449520	19863585	7
Aroclor-1248-3	(3)	19817774	20340991	21795184	22828792	19485020	20853552	7
Aroclor-1248-4	(4)	23267143	23894836	25736506	27167504	22851480	24583494	7
Aroclor-1248-5	(5)	20395130	21186776	22402772	23389864	21217480	21718404	5
Decachlorobiphenyl		509468510	526411933	553538980	591531280	551145600	546419261	6
Tetrachloro-m-xylene		717577670	715218520	745353940	769827640	691694400	727934434	4
Aroclor-1254-1	(1)	32900286	34580232	36230922	38690160	34765120	35433344	6
Aroclor-1254-2	(2)	29506119	31052004	32605276	34997640	31761000	31984408	6
Aroclor-1254-3	(3)	45712845	47892805	49844328	52721580	48265840	48887480	5
Aroclor-1254-4	(4)	24932607	26216301	27379304	28386360	24119540	26206822	7
Aroclor-1254-5	(5)	40119812	41800708	43737752	45233344	39882320	42154787	5
Decachlorobiphenyl		509186070	537151387	561755500	593508280	549796600	550279567	6
Tetrachloro-m-xylene		721062620	744080280	761641260	781873040	698599000	741451240	4
Aroclor-1268-1	(1)	85641137	85884300	89390656	93476344	91584500	89195387	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	76443943	76462275	79666976	83196872	79014740	78956961	4
Aroclor-1268-3	(3)	67068705	67662444	71100866	74335272	71854060	70404269	4
Aroclor-1268-4	(4)	26181713	27002827	28751574	29305536	26552960	27558922	5
Aroclor-1268-5	(5)	188411785	187030196	193925200	195546924	188233120	190629445	2
Decachlorobiphenyl		914662130	923009707	972442520	1015662840	995312200	964217879	5
Tetrachloro-m-xylene		751895500	760576613	783867520	799012040	707317600	760533855	5

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_O **Date(s) Analyzed:** 10/24/2023 10/25/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.69	4.59	4.79	24828200
		2	4.77	4.67	4.87	18499300
		3	4.85	4.75	4.95	54176600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	45747600
		2	5.38	5.28	5.48	23614400
		3	5.67	5.57	5.77	39492200
		4	5.83	5.73	5.93	19078900
		5	5.92	5.82	6.02	16658200
Aroclor-1262	500	1	7.88	7.78	7.98	90511600
		2	8.43	8.33	8.53	133307000
		3	8.75	8.65	8.85	98336000
		4	8.84	8.74	8.94	80110000
		5	9.51	9.41	9.61	43940800

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_O **Date(s) Analyzed:** 10/24/2023 10/25/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.84	3.74	3.94	9289900
		2	3.93	3.83	4.03	6483720
		3	4.01	3.91	4.11	20227200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.01	3.91	4.11	17141600
		2	4.73	4.63	4.83	15320000
		3	4.91	4.81	5.01	8001480
		4	4.99	4.89	5.09	7693780
		5	5.16	5.06	5.26	8505580
Aroclor-1262	500	1	6.75	6.65	6.85	46921000
		2	7.01	6.91	7.11	41517000
		3	7.53	7.43	7.63	31946800
		4	7.60	7.50	7.70	54979000
		5	8.09	7.99	8.19	25114200

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:19
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: Oct 25 04:05:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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...	4.478	3.632	186.3E6	68934434	93.754	95.166
2)	SA Decachlor...	10.280	8.630	106.1E6	49567377	92.263	91.731
	Target Compounds						
3)	L1 AR-1016-1	5.651	4.713	49989028	20848038	900.155	920.283
4)	L1 AR-1016-2	5.674	4.732	75287793	29250389	916.515	919.091
5)	L1 AR-1016-3	5.736	4.908	47790640	16140423	906.684	918.100
6)	L1 AR-1016-4	5.835	4.950	37181612	13652710	908.350	905.635
7)	L1 AR-1016-5	6.131	5.162	39306982	17595249	900.591	907.767
31)	L7 AR-1260-1	7.260	6.195	66021049	32308121	900.257	908.771
32)	L7 AR-1260-2	7.517	6.383	71661854	36729811	907.678	907.990
33)	L7 AR-1260-3	7.877	6.537	51485935	35297806	917.391	919.039
34)	L7 AR-1260-4	8.104	7.008	59353646	26937141	915.747	910.021
35)	L7 AR-1260-5	8.428	7.250	99124661	56808823	922.766	931.743

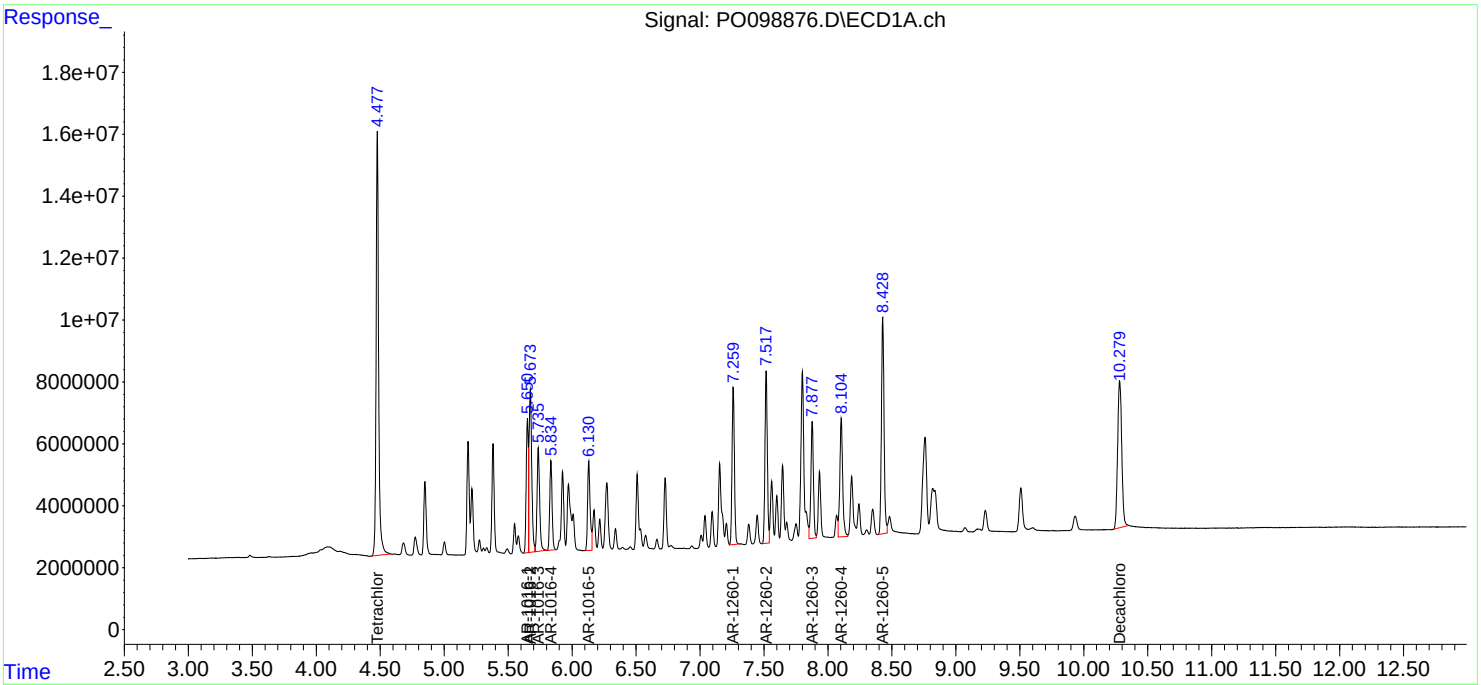
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

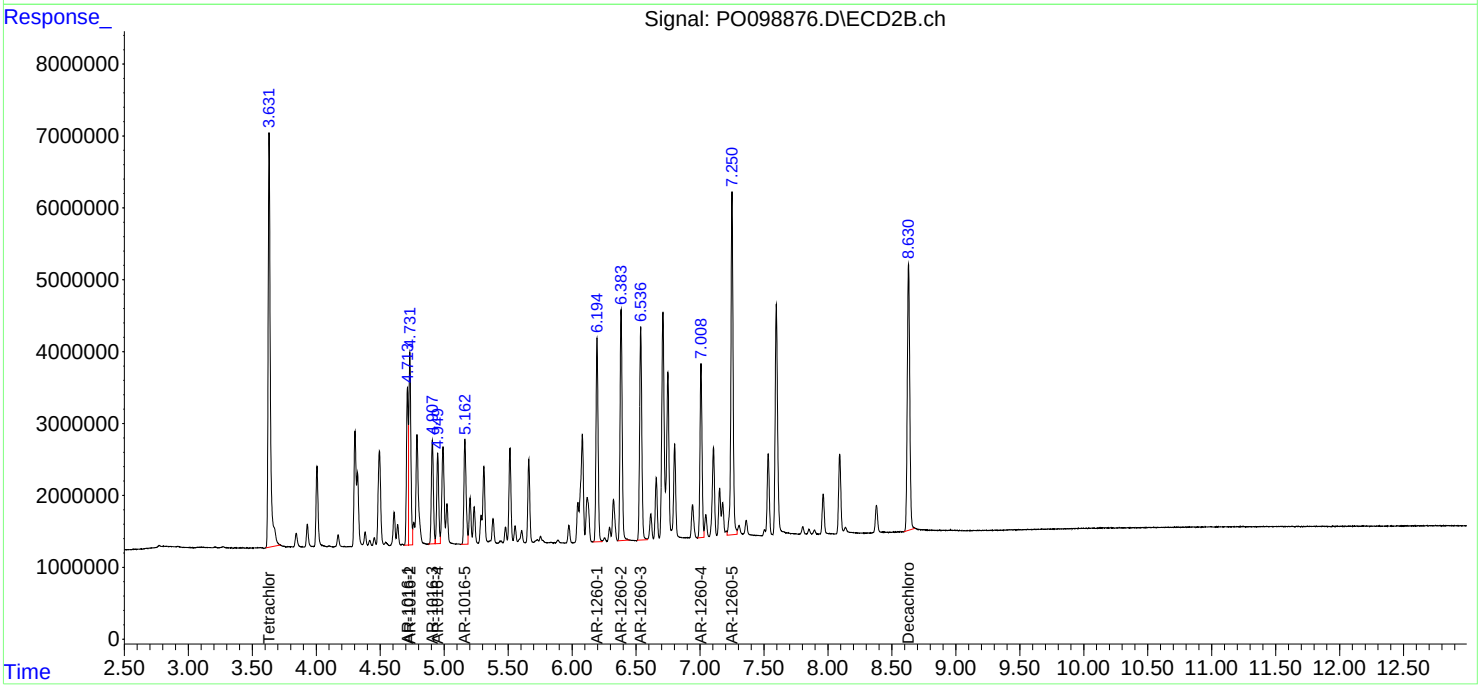
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098876.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:19
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:05:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:36
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: Oct 25 04:05:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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...	4.478	3.632	143.4E6	52625434	72.173	72.651
2)	SA Decachlor...	10.281	8.631	82062951	38723753	71.389	71.664
	Target Compounds						
3)	L1 AR-1016-1	5.651	4.713	39289165	16107605	707.482	711.029
4)	L1 AR-1016-2	5.674	4.731	58602697	22758152	713.399	715.095
5)	L1 AR-1016-3	5.737	4.907	37328130	12601080	708.189	716.775
6)	L1 AR-1016-4	5.835	4.949	28989798	10708804	708.223	710.355
7)	L1 AR-1016-5	6.130	5.162	30875156	13768218	707.404	710.324
31)	L7 AR-1260-1	7.260	6.194	51481037	25142037	701.991	707.201
32)	L7 AR-1260-2	7.517	6.383	55998698	28606841	709.286	707.184
33)	L7 AR-1260-3	7.878	6.536	40388440	27237061	719.653	709.164
34)	L7 AR-1260-4	8.105	7.008	46128364	21009137	711.699	709.754
35)	L7 AR-1260-5	8.430	7.250	76714171	43774632	714.144	717.964

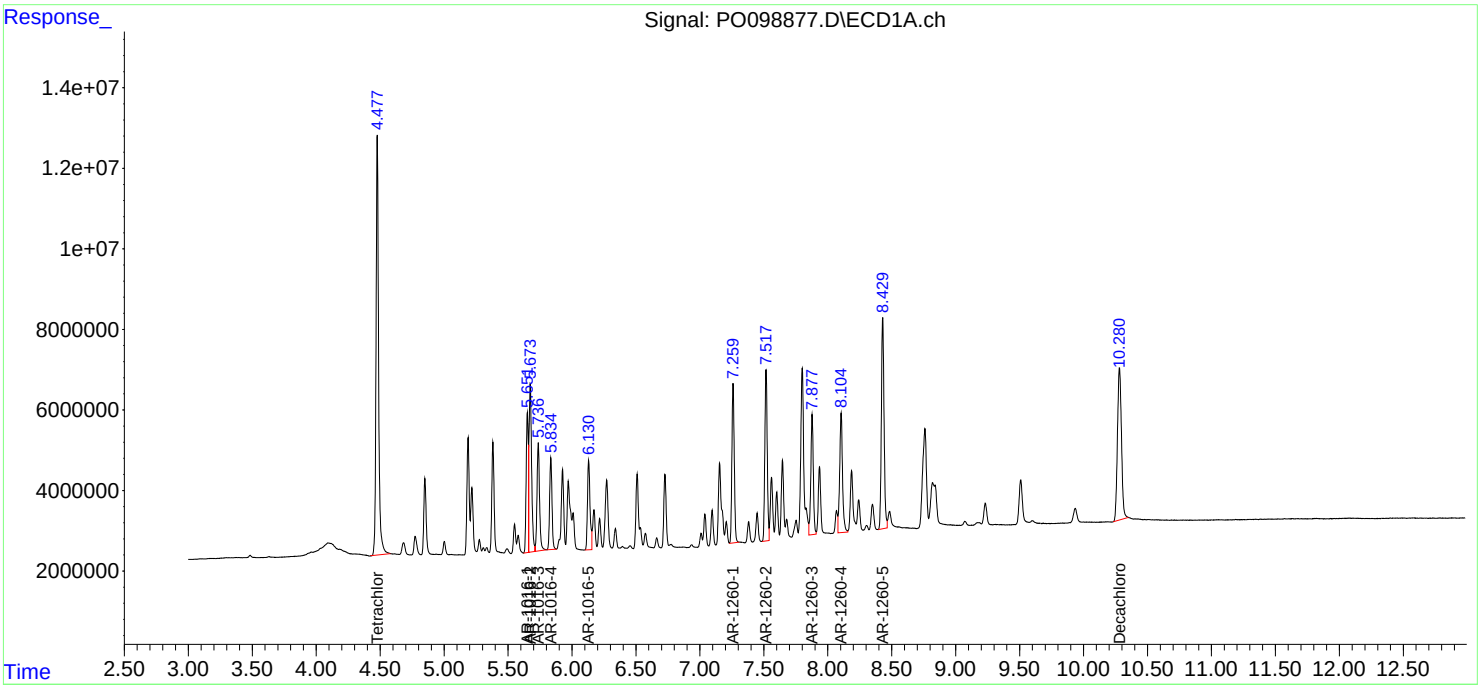
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

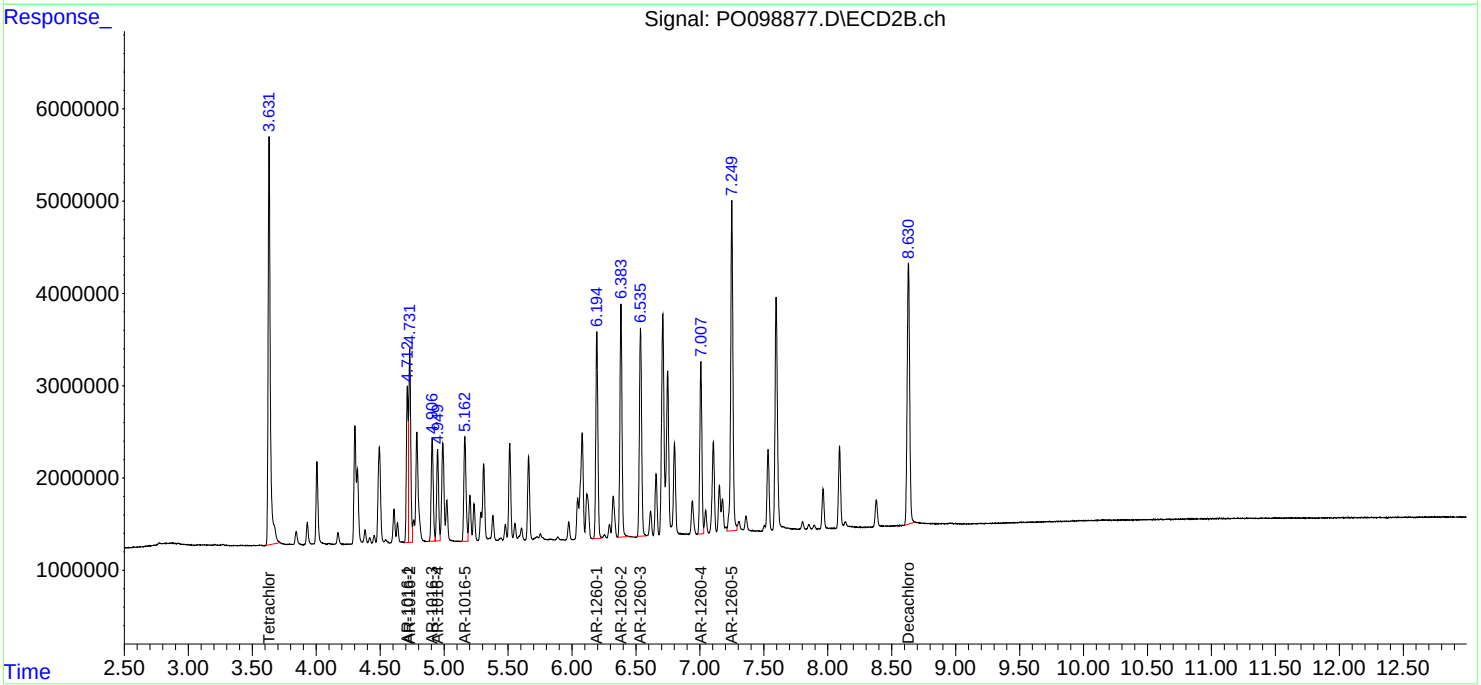
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098877.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:36
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:05:59 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:53
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: Oct 25 04:04:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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...	4.477	3.631	99373425	36218028	50.000	50.000
2)	SA Decachlor...	10.281	8.630	57475632	27017713	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.650	4.713	27766911	11326969	500.000	500.000
4)	L1 AR-1016-2	5.674	4.731	41072874	15912679	500.000	500.000
5)	L1 AR-1016-3	5.735	4.907	26354633	8790123	500.000	500.000
6)	L1 AR-1016-4	5.834	4.949	20466568	7537643	500.000	500.000
7)	L1 AR-1016-5	6.130	5.162	21822874	9691501	500.000	500.000
31)	L7 AR-1260-1	7.260	6.195	36667873	17775731	500.000	500.000
32)	L7 AR-1260-2	7.517	6.383	39475379	20225888	500.000	500.000
33)	L7 AR-1260-3	7.877	6.536	28061067	19203651	500.000	500.000
34)	L7 AR-1260-4	8.104	7.007	32407226	14800285	500.000	500.000
35)	L7 AR-1260-5	8.429	7.250	53710611	30485243	500.000	500.000

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

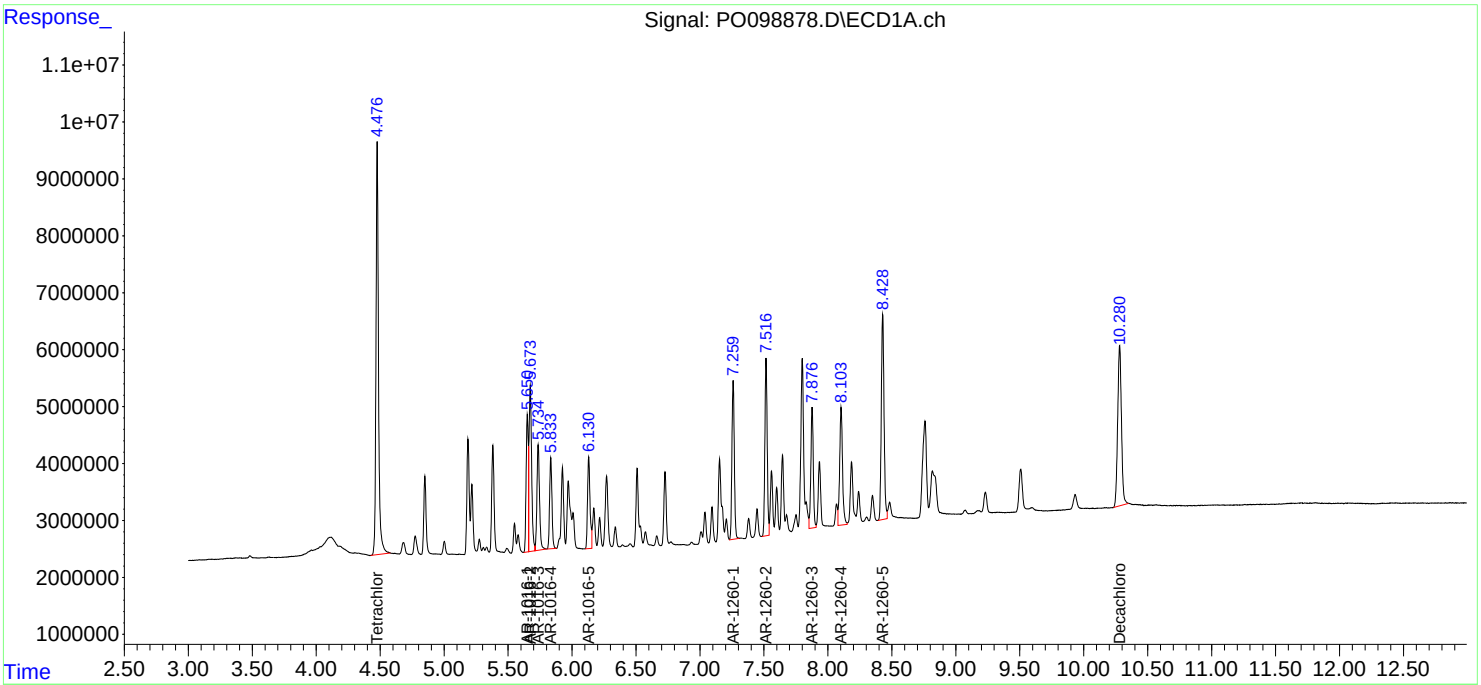
ICAL Form

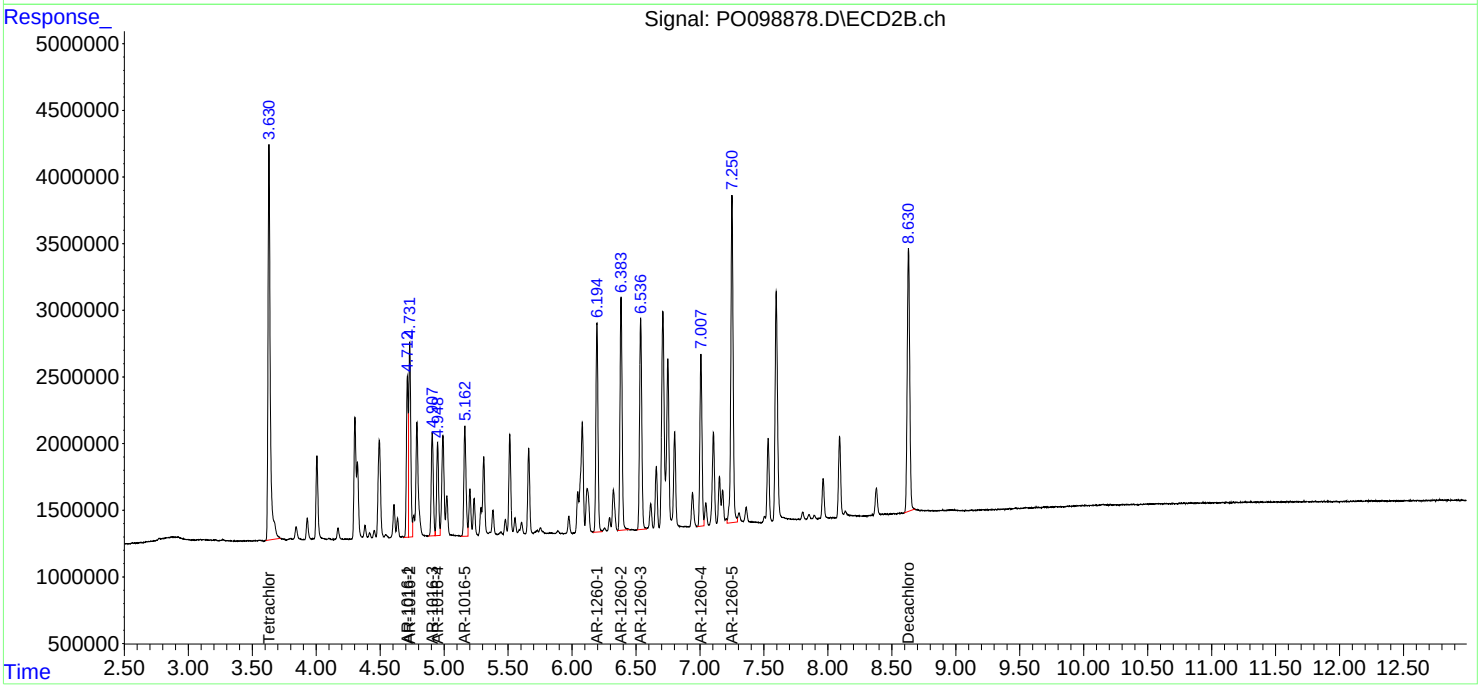
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098878.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:53
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:04:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 22:09
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: Oct 25 04:06:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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...	4.477	3.630	52888628	19071944	26.611	26.329
2)	SA Decachlor...	10.281	8.630	30327551	14409017	26.383	26.666
	Target Compounds						
3)	L1 AR-1016-1	5.651	4.712	14915104	6105380	268.577	269.506
4)	L1 AR-1016-2	5.673	4.731	22486822	8562394	273.743	269.043
5)	L1 AR-1016-3	5.735	4.907	13893260	4551351	263.583	258.890
6)	L1 AR-1016-4	5.834	4.949	10961377	3923179	267.787	260.239
7)	L1 AR-1016-5	6.131	5.162	11553158	5074492	264.703	261.801
31)	L7 AR-1260-1	7.259	6.194	19497764	9564256	265.870	269.026
32)	L7 AR-1260-2	7.517	6.383	21366741	10816212	270.634	267.385
33)	L7 AR-1260-3	7.877	6.536	15000791	10246841	267.288	266.794
34)	L7 AR-1260-4	8.104	7.007	17117992	7815120	264.108	264.019
35)	L7 AR-1260-5	8.429	7.250	28257585	16043011	263.054	263.127

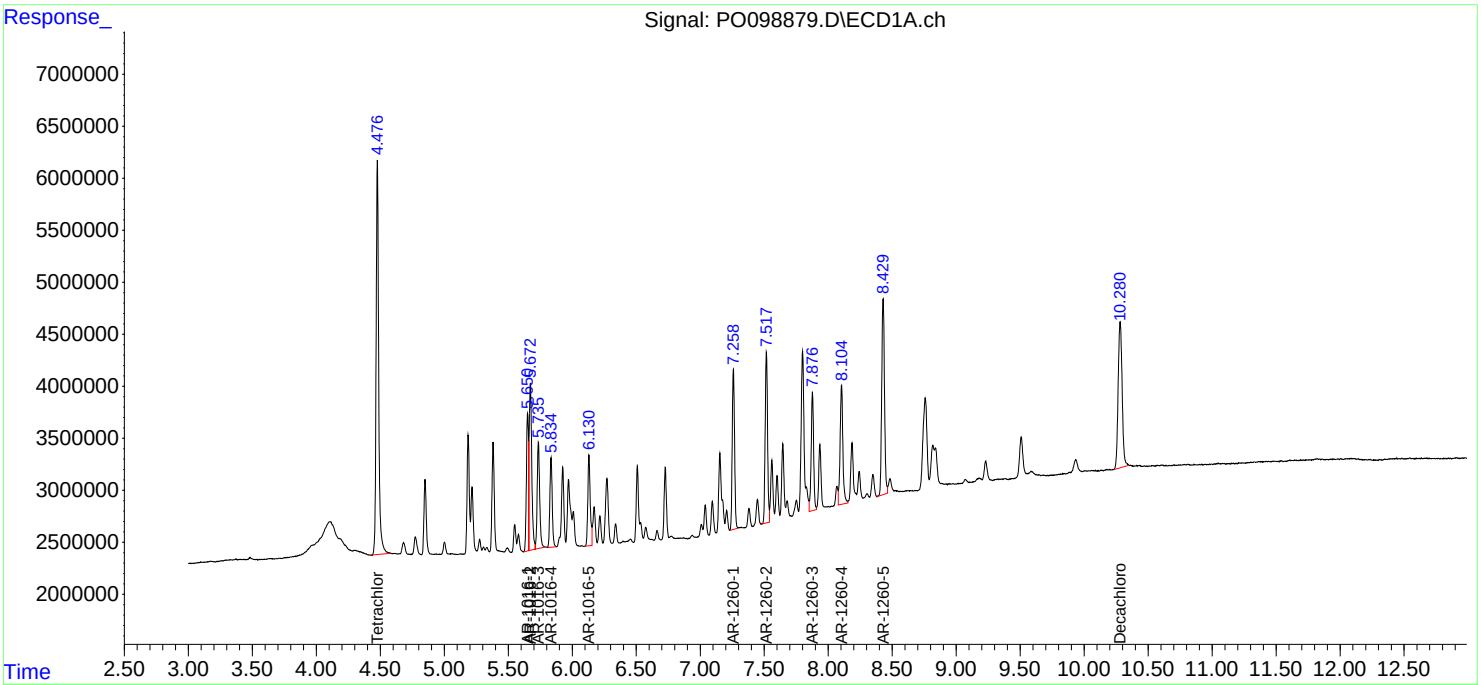
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

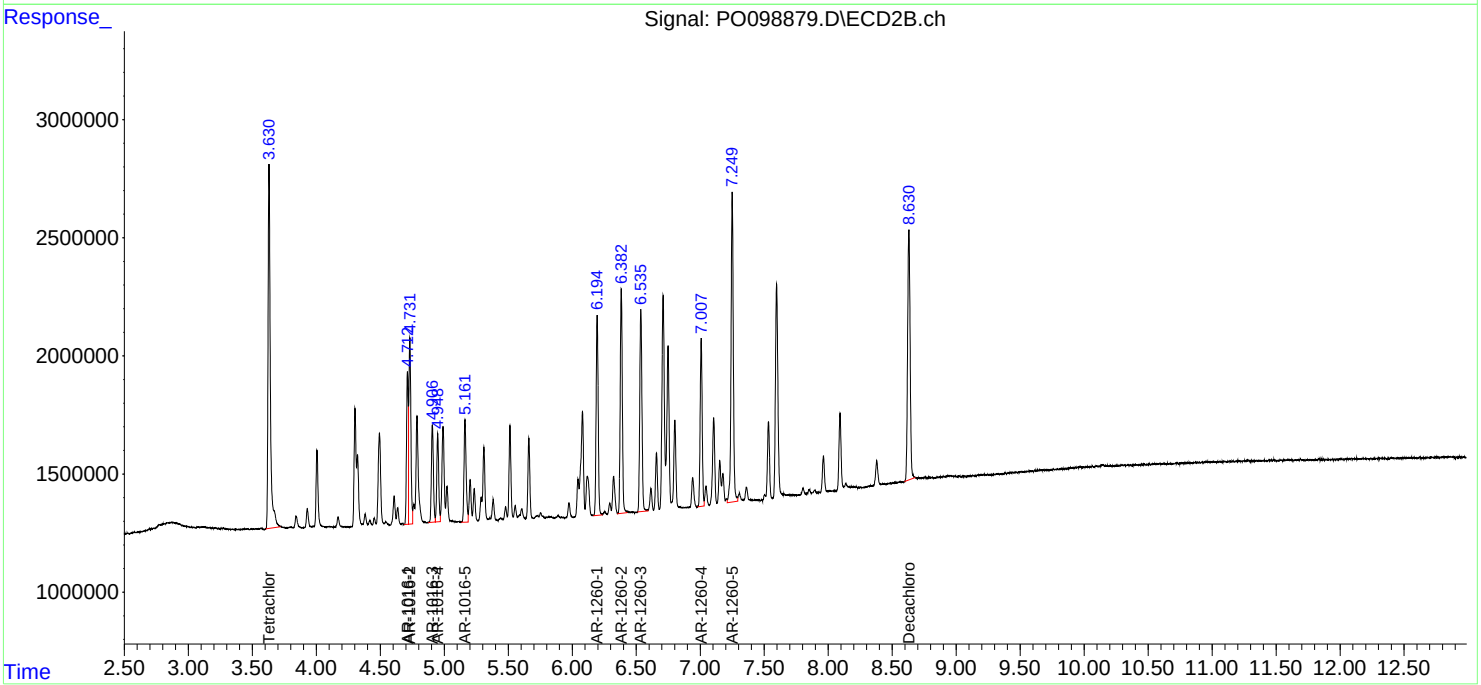
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 22:09
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:06:26 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 22:27
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:06:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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...	4.476	3.629	10003918	3600680	5.033	4.971
2)	SA Decachlor...	10.282	8.629	5734956	2769785	4.989	5.126
	Target Compounds						
3)	L1 AR-1016-1	5.650	4.712	2888144	1128472	52.007	49.814
4)	L1 AR-1016-2	5.673	4.730	4396578	1530684	53.522	48.096
5)	L1 AR-1016-3	5.735	4.906	2575854	796821	48.869	45.325
6)	L1 AR-1016-4	5.834	4.949	2130185	679479	52.041	45.072
7)	L1 AR-1016-5	6.130	5.161	2094170	888776	47.981	45.853
31)	L7 AR-1260-1	7.258	6.194	3615794	1836886	49.305	51.668
32)	L7 AR-1260-2	7.517	6.382	4186980	2092174	53.033	51.720
33)	L7 AR-1260-3	7.877	6.535	2580101	1902792	45.973	49.542
34)	L7 AR-1260-4	8.103	7.007	2956960	1433604	45.622m	48.432
35)	L7 AR-1260-5	8.428	7.249	5660812	3029036	52.697	49.680

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098880.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 22:27
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

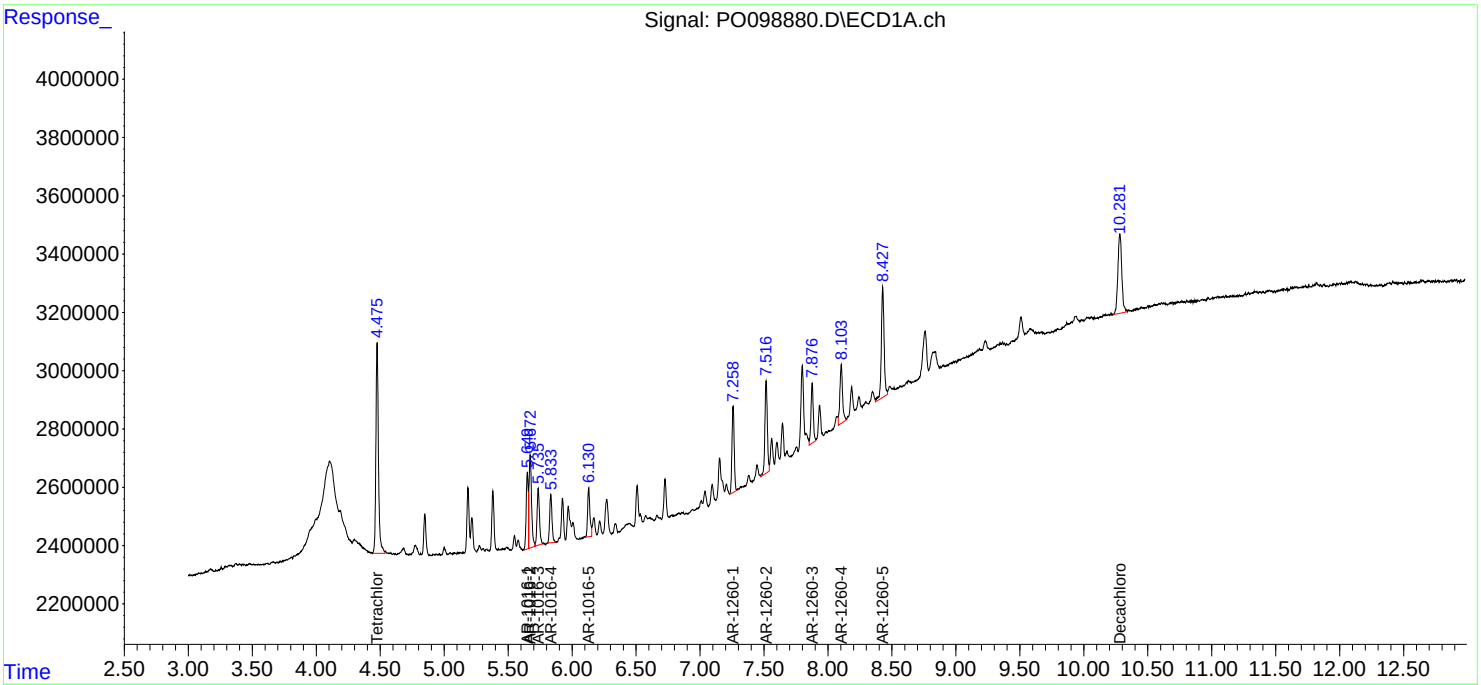
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

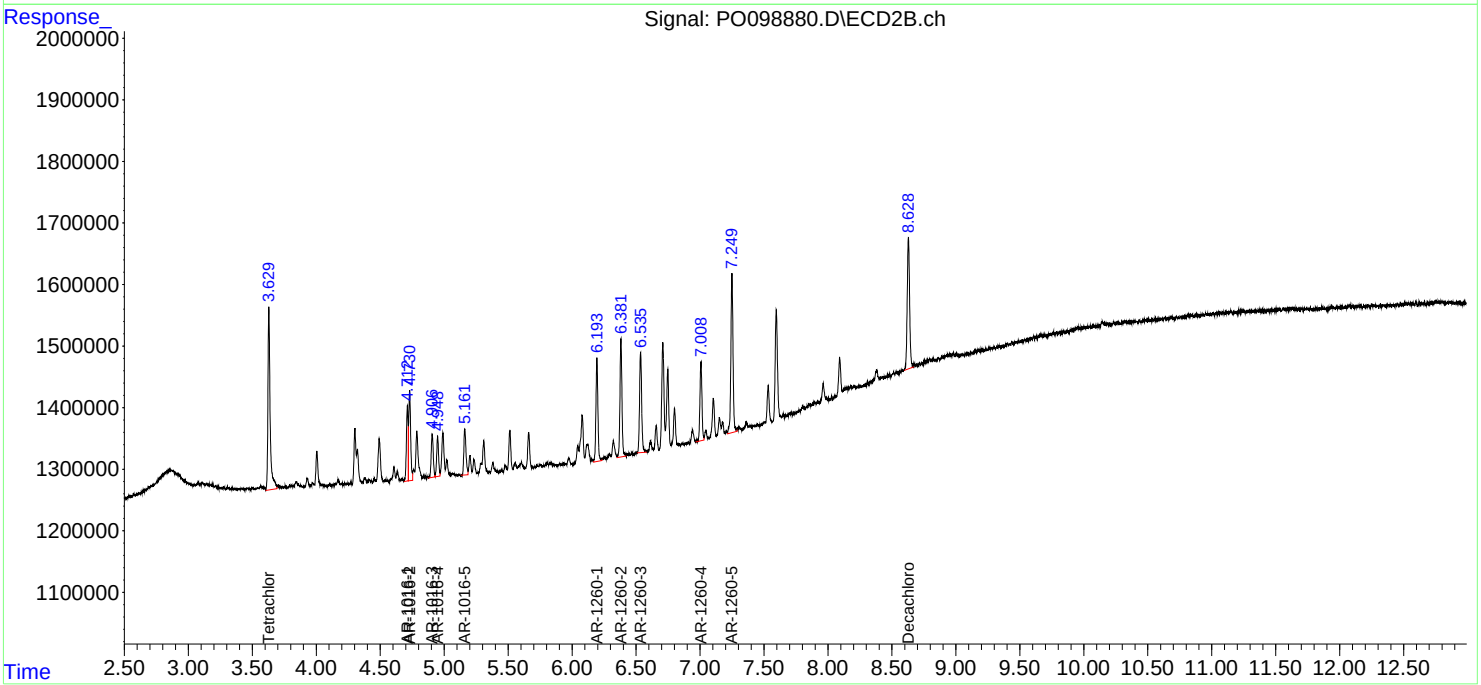
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:06:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:03:59 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 22:43
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: Oct 25 04:18:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:17:27 2023
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...	4.476	3.630	104.5E6	37467431	50.000	50.000
2)	SA Decachlor...	10.280	8.629	57459235	26791839	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.685	3.844	12414133	4644946	500.000	500.000
9)	L2 AR-1221-2	4.772	3.930	9249636	3241861	500.000	500.000
10)	L2 AR-1221-3	4.850	4.005	27088334	10113556	500.000	500.000

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

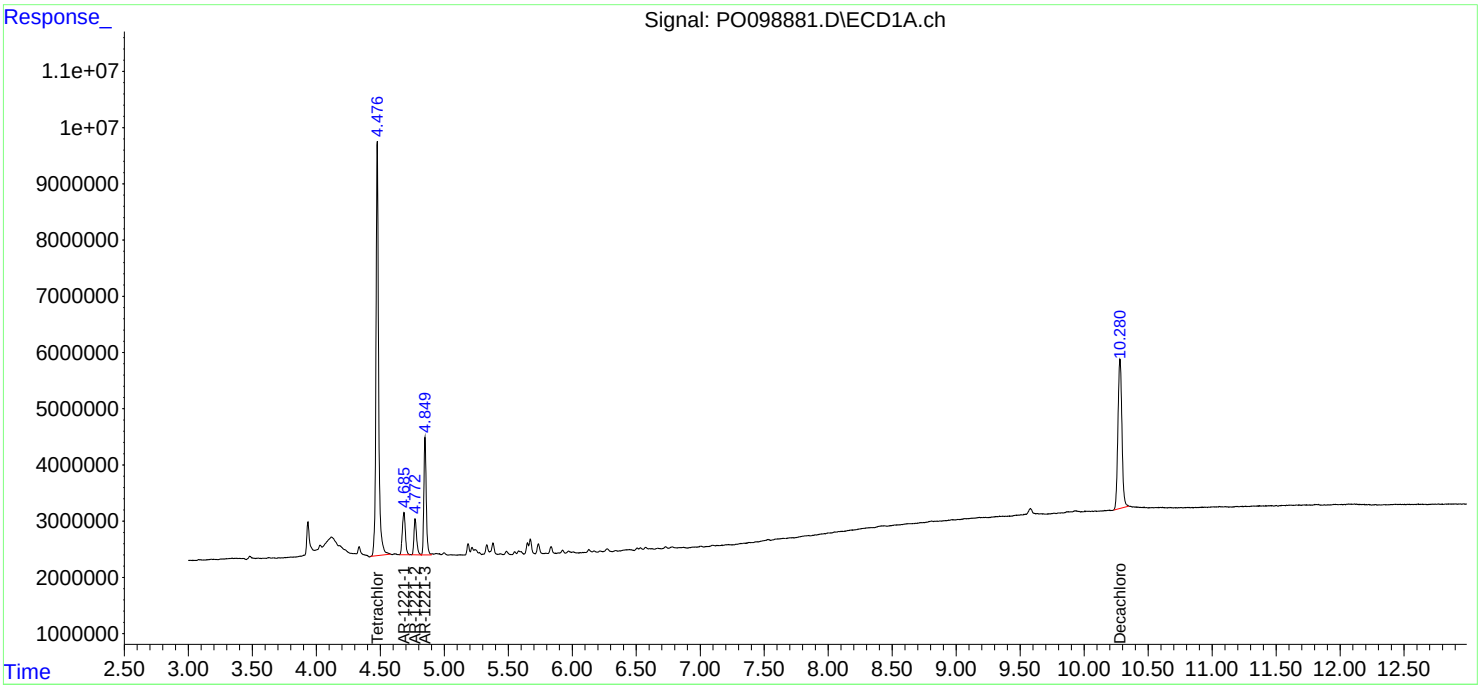
ICAL Form

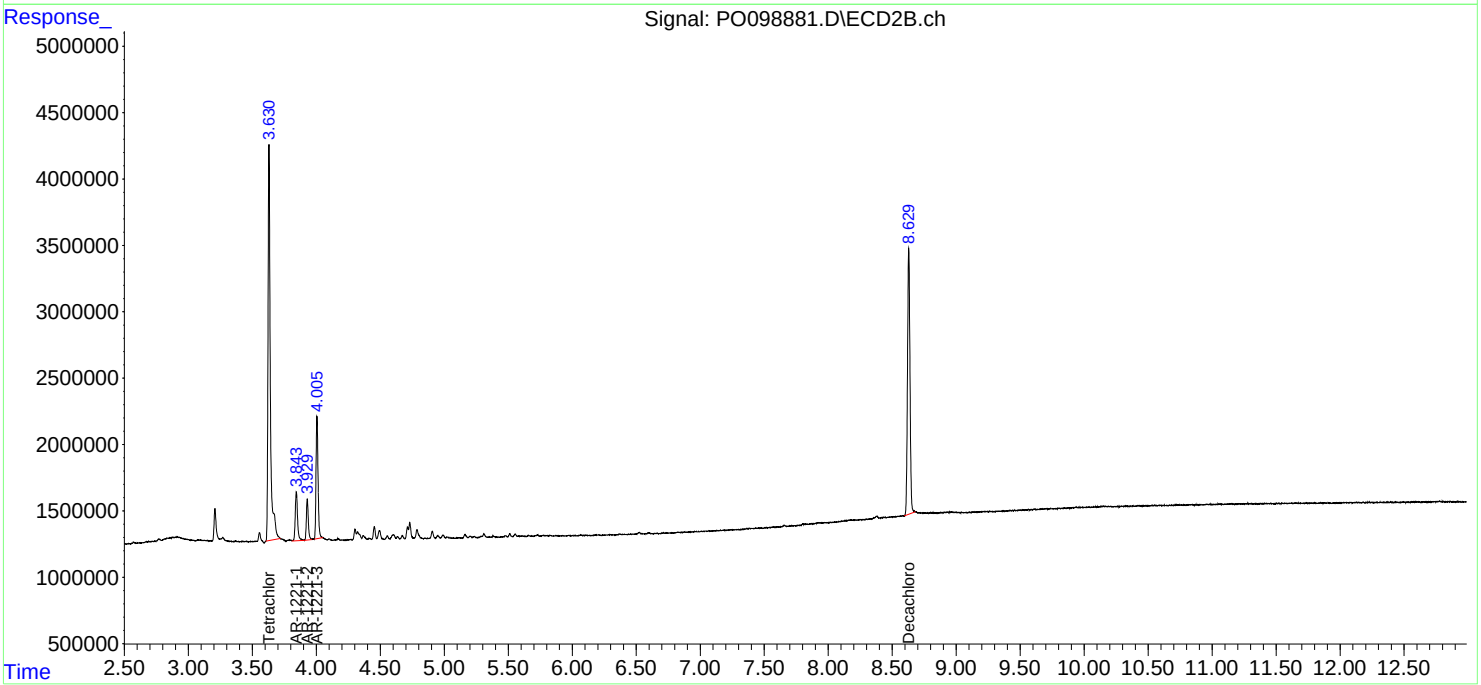
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098881.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 22:43
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:18:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:17:27 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:00
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: Oct 25 04:24:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:23:48 2023
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...	4.476	3.630	106.8E6	38609053	50.000	50.000
2)	SA Decachlor...	10.281	8.629	59787606	28006069	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.849	4.005	22873846	8570790	500.000	500.000
12)	L3 AR-1232-2	5.381	4.731	11807239	7660000	500.000	500.000
13)	L3 AR-1232-3	5.672	4.906	19746111	4000740	500.000	500.000
14)	L3 AR-1232-4	5.833	4.990	9539448	3846887	500.000	500.000
15)	L3 AR-1232-5	5.924	5.162	8329088	4252789	500.000	500.000

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

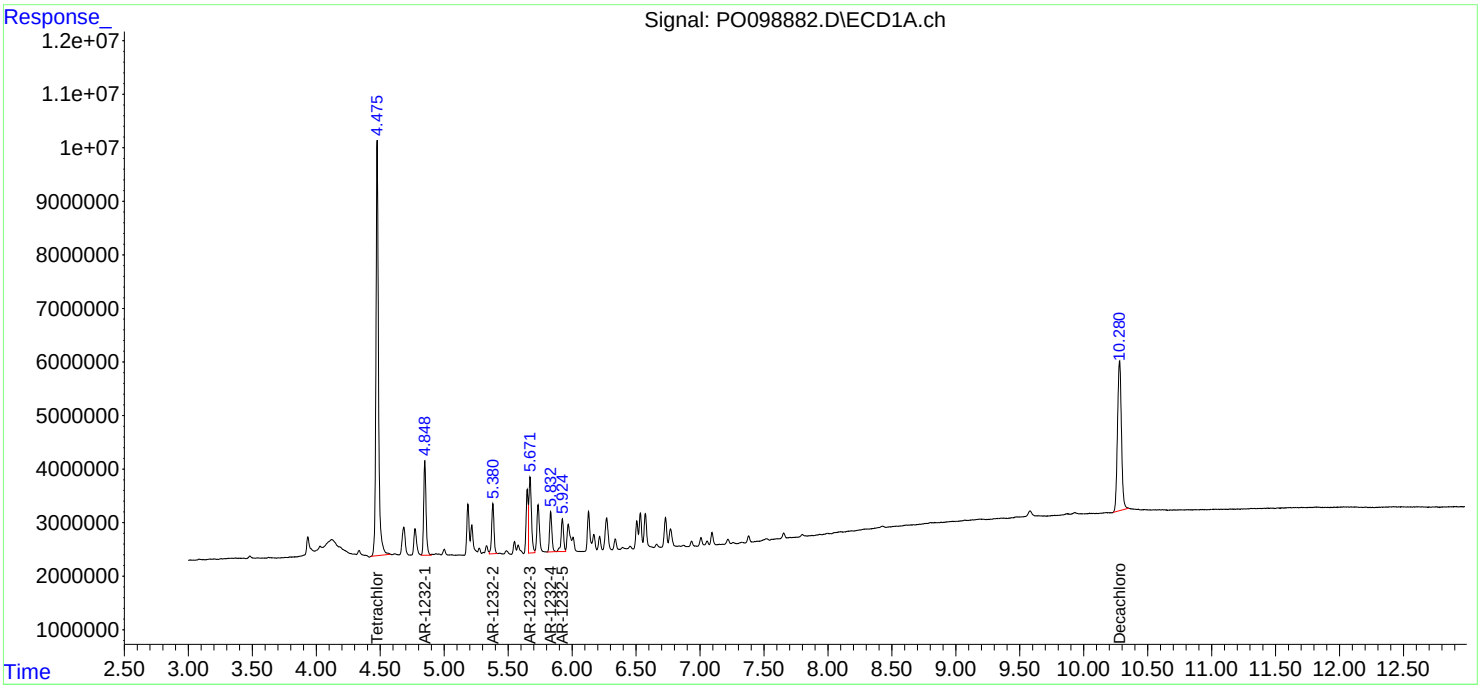
ICAL Form

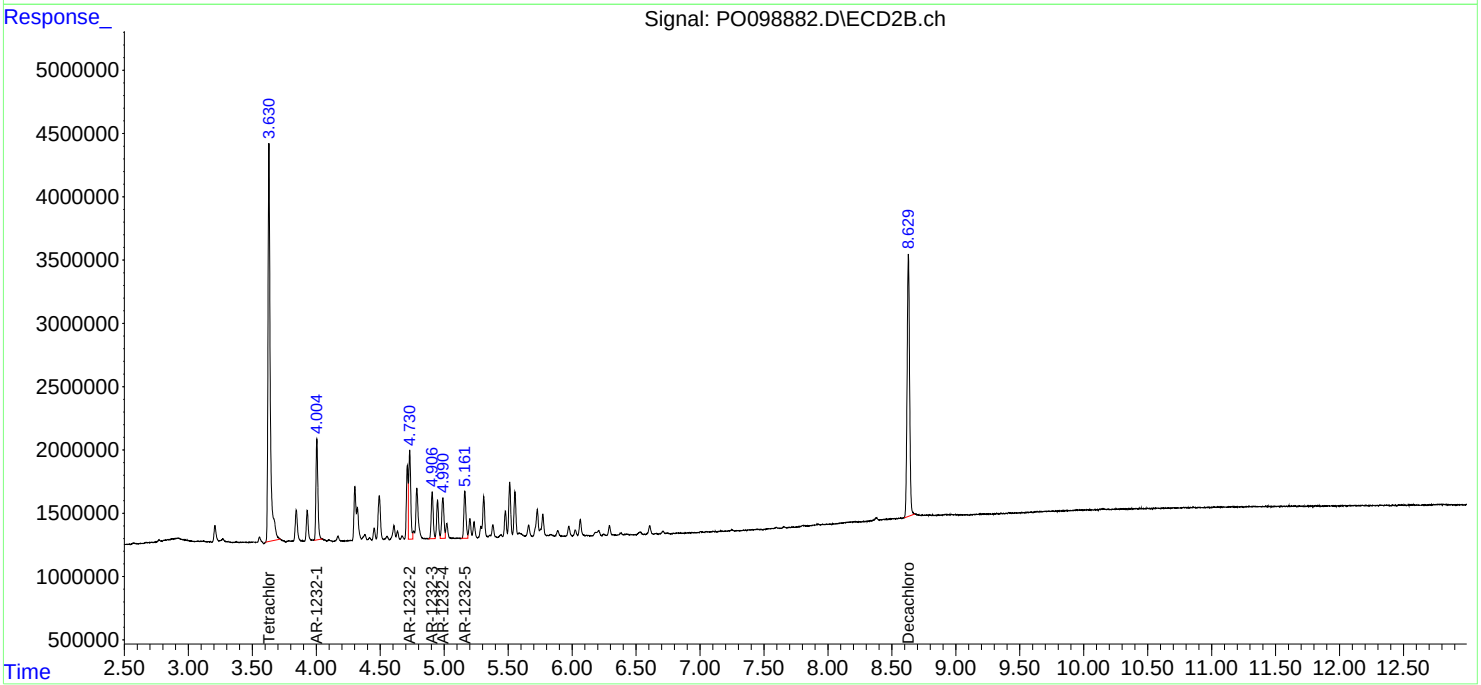
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098882.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:00
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:24:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:23:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:17
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: Oct 25 04:29:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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...	4.477	3.630	202.0E6	74065773	97.377	97.405
2)	SA Decachlor...	10.281	8.629	111.0E6	51340421	95.137	92.656
	Target Compounds						
16)	L4 AR-1242-1	5.651	4.712	41078299	16576295	936.458	919.509
17)	L4 AR-1242-2	5.673	4.730	60714759	23139688	940.780	935.171
18)	L4 AR-1242-3	5.735	4.906	39156362	12830905	947.463	939.886
19)	L4 AR-1242-4	5.834	4.989	30357802	13643193	946.148	930.418
20)	L4 AR-1242-5	6.574	5.512	29994844	16076536	940.673	934.290

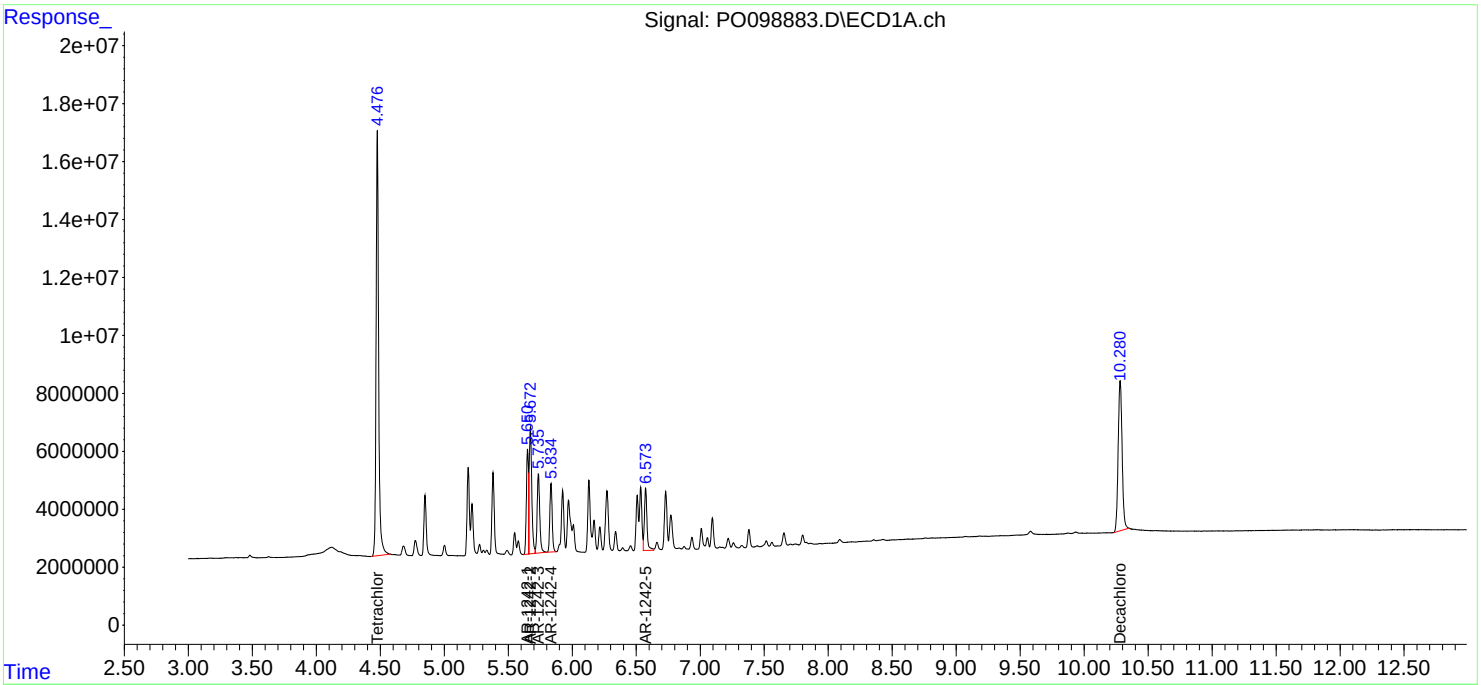
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

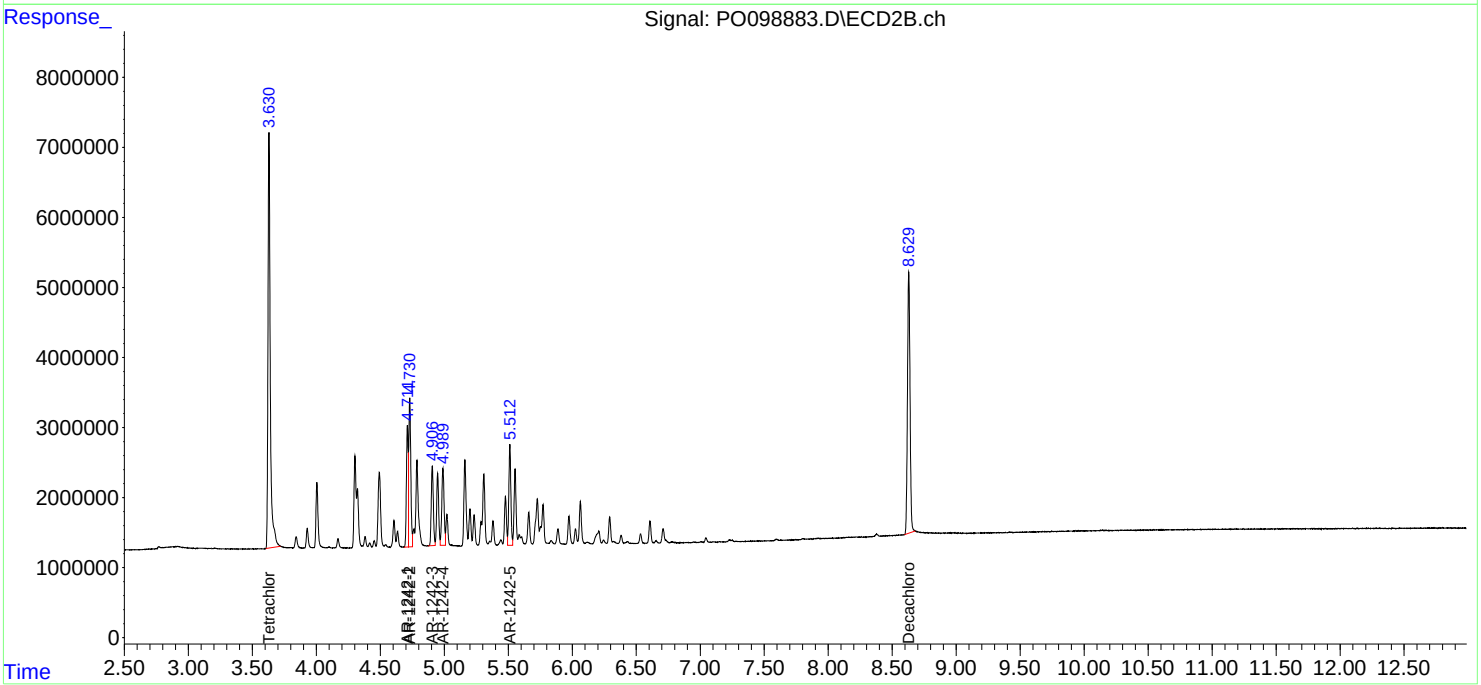
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098883.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:17
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:29:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:34
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: Oct 25 04:30:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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...	4.477	3.631	149.4E6	55485009	72.016	72.969
2)	SA Decachlor...	10.283	8.630	83574165	39530280	71.642	71.342
	Target Compounds						
16)	L4 AR-1242-1	5.651	4.713	30681345	12731516	699.440	706.234
17)	L4 AR-1242-2	5.673	4.731	45824057	17673648	710.047	714.265
18)	L4 AR-1242-3	5.735	4.907	29406553	9834393	711.548	720.386
19)	L4 AR-1242-4	5.834	4.990	22917848	10497698	714.270	715.906
20)	L4 AR-1242-5	6.574	5.513	22611690	12320931	709.129	716.033

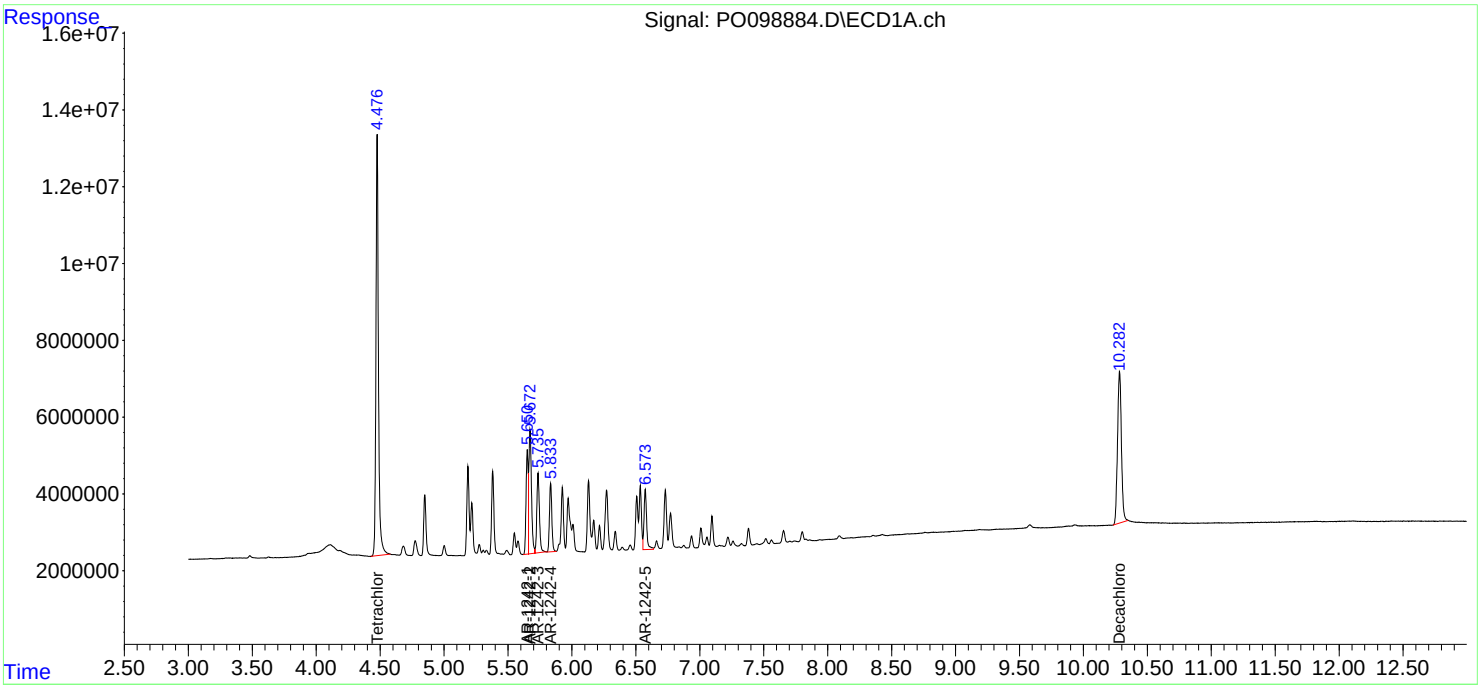
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

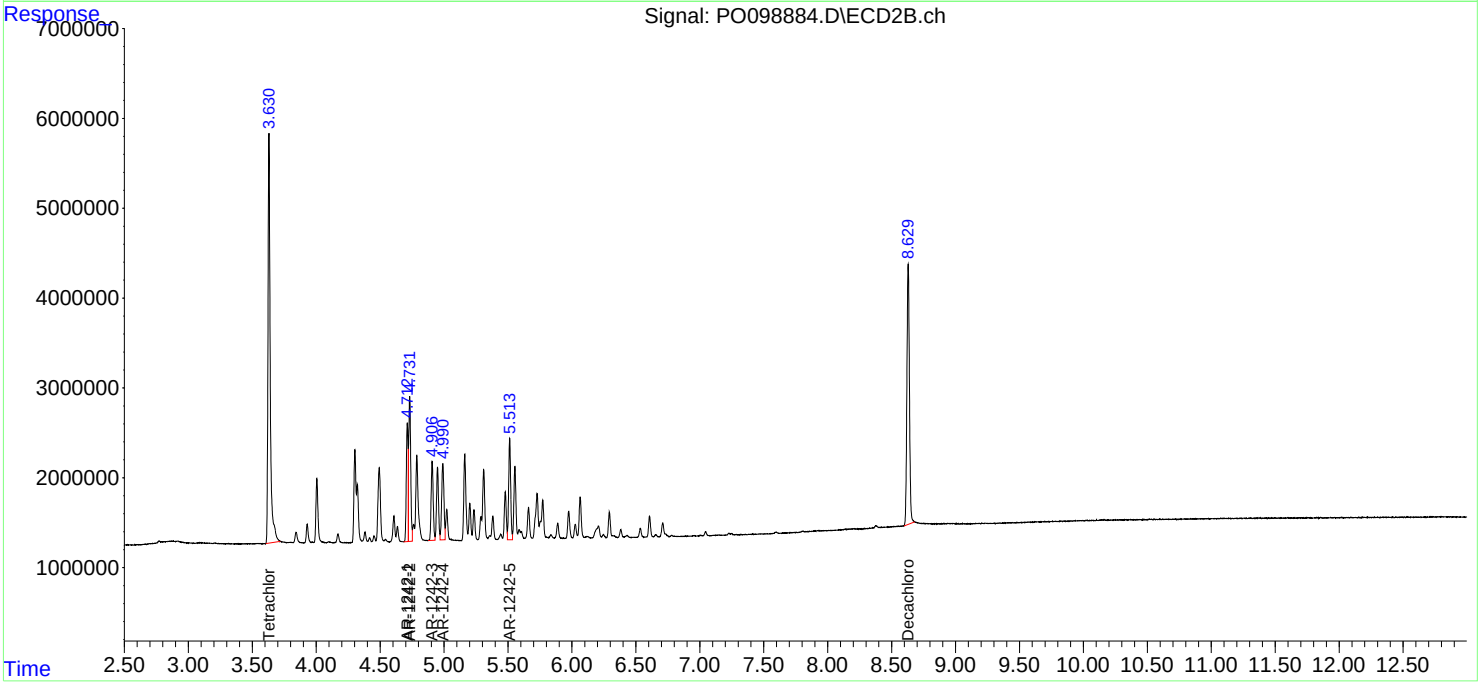
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098884.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:34
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:30:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:51
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: Oct 25 04:30:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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...	4.477	3.630	103.7E6	38019556	50.000	50.000
2)	SA Decachlor...	10.280	8.630	58327287	27704713	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.650	4.712	21932794	9013671	500.000	500.000
17)	L4 AR-1242-2	5.673	4.730	32268325	12371906	500.000	500.000
18)	L4 AR-1242-3	5.735	4.907	20663796	6825781	500.000	500.000
19)	L4 AR-1242-4	5.834	4.990	16042841	7331753	500.000	500.000
20)	L4 AR-1242-5	6.574	5.513	15943282	8603607	500.000	500.000

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

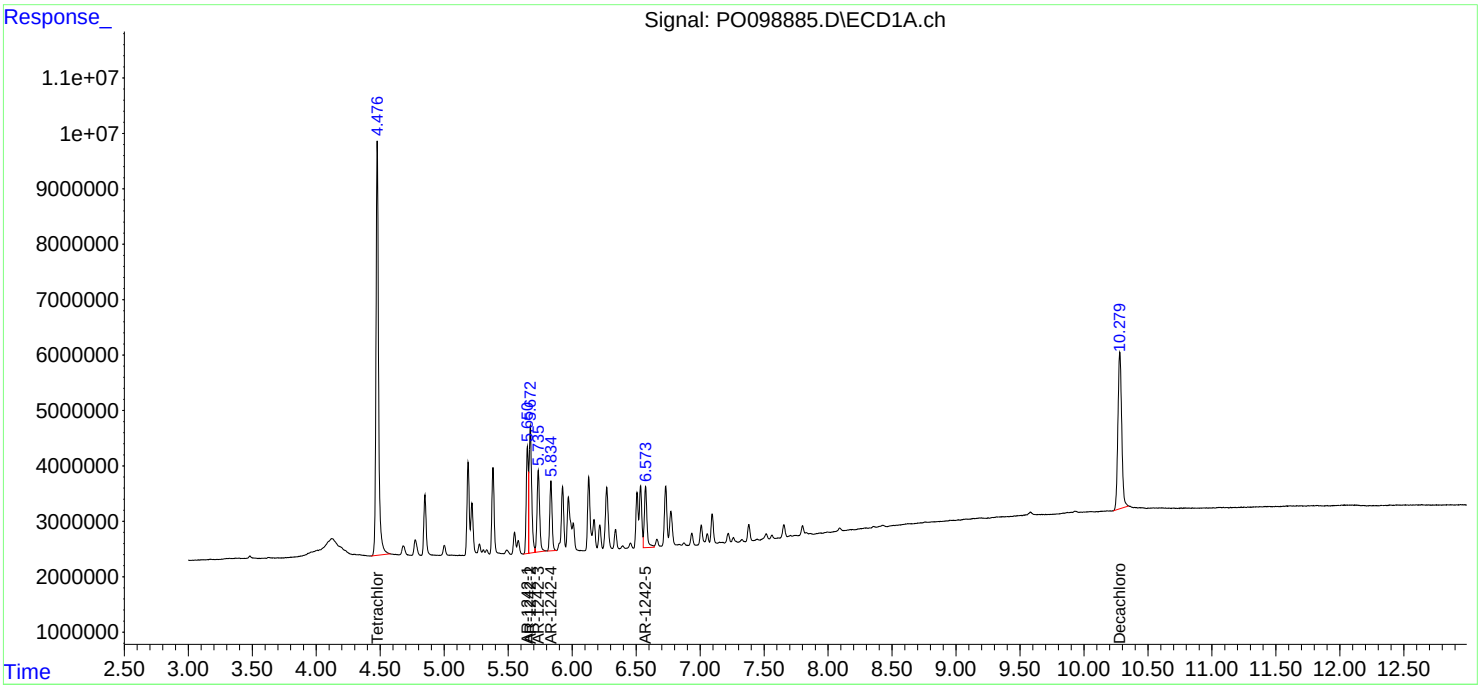
ICAL Form

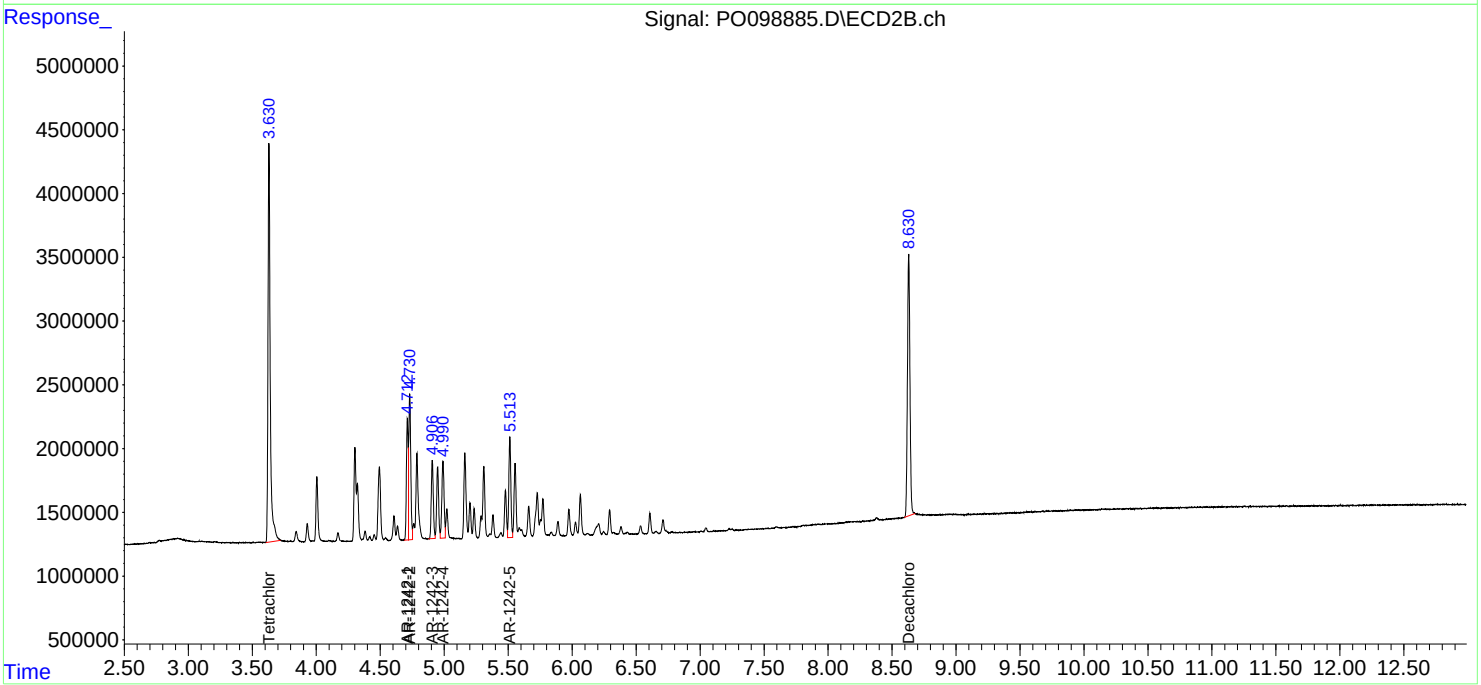
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098885.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 23:51
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:30:47 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:08
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: Oct 25 04:31:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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...	4.476	3.630	53365953	19482308	25.726	25.621
2)	SA Decachlor...	10.280	8.629	30108431	14559037	25.810	26.275
	Target Compounds						
16)	L4 AR-1242-1	5.650	4.712	11551658	4754881	263.342	263.759
17)	L4 AR-1242-2	5.673	4.731	16835187	6442646	260.862	260.374
18)	L4 AR-1242-3	5.735	4.907	10733453	3389410	259.716	248.280
19)	L4 AR-1242-4	5.833	4.990	8229585	3712980	256.488	253.212
20)	L4 AR-1242-5	6.573	5.513	8445407	4412225	264.858	256.417

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

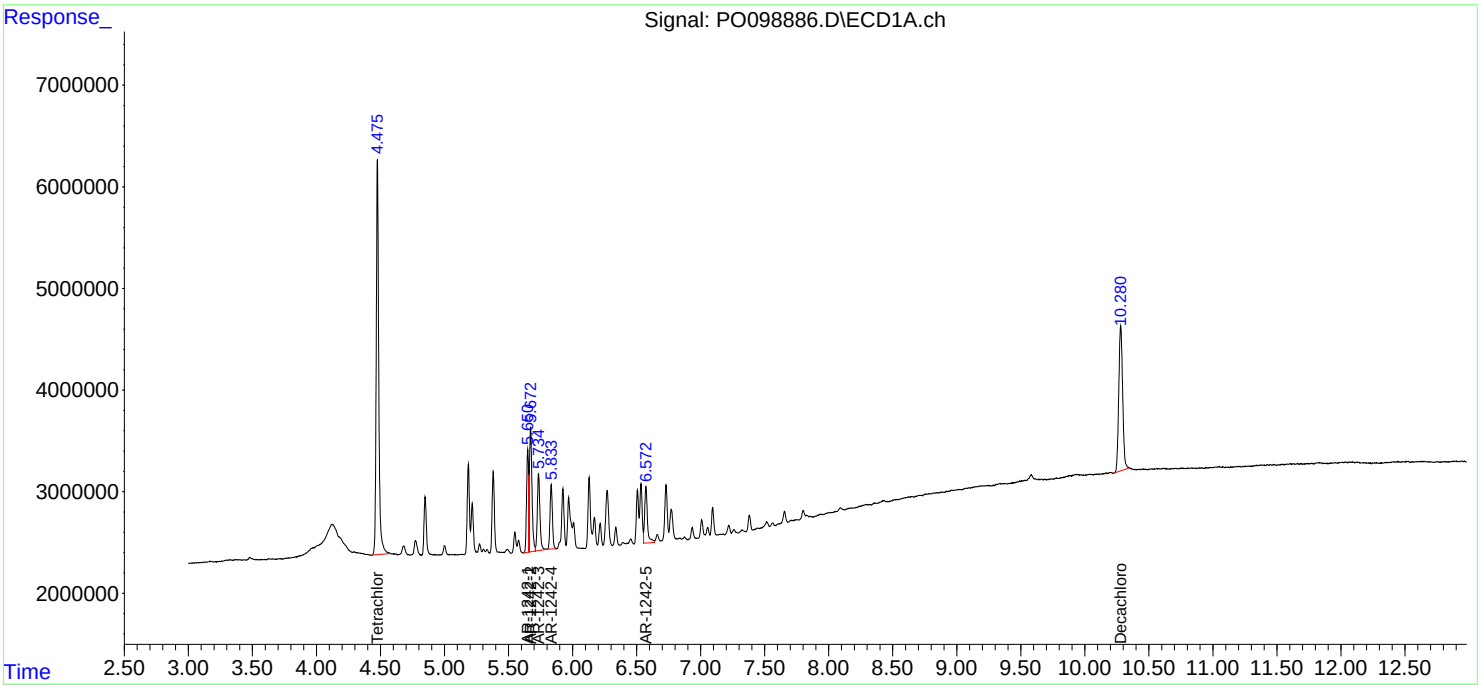
ICAL Form

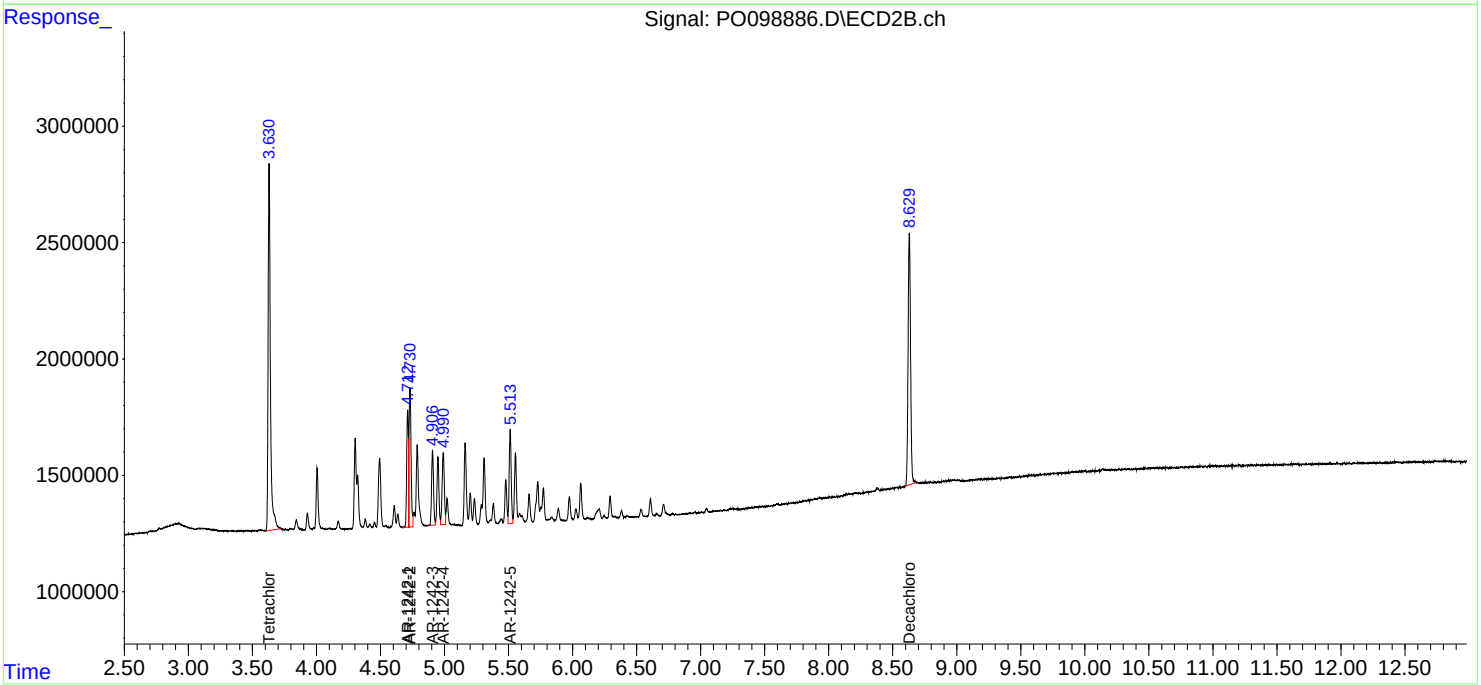
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098886.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:08
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:31:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:25
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:31:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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...	4.477	3.631	9981974	3487974	4.812	4.587
2)	SA Decachlor...	10.280	8.630	5845632	2782648	5.011	5.022
	Target Compounds						
16)	L4 AR-1242-1	5.650	4.713	2220109	862544	50.612	47.846
17)	L4 AR-1242-2	5.673	4.731	3327282	1197488	51.556	48.395
18)	L4 AR-1242-3	5.736	4.908	1925096	547540	46.581	40.108
19)	L4 AR-1242-4	5.834	4.991	1527272	661409	47.600	45.106
20)	L4 AR-1242-5	6.574	5.513	1421554	809768	44.582m	47.060

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:25
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

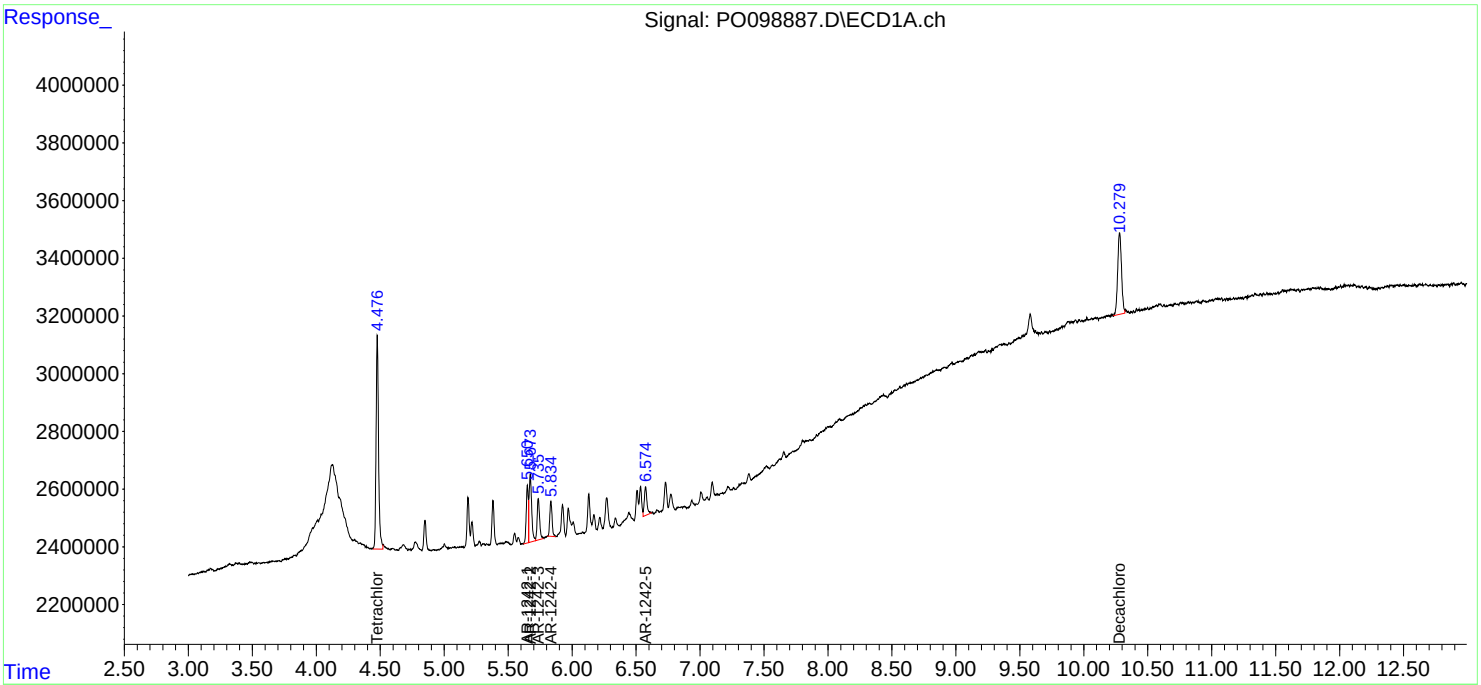
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

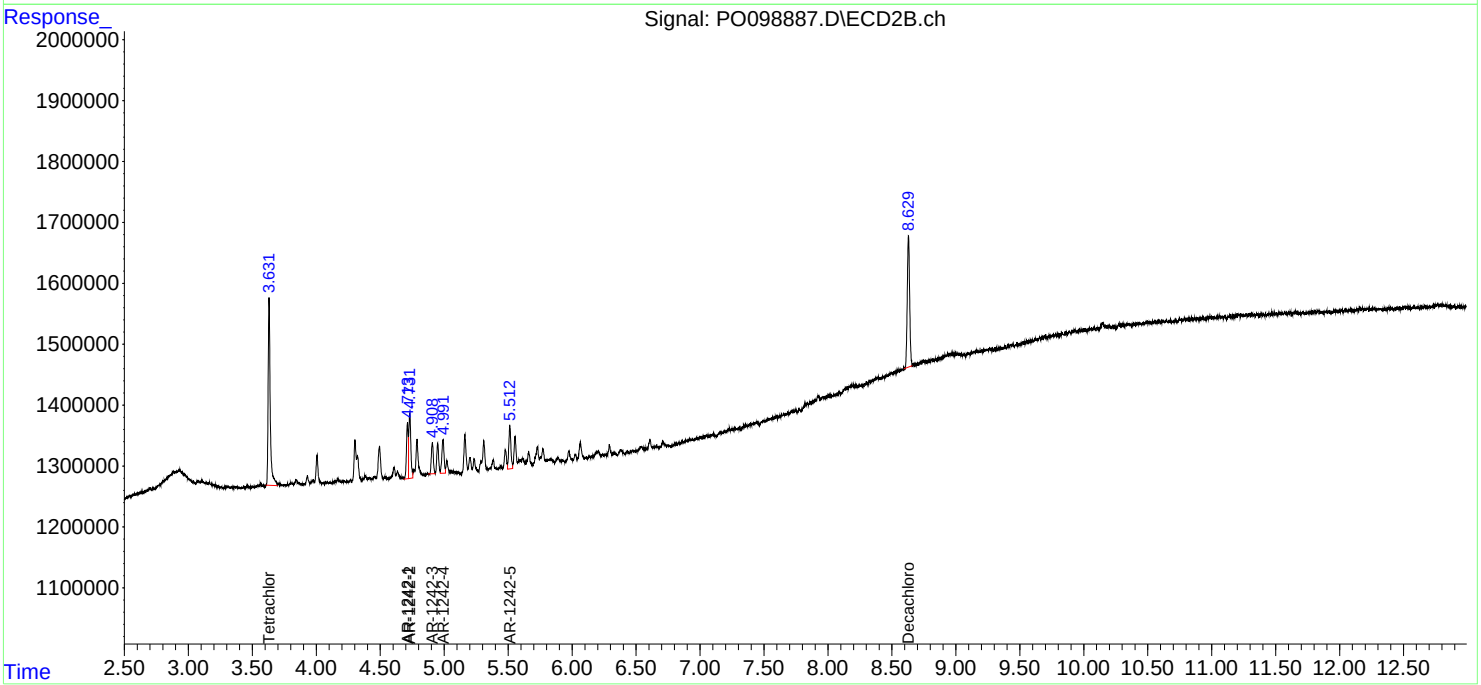
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2023
Supervised By :Ankita Jodhani 10/25/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 04:31:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 04:29:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:42
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: Oct 25 05:28:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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...	4.477	3.631	195.6E6	71757767	96.037	96.273
2)	SA Decachlor...	10.280	8.630	108.6E6	50946851	91.679	92.038
	Target Compounds						
21)	L5 AR-1248-1	5.650	4.712	31777457	12987284	916.387	904.940
22)	L5 AR-1248-2	5.925	4.949	49826889	18816893	921.800	906.998
23)	L5 AR-1248-3	6.130	4.990	53623277	19817774	922.201	909.273
24)	L5 AR-1248-4	6.535	5.162	50520624	23267143	914.428	904.052
25)	L5 AR-1248-5	6.573	5.554	52013973	20395130	918.924	910.384

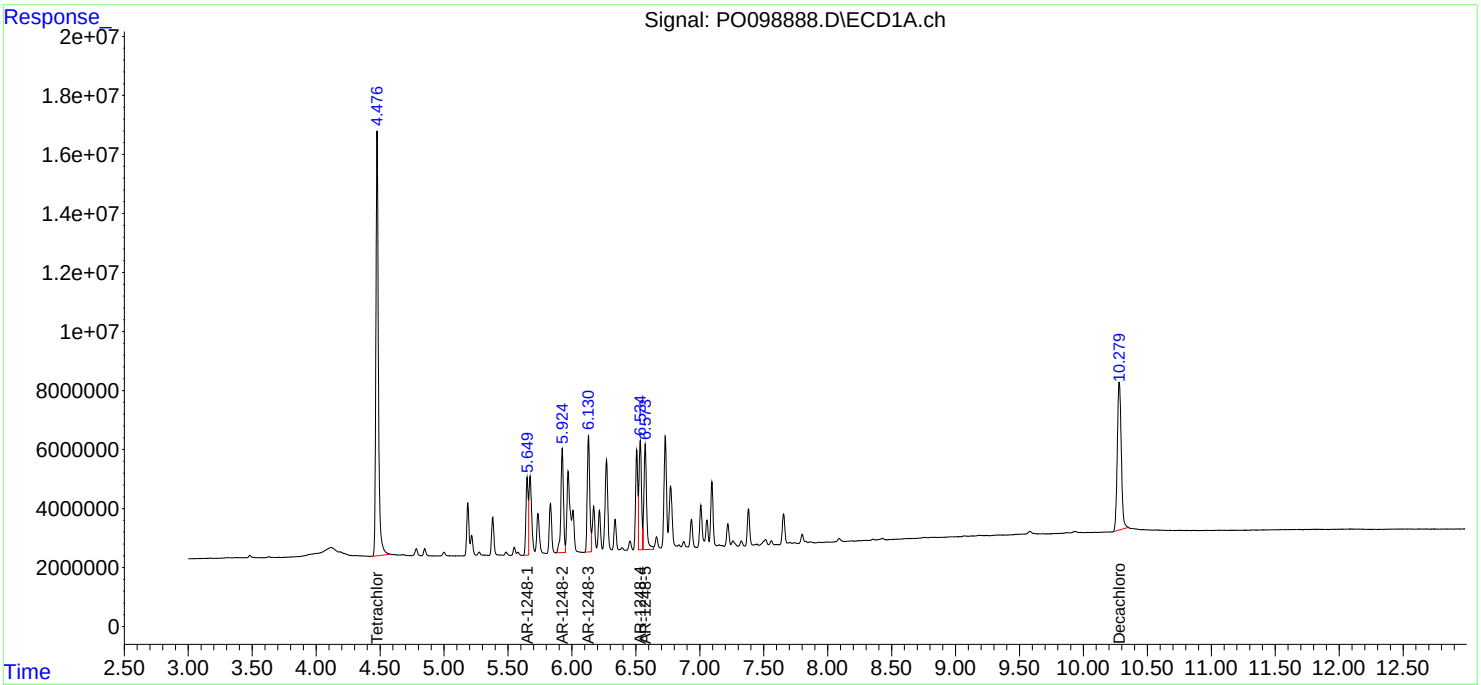
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

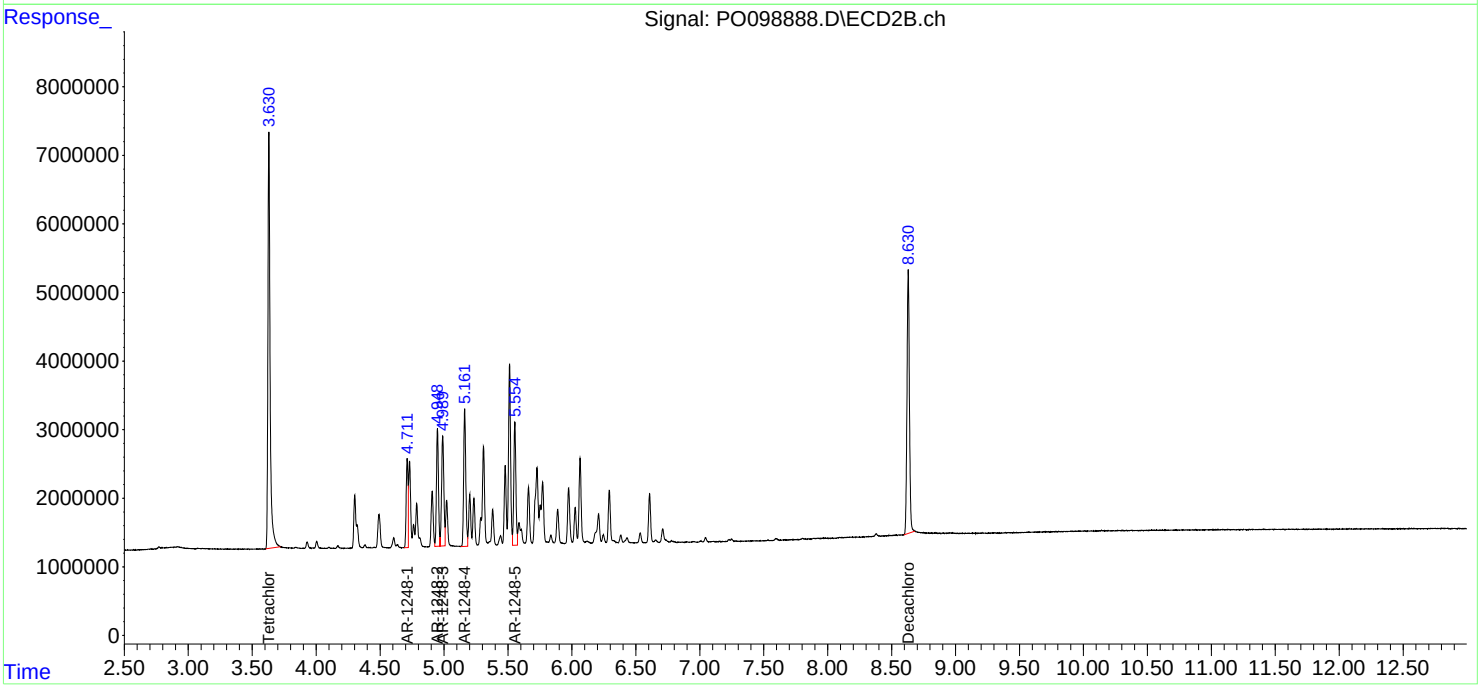
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:42
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:28:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:59
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: Oct 25 05:28:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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...	4.477	3.630	146.9E6	53641389	72.137	71.968
2)	SA Decachlor...	10.280	8.628	84980734	39480895	71.736	71.325
	Target Compounds						
21)	L5 AR-1248-1	5.650	4.712	24392499	9991347	703.422	696.186
22)	L5 AR-1248-2	5.926	4.948	38206057	14488370	706.814	698.358
23)	L5 AR-1248-3	6.131	4.990	40847103	15255743	702.480	699.959
24)	L5 AR-1248-4	6.535	5.161	39119480	17921127	708.066	696.331
25)	L5 AR-1248-5	6.574	5.553	40080686	15890082	708.100	709.291

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

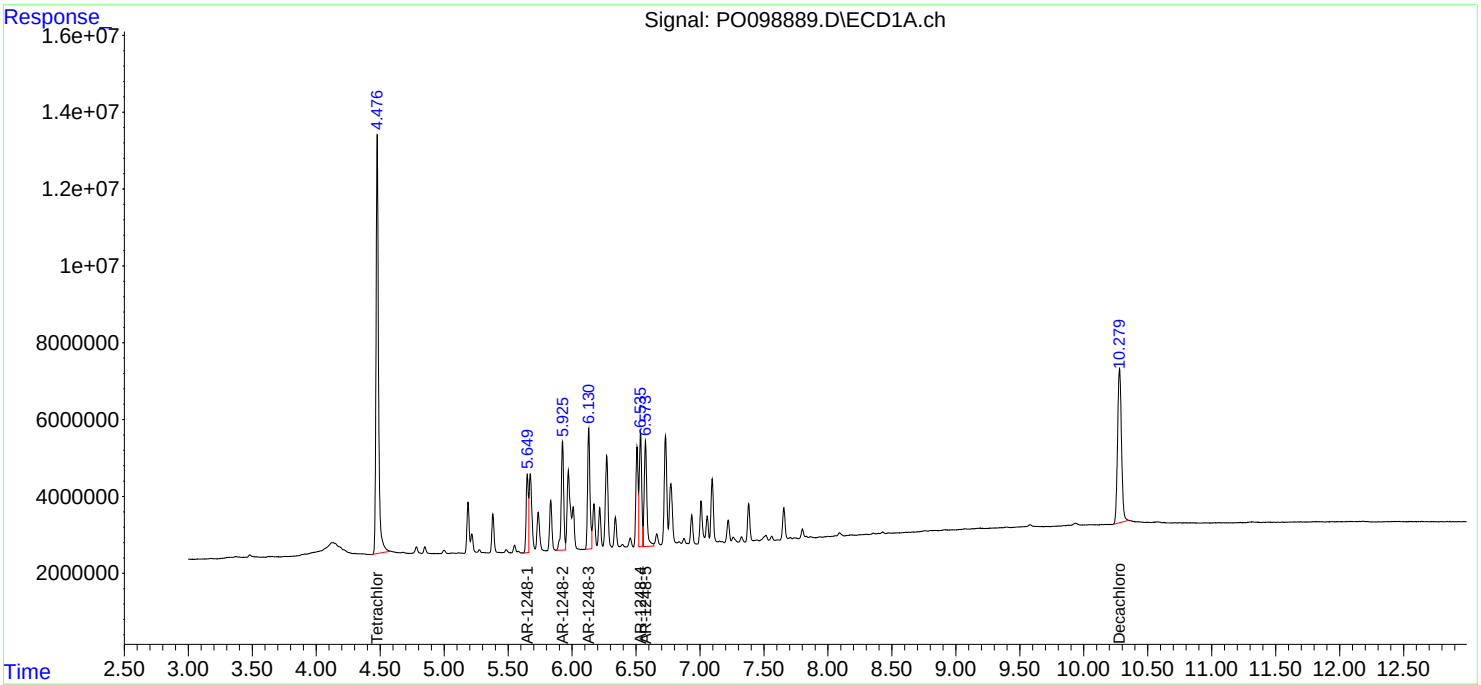
ICAL Form

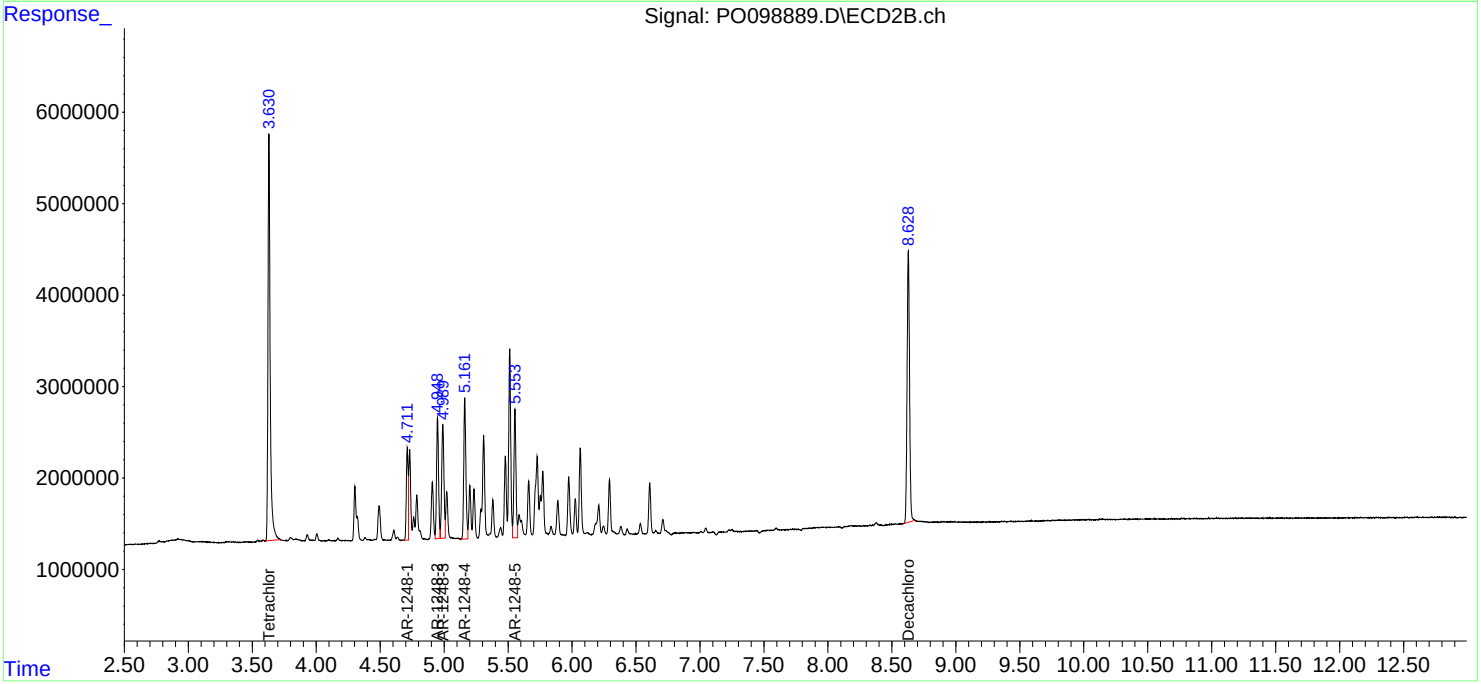
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 00:59
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:28:44 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 01:16
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: Oct 25 05:29:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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...	4.477	3.630	101.8E6	37267697	50.000	50.000
2)	SA Decachlor...	10.281	8.629	59231302	27676949	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.650	4.712	17338453	7175773	500.000	500.000
22)	L5 AR-1248-2	5.925	4.948	27026954	10373169	500.000	500.000
23)	L5 AR-1248-3	6.130	4.990	29073518	10897592	500.000	500.000
24)	L5 AR-1248-4	6.534	5.161	27624171	12868253	500.000	500.000
25)	L5 AR-1248-5	6.574	5.553	28301559	11201386	500.000	500.000

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

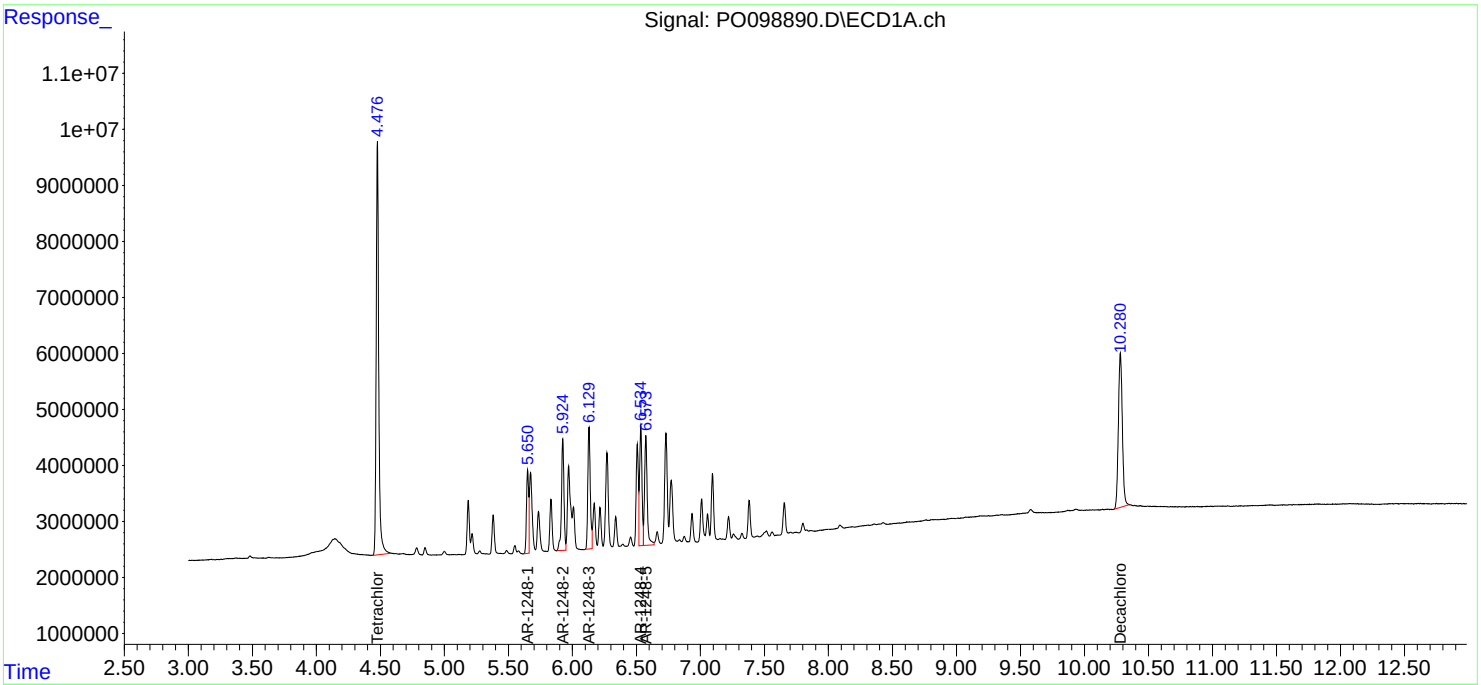
ICAL Form

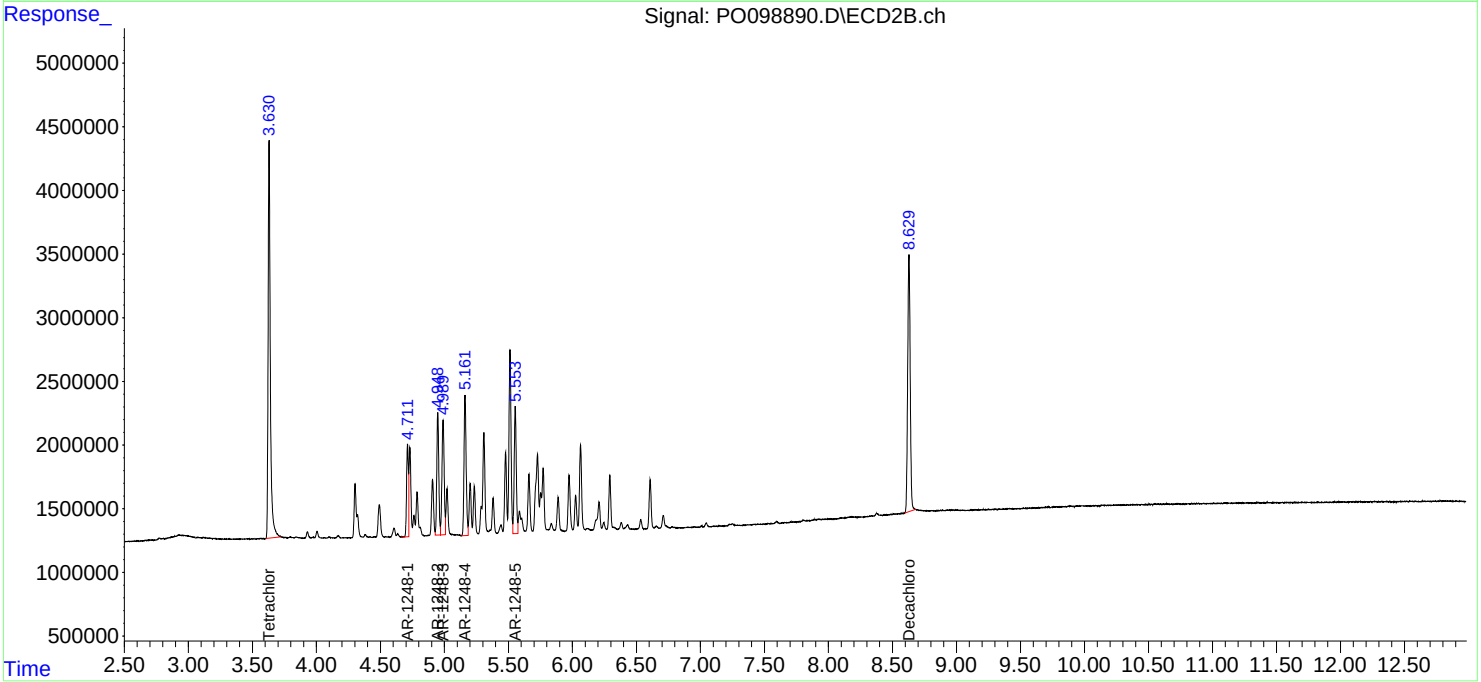
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 01:16
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:29:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 01:33
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: Oct 25 05:29:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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...	4.476	3.630	53345642	19245691	26.195	25.821
2)	SA Decachlor...	10.279	8.628	30443665	14788282	25.699	26.716
	Target Compounds						
21)	L5 AR-1248-1	5.650	4.712	9051508	3760627	261.024	262.036
22)	L5 AR-1248-2	5.925	4.948	14414871	5496837	266.676	264.955
23)	L5 AR-1248-3	6.129	4.989	15561651	5707198	267.626	261.856
24)	L5 AR-1248-4	6.534	5.161	14612340	6791876	264.485	263.900
25)	L5 AR-1248-5	6.573	5.553	15180265	5847466	268.188	261.015

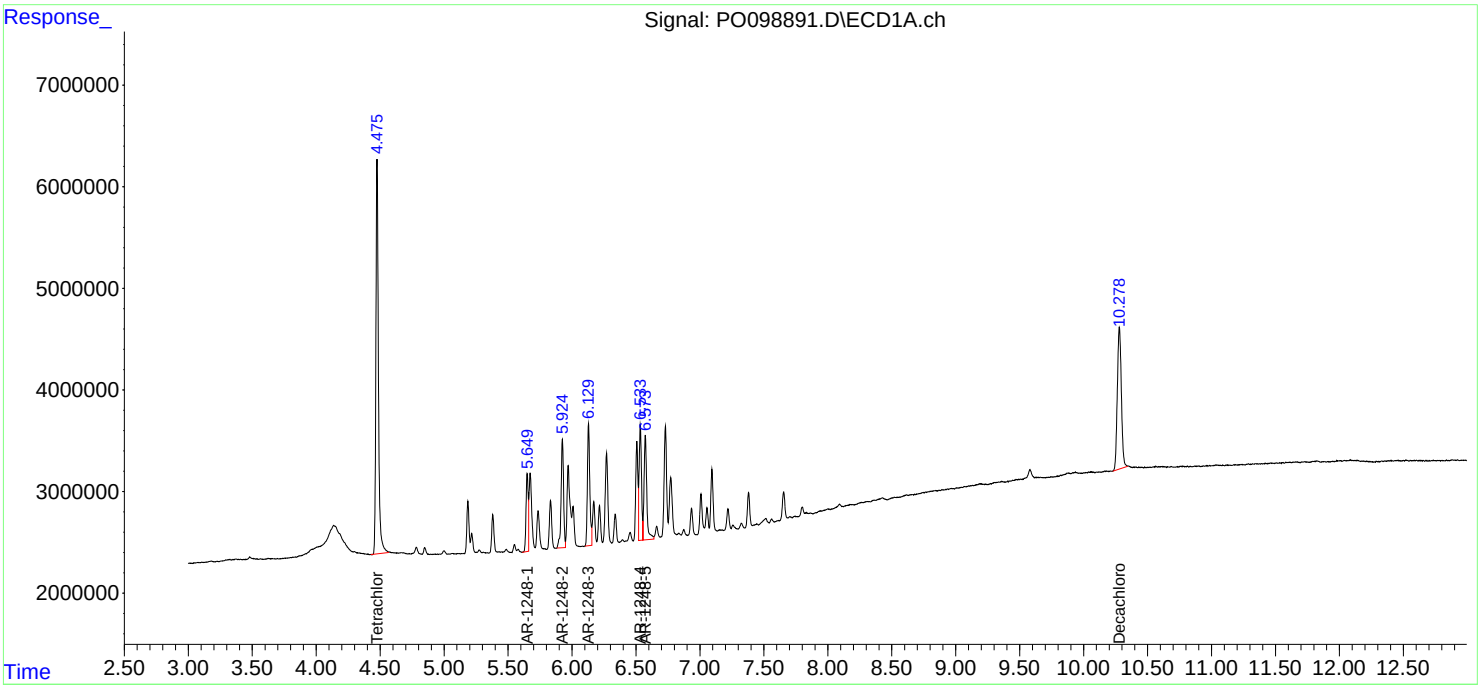
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

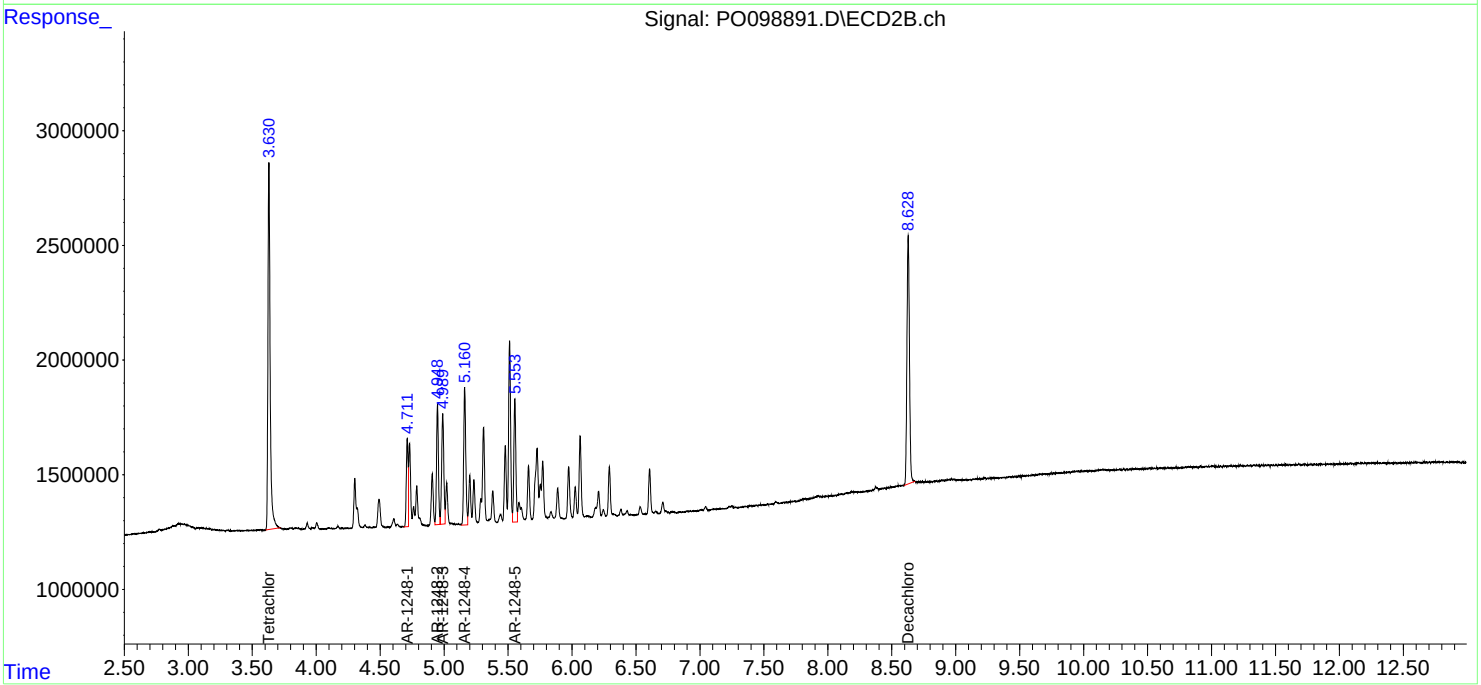
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 01:33
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:29:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 01:50
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: Oct 25 05:29:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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...	4.476	3.630	9913813	3458472	4.868	4.640
2)	SA Decachlor...	10.279	8.629	5526584	2755728	4.665	4.978
	Target Compounds						
21)	L5 AR-1248-1	5.649	4.711	1733981	679837	50.004	47.370
22)	L5 AR-1248-2	5.925	4.948	2459236	922476	45.496	44.465
23)	L5 AR-1248-3	6.129	4.990	2820443	974251	48.505	44.700
24)	L5 AR-1248-4	6.534	5.161	2814027	1142574	50.934	44.395
25)	L5 AR-1248-5	6.573	5.553	3062570	1060874	54.106	47.355

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

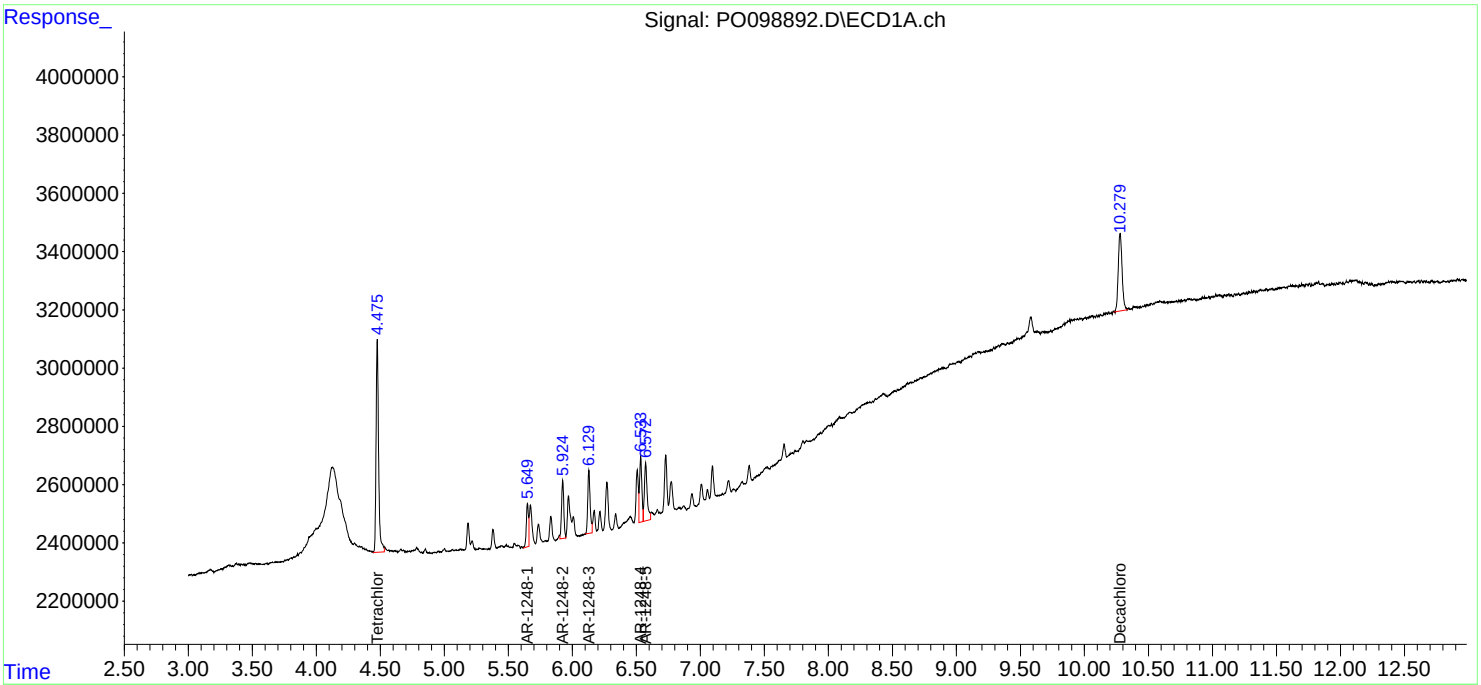
ICAL Form

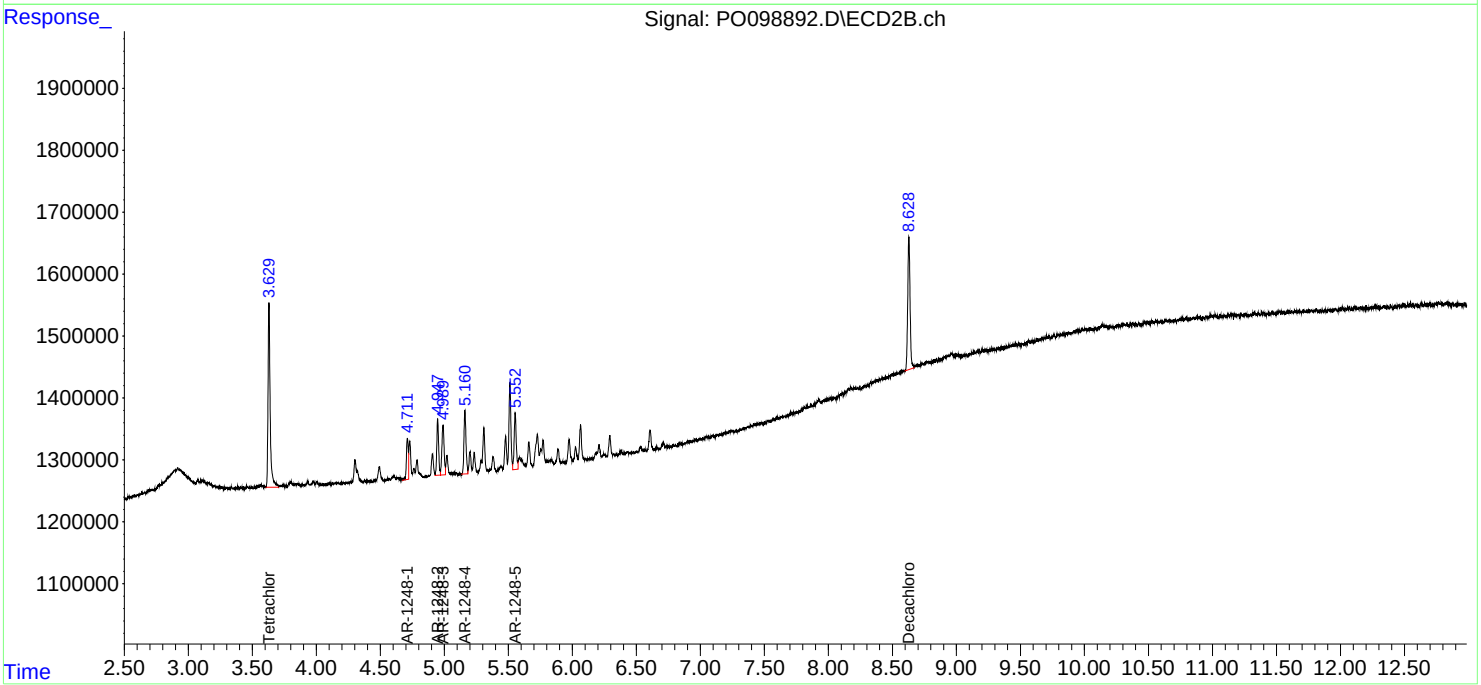
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 01:50
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:29:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:26:39 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:07
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:39:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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...	4.477	3.630	196.2E6	72106262	94.316	94.672
2)	SA Decachlor...	10.279	8.628	110.1E6	50918607	91.481	90.642
	Target Compounds						
26)	L6 AR-1254-1	6.508	5.512	59581679	32900286	892.051	908.072
27)	L6 AR-1254-2	6.728	5.660	86700398	29506119	899.374	904.949
28)	L6 AR-1254-3	7.095	6.063	83174823	45712845	914.024	917.112
29)	L6 AR-1254-4	7.380	6.292	52127999	24932607	920.129	910.637
30)	L6 AR-1254-5	7.800	6.709	63529137	40119812	916.821	917.281

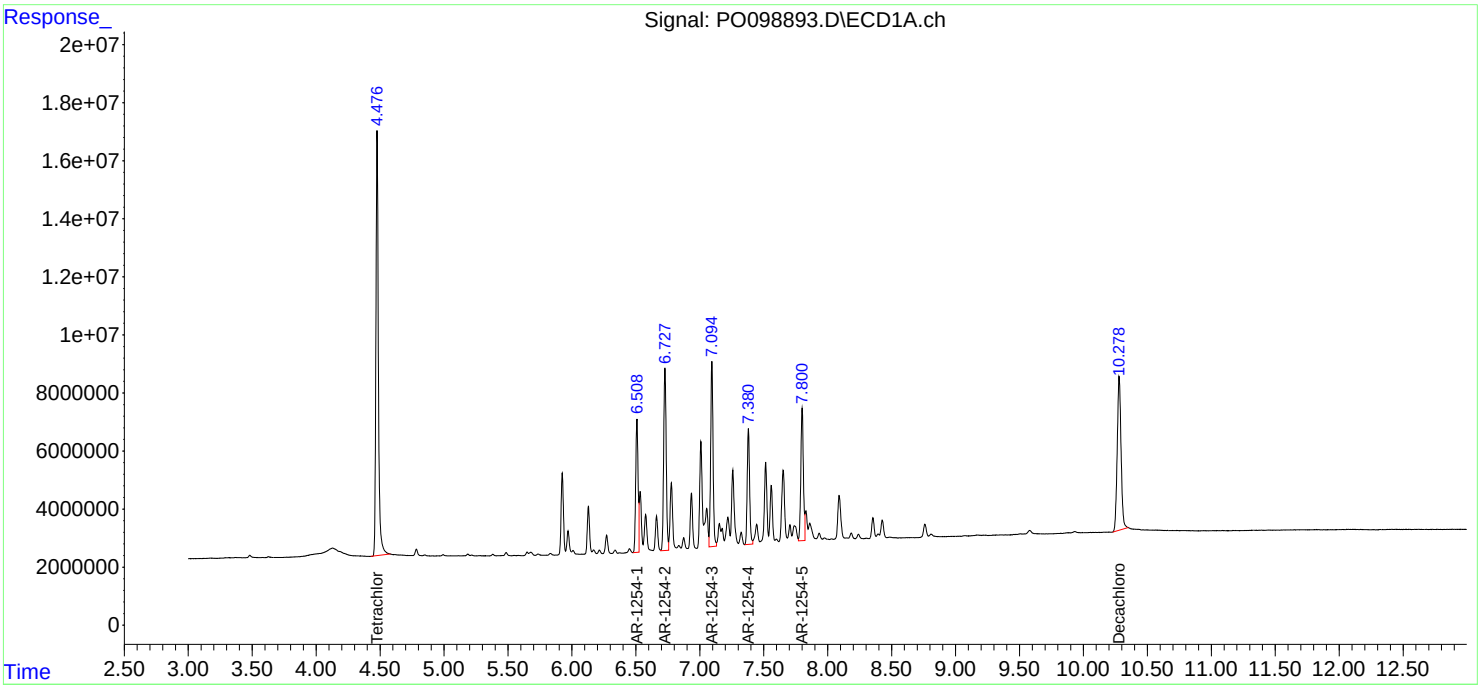
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

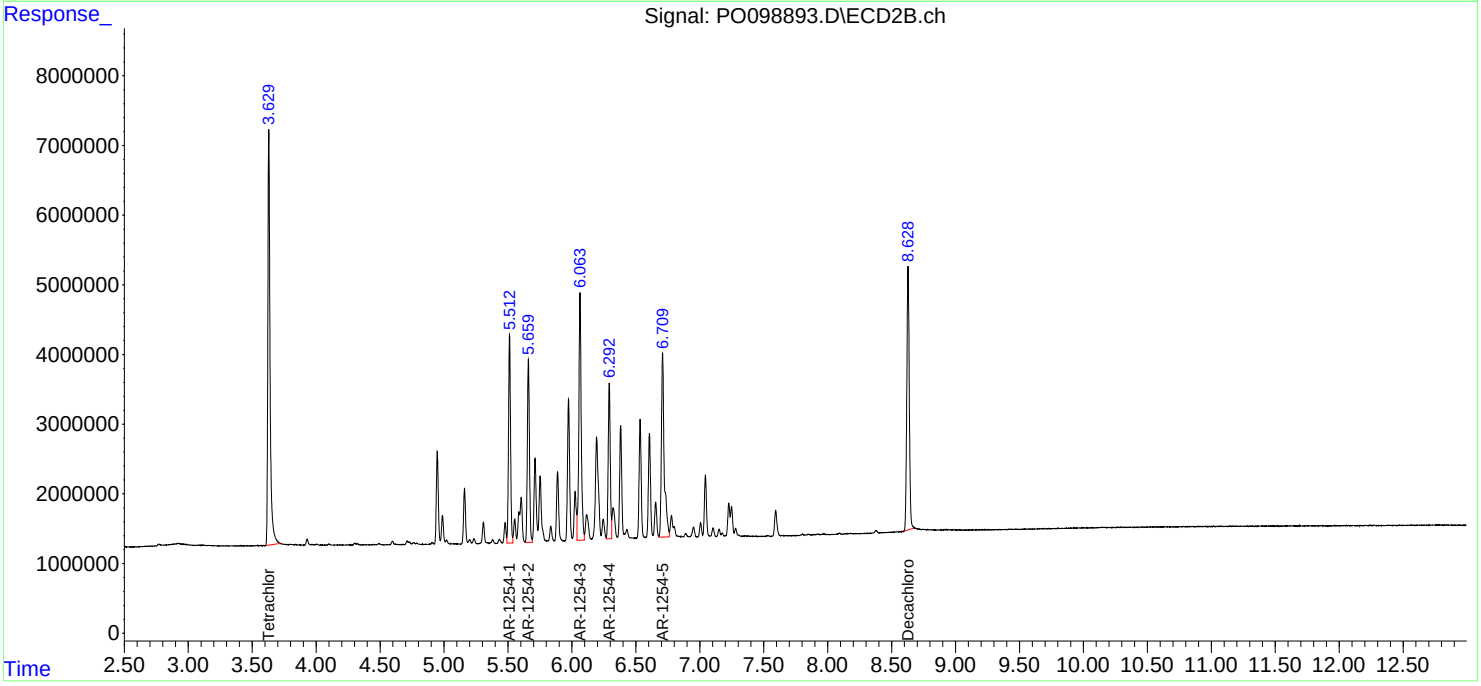
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:07
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:39:20 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:24
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:39:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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...	4.476	3.629	152.3E6	55806021	73.239	73.271
2)	SA Decachlor...	10.280	8.628	86597158	40286354	71.949	71.715
	Target Compounds						
26)	L6 AR-1254-1	6.508	5.512	47613543	25935174	712.865	715.830
27)	L6 AR-1254-2	6.727	5.660	68754859	23289003	713.219	714.271
28)	L6 AR-1254-3	7.094	6.063	65597765	35919604	720.866	720.636
29)	L6 AR-1254-4	7.381	6.292	41154679	19662226	726.435	718.142
30)	L6 AR-1254-5	7.800	6.709	49782842	31350531	718.441	716.784

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

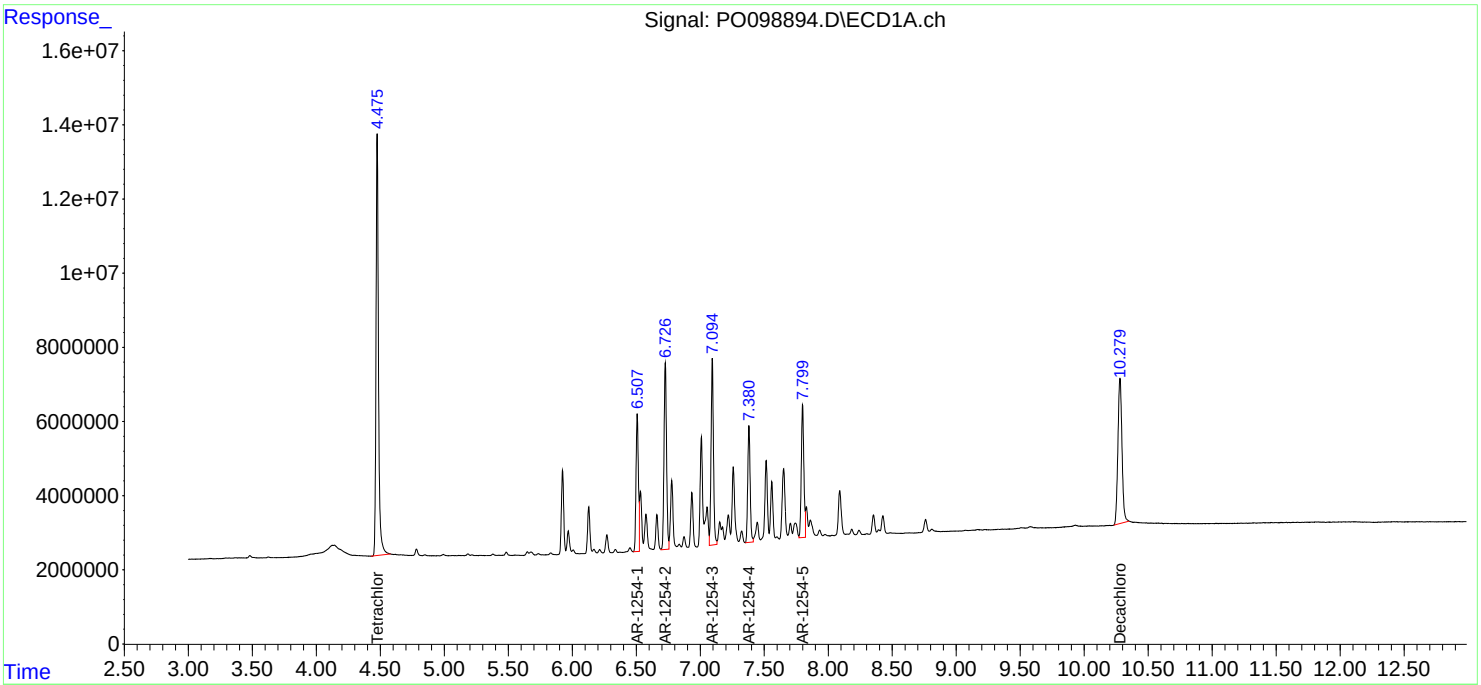
ICAL Form

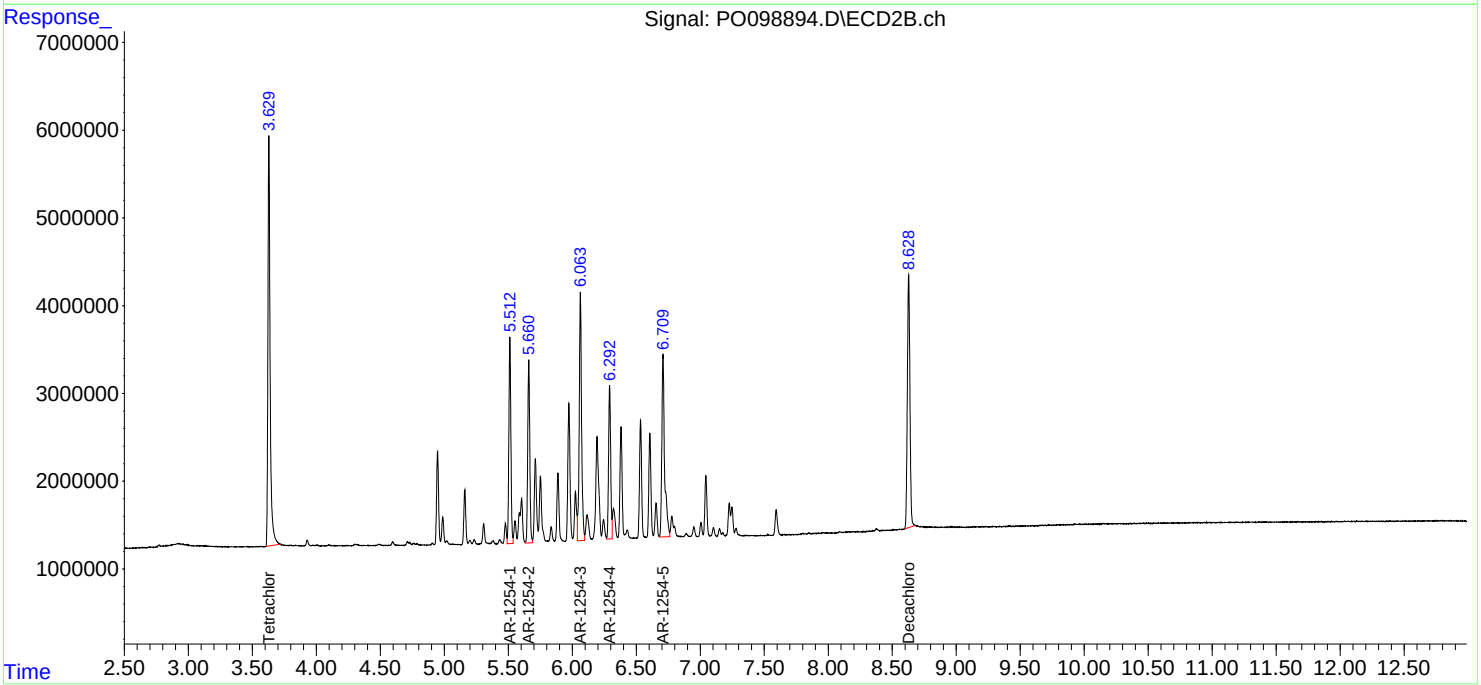
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:24
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:39:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:41
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: Oct 25 05:40:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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...	4.476	3.630	104.0E6	38082063	50.000	50.000
2)	SA Decachlor...	10.280	8.628	60179394	28087775	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.508	5.512	33395886	18115461	500.000	500.000
27)	L6 AR-1254-2	6.727	5.660	48200417	16302638	500.000	500.000
28)	L6 AR-1254-3	7.094	6.064	45499273	24922164	500.000	500.000
29)	L6 AR-1254-4	7.381	6.292	28326457	13689652	500.000	500.000
30)	L6 AR-1254-5	7.801	6.709	34646416	21868876	500.000	500.000

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

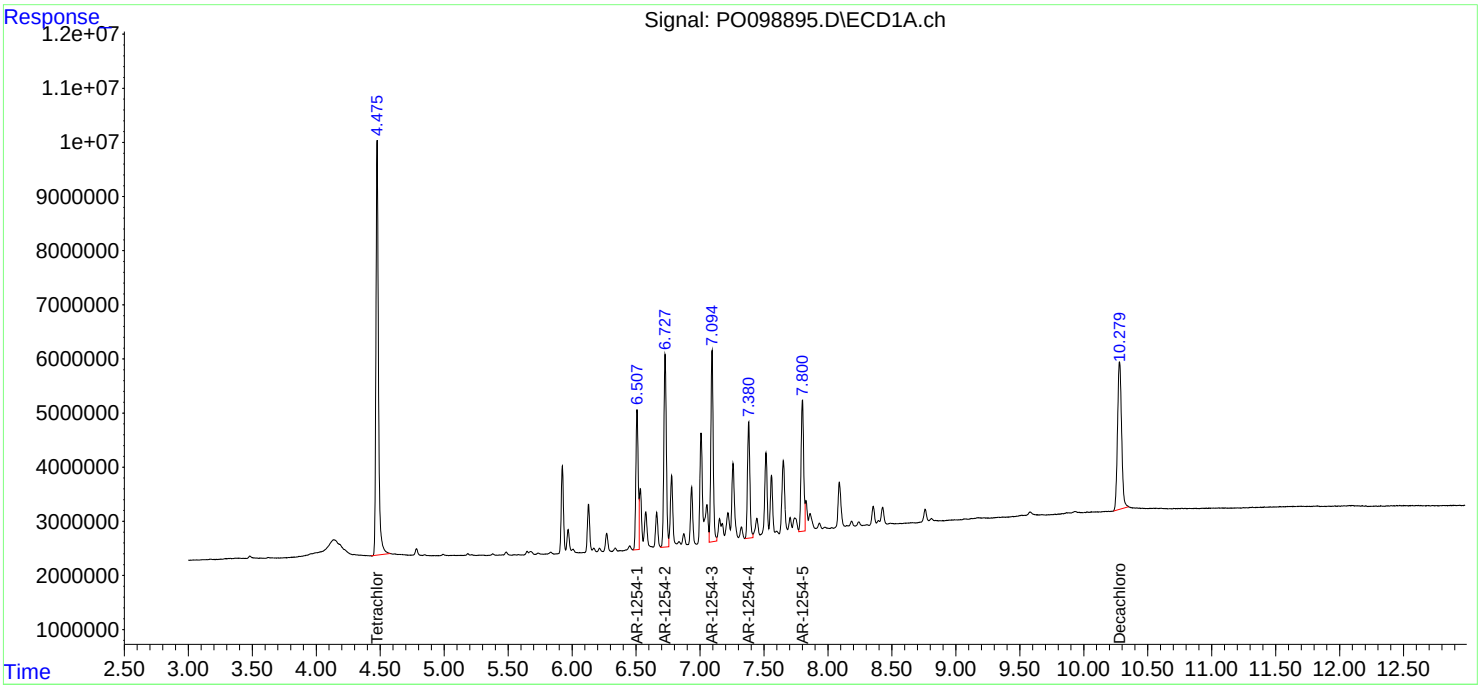
ICAL Form

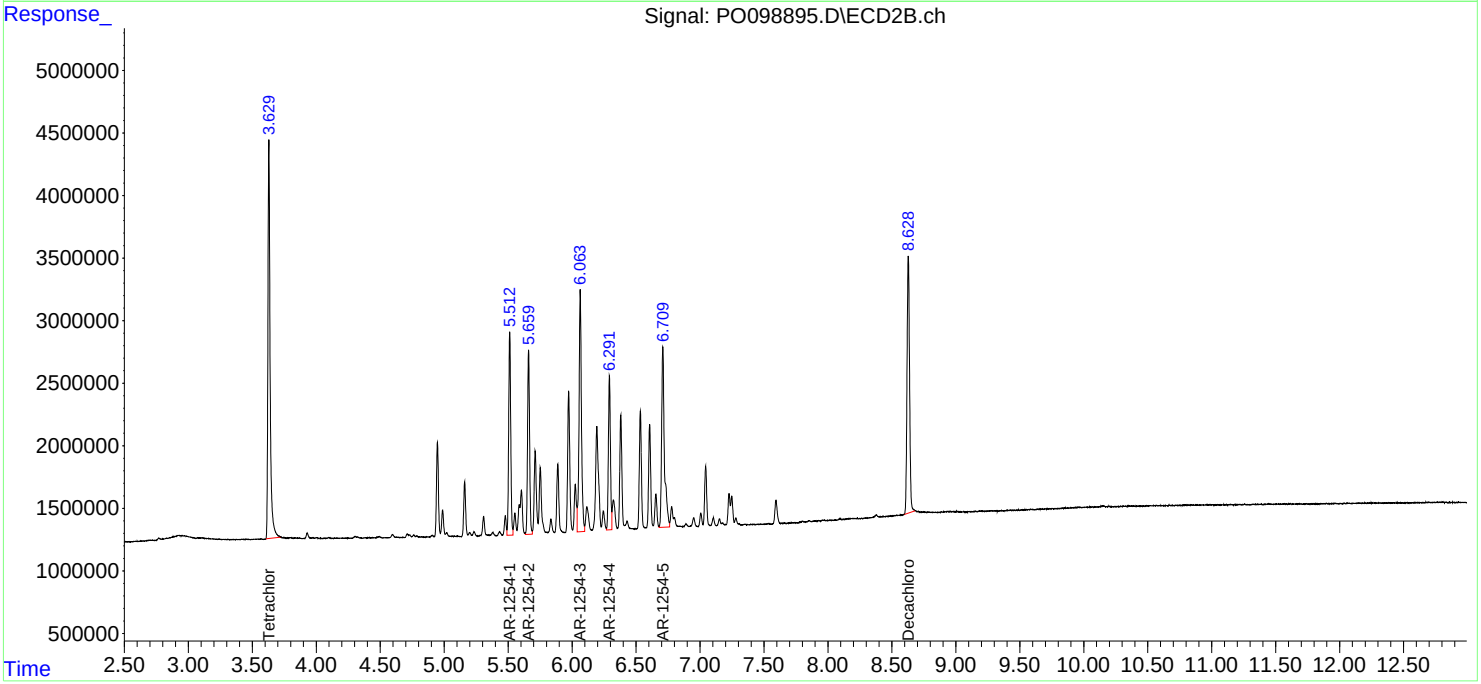
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:41
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:40:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:58
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:40:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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...	4.476	3.629	54027909	19546826	25.978	25.664
2)	SA Decachlor...	10.279	8.628	31149358	14837707	25.880	26.413
	Target Compounds						
26)	L6 AR-1254-1	6.508	5.512	17531001	9672540	262.472	266.969
27)	L6 AR-1254-2	6.727	5.660	25624760	8749410	265.815	268.343
28)	L6 AR-1254-3	7.094	6.064	23916682	13180395	262.825	264.431
29)	L6 AR-1254-4	7.381	6.292	14666275	7096590	258.879	259.195
30)	L6 AR-1254-5	7.801	6.709	17957901	11308336	259.160	258.549

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

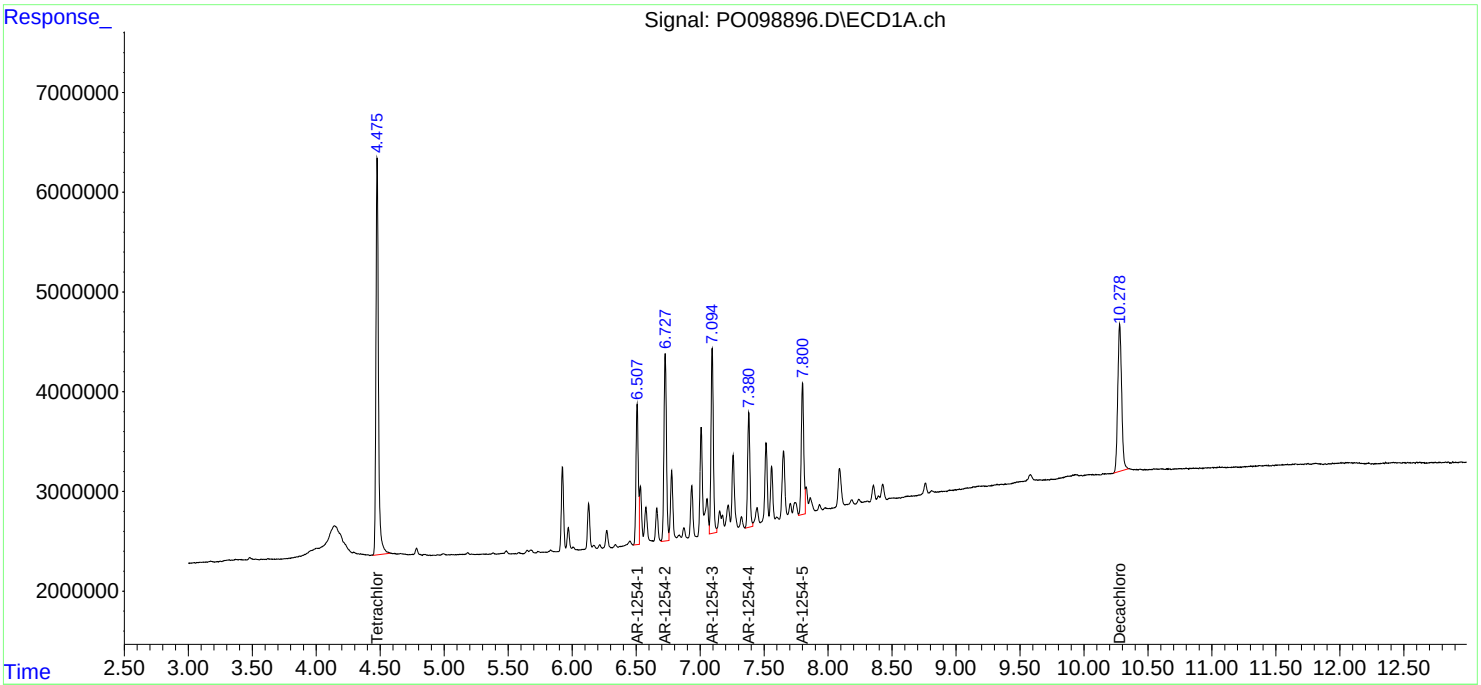
ICAL Form

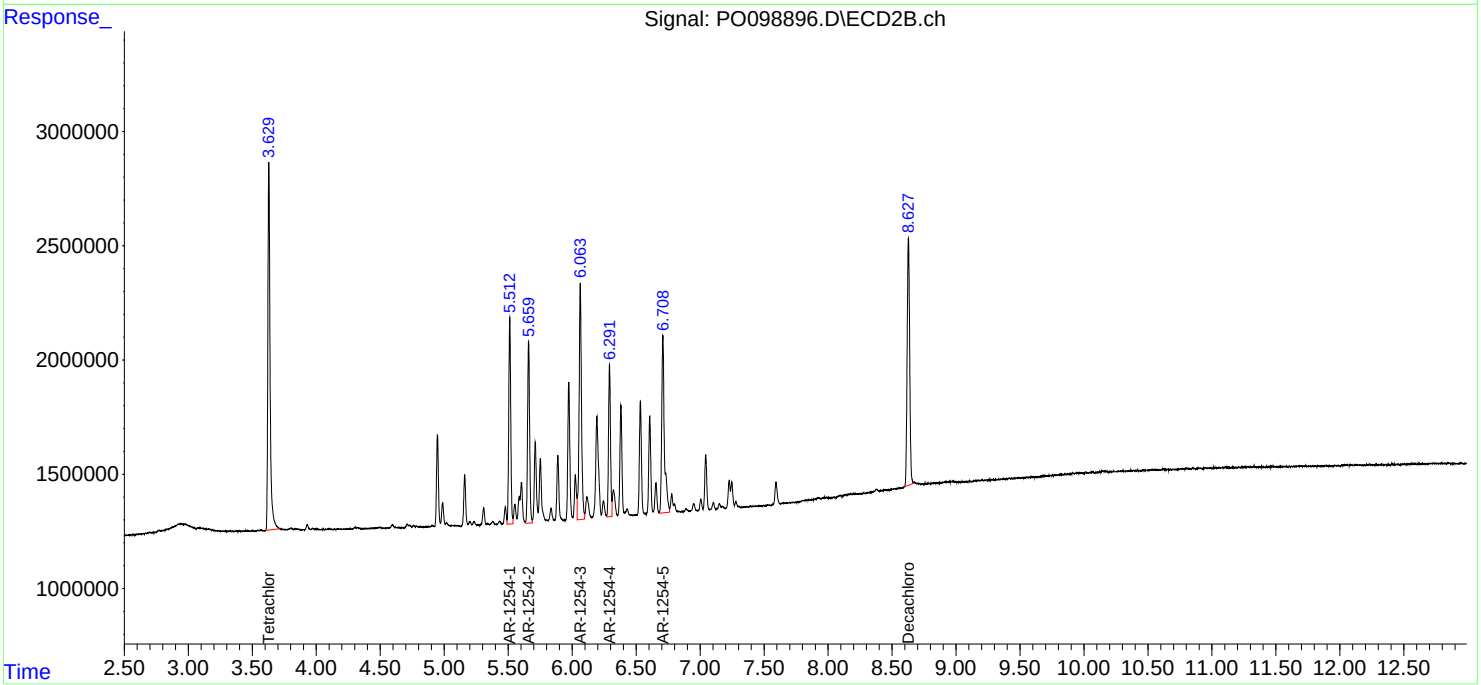
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 02:58
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:40:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 03:15
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:40:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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...	4.476	3.630	10234101	3492995	4.921	4.586
2)	SA Decachlor...	10.279	8.628	5715409	2748983	4.749	4.894
	Target Compounds						
26)	L6 AR-1254-1	6.508	5.512	3457641	1738256	51.767	47.977
27)	L6 AR-1254-2	6.727	5.660	5203487	1588050	53.978	48.705
28)	L6 AR-1254-3	7.094	6.063	4480577	2413292	49.238	48.417
29)	L6 AR-1254-4	7.380	6.292	2579930	1205977	45.539	44.047
30)	L6 AR-1254-5	7.800	6.709	3282170	1994116	47.367	45.593

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

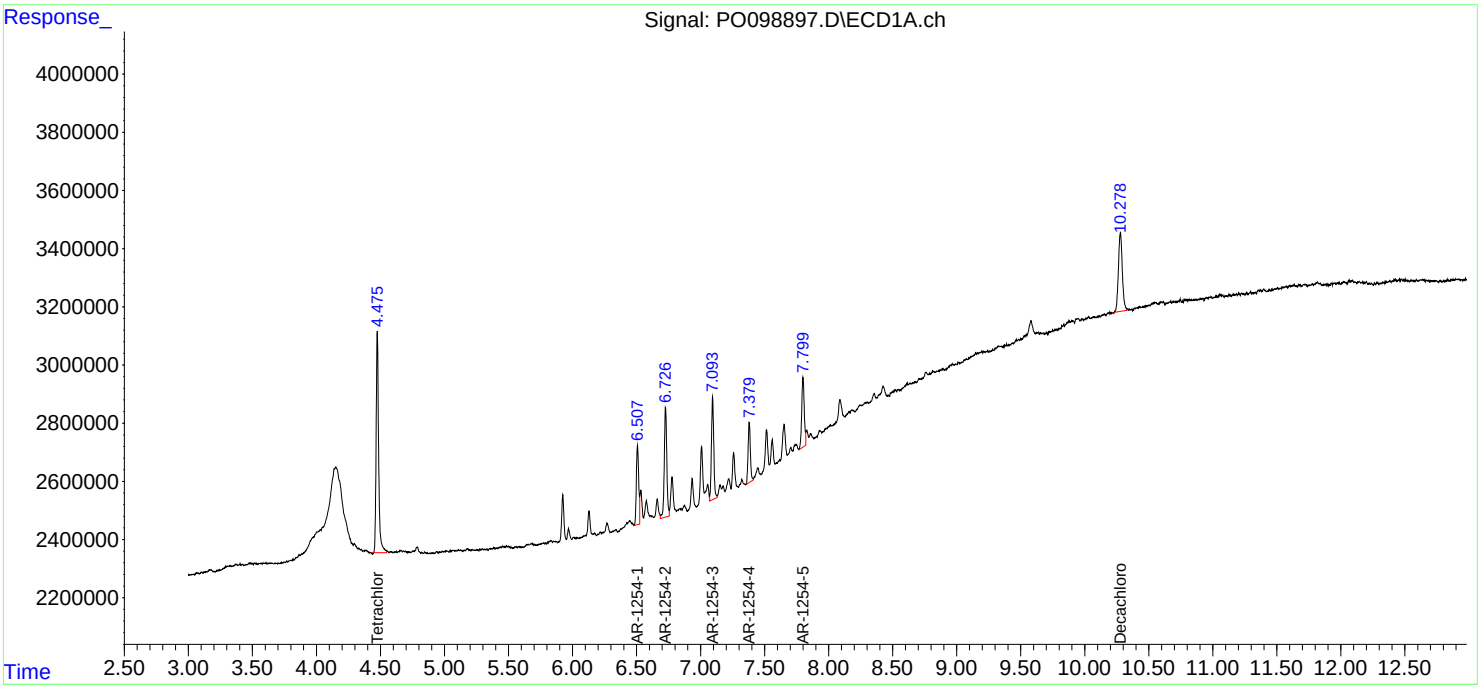
ICAL Form

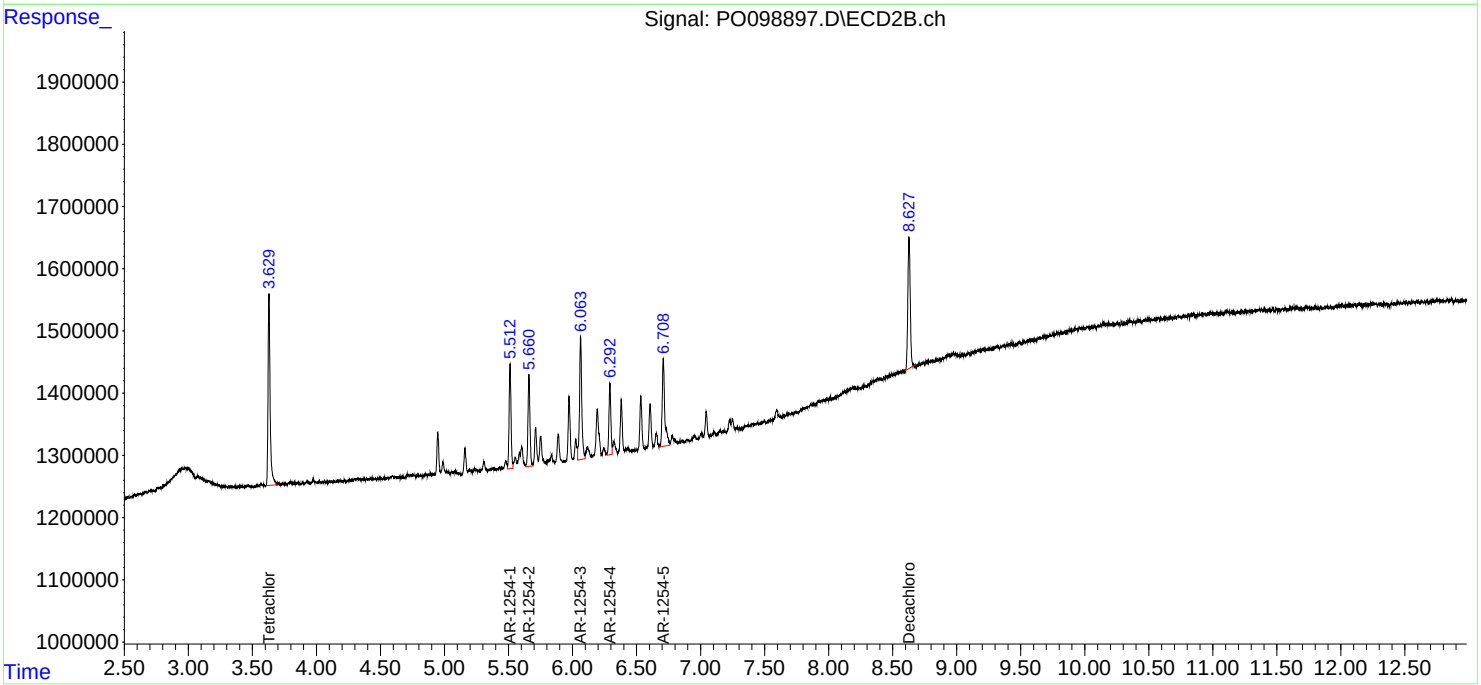
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 03:15
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:40:46 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:37:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 03:32
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: Oct 25 05:47:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:47:04 2023
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...	4.476	3.630	105.9E6	38751035	50.000	50.000
2)	SA Decachlor...	10.278	8.629	60563466	28581958	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	7.876	6.747	45255781	23460487	500.000	500.000
37)	L8 AR-1262-2	8.427	7.006	66653717	20758459	500.000	500.000
38)	L8 AR-1262-3	8.745	7.531	49167959	15973394	500.000	500.000
39)	L8 AR-1262-4	8.836	7.595	40054961	27489526	500.000	500.000
40)	L8 AR-1262-5	9.506	8.090	21970426	12557095	500.000	500.000

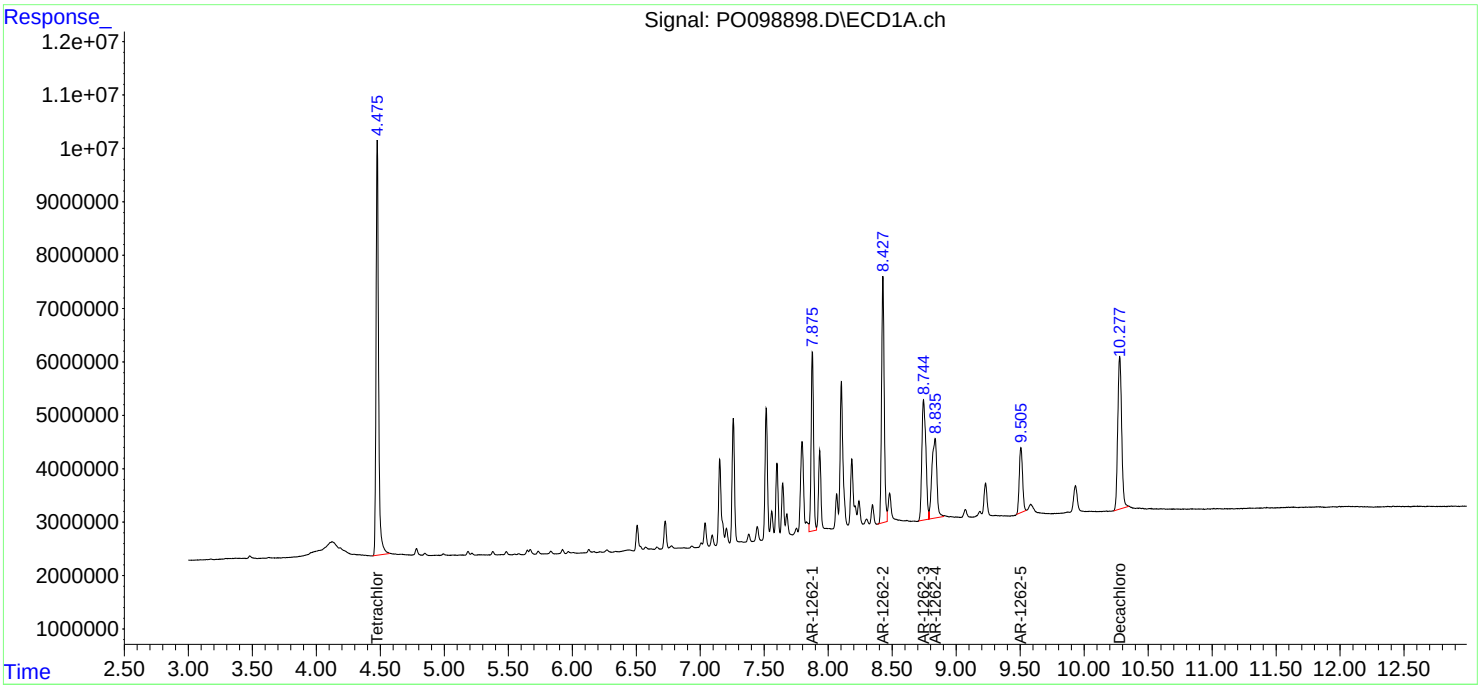
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

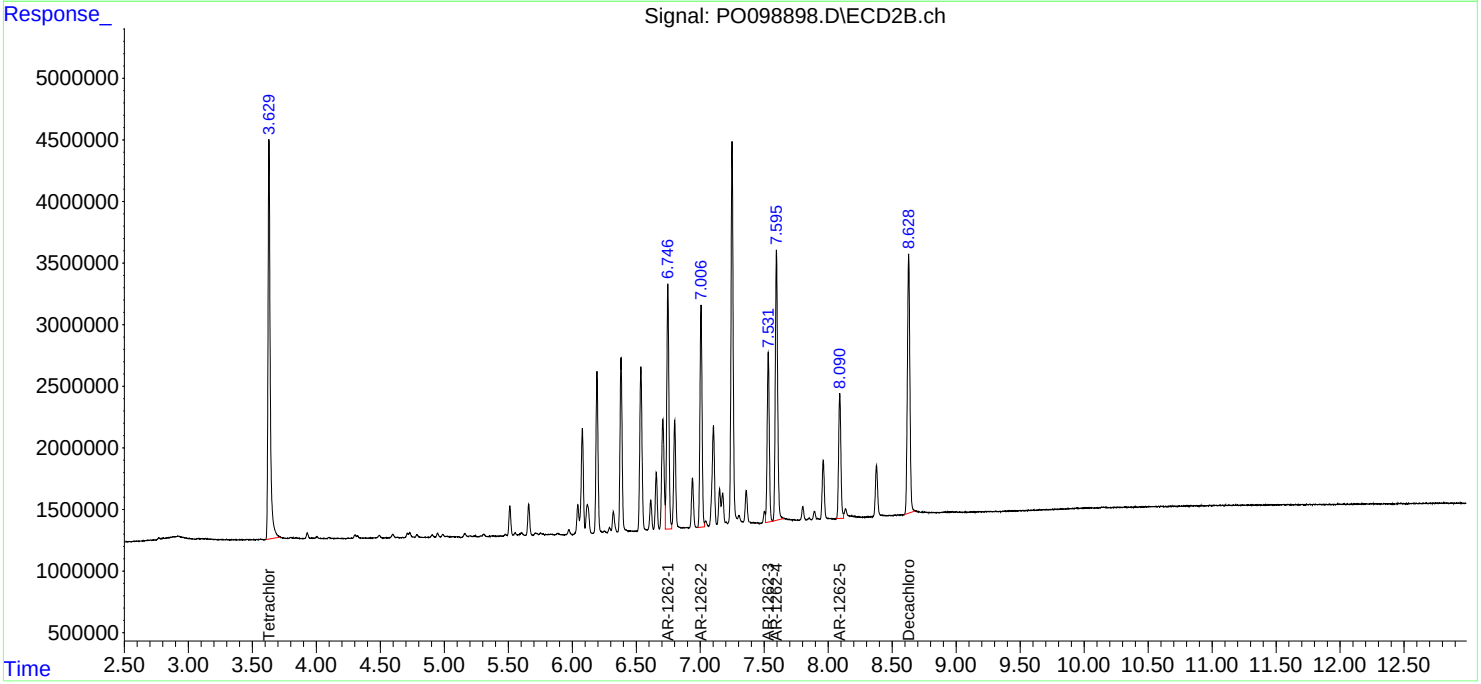
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 03:32
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:47:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:47:04 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 03:49
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: Oct 25 05:51:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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...	4.476	3.630	205.0E6	75189550	96.126	95.921
2)	SA Decachlor...	10.279	8.628	197.7E6	91466213	93.831	94.058
	Target Compounds						
41)	L9 AR-1268-1	8.744	7.532	167.1E6	85641137	947.617	958.055
42)	L9 AR-1268-2	8.841	7.597	152.4E6	76443943	945.209	959.544
43)	L9 AR-1268-3	9.072	7.802	135.2E6	67068705	942.052	943.290
44)	L9 AR-1268-4	9.507	8.091	50291800	26181713	973.757	910.618
45)	L9 AR-1268-5	9.933	8.378	405.0E6	188.4E6	958.548	971.569

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

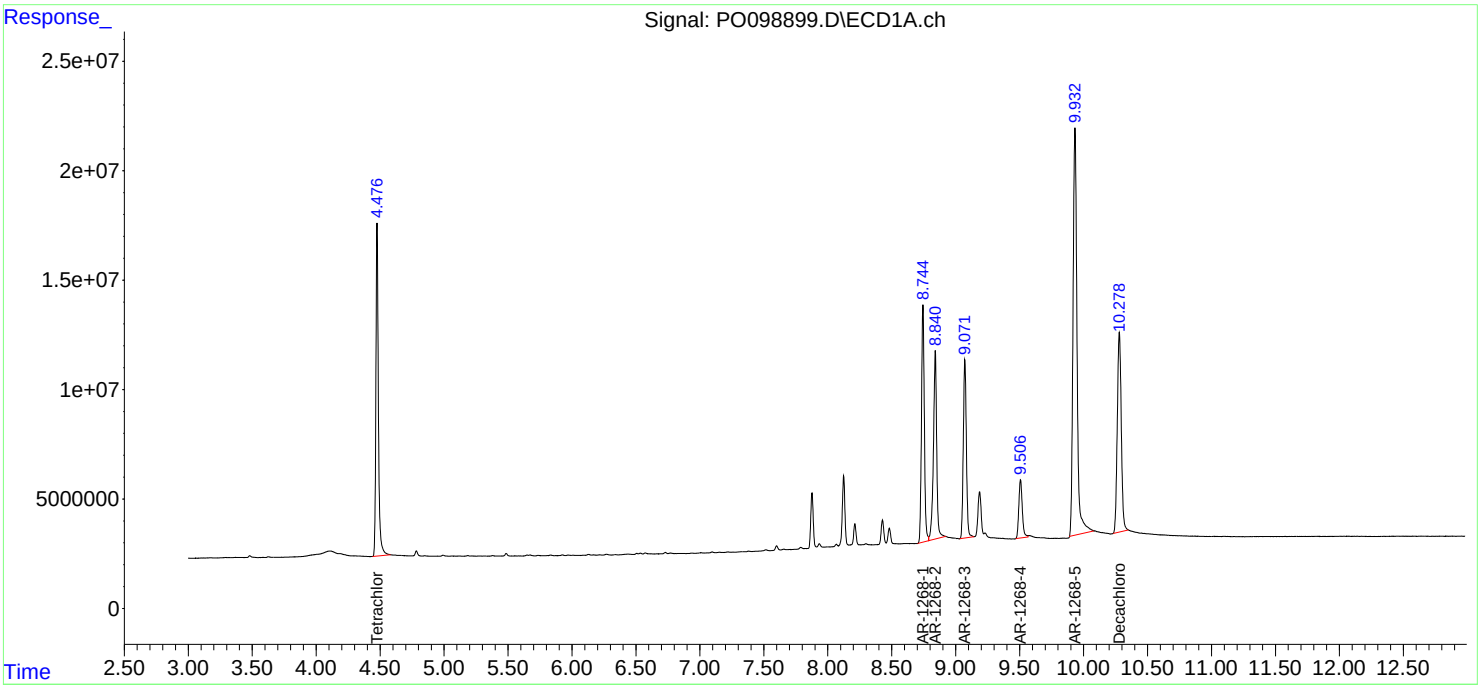
ICAL Form

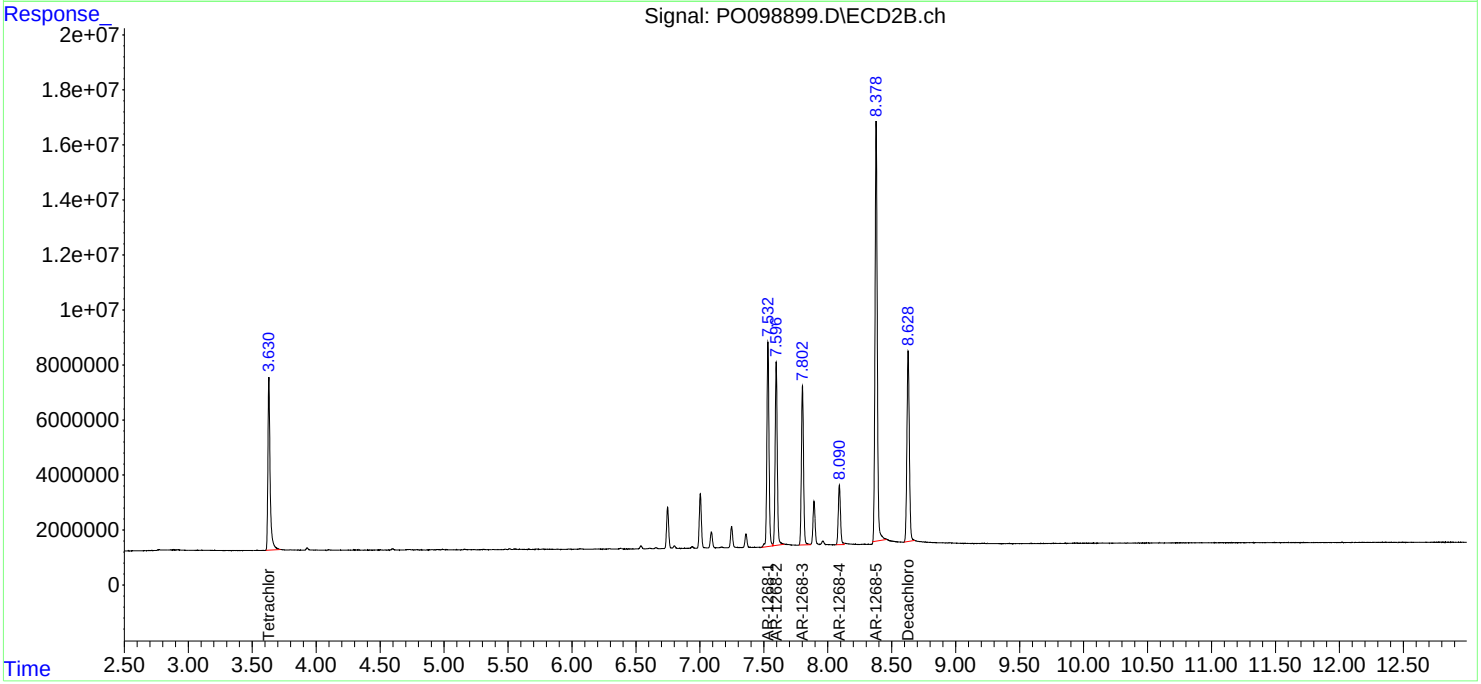
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 03:49
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:51:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:06
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: Oct 25 05:51:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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...	4.476	3.630	154.5E6	57043246	72.426	72.772
2)	SA Decachlor...	10.281	8.629	148.8E6	69225728	70.616	71.187
	Target Compounds						
41)	L9 AR-1268-1	8.744	7.532	126.1E6	64413225	714.975	720.581
42)	L9 AR-1268-2	8.841	7.597	114.6E6	57346706	710.844	719.830
43)	L9 AR-1268-3	9.072	7.802	102.2E6	50746833	712.172	713.730
44)	L9 AR-1268-4	9.508	8.091	37998966	20252120	735.742	704.383
45)	L9 AR-1268-5	9.933	8.378	302.6E6	140.3E6	716.319	723.334

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

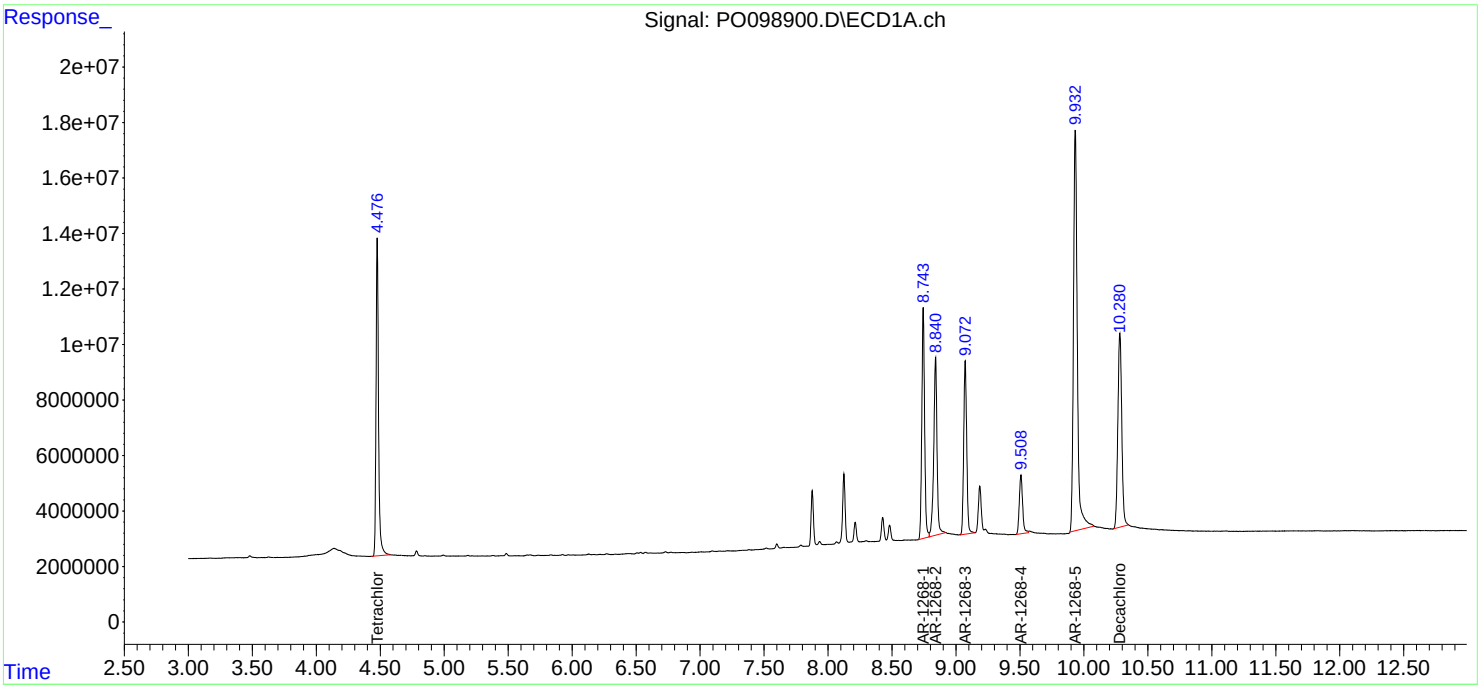
ICAL Form

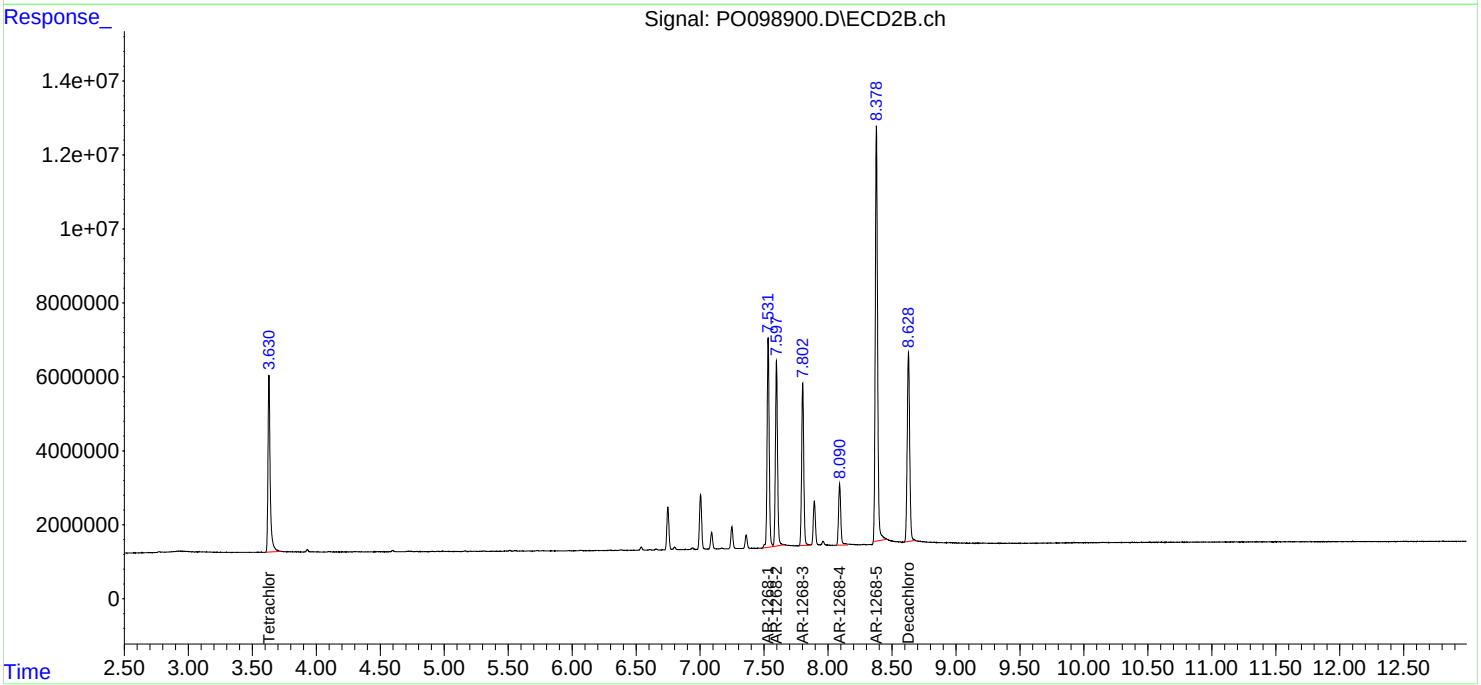
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:06
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:51:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:22
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: Oct 25 05:52:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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...	4.476	3.630	106.6E6	39193376	50.000	50.000
2)	SA Decachlor...	10.279	8.629	105.4E6	48622126	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.744	7.532	88169462	44695328	500.000	500.000
42)	L9 AR-1268-2	8.840	7.597	80594686	39833488	500.000	500.000
43)	L9 AR-1268-3	9.073	7.802	71741482	35550433	500.000	500.000
44)	L9 AR-1268-4	9.506	8.090	25823577	14375787	500.000	500.000
45)	L9 AR-1268-5	9.932	8.378	211.2E6	96962600	500.000	500.000

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

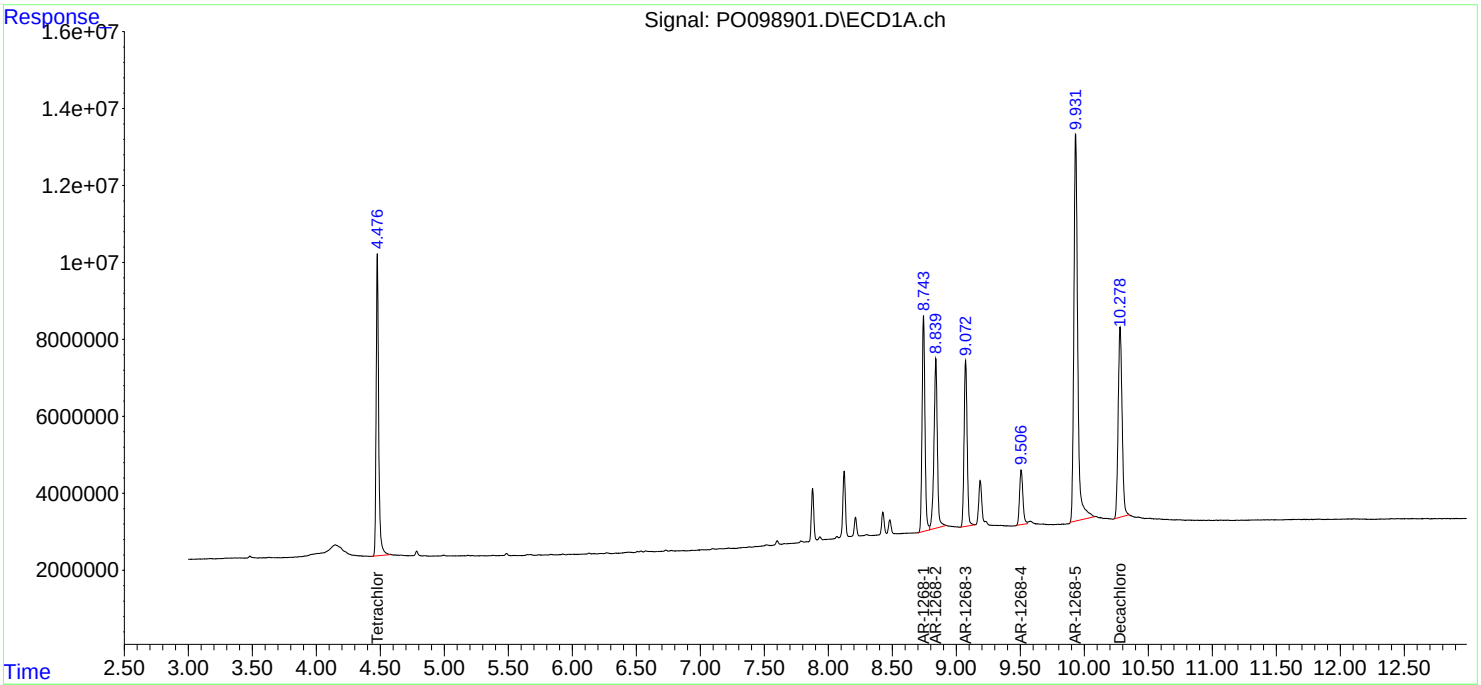
ICAL Form

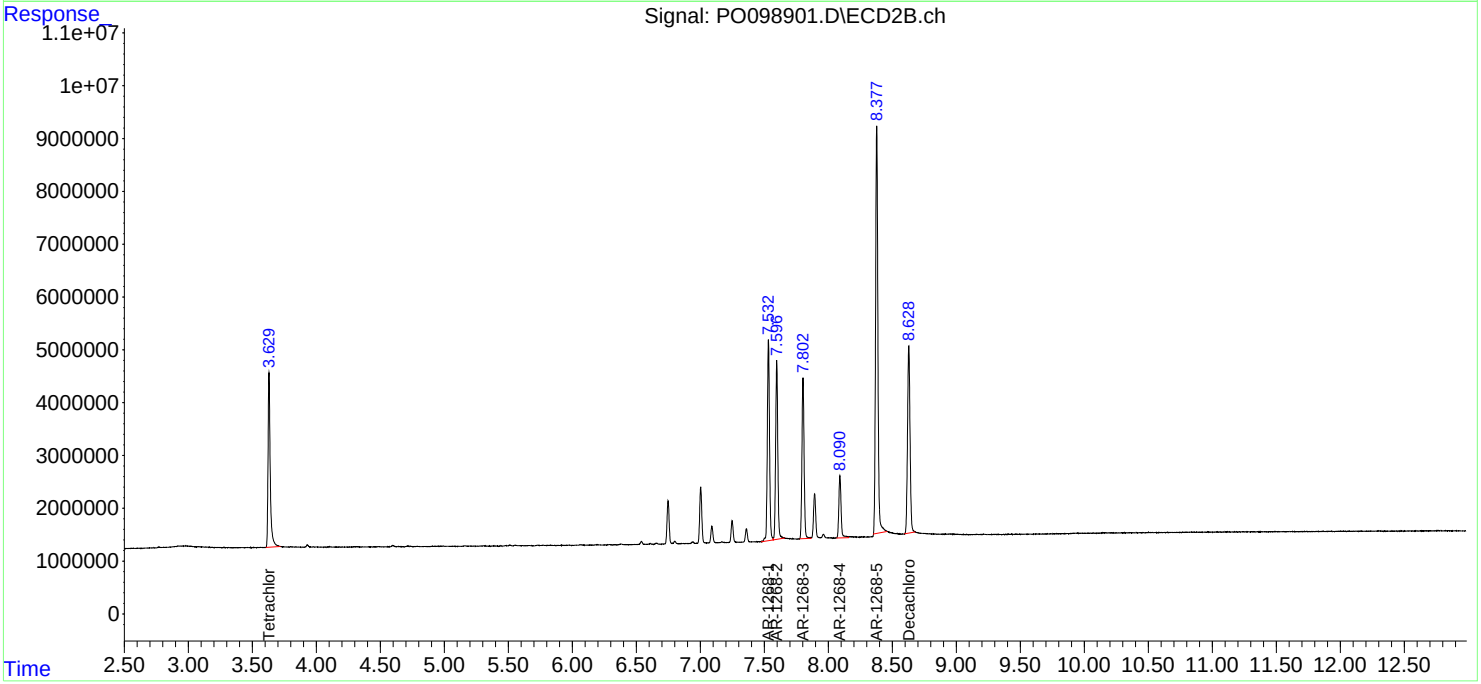
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:22
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:52:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:39
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: Oct 25 05:52:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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...	4.476	3.630	55014150	19975301	25.796	25.483
2)	SA Decachlor...	10.280	8.629	54051282	25391571	25.647	26.111
	Target Compounds						
41)	L9 AR-1268-1	8.742	7.531	45716379	23369086	259.253	261.426
42)	L9 AR-1268-2	8.839	7.597	41692634	20799218	258.656	261.077
43)	L9 AR-1268-3	9.072	7.802	37225912	18583818	259.445	261.373
44)	L9 AR-1268-4	9.506	8.090	12895488	7326384	249.684	254.817
45)	L9 AR-1268-5	9.933	8.378	106.0E6	48886731	250.852	252.091

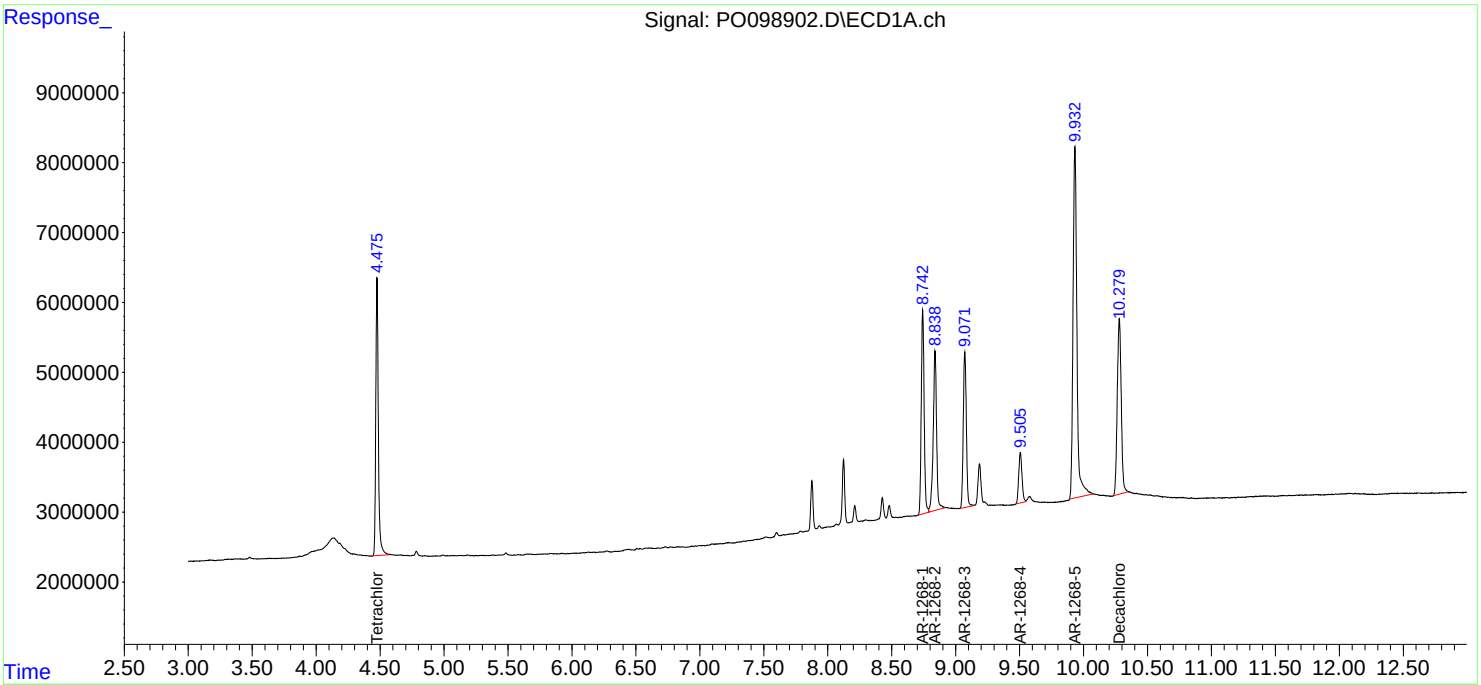
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

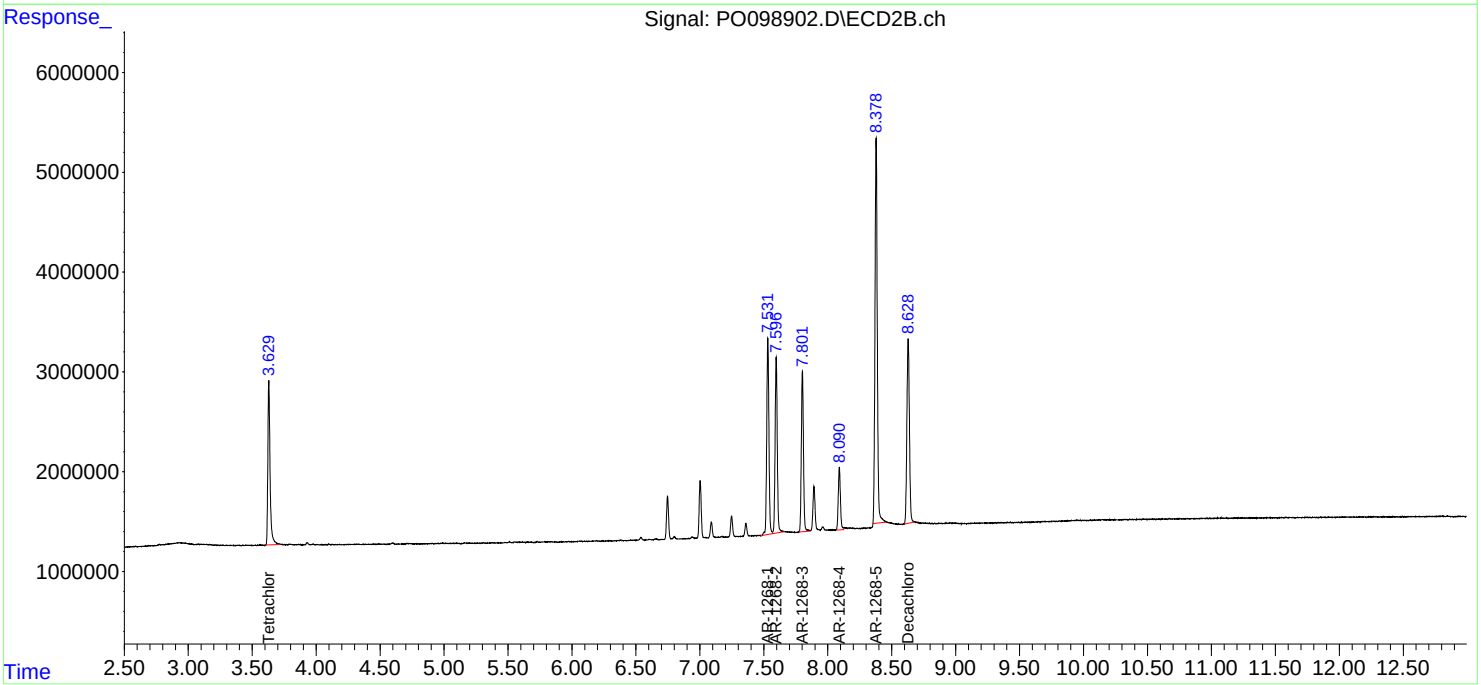
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:39
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:52:30 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:56
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: Oct 25 05:52:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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...	4.476	3.629	9867171	3536588	4.627	4.512
2)	SA Decachlor...	10.279	8.628	10084512	4976561	4.785	5.118
	Target Compounds						
41)	L9 AR-1268-1	8.743	7.531	8340795	4579225	47.300	51.227
42)	L9 AR-1268-2	8.839	7.596	7543968	3950737	46.802	49.591
43)	L9 AR-1268-3	9.072	7.801	6862983	3592703	47.831	50.530
44)	L9 AR-1268-4	9.506	8.090	2326902	1327648	45.054	46.177
45)	L9 AR-1268-5	9.932	8.378	19561210	9411656	46.301	48.532

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

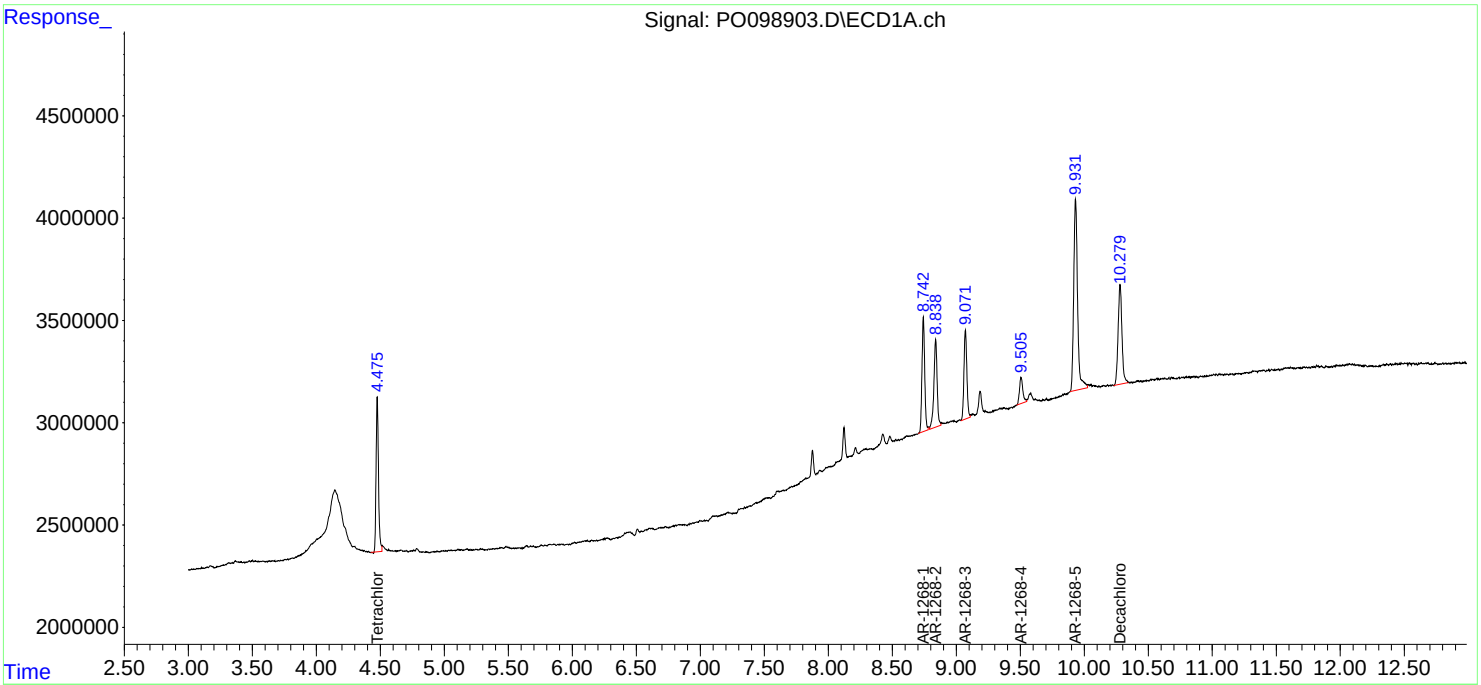
ICAL Form

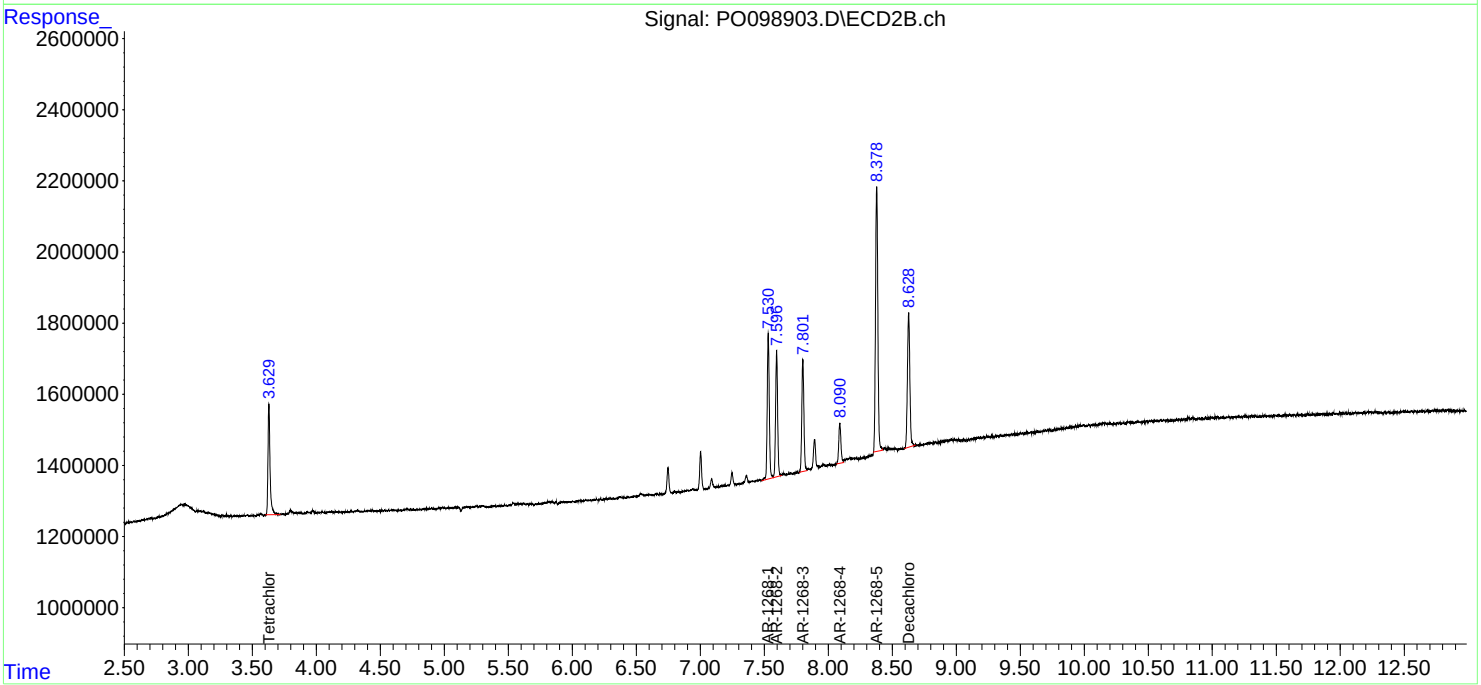
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 04:56
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 05:52:52 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 05:50:55 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 05:13
Operator : YP/AJ
Sample : PO102423ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:05:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.476	3.630	105.3E6	38499920	53.272	53.496
2)	SA Decachlor...	10.280	8.628	60522204	28481767	53.424	53.085
	Target Compounds						
3)	L1 AR-1016-1	5.650	4.711	29023122	12127339	527.057	541.545
4)	L1 AR-1016-2	5.672	4.730	43208556	16599740	522.538	531.079
5)	L1 AR-1016-3	5.734	4.906	27951737	9177024	543.046	541.968
6)	L1 AR-1016-4	5.833	4.948	21636283	7859223	532.344	543.600
7)	L1 AR-1016-5	6.129	5.160	22843137	10231593	538.206	547.675
31)	L7 AR-1260-1	7.259	6.193	38645217	18594646	539.278	527.128
32)	L7 AR-1260-2	7.516	6.382	41828594	20897298	530.168	521.305
33)	L7 AR-1260-3	7.876	6.535	29873578	19901478	547.006	526.315
34)	L7 AR-1260-4	8.103	7.007	34198341	15534021	545.805	537.575
35)	L7 AR-1260-5	8.428	7.248	55885287	31741849	522.216	527.452

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

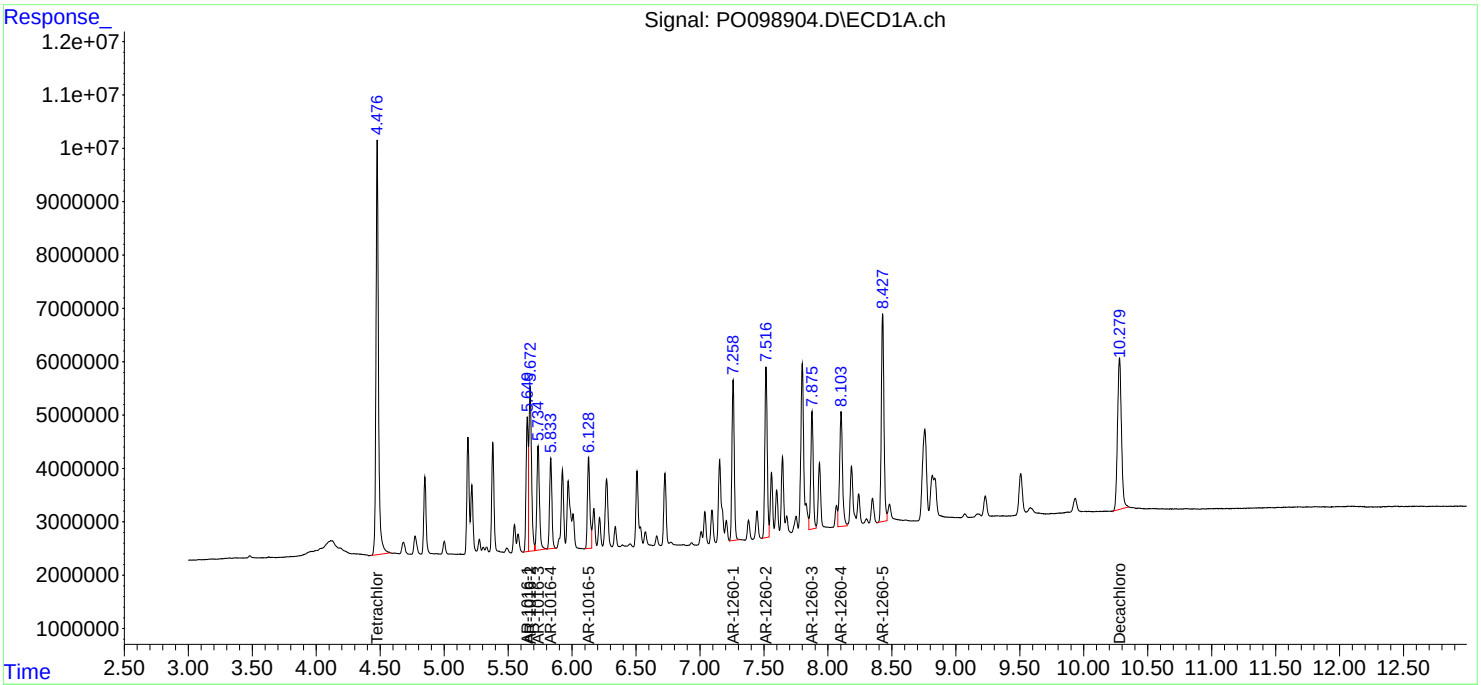
ICAL Form

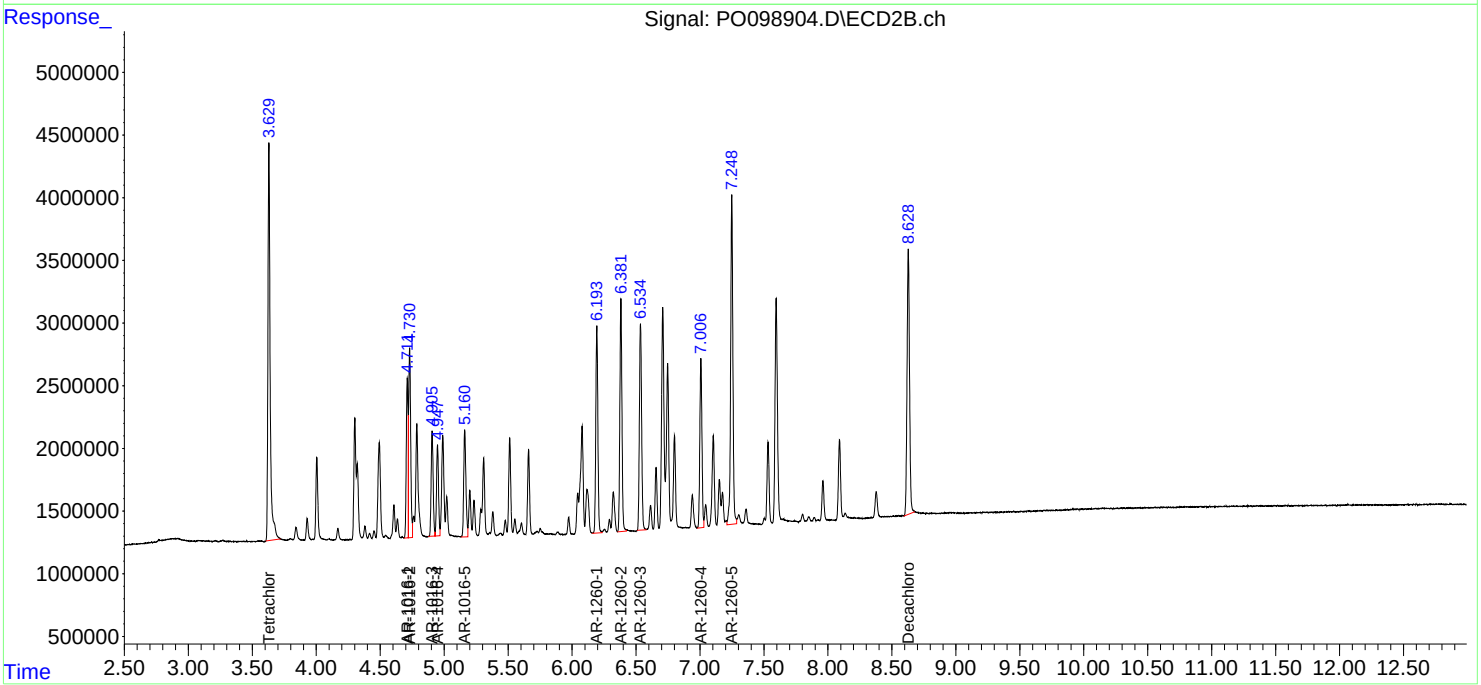
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 05:13
Operator : YP/AJ
Sample : PO102423ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:05:34 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 05:30
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:08:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.476	3.630	108.8E6	39726405	55.085	55.200
2)	SA Decachlor...	10.278	8.628	60841865	28779092	53.706	53.639
	Target Compounds						
16)	L4 AR-1242-1	5.649	4.711	23051437	9310897	532.461	529.935
17)	L4 AR-1242-2	5.672	4.730	33633108	12947546	525.129	534.278
18)	L4 AR-1242-3	5.734	4.906	21834042	7055198	542.789	550.298
19)	L4 AR-1242-4	5.833	4.989	16786199	7608659	536.422	540.513
20)	L4 AR-1242-5	6.572	5.512	16825925	9018919	545.435	539.694

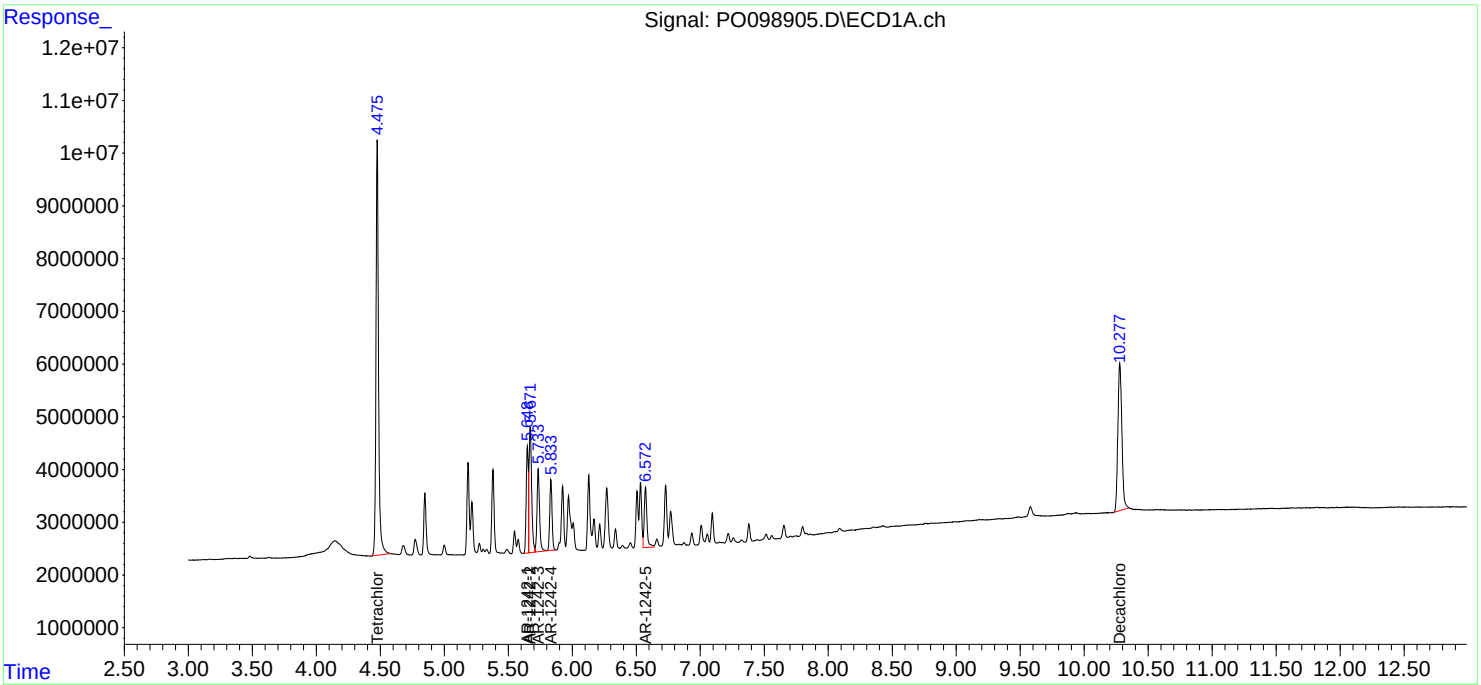
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

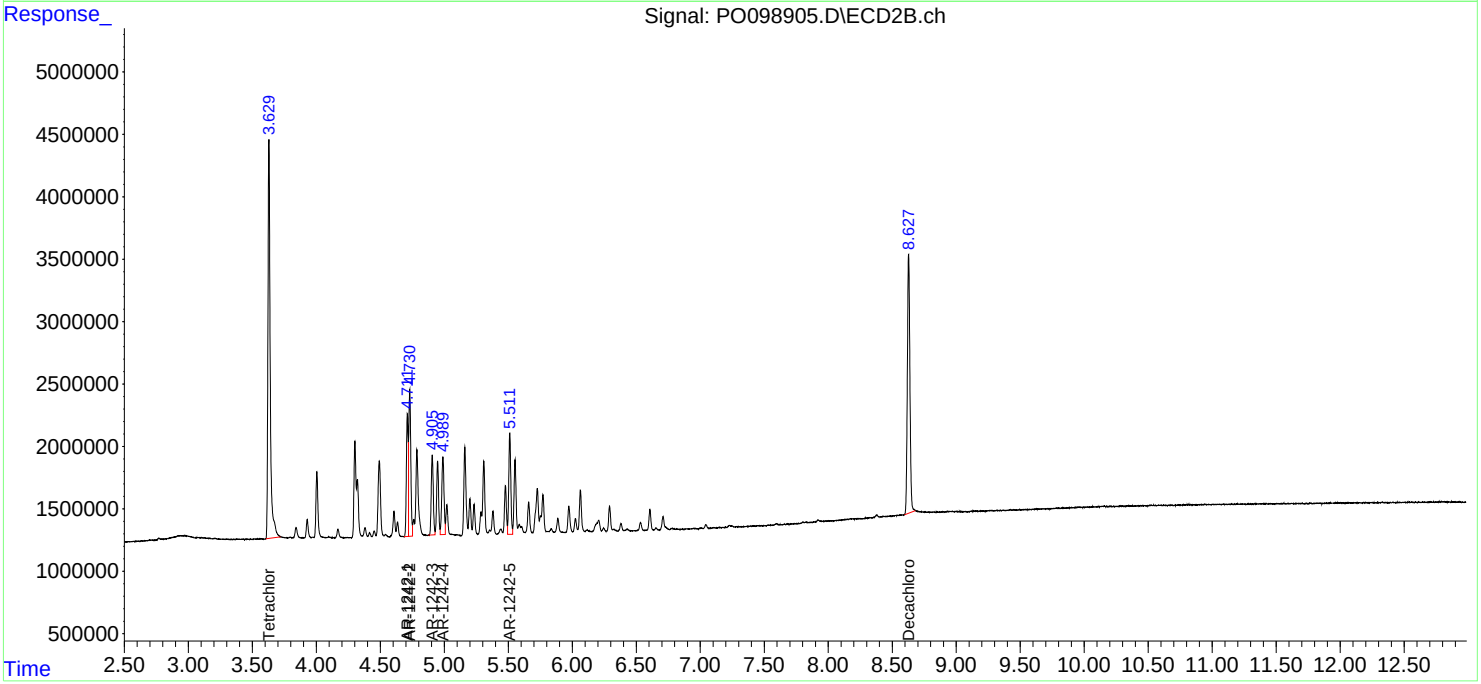
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 05:30
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:08:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 05:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:10:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.476	3.629	108.9E6	39767815	55.094	55.258
2)	SA Decachlor...	10.279	8.628	61291061	28792126	54.102	53.663
	Target Compounds						
21)	L5 AR-1248-1	5.649	4.711	18385945	7491048	541.198	540.481
22)	L5 AR-1248-2	5.924	4.947	28963903	10988297	553.451	553.188
23)	L5 AR-1248-3	6.128	4.989	31010234	11494503	544.252	551.201
24)	L5 AR-1248-4	6.534	5.160	28860440	13370912	529.242	543.898
25)	L5 AR-1248-5	6.572	5.553	29932338	11636327	526.921	535.782

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

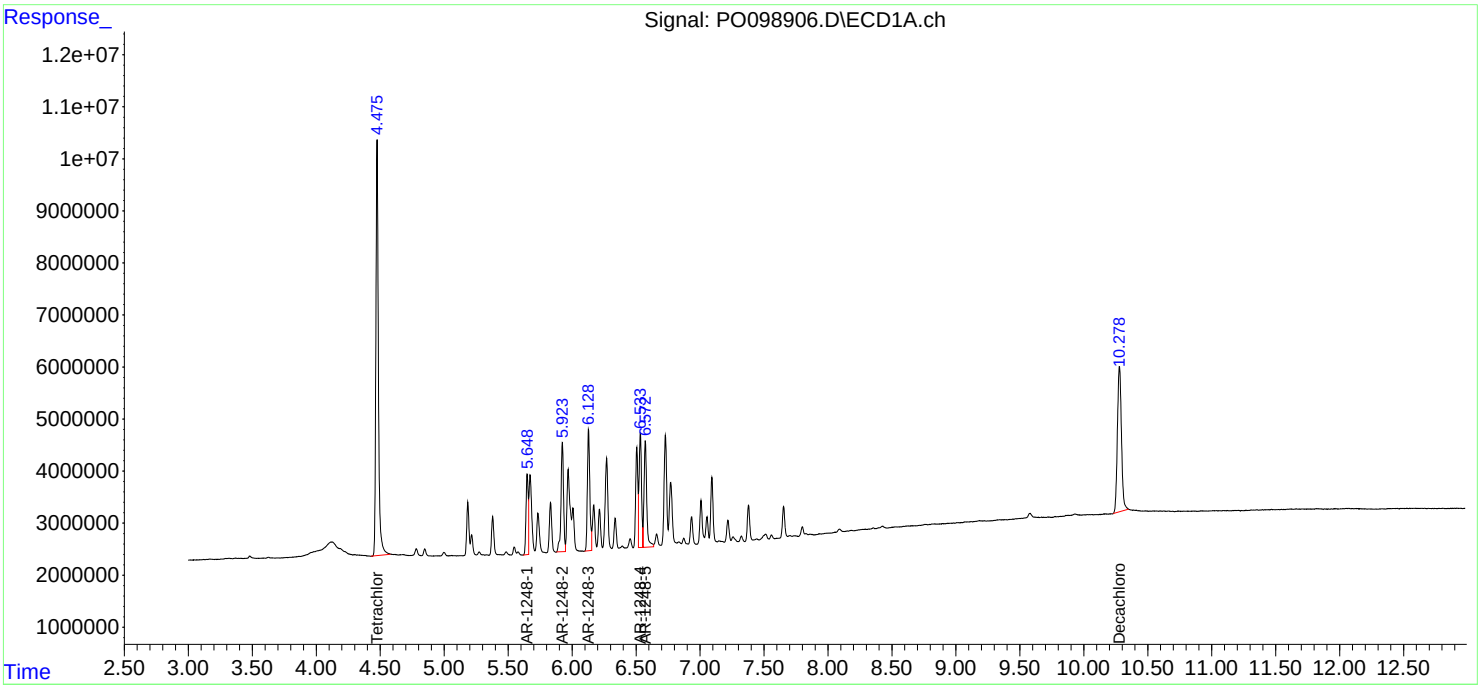
ICAL Form

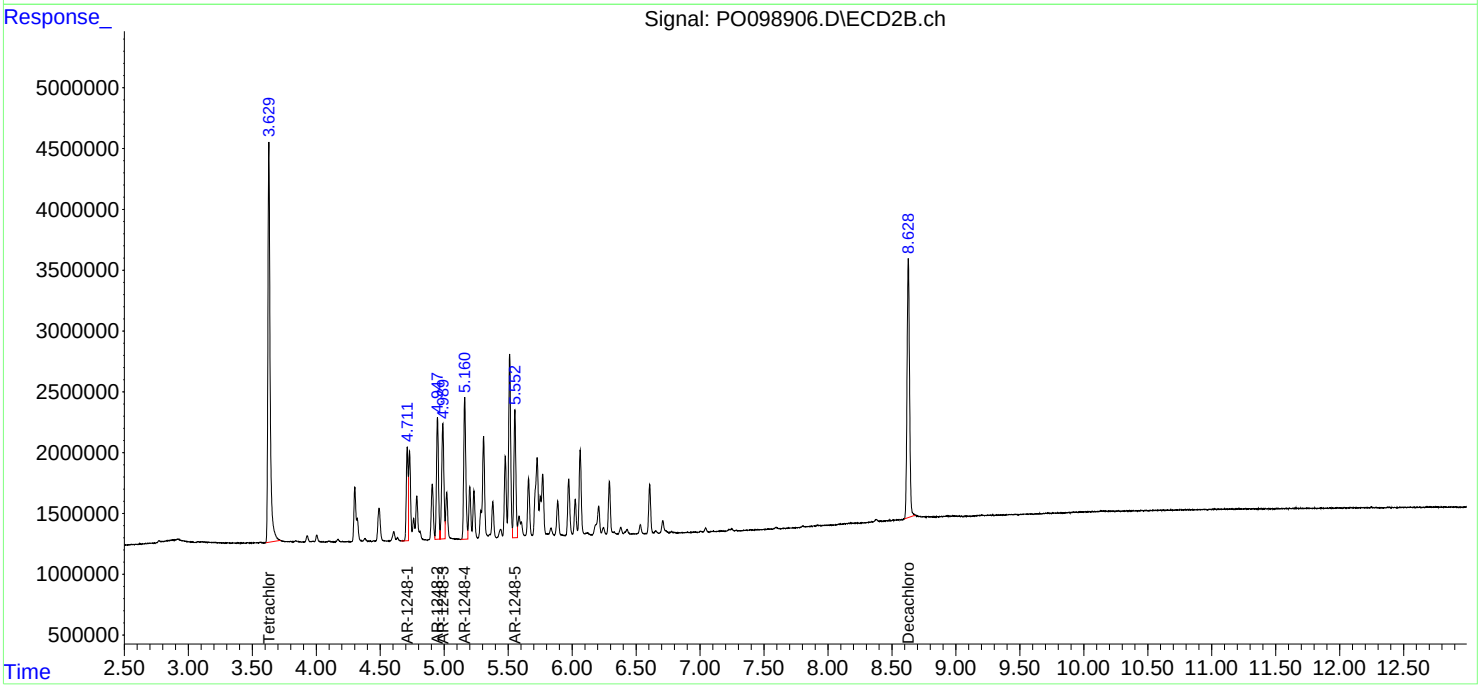
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 05:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:10:05 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 06:04
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:43:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.476	3.630	107.6E6	39461983	54.439	54.833
2)	SA Decachlor...	10.278	8.629	60964087	28863012	53.814	53.795
	Target Compounds						
26)	L6 AR-1254-1	6.509	5.513	34066280	18722569	517.512	528.388
27)	L6 AR-1254-2	6.728	5.660	49297506	16918872	512.083	528.972
28)	L6 AR-1254-3	7.095	6.064	46455207	25797116	519.732	527.684
29)	L6 AR-1254-4	7.381	6.292	28950128	14044777	528.446	535.921
30)	L6 AR-1254-5	7.801	6.710	35283551	22511791	524.002	534.027

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

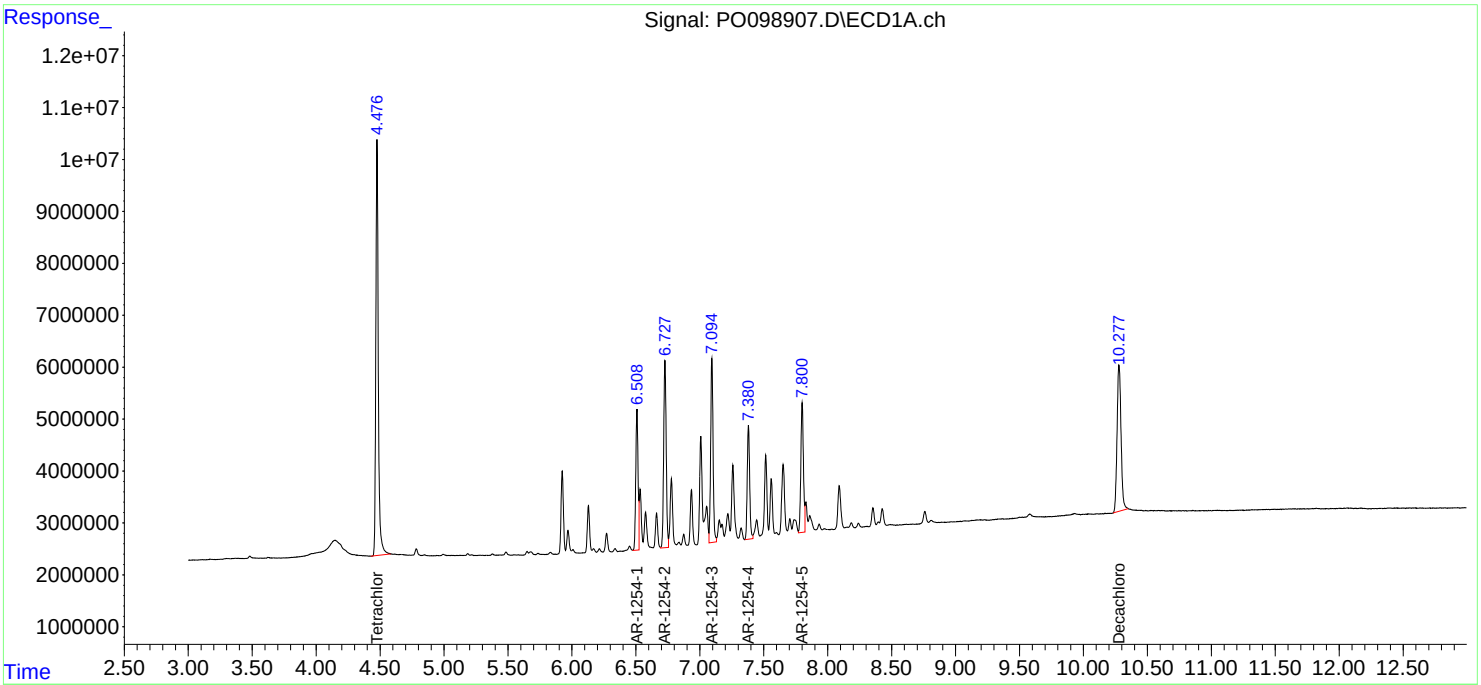
ICAL Form

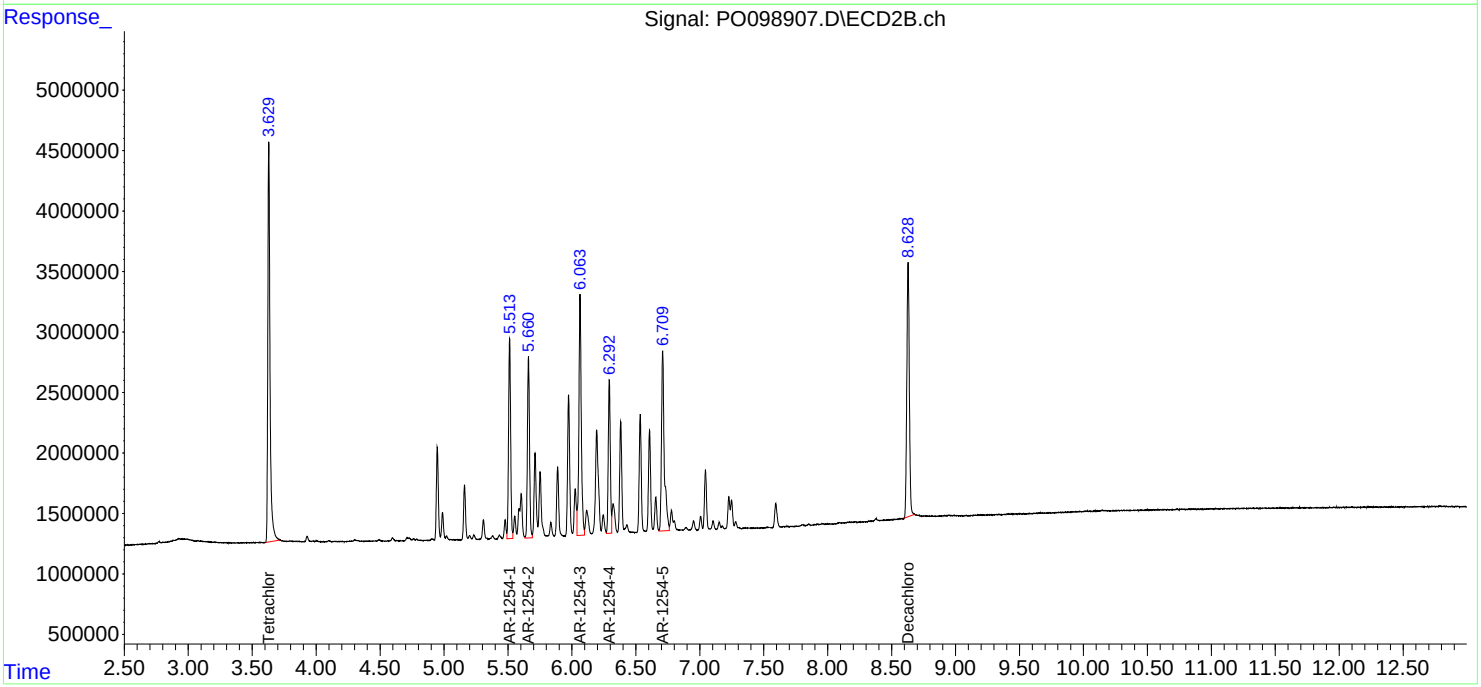
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 06:04
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:43:16 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 06:21
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:48:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.476	3.629	110.2E6	40433132	55.757	56.182
2)	SA Decachlor...	10.279	8.628	106.3E6	49808677	93.798	92.834
	Target Compounds						
41)	L9 AR-1268-1	8.743	7.532	90271131	46211335	524.085	518.091
42)	L9 AR-1268-2	8.839	7.596	82178309	41205980	524.116	521.879
43)	L9 AR-1268-3	9.071	7.802	73276695	36494493	522.613	518.356
44)	L9 AR-1268-4	9.508	8.090	26367025	14196527	525.817	515.134
45)	L9 AR-1268-5	9.932	8.378	213.3E6	98869378	521.134	518.647

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

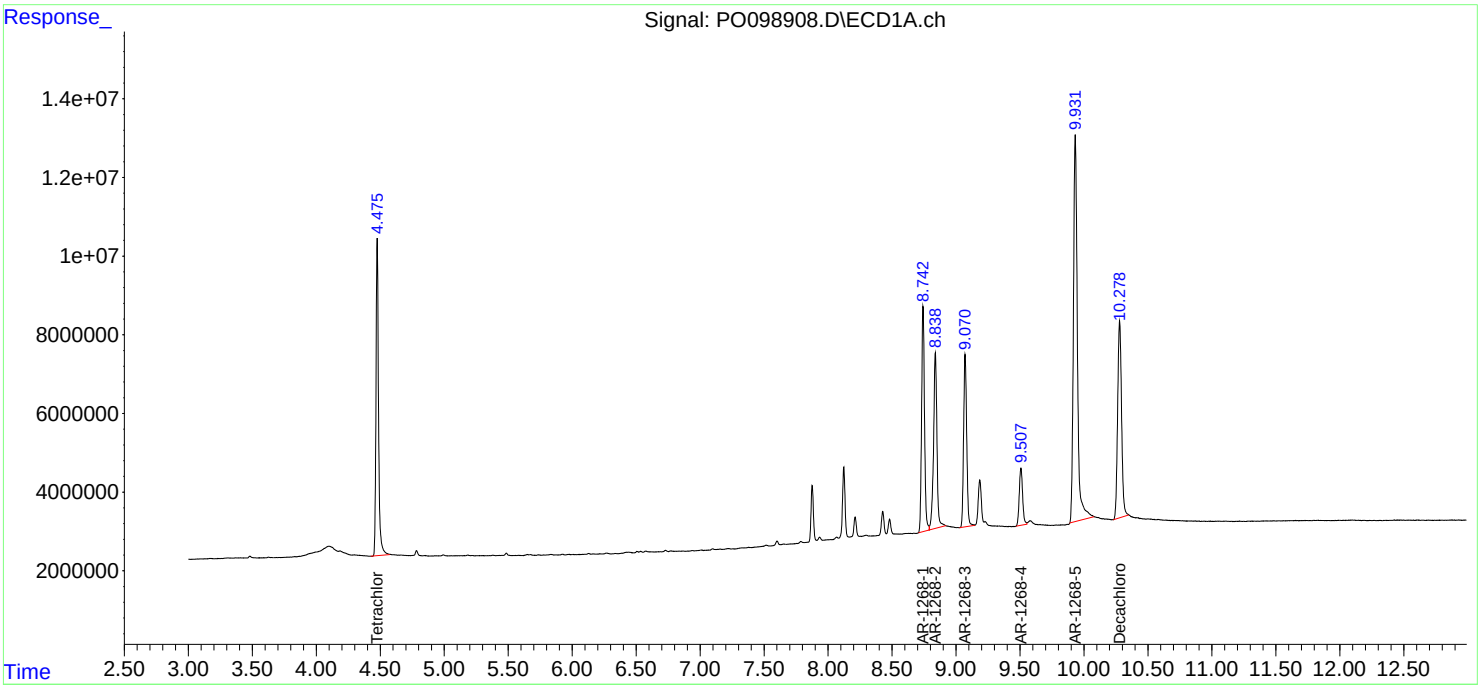
ICAL Form

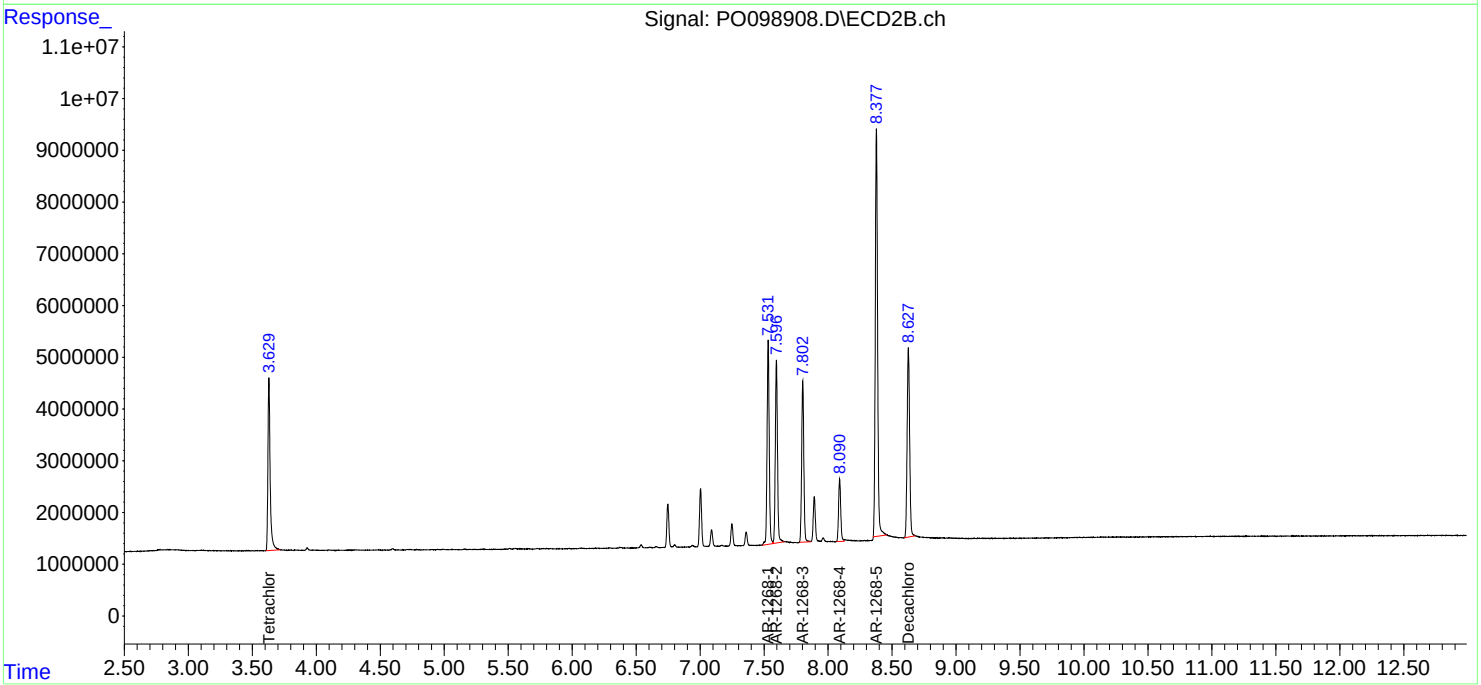
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 06:21
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO102423AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:48:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

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

LAB FILE ID: RT 1000 = PP061282.D RT 750 = PP061283.D

RT 500 = PP061284.D RT 250 = PP061285.D RT 050 = PP061286.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.76	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1016-2	(2)	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Aroclor-1016-3	(3)	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Aroclor-1016-4	(4)	5.94	5.94	5.94	5.94	5.94	5.94	5.84	6.04
Aroclor-1016-5	(5)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1260-1	(1)	7.39	7.38	7.38	7.38	7.39	7.38	7.28	7.48
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.01	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.58	8.58	8.58	8.58	8.58	8.58	8.48	8.68
Decachlorobiphenyl		10.54	10.54	10.54	10.54	10.54	10.54	10.44	10.64
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1242-1	(1)	5.76	5.76	5.76	5.75	5.75	5.76	5.66	5.86
Aroclor-1242-2	(2)	5.78	5.78	5.78	5.78	5.78	5.78	5.68	5.88
Aroclor-1242-3	(3)	5.84	5.84	5.84	5.84	5.84	5.84	5.74	5.94
Aroclor-1242-4	(4)	5.94	5.94	5.94	5.94	5.95	5.94	5.84	6.04
Aroclor-1242-5	(5)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Decachlorobiphenyl		10.55	10.55	10.54	10.54	10.54	10.54	10.44	10.64
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1248-1	(1)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1248-2	(2)	6.03	6.03	6.03	6.03	6.03	6.03	5.93	6.13
Aroclor-1248-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1248-4	(4)	6.65	6.65	6.65	6.65	6.65	6.65	6.55	6.75
Aroclor-1248-5	(5)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Decachlorobiphenyl		10.53	10.53	10.54	10.54	10.54	10.54	10.44	10.64
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1254-1	(1)	6.62	6.62	6.62	6.62	6.62	6.62	6.52	6.72
Aroclor-1254-2	(2)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Aroclor-1254-3	(3)	7.21	7.21	7.21	7.21	7.21	7.21	7.11	7.31
Aroclor-1254-4	(4)	7.50	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Aroclor-1254-5	(5)	7.92	7.92	7.93	7.92	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.53	10.53	10.53	10.53	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene		4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1268-1	(1)	8.90	8.90	8.90	8.90	8.90	8.90	8.80	9.00
Aroclor-1268-2	(2)	9.00	9.00	9.01	9.00	9.00	9.00	8.90	9.10
Aroclor-1268-3	(3)	9.25	9.25	9.25	9.25	9.25	9.25	9.15	9.35
Aroclor-1268-4	(4)	9.71	9.71	9.71	9.71	9.71	9.71	9.61	9.81
Aroclor-1268-5	(5)	10.16	10.16	10.16	10.16	10.16	10.16	10.06	10.26

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.53	10.53	10.53	10.52	10.53	10.53	10.43	10.63
Tetrachloro-m-xylene	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

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

LAB FILE ID: RT 1000 = PP061282.D RT 750 = PP061283.D

RT 500 = PP061284.D RT 250 = PP061285.D RT 050 = PP061286.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.80	4.80	4.79	4.80	4.80	4.80	4.70	4.90
Aroclor-1016-2	(2)	4.82	4.81	4.81	4.81	4.82	4.81	4.71	4.91
Aroclor-1016-3	(3)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-4	(4)	5.04	5.04	5.03	5.04	5.04	5.04	4.94	5.14
Aroclor-1016-5	(5)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1260-1	(1)	6.30	6.29	6.29	6.29	6.29	6.29	6.19	6.39
Aroclor-1260-2	(2)	6.48	6.48	6.48	6.48	6.48	6.48	6.38	6.58
Aroclor-1260-3	(3)	6.64	6.64	6.64	6.64	6.64	6.64	6.54	6.74
Aroclor-1260-4	(4)	7.11	7.11	7.11	7.11	7.11	7.11	7.01	7.21
Aroclor-1260-5	(5)	7.36	7.36	7.35	7.36	7.36	7.36	7.26	7.46
Decachlorobiphenyl		8.77	8.77	8.76	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.70	3.70	3.69	3.70	3.69	3.70	3.60	3.80
Aroclor-1242-1	(1)	4.80	4.80	4.80	4.79	4.80	4.80	4.70	4.90
Aroclor-1242-2	(2)	4.82	4.82	4.82	4.81	4.81	4.82	4.72	4.92
Aroclor-1242-3	(3)	5.00	5.00	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1242-4	(4)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-5	(5)	5.61	5.61	5.61	5.61	5.60	5.61	5.51	5.71
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.70	3.70	3.70	3.69	3.69	3.70	3.60	3.80
Aroclor-1248-1	(1)	4.79	4.79	4.79	4.79	4.79	4.79	4.69	4.89
Aroclor-1248-2	(2)	5.03	5.03	5.03	5.03	5.03	5.03	4.93	5.13
Aroclor-1248-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1248-4	(4)	5.25	5.25	5.25	5.25	5.25	5.25	5.15	5.35
Aroclor-1248-5	(5)	5.64	5.64	5.64	5.64	5.64	5.64	5.54	5.74
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1254-1	(1)	5.60	5.60	5.60	5.60	5.60	5.60	5.50	5.70
Aroclor-1254-2	(2)	5.75	5.75	5.75	5.75	5.75	5.75	5.65	5.85
Aroclor-1254-3	(3)	6.16	6.16	6.16	6.16	6.16	6.16	6.06	6.26
Aroclor-1254-4	(4)	6.39	6.39	6.39	6.39	6.39	6.39	6.29	6.49
Aroclor-1254-5	(5)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Decachlorobiphenyl		8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene		3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79
Aroclor-1268-1	(1)	7.64	7.64	7.64	7.63	7.64	7.64	7.54	7.74
Aroclor-1268-2	(2)	7.70	7.70	7.70	7.70	7.70	7.70	7.60	7.80
Aroclor-1268-3	(3)	7.91	7.91	7.91	7.91	7.91	7.91	7.81	8.01
Aroclor-1268-4	(4)	8.20	8.20	8.20	8.20	8.20	8.20	8.10	8.30
Aroclor-1268-5	(5)	8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.76	8.76	8.76	8.76	8.76	8.76	8.66	8.86
Tetrachloro-m-xylene	3.69	3.69	3.69	3.69	3.69	3.69	3.59	3.79

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

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

LAB FILE ID: **CF 1000 =** PP061282.D **CF 750 =** PP061283.D

CF 500 = PP061284.D **CF 250 =** PP061285.D **CF 050 =** PP061286.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	78212042	80599441	82345390	85900384	79836180	81378687	4
Aroclor-1016-2	(2)	112738073	115759573	117214098	122870952	112849440	116286427	4
Aroclor-1016-3	(3)	66929599	69456631	71505478	75738668	69952460	70716567	5
Aroclor-1016-4	(4)	56430833	58267451	59377670	62235268	55546060	58371456	5
Aroclor-1016-5	(5)	56065561	57882228	59419624	63142916	50537700	57409606	8
Aroclor-1260-1	(1)	106895618	111835625	114705618	116472508	112558560	112493586	3
Aroclor-1260-2	(2)	122420456	132806607	127805390	133319552	130501920	129370785	3
Aroclor-1260-3	(3)	82507793	84599167	86033322	90169708	81343860	84930770	4
Aroclor-1260-4	(4)	100877736	102233352	103139216	107842560	91306780	101079929	6
Aroclor-1260-5	(5)	194869646	195495073	196035092	204433776	177577520	193682221	5
Decachlorobiphenyl		1820417660	1875964747	1930434440	1999223120	1802472200	1885702433	4
Tetrachloro-m-xylene		2497120520	2532236027	2540128700	2552616640	2228791600	2470178697	6
Aroclor-1242-1	(1)	61622664	63864001	67188154	68775468	65631380	65416333	4
Aroclor-1242-2	(2)	89744740	90679724	94334560	96701964	91879800	92668158	3
Aroclor-1242-3	(3)	53408719	54880752	57988284	60694636	58413060	57077090	5
Aroclor-1242-4	(4)	45020195	46199180	47975954	50261328	53610200	48613371	7
Aroclor-1242-5	(5)	47011944	47404843	53236068	56077268	54899000	51725825	8
Decachlorobiphenyl		1839270080	1887092453	1956533620	2107791640	1819629200	1922063399	6
Tetrachloro-m-xylene		2553118200	2572437587	2624758880	2575120960	2260575600	2517202245	6
Aroclor-1248-1	(1)	46243226	47429747	48711456	52312148	49305880	48800491	5
Aroclor-1248-2	(2)	69204046	81420103	73405360	77844828	74918200	75358507	6
Aroclor-1248-3	(3)	86824624	77722397	82869124	91408960	78161780	83397377	7
Aroclor-1248-4	(4)	84558978	86071039	87331762	91419268	91379860	88152181	4
Aroclor-1248-5	(5)	80381233	84287171	84328208	88006696	86964680	84793598	3
Decachlorobiphenyl		1831534510	1884543733	1944245920	2023416160	1795257200	1895799505	5
Tetrachloro-m-xylene		2518302300	2539263760	2553682340	2544192920	2216329600	2474354184	6
Aroclor-1254-1	(1)	84105683	85678899	88539880	93811412	90685000	88564175	4
Aroclor-1254-2	(2)	127682058	129532649	133715058	140889096	135066660	133377104	4
Aroclor-1254-3	(3)	133404615	134856289	138449996	145700524	139104140	138303113	3
Aroclor-1254-4	(4)	96657916	97545587	100163340	103597628	99776880	99548270	3
Aroclor-1254-5	(5)	107758992	109650001	111657242	115050528	106144480	110052249	3
Decachlorobiphenyl		1822009320	1862834467	1932988380	1993334480	1825600400	1887353409	4
Tetrachloro-m-xylene		2513561060	2512639507	2516482200	2518049880	2219551600	2456056849	5
Aroclor-1268-1	(1)	279207059	286889505	290053208	305041564	270678380	286373943	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	252281607	260394632	262178256	268470024	264231340	261511172	2
Aroclor-1268-3	(3)	219517461	224159525	228773188	256713848	209376220	227708048	8
Aroclor-1268-4	(4)	90772553	94759200	94449238	95073488	77575100	90525916	8
Aroclor-1268-5	(5)	706187367	719283455	716389008	717941248	626059020	697172020	6
Decachlorobiphenyl		3292683380	3391751373	3448222860	3528415320	3198387400	3371892067	4
Tetrachloro-m-xylene		2594293810	2596516147	2589988480	2569823760	2225175400	2515159519	6

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_P **Calibration Date(s):** 10/27/2023 10/27/2023

Calibration Times: 11:03 18:24

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

LAB FILE ID: **CF 1000 =** PP061282.D **CF 750 =** PP061283.D

CF 500 = PP061284.D **CF 250 =** PP061285.D **CF 050 =** PP061286.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	47373123	49756297	51930892	56389552	53322120	51754397	7
Aroclor-1016-2	(2)	66157042	68423064	70627548	76676240	71742480	70725275	6
Aroclor-1016-3	(3)	36514114	38197968	39736858	43383244	39426320	39451701	6
Aroclor-1016-4	(4)	28642383	30161093	31893236	34823616	31762160	31456498	7
Aroclor-1016-5	(5)	38058242	40005372	41884950	45689092	44553920	42038315	7
Aroclor-1260-1	(1)	75438383	78348136	81384016	87534872	84115880	81364257	6
Aroclor-1260-2	(2)	90551189	93754113	97074824	104583668	101688060	97530371	6
Aroclor-1260-3	(3)	88554614	91419453	93870458	99327400	89572220	92548829	5
Aroclor-1260-4	(4)	69680008	71898749	74308478	78651592	72082360	73324237	5
Aroclor-1260-5	(5)	167571915	170778617	173359878	177807488	164288960	170761372	3
Decachlorobiphenyl		1449798320	1491008213	1544181900	1633803200	1559674400	1535693207	5
Tetrachloro-m-xylene		1424685800	1468786707	1502244920	1569298800	1507431400	1494489525	4
Aroclor-1242-1	(1)	38370066	40266172	42863770	46169652	43738540	42281640	7
Aroclor-1242-2	(2)	53117583	54674537	57981020	61324776	57154640	56850511	6
Aroclor-1242-3	(3)	29705737	30928000	33140354	34677848	32021780	32094744	6
Aroclor-1242-4	(4)	29339715	30759728	33121464	35075396	32515900	32162441	7
Aroclor-1242-5	(5)	37074981	38594979	40943788	43605840	38253980	39694714	7
Decachlorobiphenyl		1471560590	1512039093	1574142240	1648015320	1596536400	1560458729	4
Tetrachloro-m-xylene		1511268670	1546260533	1611797520	1683130840	1571683400	1584828193	4
Aroclor-1248-1	(1)	28479766	29330216	31595402	34246856	31732540	31076956	7
Aroclor-1248-2	(2)	39884082	41054504	44283276	48404588	44476220	43620534	8
Aroclor-1248-3	(3)	42268470	44209283	46816228	51158368	47927500	46475970	7
Aroclor-1248-4	(4)	50503493	53663392	55776212	60994740	57676320	55722831	7
Aroclor-1248-5	(5)	48980599	51366895	53337064	57551132	48924480	52032034	7
Decachlorobiphenyl		1468206370	1512922813	1564203620	1651978120	1572834400	1554029065	4
Tetrachloro-m-xylene		1503436440	1535689387	1582353960	1642607280	1532395200	1559296453	3
Aroclor-1254-1	(1)	73316784	75064320	78626170	84540628	82468800	78803340	6
Aroclor-1254-2	(2)	64581135	66308883	69739678	75376380	73204660	69842147	6
Aroclor-1254-3	(3)	107956886	109548401	113905660	120657136	115173080	113448233	4
Aroclor-1254-4	(4)	66660088	67677848	70456186	73775768	68942540	69502486	4
Aroclor-1254-5	(5)	102633978	104587725	108012454	113421788	100393380	105809865	5
Decachlorobiphenyl		1451200210	1482403520	1546469200	1623113560	1567126400	1534062578	4
Tetrachloro-m-xylene		1504120480	1520942947	1557432600	1623244920	1483629600	1537874109	4
Aroclor-1268-1	(1)	226076215	231120203	238074380	240999504	227944660	232842992	3

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	205665168	211143027	213586122	216459164	202459100	209862516	3
Aroclor-1268-3	(3)	178819425	183142883	186168288	189780000	180783000	183738719	2
Aroclor-1268-4	(4)	75061045	78289523	79335110	81472752	72339880	77299662	5
Aroclor-1268-5	(5)	566053014	583421776	581357630	582385348	523227400	567289034	5
Decachlorobiphenyl		2587410300	2669302800	2730759560	2771468760	2713579200	2694504124	3
Tetrachloro-m-xylene		1545188140	1569057653	1601012320	1665571560	1522153200	1580596575	4

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_P **Date(s) Analyzed:** 10/27/2023 10/27/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.77	4.67	4.87	29703200
		2	4.86	4.76	4.96	22270200
		3	4.94	4.84	5.04	64794200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.94	4.84	5.04	53374800
		2	5.48	5.38	5.58	29585800
		3	5.78	5.68	5.88	49855000
		4	5.94	5.84	6.04	25223800
		5	6.03	5.93	6.13	21595600
Aroclor-1262	500	1	8.00	7.90	8.10	132969000
		2	8.57	8.47	8.67	233718000
		3	8.91	8.81	9.01	158763000
		4	9.00	8.90	9.10	120474000
		5	9.71	9.61	9.81	81305800

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Instrument ID: ECD_P **Date(s) Analyzed:** 10/27/2023 10/27/2023

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.91	3.81	4.01	19554000
		2	4.00	3.90	4.10	14240100
		3	4.07	3.97	4.17	40591000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.08	3.98	4.18	33768400
		2	4.81	4.71	4.91	31960400
		3	4.99	4.89	5.09	17632500
		4	5.08	4.98	5.18	15943500
		5	5.25	5.15	5.35	18055600
Aroclor-1262	500	1	6.90	6.80	7.00	45072600
		2	7.11	7.01	7.21	100097000
		3	7.64	7.54	7.74	79584600
		4	7.70	7.60	7.80	144475000
		5	8.20	8.10	8.30	69121800

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:03
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:01:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 11:54:23 2023
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...	4.562	3.696	249.7E6	142.5E6	99.146	97.350
2)	SA Decachlor...	10.543	8.768	182.0E6	145.0E6	97.067	96.848
	Target Compounds						
3)	L1 AR-1016-1	5.755	4.797	78212042	47373123	974.256	954.103
4)	L1 AR-1016-2	5.779	4.816	112.7E6	66157042	980.535	967.317
5)	L1 AR-1016-3	5.842	4.994	66929599	36514114	966.946	957.735
6)	L1 AR-1016-4	5.942	5.037	56430833	28642383	974.554	946.299
7)	L1 AR-1016-5	6.242	5.252	56065561	38058242	970.957	952.132
31)	L7 AR-1260-1	7.385	6.295	106.9E6	75438383	964.757	962.087
32)	L7 AR-1260-2	7.644	6.484	122.4E6	90551189	978.480	965.231
33)	L7 AR-1260-3	8.008	6.639	82507793	88554614	979.082	970.860
34)	L7 AR-1260-4	8.243	7.114	100.9E6	69680008	988.915	967.855
35)	L7 AR-1260-5	8.581	7.357	194.9E6	167.6E6	997.019	983.023

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

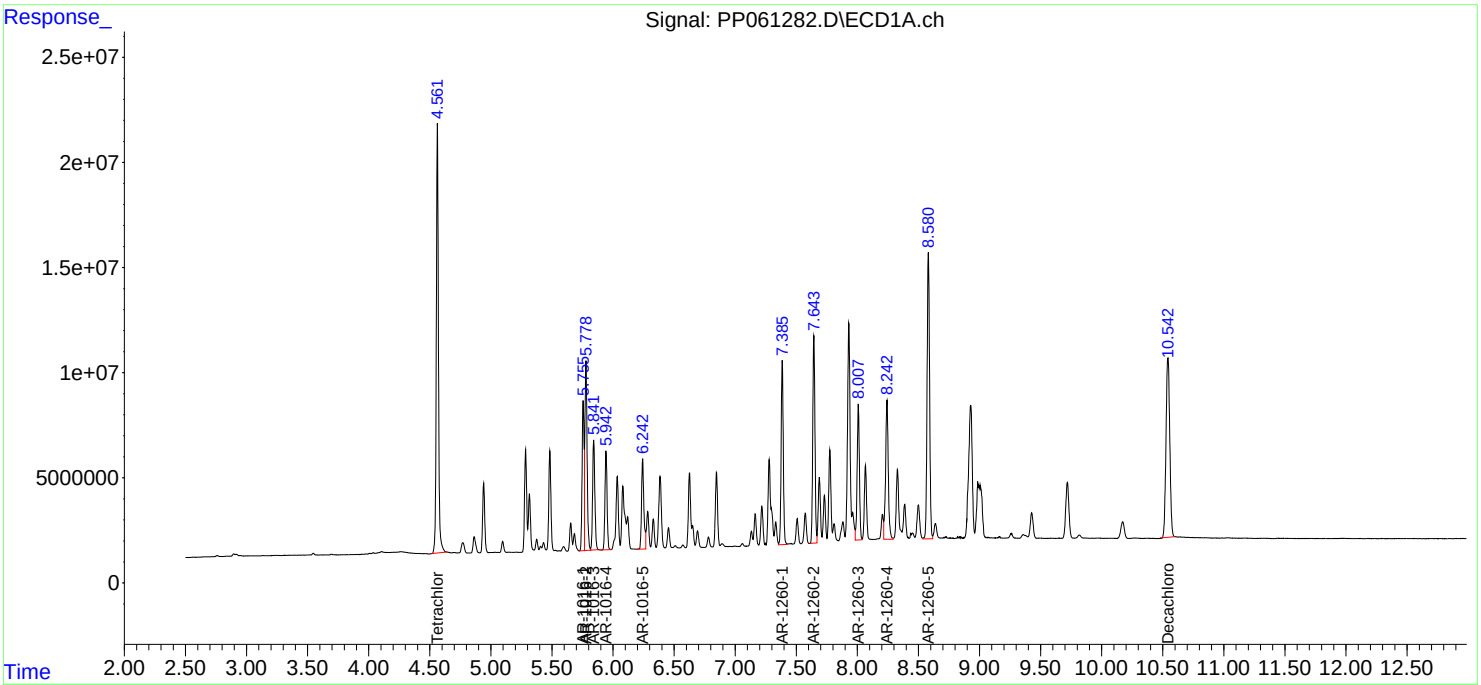
ICAL Form

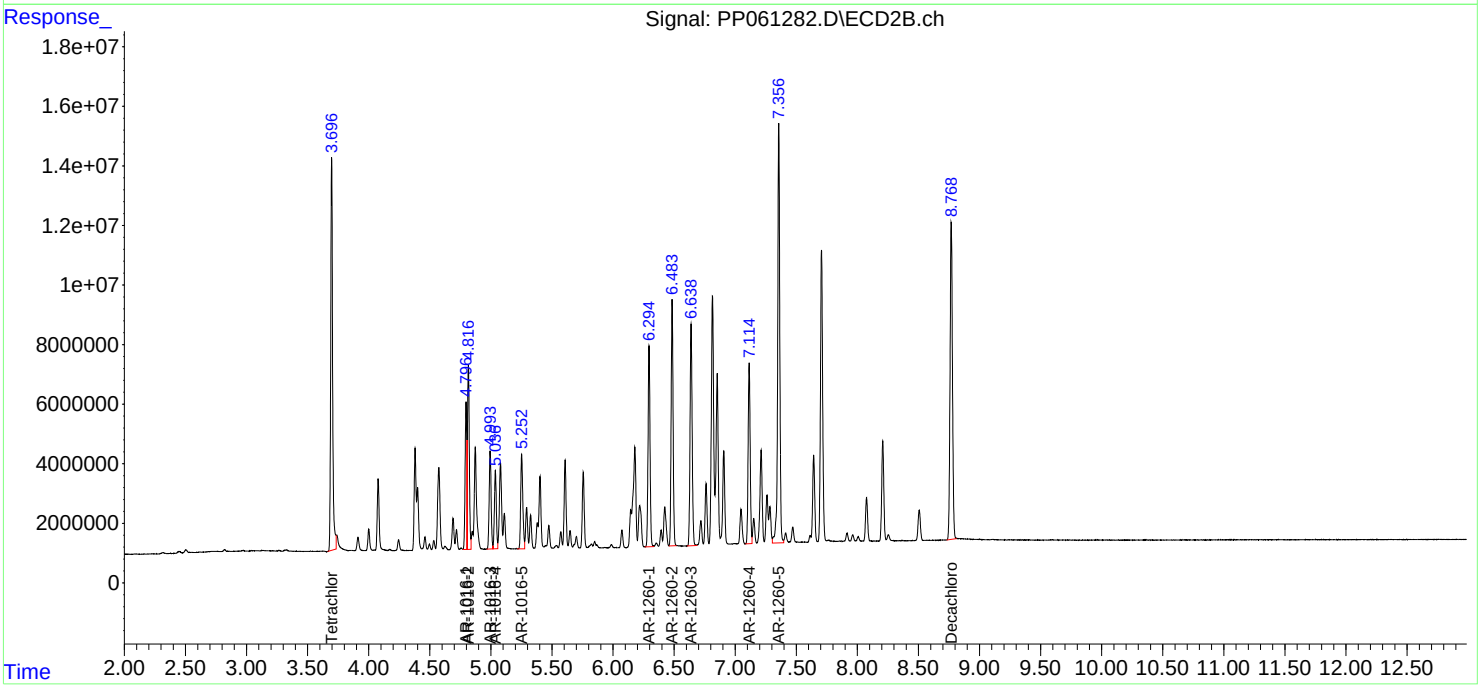
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061282.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:03
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:01:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 11:54:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:20
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:03:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 11:54:23 2023
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...	4.561	3.695	189.9E6	110.2E6	75.270	75.182
2)	SA Decachlor...	10.538	8.766	140.7E6	111.8E6	75.014	74.800
	Target Compounds						
3)	L1 AR-1016-1	5.754	4.795	60449581	37317223	751.995	751.049
4)	L1 AR-1016-2	5.777	4.814	86819680	51317298	753.399	750.225
5)	L1 AR-1016-3	5.840	4.993	52092473	28648476	751.725	750.950
6)	L1 AR-1016-4	5.940	5.035	43700588	22620820	753.130	748.235
7)	L1 AR-1016-5	6.240	5.250	43411671	30004029	751.208	750.422
31)	L7 AR-1260-1	7.383	6.293	83876719	58761102	754.656	749.598
32)	L7 AR-1260-2	7.642	6.483	99604955	70315585	780.129	749.686
33)	L7 AR-1260-3	8.006	6.637	63449375	68564590	751.947	751.133
34)	L7 AR-1260-4	8.239	7.113	76675014	53924062	751.101	749.337
35)	L7 AR-1260-5	8.579	7.356	146.6E6	128.1E6	750.109	750.917

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

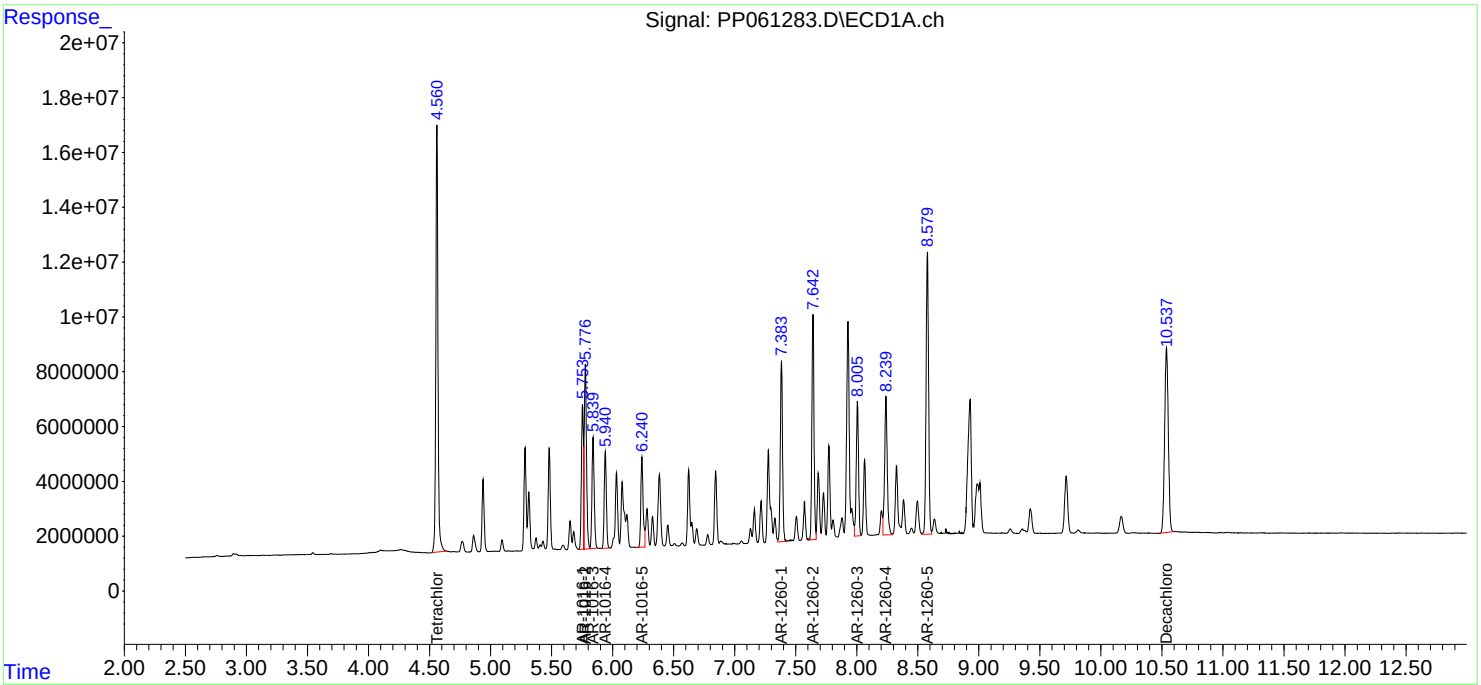
ICAL Form

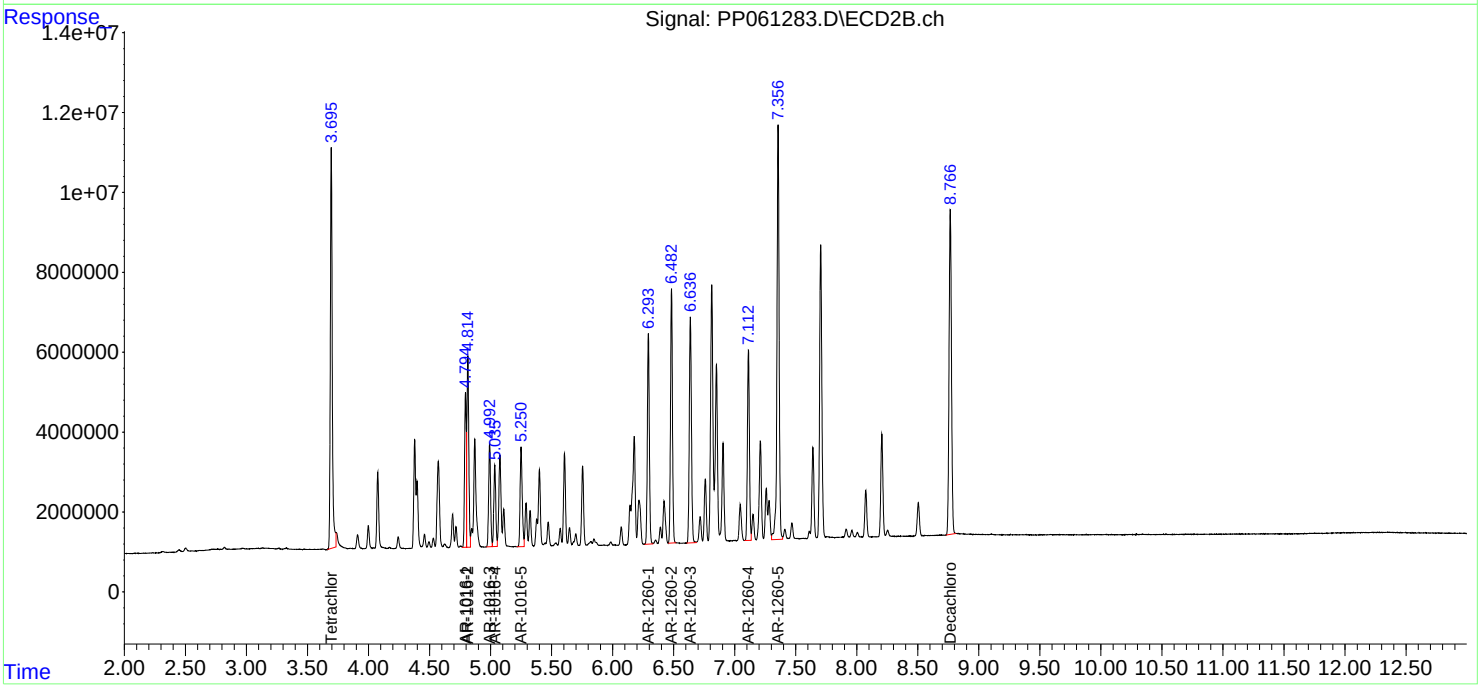
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:20
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:03:56 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 11:54:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:36
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:56:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 11:54:23 2023
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...	4.559	3.694	127.0E6	75112246	50.000	50.000
2)	SA Decachlor...	10.536	8.764	96521722	77209095	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.752	4.794	41172695	25965446	500.000	500.000
4)	L1 AR-1016-2	5.776	4.812	58607049	35313774	500.000	500.000
5)	L1 AR-1016-3	5.839	4.990	35752739	19868429	500.000	500.000
6)	L1 AR-1016-4	5.939	5.033	29688835	15946618	500.000	500.000
7)	L1 AR-1016-5	6.239	5.248	29709812	20942475	500.000	500.000
31)	L7 AR-1260-1	7.382	6.291	57352809	40692008	500.000	500.000
32)	L7 AR-1260-2	7.641	6.480	63902695	48537412	500.000	500.000
33)	L7 AR-1260-3	8.005	6.635	43016661	46935229	500.000	500.000
34)	L7 AR-1260-4	8.239	7.111	51569608	37154239	500.000	500.000
35)	L7 AR-1260-5	8.577	7.353	98017546	86679939	500.000	500.000

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

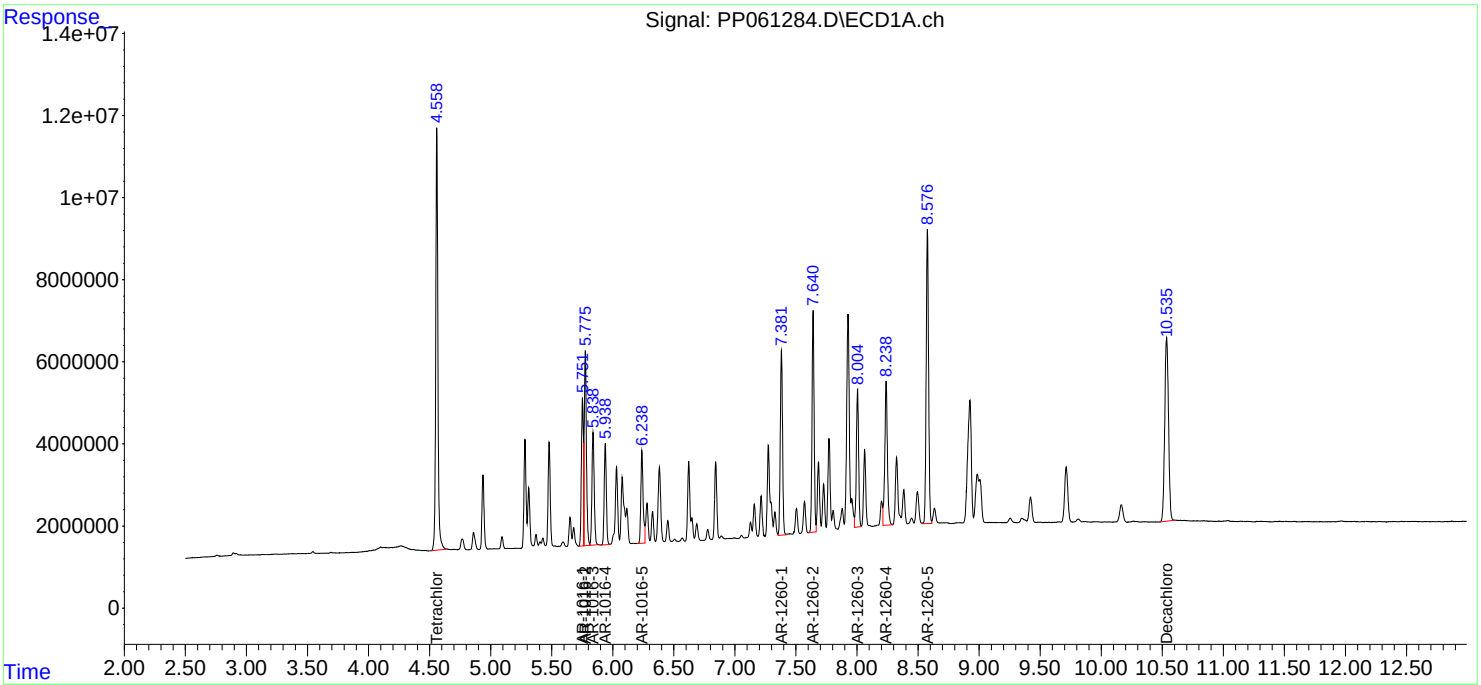
ICAL Form

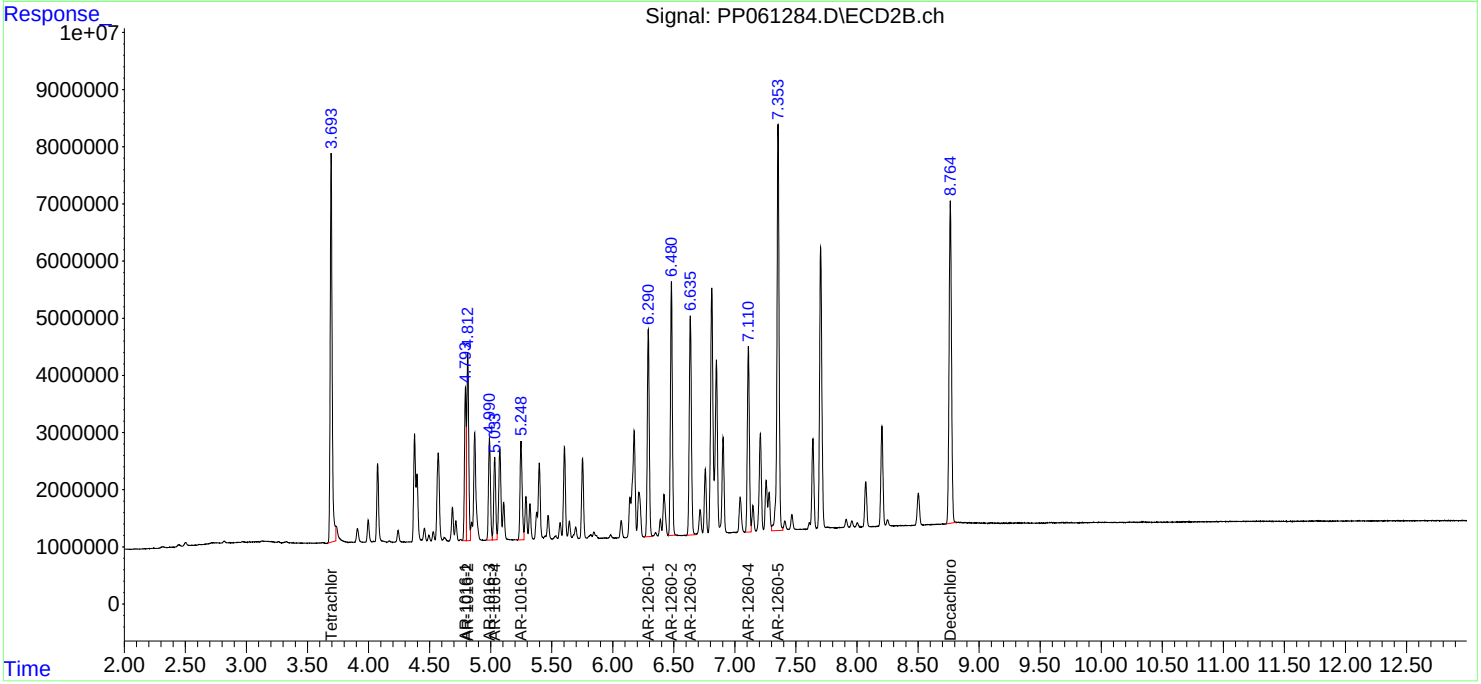
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061284.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:36
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:56:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 11:54:23 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:07:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 12:07:27 2023
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...	4.560	3.695	63815416	39232470	25.218	26.308
2)	SA Decachlor...	10.540	8.766	49980578	40845080	26.216	26.701
	Target Compounds						
3)	L1 AR-1016-1	5.754	4.795	21475096	14097388	262.646	274.469
4)	L1 AR-1016-2	5.777	4.814	30717738	19169060	262.218	272.014
5)	L1 AR-1016-3	5.840	4.992	18934667	10845811	267.033	274.869
6)	L1 AR-1016-4	5.940	5.035	15558817	8705904	263.361	277.434
7)	L1 AR-1016-5	6.240	5.250	15785729	11422273	266.977	275.838
31)	L7 AR-1260-1	7.383	6.293	29118127	21883718	258.880	271.253
32)	L7 AR-1260-2	7.642	6.482	33329888	26145917	258.195	270.968
33)	L7 AR-1260-3	8.006	6.637	22542427	24831850	262.648	266.171
34)	L7 AR-1260-4	8.240	7.112	26960640	19662898	260.431	267.033
35)	L7 AR-1260-5	8.578	7.355	51108444	44451872	258.504	257.872

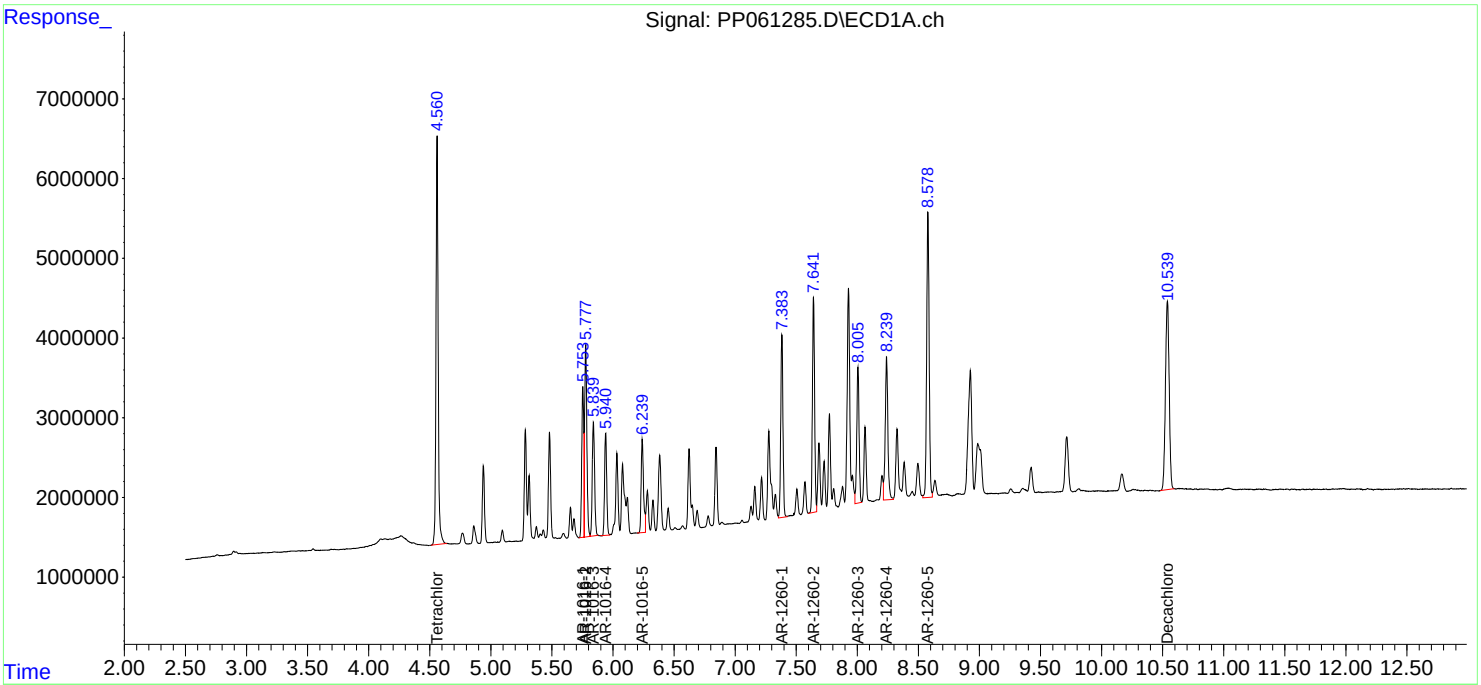
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

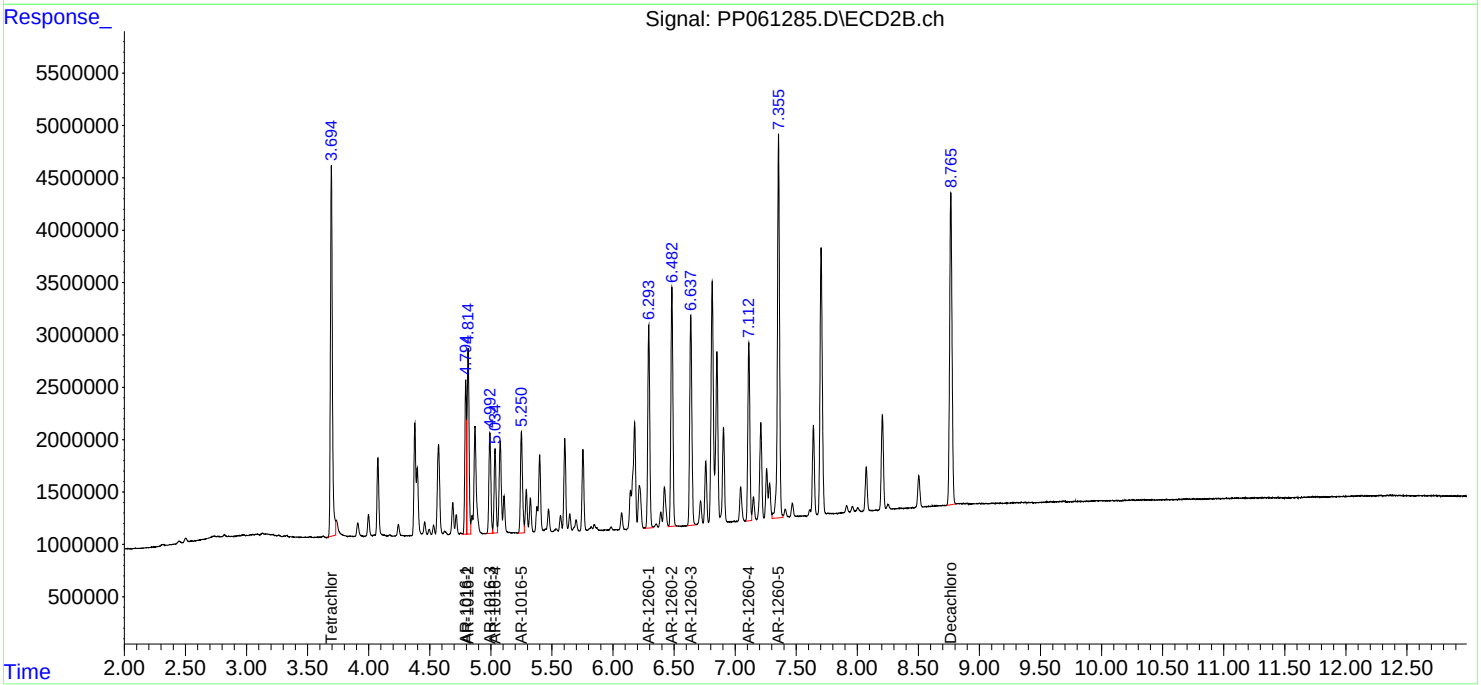
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 11:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:07:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 12:07:27 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:23:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 12:23:16 2023
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...	4.561	3.694	11143958	7537157	4.511	5.038m
2)	SA Decachlor...	10.538	8.766	9012361	7798372	4.779	5.078
	Target Compounds						
3)	L1 AR-1016-1	5.754	4.795	3991809	2666106	49.052	51.515
4)	L1 AR-1016-2	5.777	4.815	5642472	3587124	48.522	50.719
5)	L1 AR-1016-3	5.841	4.992	3497623	1971316	49.460	49.968
6)	L1 AR-1016-4	5.941	5.035	2777303	1588108	47.580	50.486
7)	L1 AR-1016-5	6.241	5.251	2526885	2227696	44.015	52.992
31)	L7 AR-1260-1	7.386	6.293	5627928	4205794	50.029	51.691
32)	L7 AR-1260-2	7.642	6.482	6525096	5084403	50.437	52.131
33)	L7 AR-1260-3	8.006	6.637	4067193	4478611	47.888	48.392
34)	L7 AR-1260-4	8.240	7.113	4565339	3604118	45.166	49.153
35)	L7 AR-1260-5	8.579	7.356	8878876	8214448	45.842	48.105

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061286.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

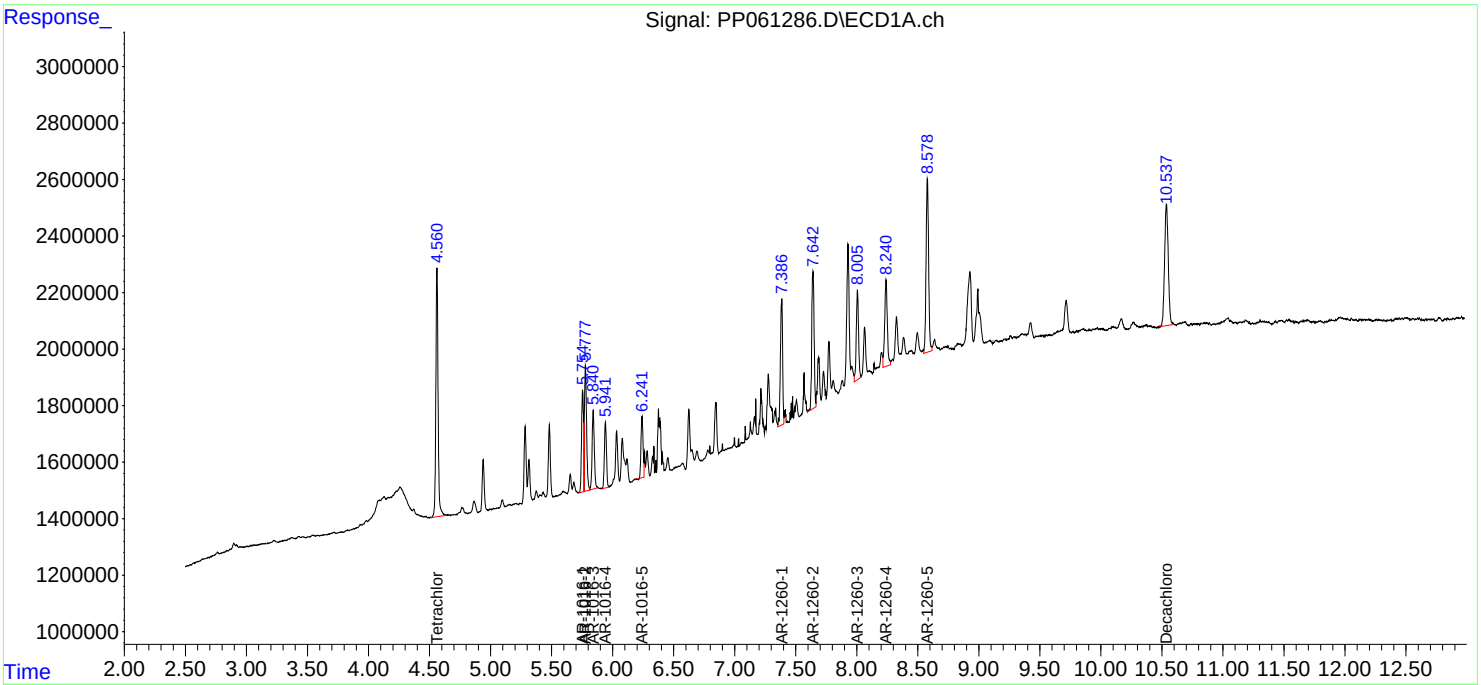
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

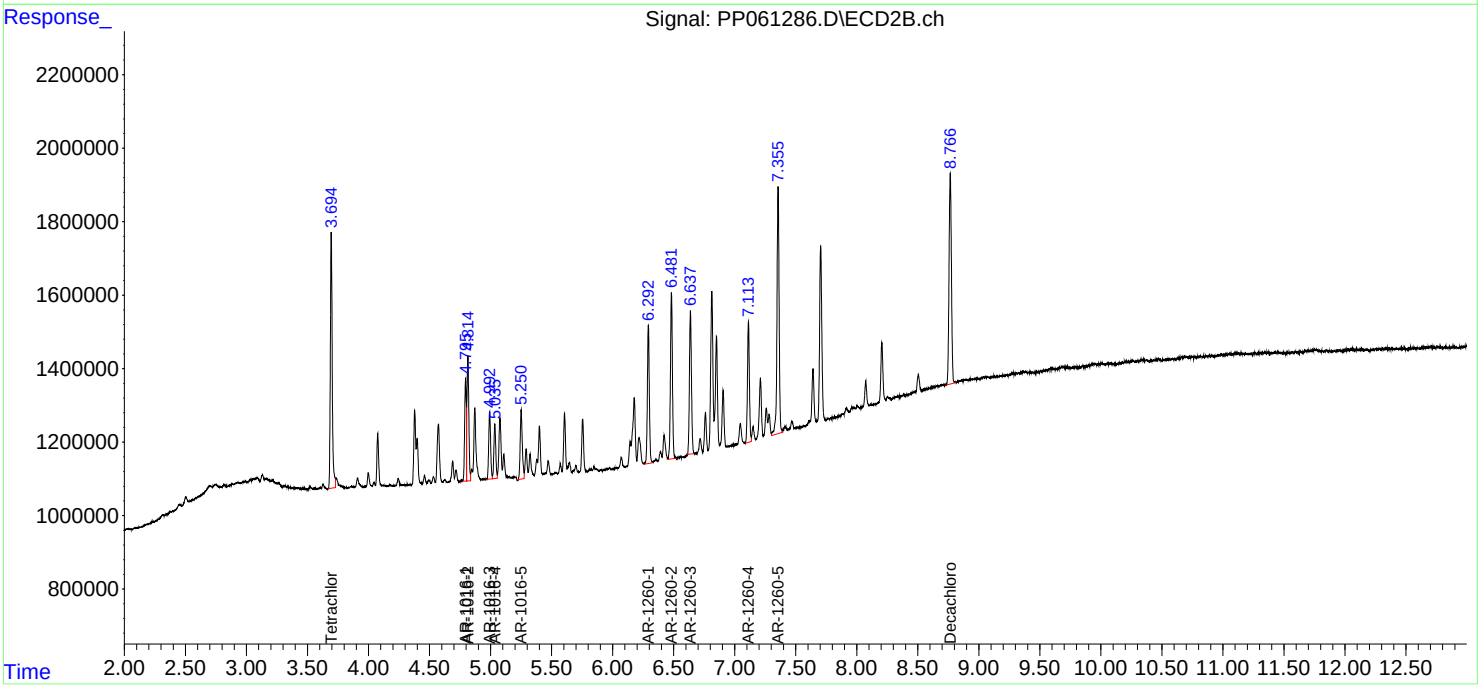
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:23:27 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 12:23:16 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:43:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 12:42:42 2023
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...	4.559	3.693	124.9E6	71698556	50.000	50.000
2)	SA Decachlor...	10.533	8.765	92384320	74502321	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.771	3.910	14851638	9777002	500.000	500.000
9)	L2 AR-1221-2	4.859	3.997	11135085	7120053	500.000	500.000
10)	L2 AR-1221-3	4.937	4.074	32397077	20295508	500.000	500.000

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

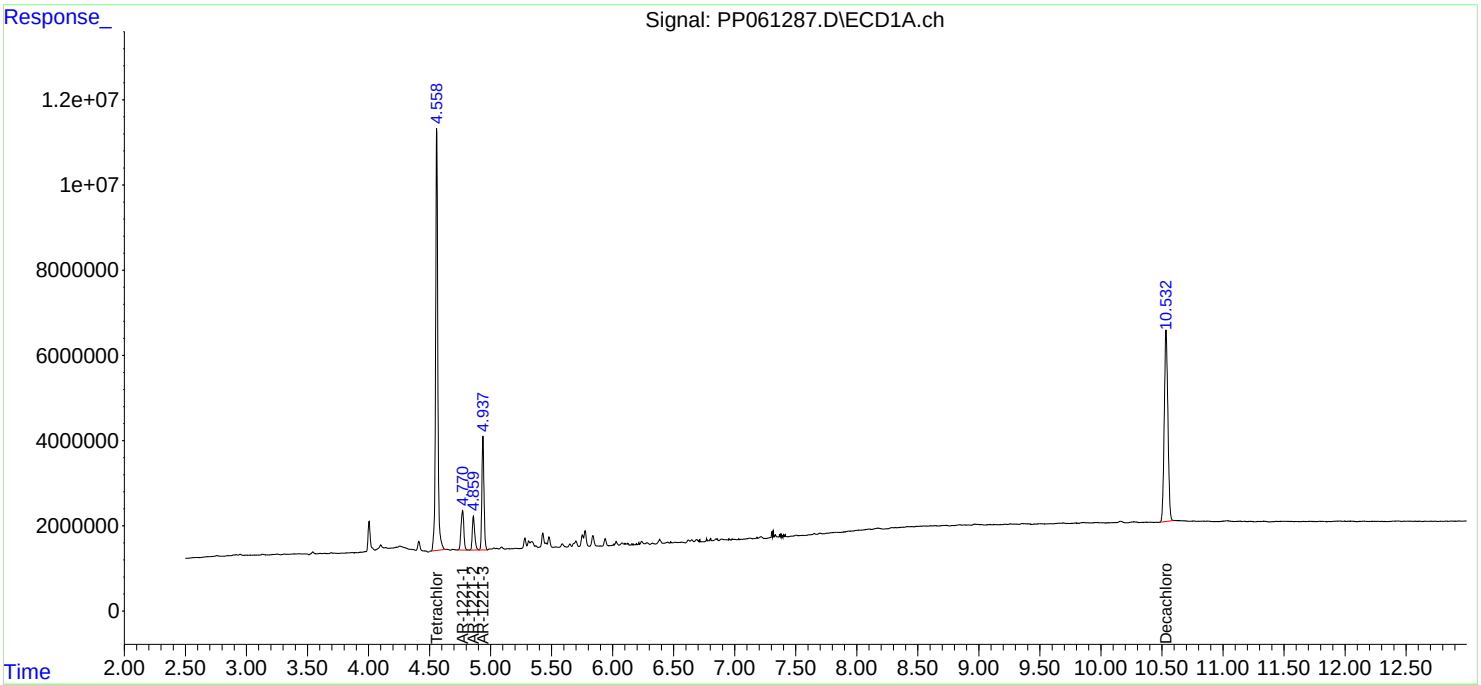
ICAL Form

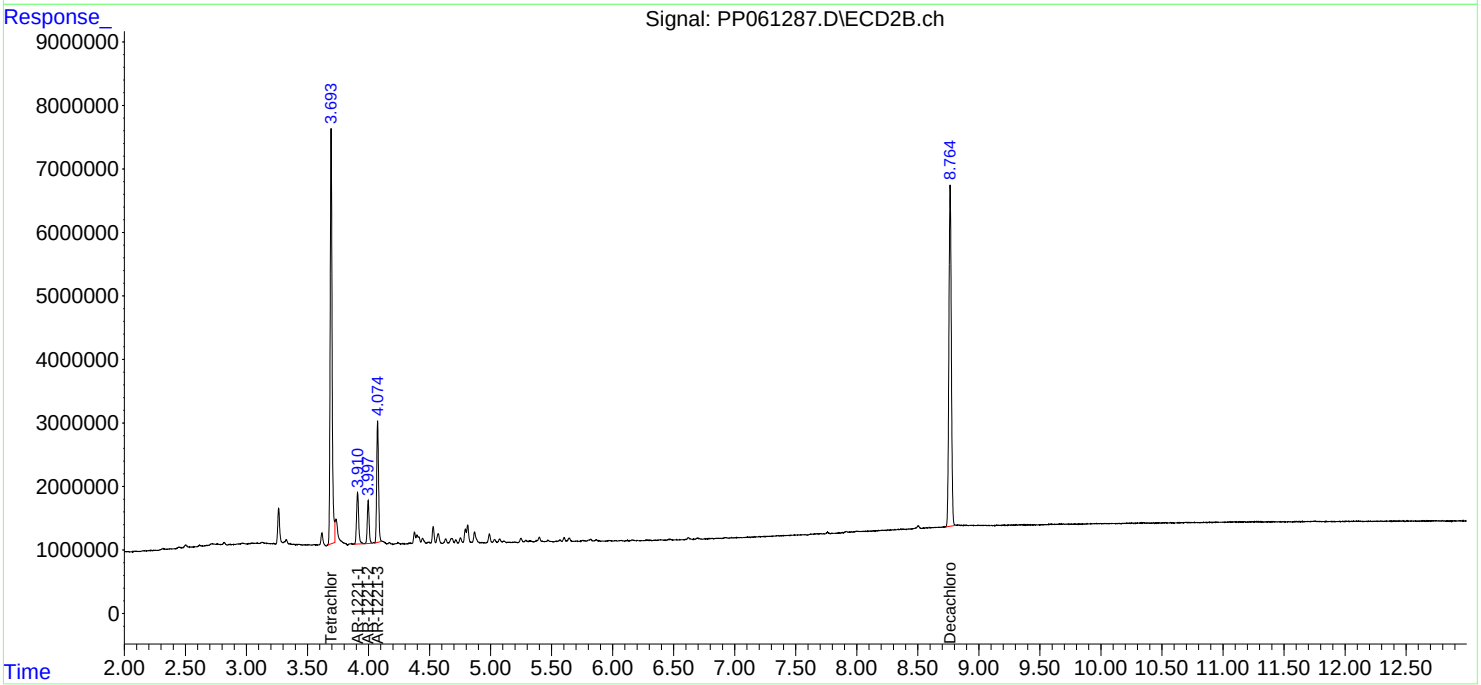
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061287.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:25
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:43:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 12:42:42 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:41
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 13:36:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 13:36:26 2023
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...	4.561	3.695	124.4E6	72463610	50.000	50.000
2)	SA Decachlor...	10.542	8.768	93864882	75317694	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.940	4.077	26687386	16884183	500.000	500.000
12)	L3 AR-1232-2	5.481	4.814	14792858	15980229	500.000	500.000
13)	L3 AR-1232-3	5.778	4.993	24927517	8816264	500.000	500.000
14)	L3 AR-1232-4	5.941	5.077	12611918	7971748	500.000	500.000
15)	L3 AR-1232-5	6.033	5.251	10797838	9027782	500.000	500.000

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

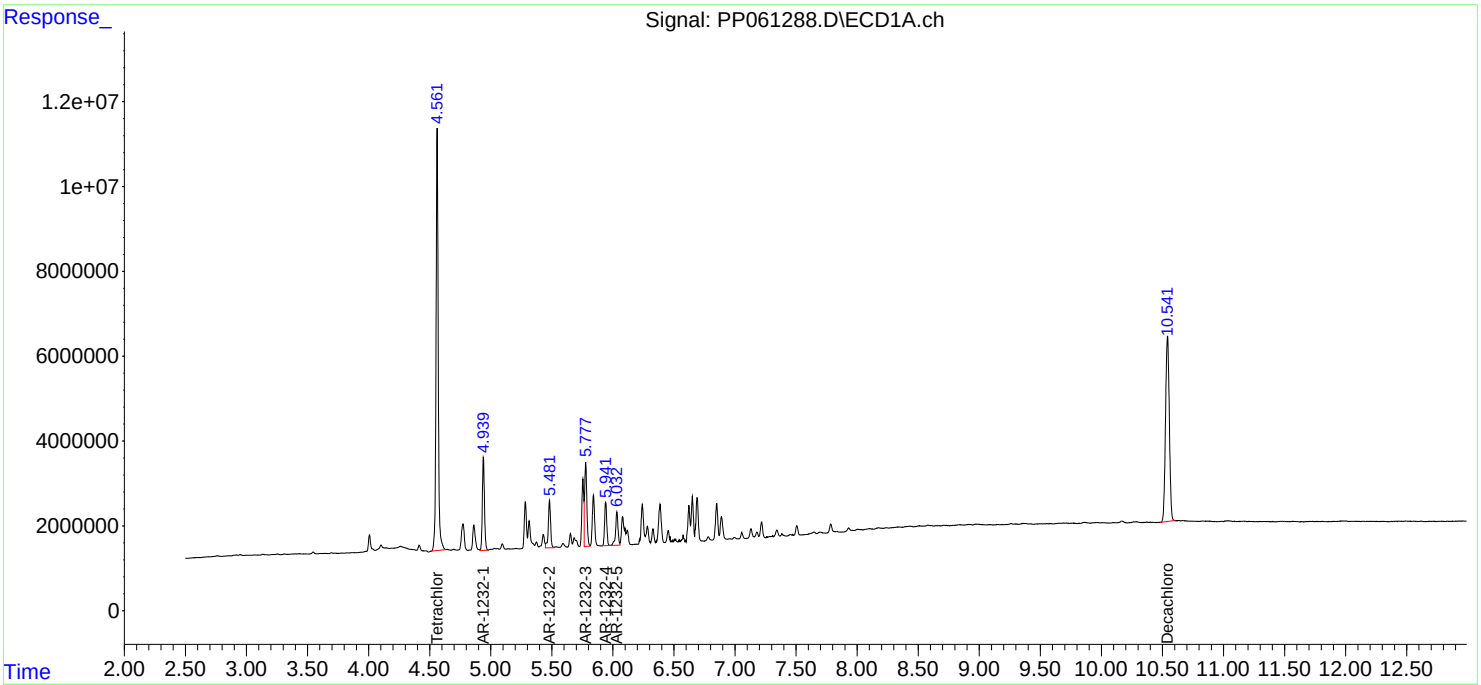
ICAL Form

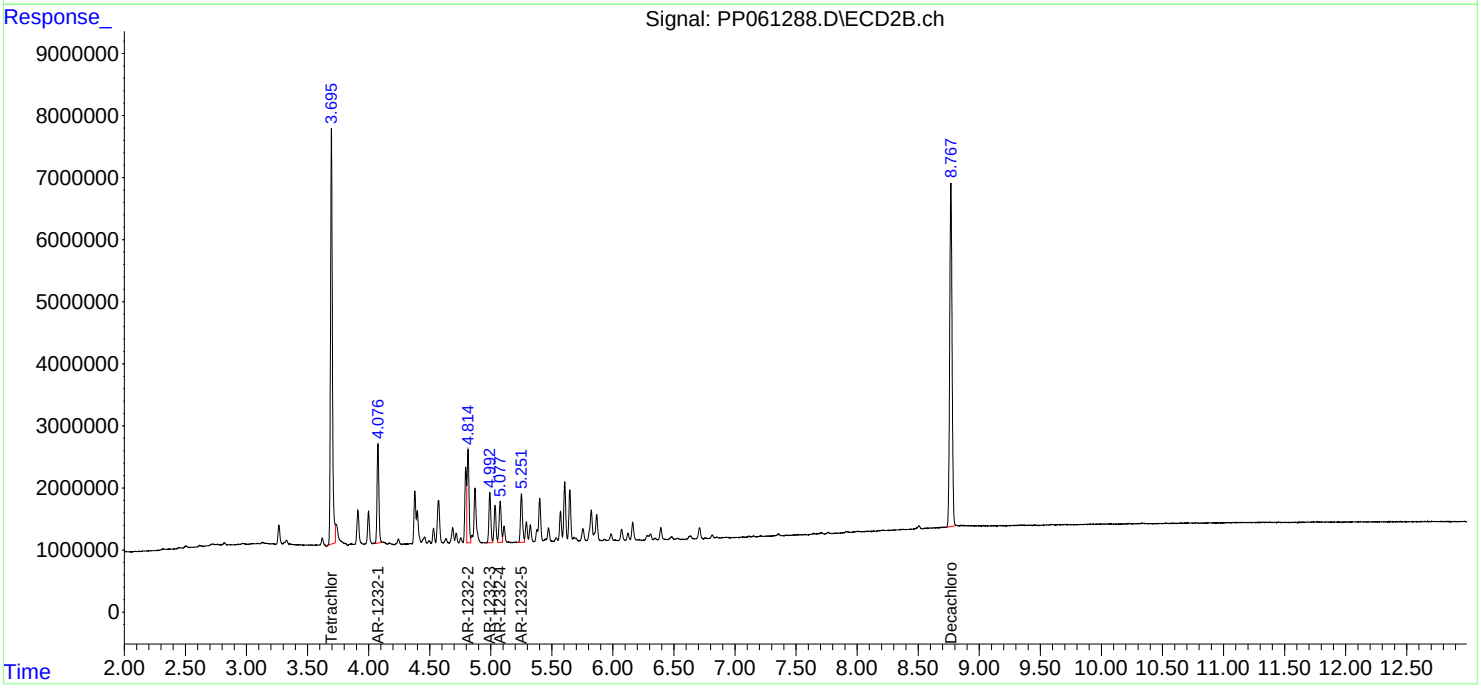
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:41
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 13:36:39 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 13:36:26 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:57
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:13:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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...	4.563	3.696	255.3E6	151.1E6	98.616	96.781
2)	SA Decachlor...	10.545	8.771	183.9E6	147.2E6	96.911	96.632
	Target Compounds						
16)	L4 AR-1242-1	5.756	4.797	61622664	38370066	956.793	944.682
17)	L4 AR-1242-2	5.779	4.816	89744740	53117583	975.066	956.224
18)	L4 AR-1242-3	5.843	4.995	53408719	29705737	958.890	945.349
19)	L4 AR-1242-4	5.944	5.079	45020195	29339715	968.216	939.454
20)	L4 AR-1242-5	6.692	5.608	47011944	37074981	937.913	950.412

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

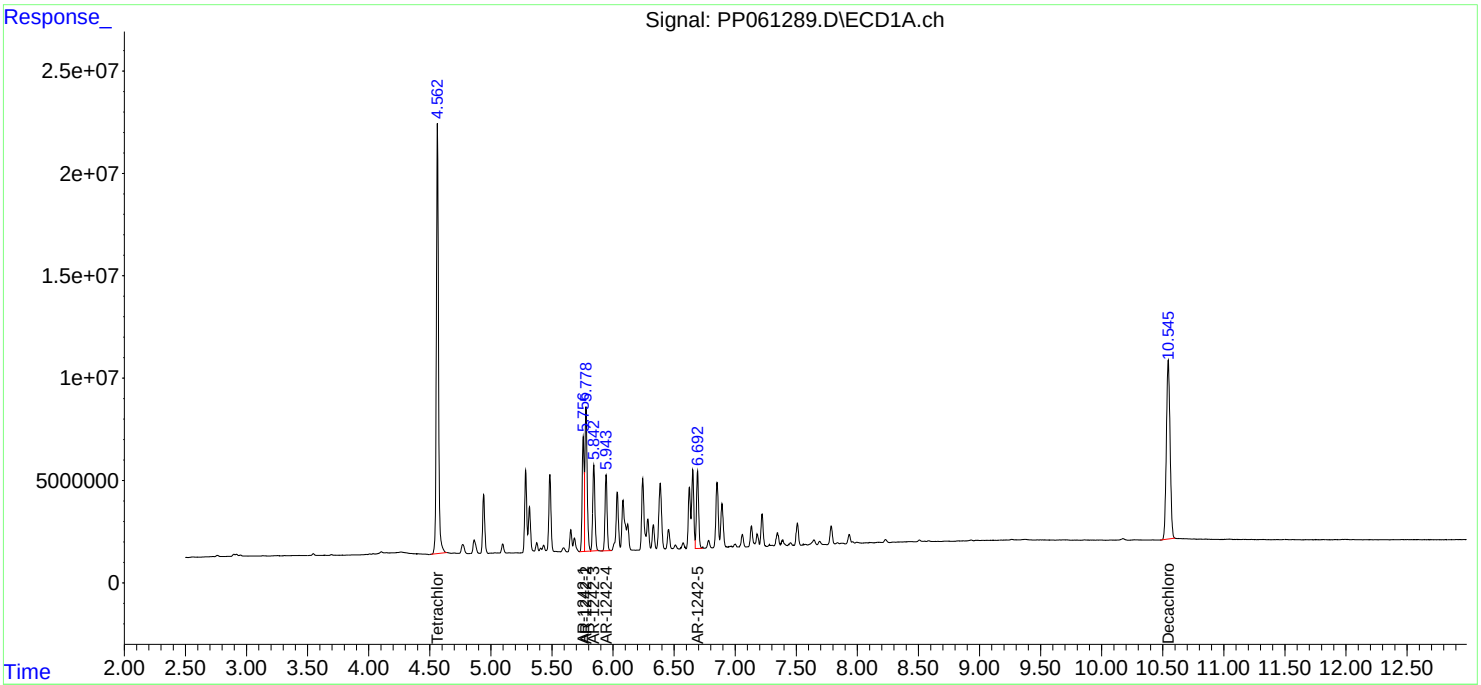
ICAL Form

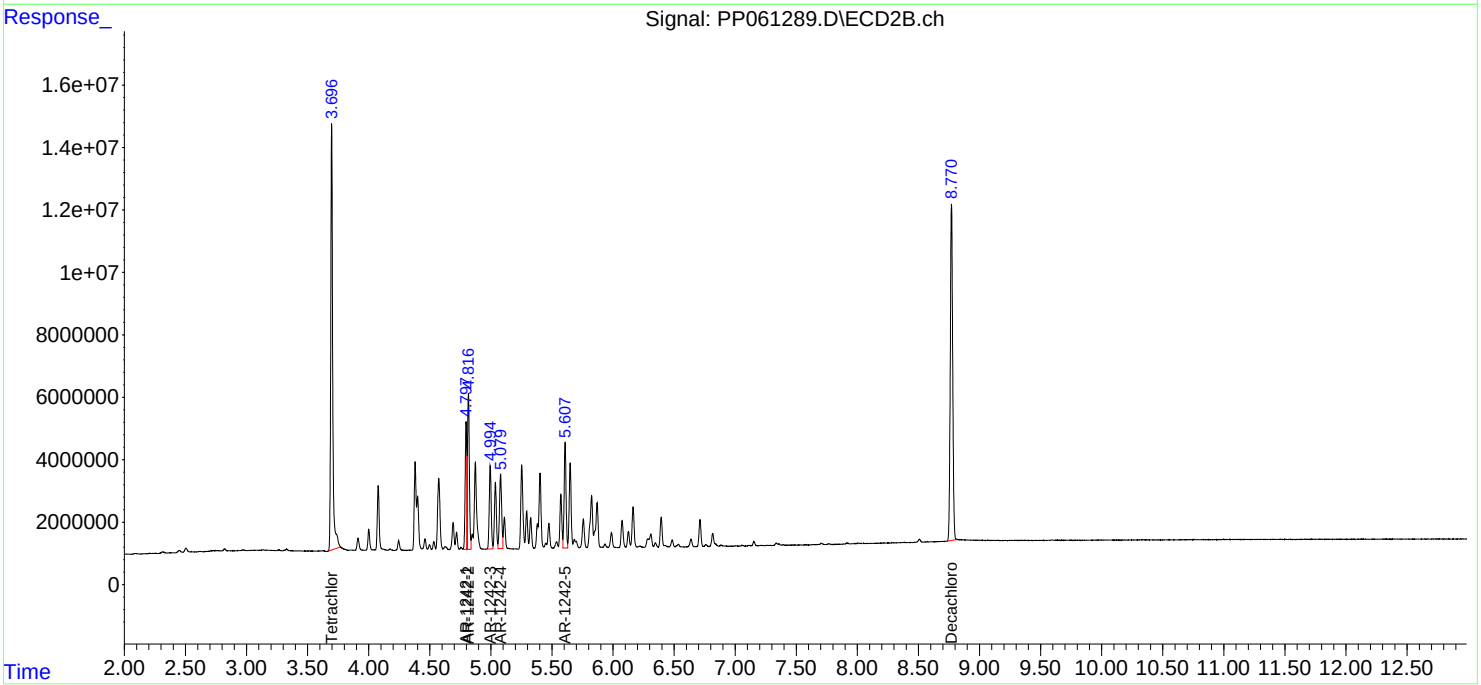
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 12:57
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:13:10 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:13
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:15:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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...	4.563	3.698	192.9E6	116.0E6	74.681	74.509
2)	SA Decachlor...	10.545	8.771	141.5E6	113.4E6	74.715	74.644
	Target Compounds						
16)	L4 AR-1242-1	5.757	4.798	47898001	30199629	745.785	745.670
17)	L4 AR-1242-2	5.780	4.817	68009793	41005903	742.576	742.085
18)	L4 AR-1242-3	5.844	4.995	41160564	23196000	742.623	742.081
19)	L4 AR-1242-4	5.944	5.080	34649385	23069796	746.779	742.423
20)	L4 AR-1242-5	6.693	5.608	35553632	28946234	722.376	744.670

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

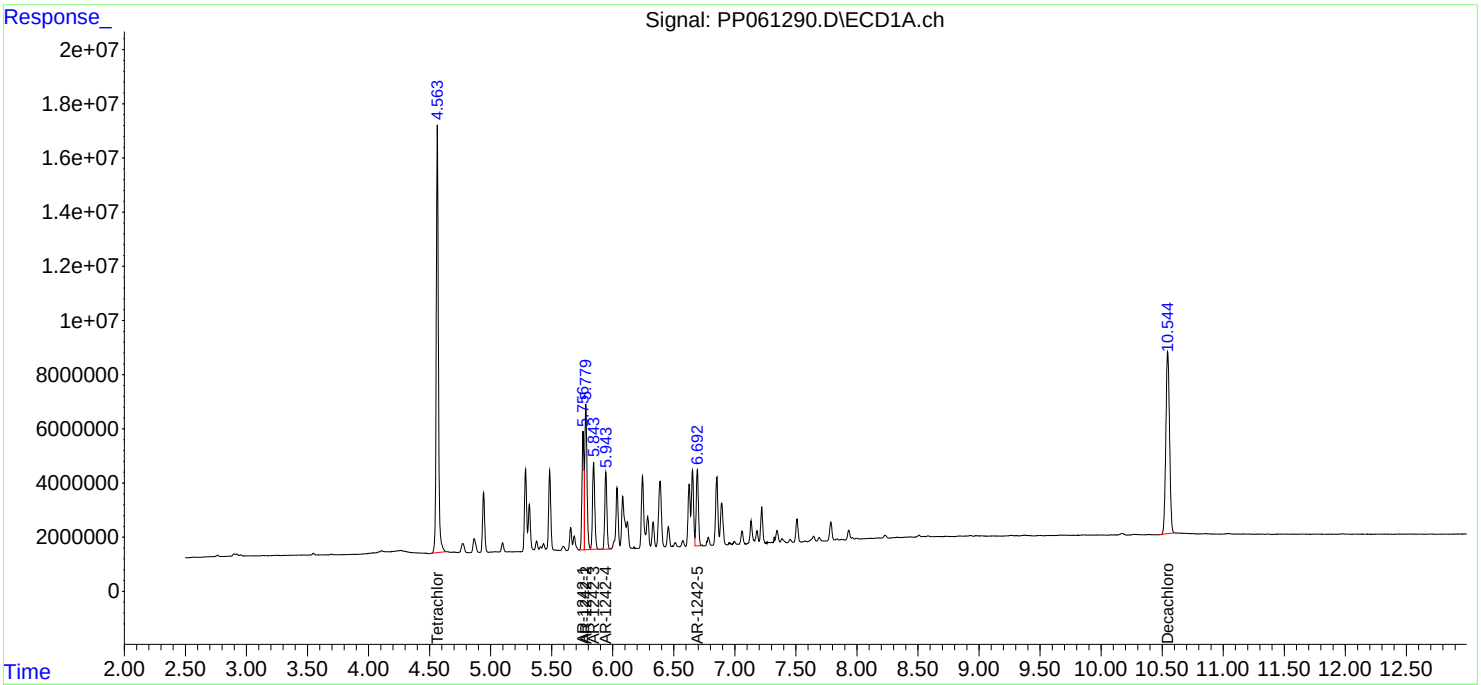
ICAL Form

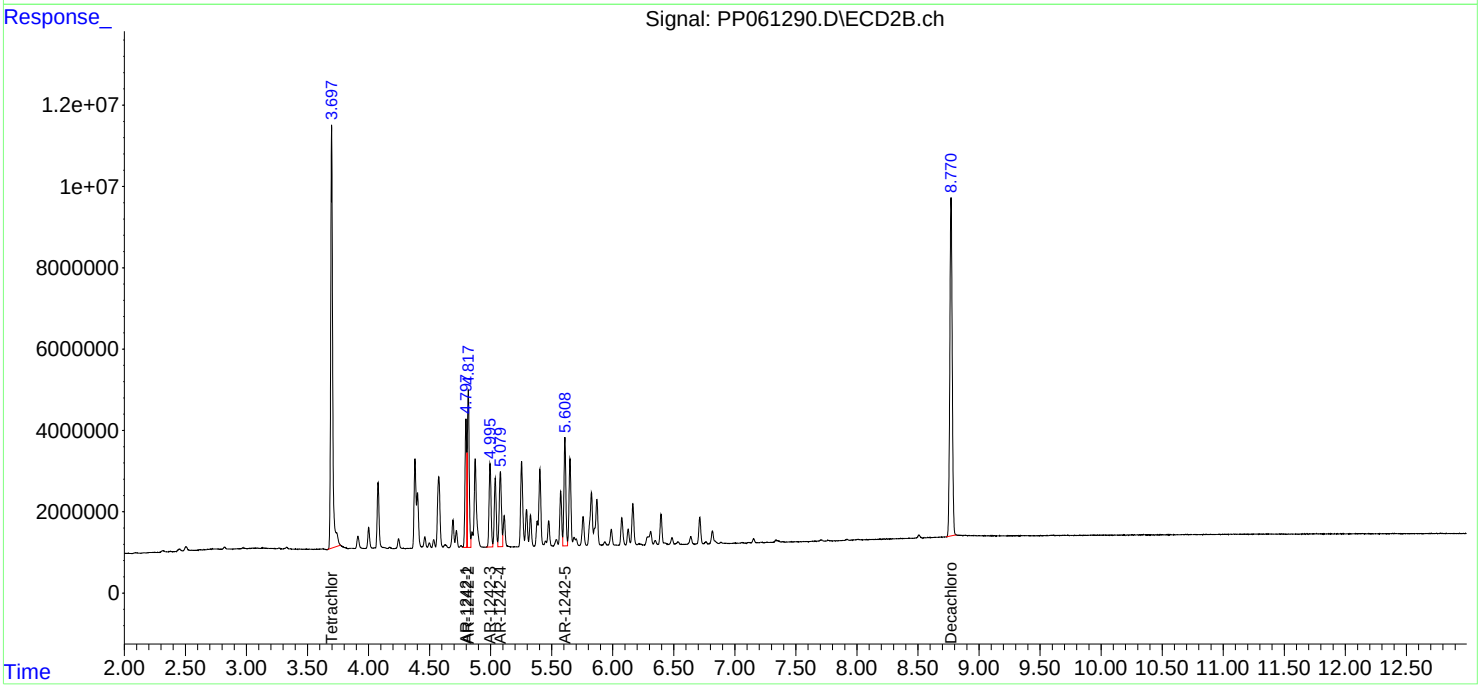
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:13
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:15:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:30
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:10:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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...	4.562	3.696	131.2E6	80589876	50.000	50.000
2)	SA Decachlor...	10.540	8.769	97826681	78707112	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.756	4.796	33594077	21431885	500.000	500.000
17)	L4 AR-1242-2	5.778	4.815	47167280	28990510	500.000	500.000
18)	L4 AR-1242-3	5.842	4.993	28994142	16570177	500.000	500.000
19)	L4 AR-1242-4	5.943	5.078	23987977	16560732	500.000	500.000
20)	L4 AR-1242-5	6.690	5.607	26618034	20471894	500.000	500.000

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

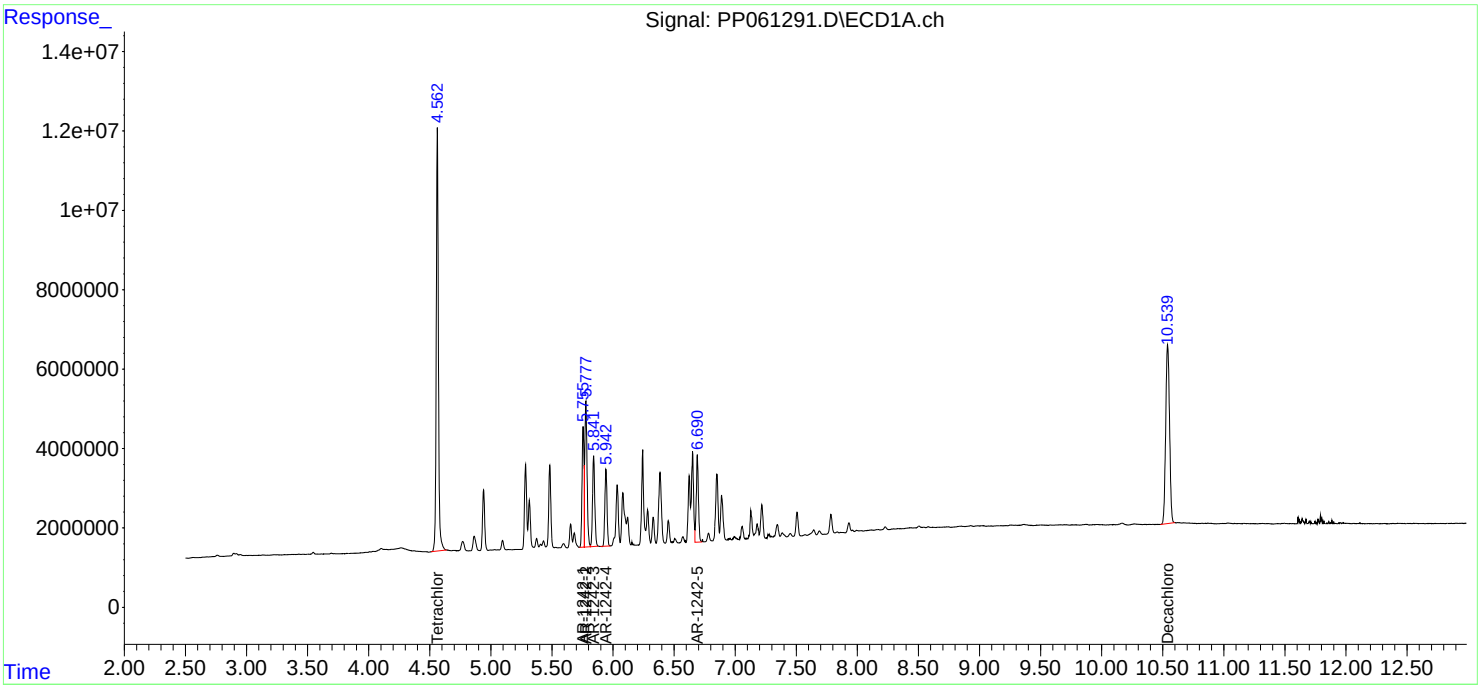
ICAL Form

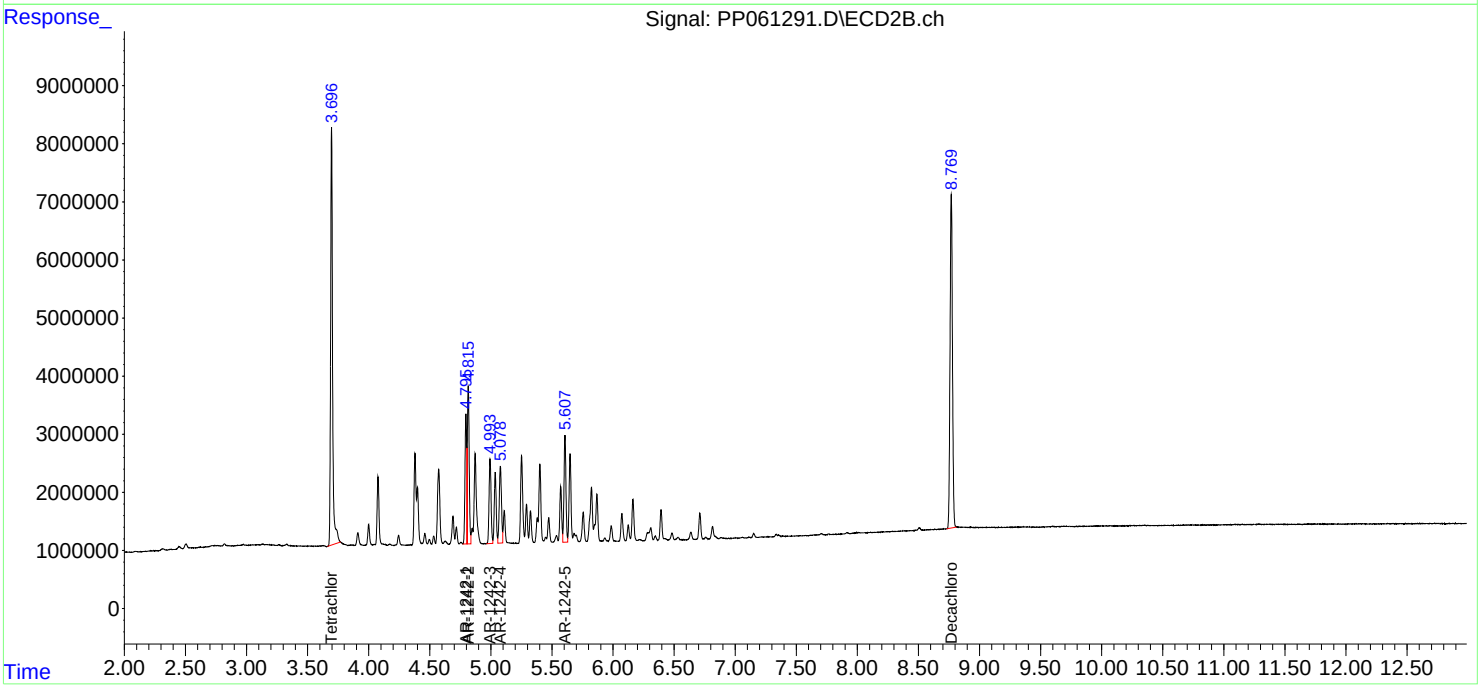
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:30
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:10:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:46
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:19:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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...	4.561	3.694	64378024	42078271	24.940	26.583m
2)	SA Decachlor...	10.537	8.767	52694791	41200383	27.055	26.556
	Target Compounds						
16)	L4 AR-1242-1	5.753	4.794	17193867	11542413	263.054	275.361
17)	L4 AR-1242-2	5.777	4.814	24175491	15331194	260.329	270.037
18)	L4 AR-1242-3	5.840	4.992	15173659	8669462	267.410	269.967
19)	L4 AR-1242-4	5.941	5.077	12565332	8768849	265.292	273.394
20)	L4 AR-1242-5	6.690	5.605	14019317	10901460	275.253	272.163

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 13:46
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

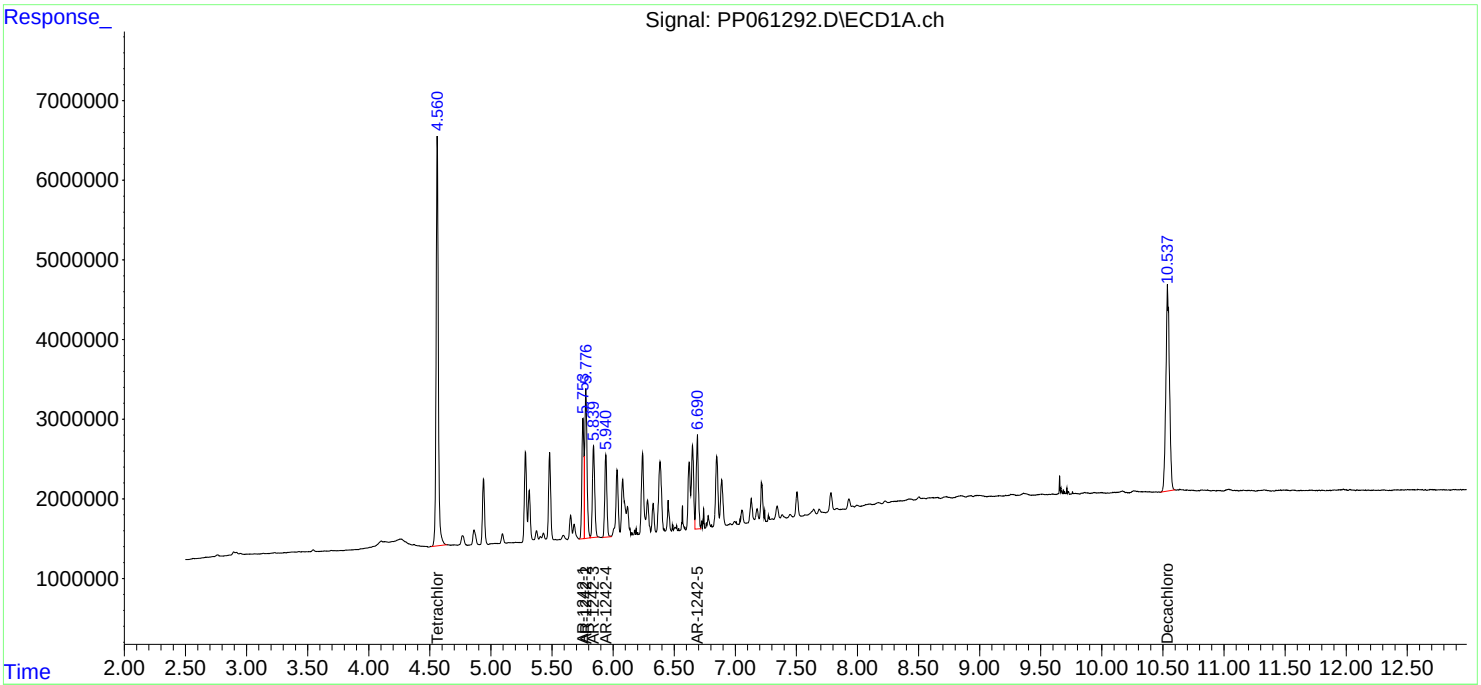
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

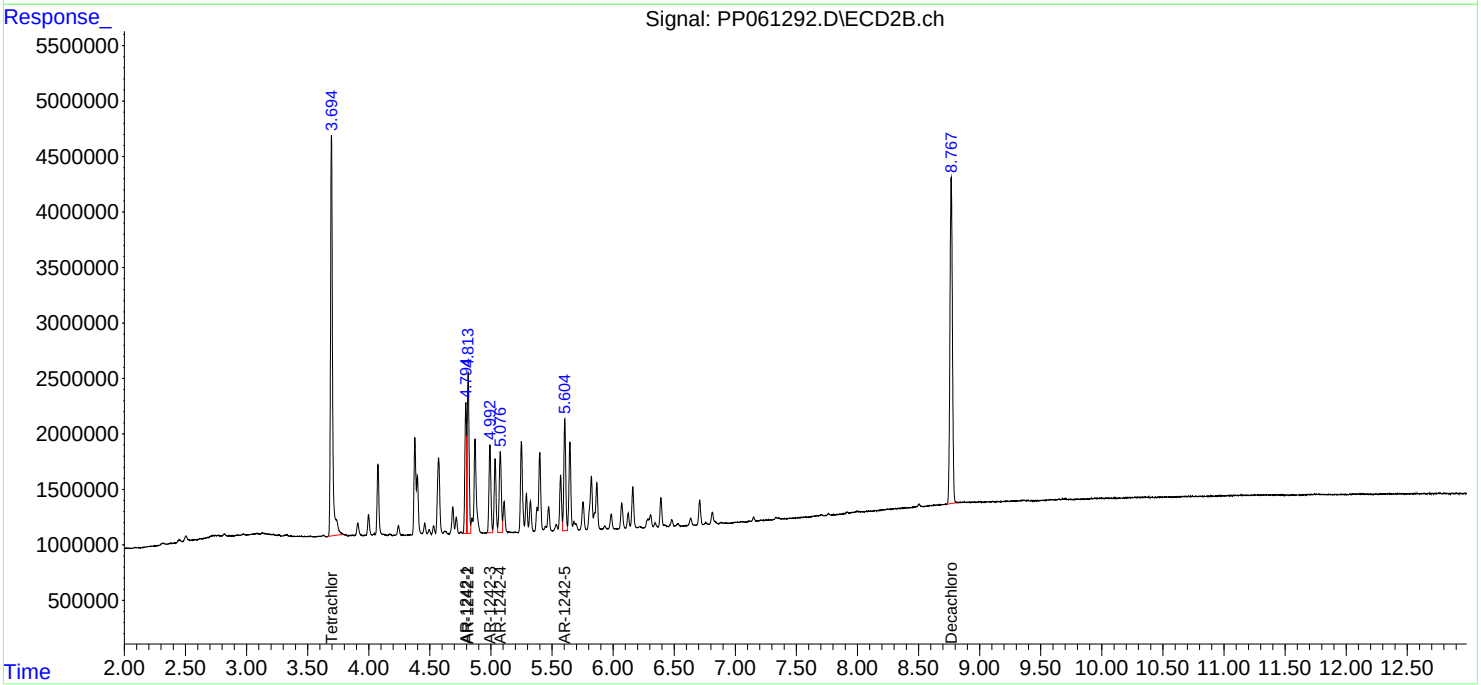
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:19:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:02
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:25:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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...	4.560	3.694	11302878	7858417	4.490	4.945m
2)	SA Decachlor...	10.539	8.766	9098146	7982682	4.734	5.116
	Target Compounds						
16)	L4 AR-1242-1	5.753	4.795	3281569	2186927	50.164	51.723
17)	L4 AR-1242-2	5.776	4.814	4593990	2857732	49.575	50.267
18)	L4 AR-1242-3	5.840	4.992	2920653	1601089	51.170	49.886
19)	L4 AR-1242-4	5.945	5.077	2680510	1625795	55.228m	50.549
20)	L4 AR-1242-5	6.689	5.604	2744950	1912699	53.067	48.185

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:02
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

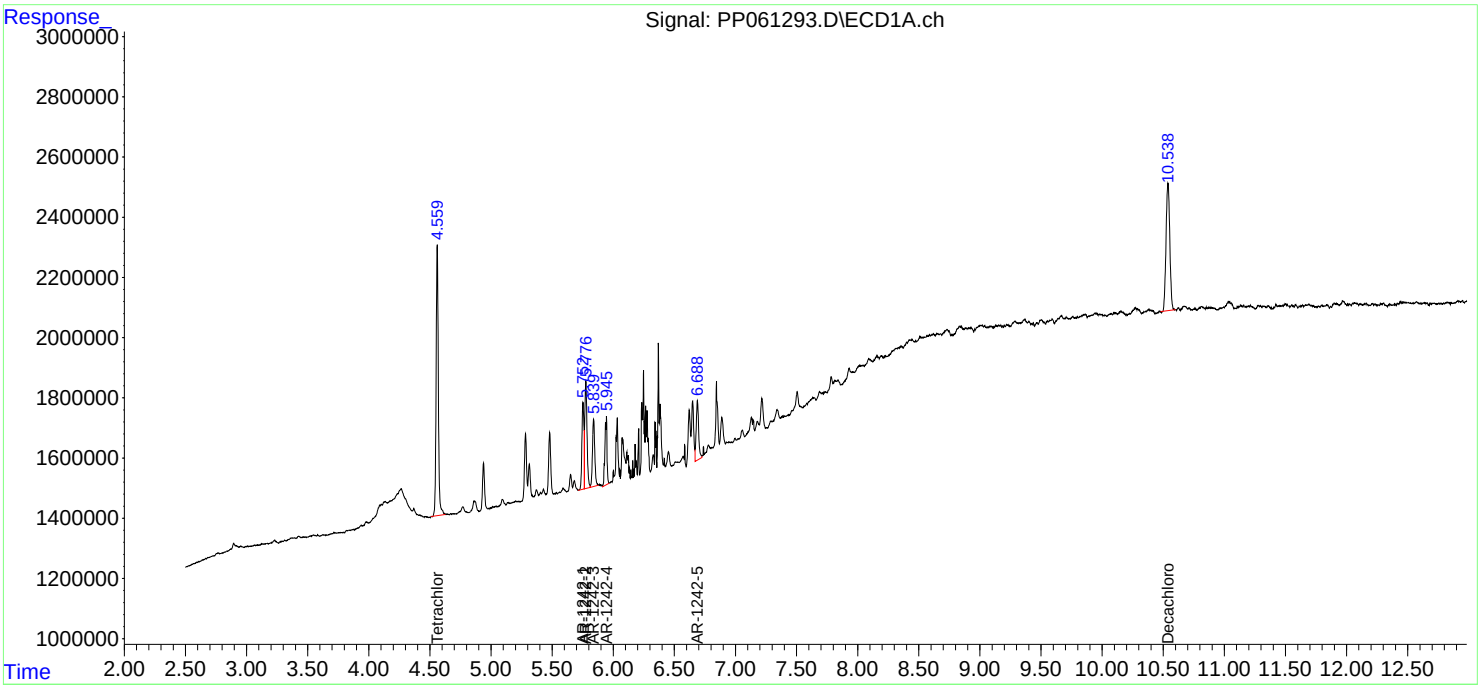
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

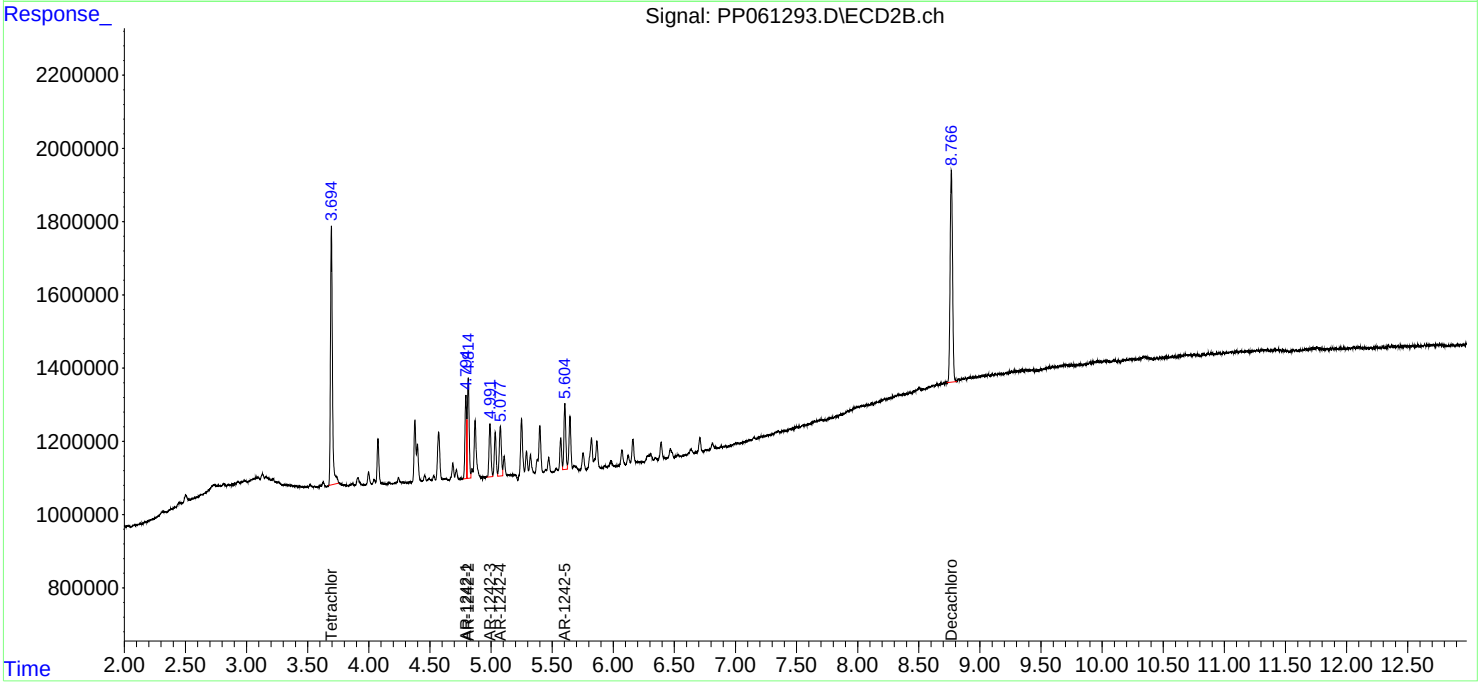
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 14:25:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 14:10:13 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:19
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:24:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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...	4.560	3.693	251.8E6	150.3E6	99.302	97.443
2)	SA Decachlor...	10.534	8.763	183.2E6	146.8E6	97.015	96.834
	Target Compounds						
21)	L5 AR-1248-1	5.752	4.793	46243226	28479766	974.006	948.138
22)	L5 AR-1248-2	6.031	5.032	69204046	39884082	970.540	947.733
23)	L5 AR-1248-3	6.240	5.074	86824624	42268470	1023.310	948.950
24)	L5 AR-1248-4	6.648	5.248	84558978	50503493	983.869	950.388
25)	L5 AR-1248-5	6.688	5.644	80381233	48980599	976.037	957.422

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

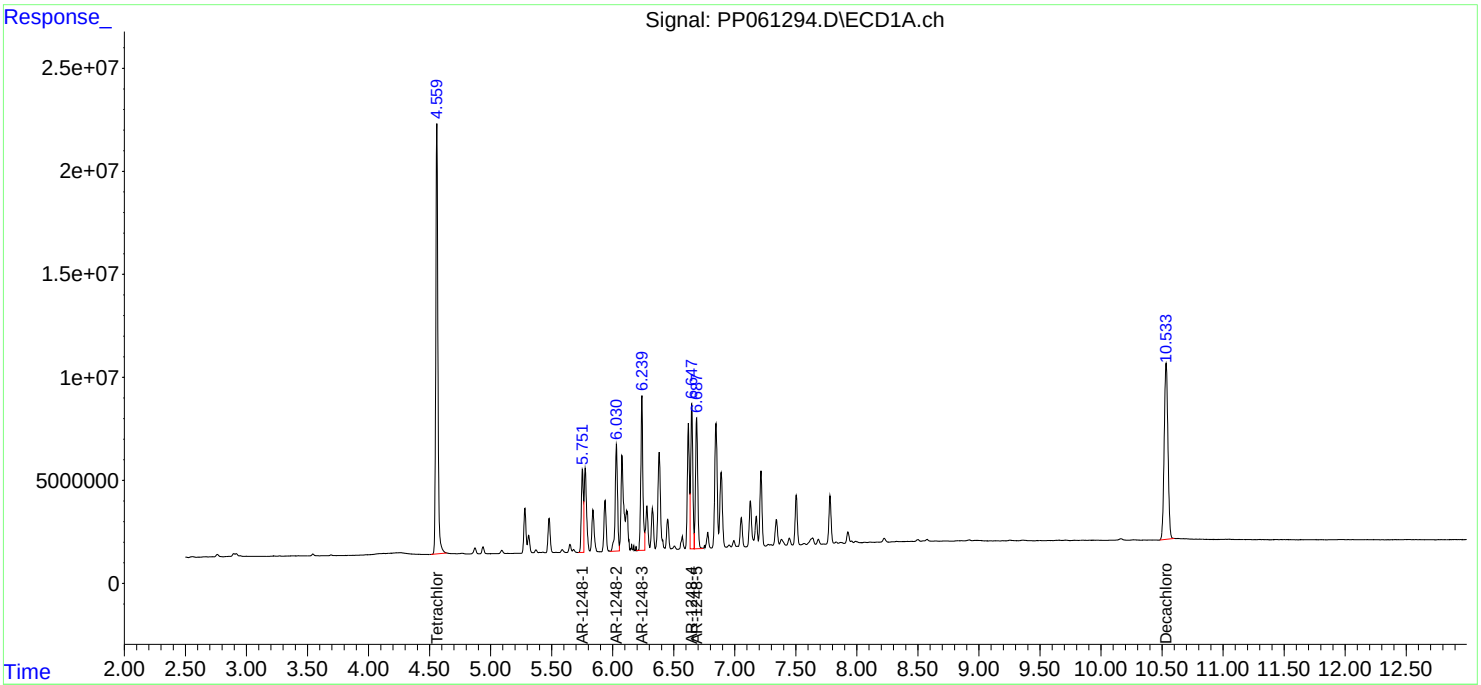
ICAL Form

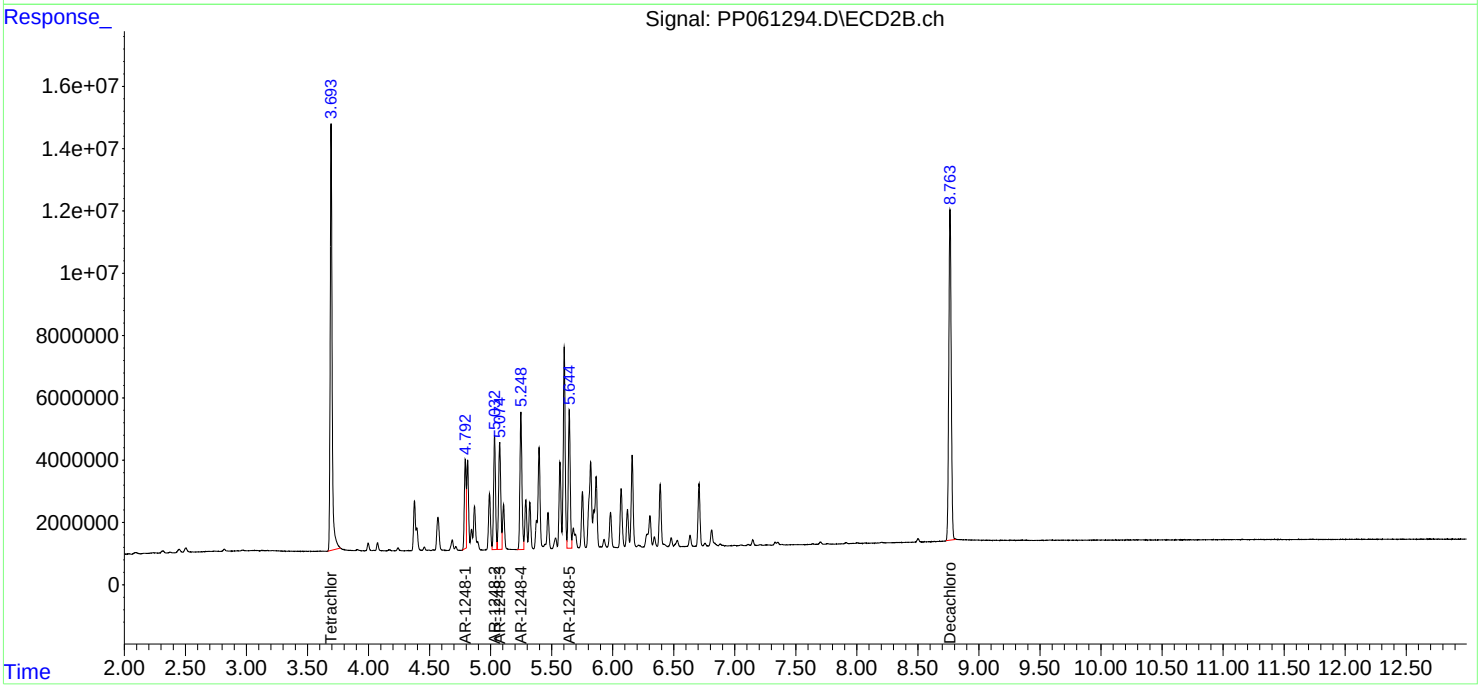
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:19
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:24:11 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:35
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:26:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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...	4.558	3.692	190.4E6	115.2E6	75.064	74.766
2)	SA Decachlor...	10.534	8.763	141.3E6	113.5E6	74.911	74.892
	Target Compounds						
21)	L5 AR-1248-1	5.750	4.792	35572310	21997662	749.499	738.132
22)	L5 AR-1248-2	6.029	5.032	61065077	30790878	817.728	737.672
23)	L5 AR-1248-3	6.238	5.073	58291798	33156962	706.807	746.252
24)	L5 AR-1248-4	6.647	5.247	64553279	40247544	750.731	754.910
25)	L5 AR-1248-5	6.687	5.643	63215378	38525171	761.641	752.031

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

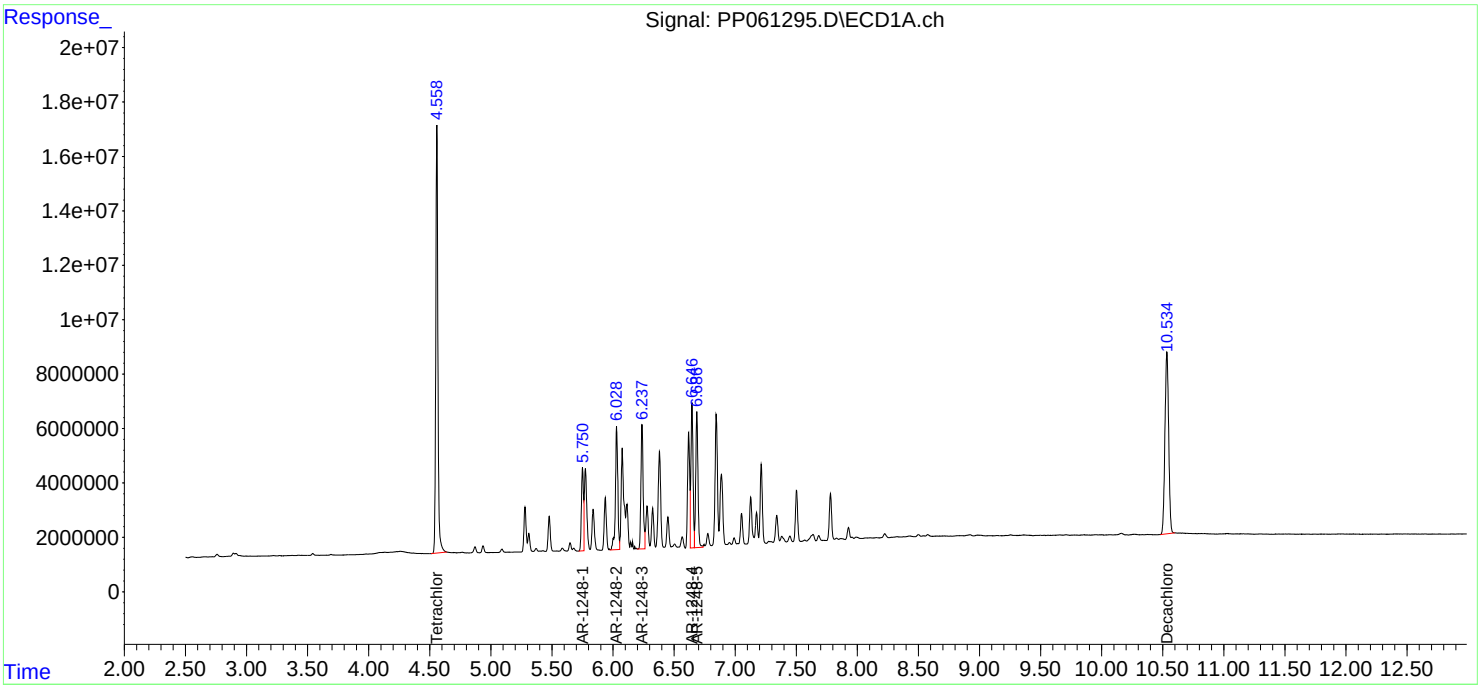
ICAL Form

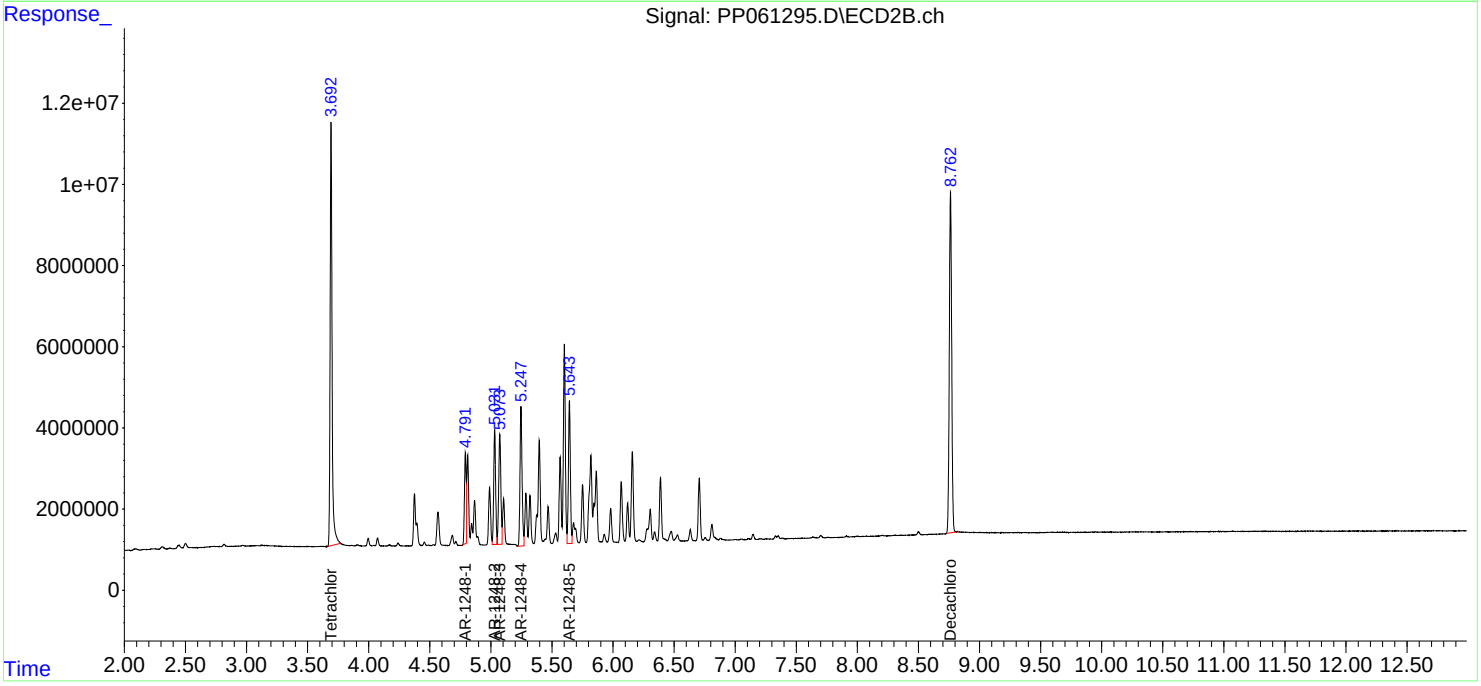
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061295.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:35
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:26:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:51
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:20:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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...	4.559	3.693	127.7E6	79117698	50.000	50.000
2)	SA Decachlor...	10.536	8.763	97212296	78210181	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.752	4.792	24355728	15797701	500.000	500.000
22)	L5 AR-1248-2	6.031	5.032	36702680	22141638	500.000	500.000
23)	L5 AR-1248-3	6.238	5.074	41434562	23408114	500.000	500.000
24)	L5 AR-1248-4	6.648	5.247	43665881	27888106	500.000	500.000
25)	L5 AR-1248-5	6.687	5.644	42164104	26668532	500.000	500.000

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

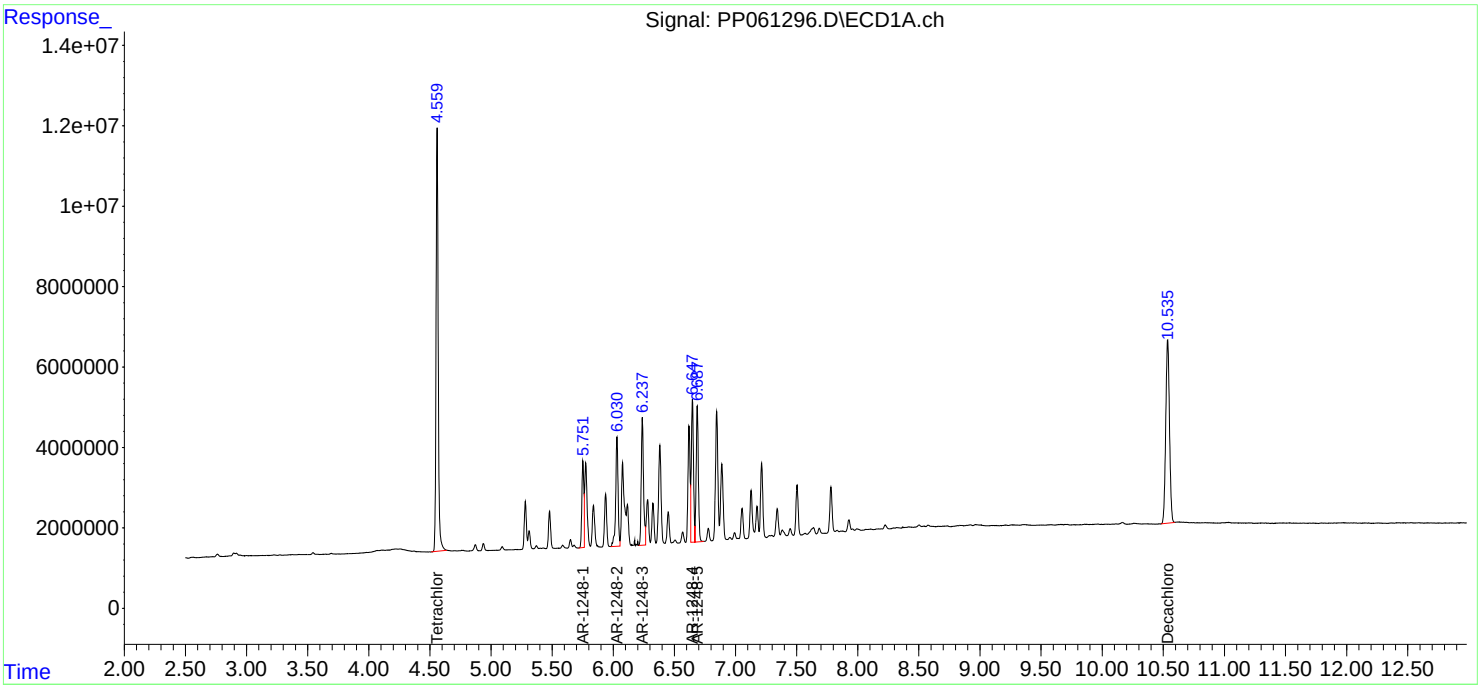
ICAL Form

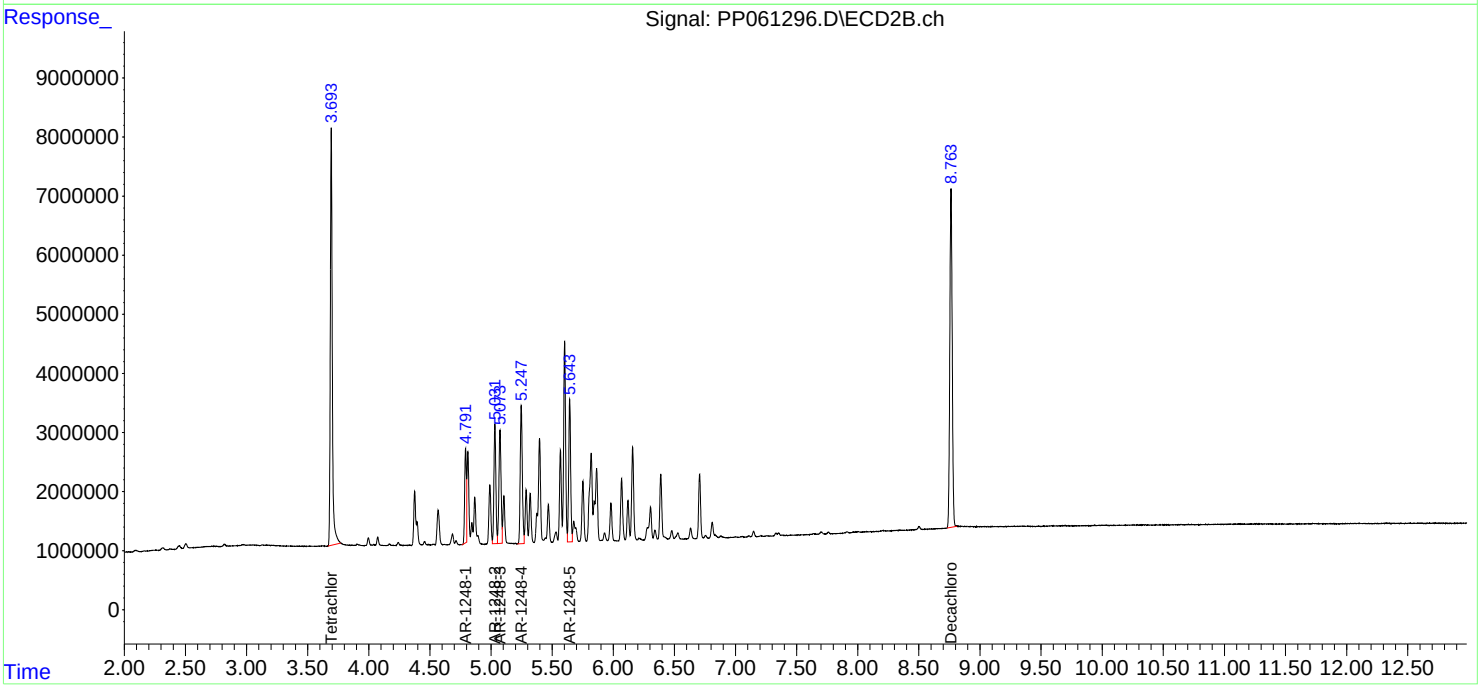
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061296.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 14:51
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:20:35 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:08
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:29:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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...	4.559	3.694	63604823	41065182	25.053	26.223
2)	SA Decachlor...	10.535	8.763	50585404	41299453	26.334	26.656
	Target Compounds						
21)	L5 AR-1248-1	5.751	4.793	13078037	8561714	268.686	276.961
22)	L5 AR-1248-2	6.030	5.032	19461207	12101147	257.872	278.786
23)	L5 AR-1248-3	6.237	5.074	22852240	12789592	269.782	277.353
24)	L5 AR-1248-4	6.648	5.248	22854817	15248685	261.661	276.072
25)	L5 AR-1248-5	6.688	5.644	22001674	14387783	261.145	272.450

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

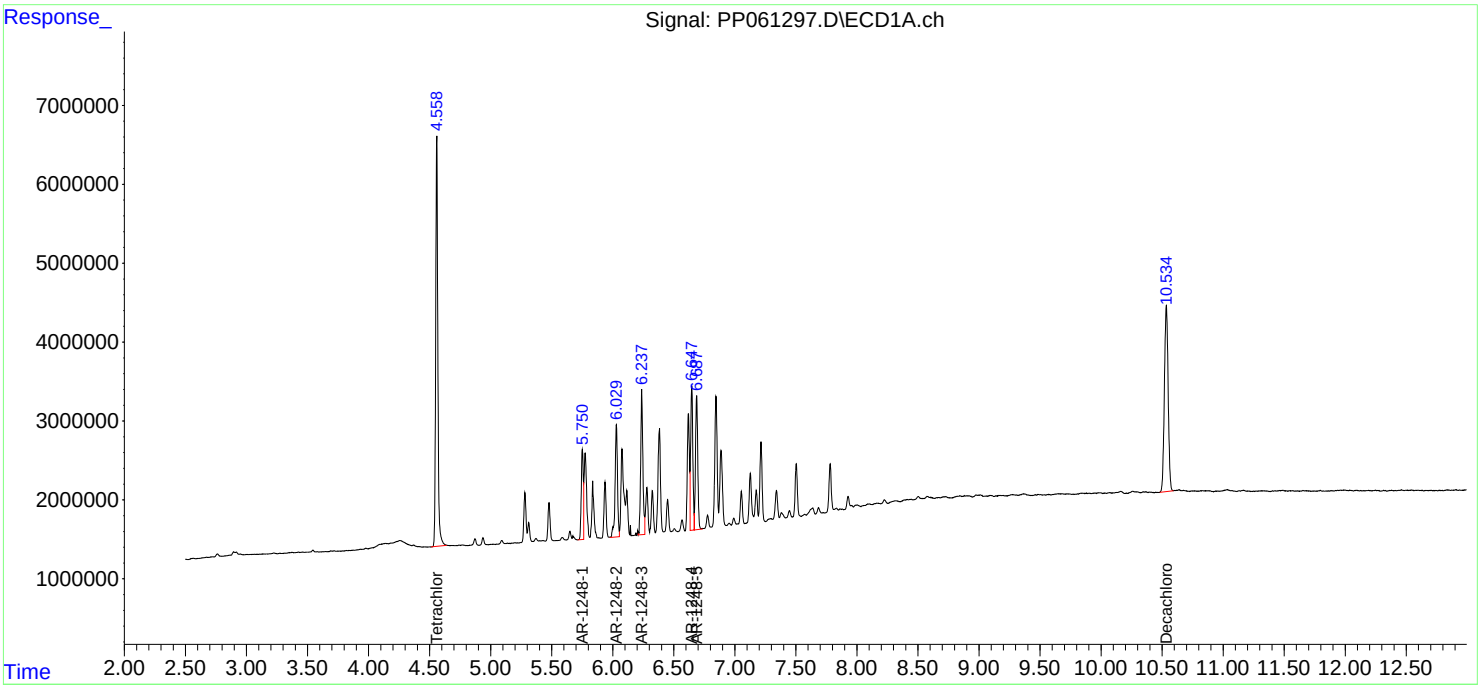
ICAL Form

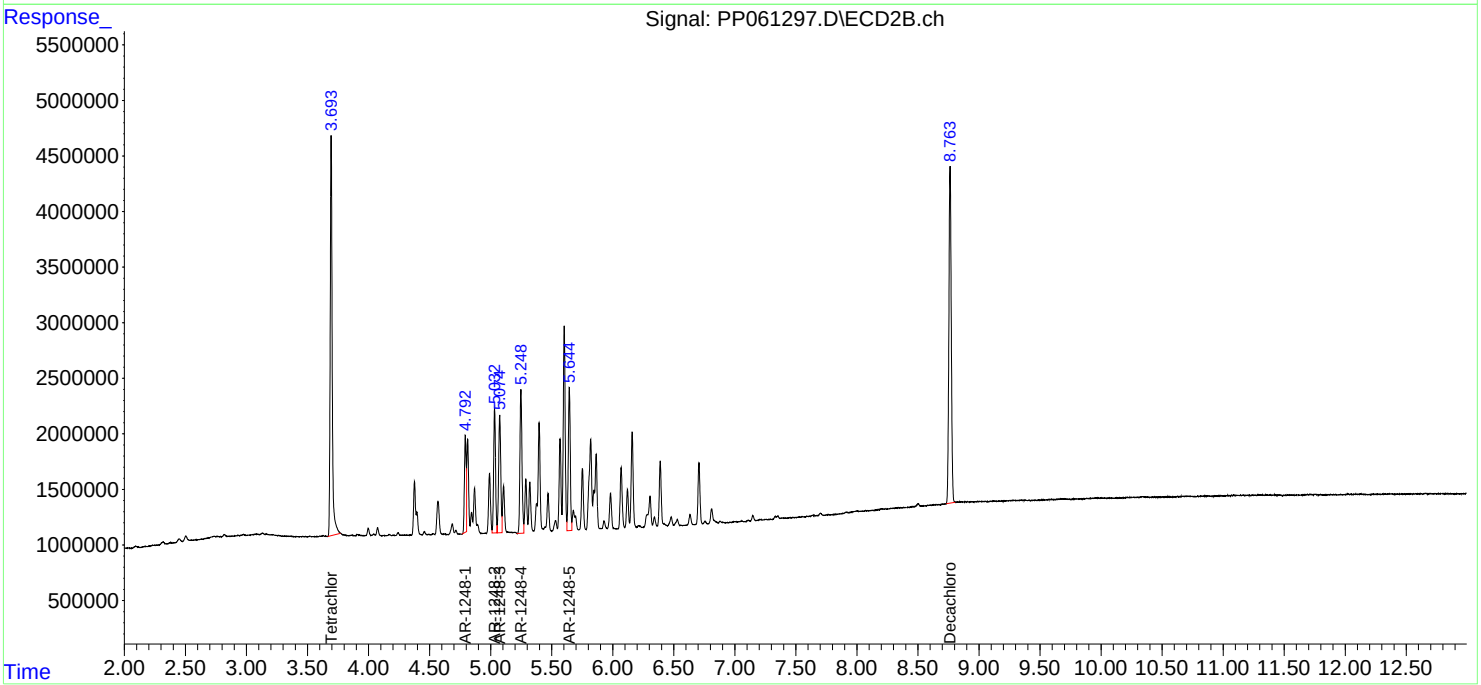
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061297.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:08
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:29:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:20:20 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:24
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:39:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:39:10 2023
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...	4.559	3.694	11081648	7661976	4.479	4.914
2)	SA Decachlor...	10.535	8.764	8976286	7864172	4.735	5.061
	Target Compounds						
21)	L5 AR-1248-1	5.752	4.793	2465294	1586627	50.518	51.055
22)	L5 AR-1248-2	6.031	5.033	3745910	2223811	49.708	50.981
23)	L5 AR-1248-3	6.239	5.074	3908089	2396375	46.861	51.562
24)	L5 AR-1248-4	6.648	5.247	4568993	2883816	51.831	51.690m
25)	L5 AR-1248-5	6.688	5.644	4348234	2446224	51.280	47.014

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:24
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

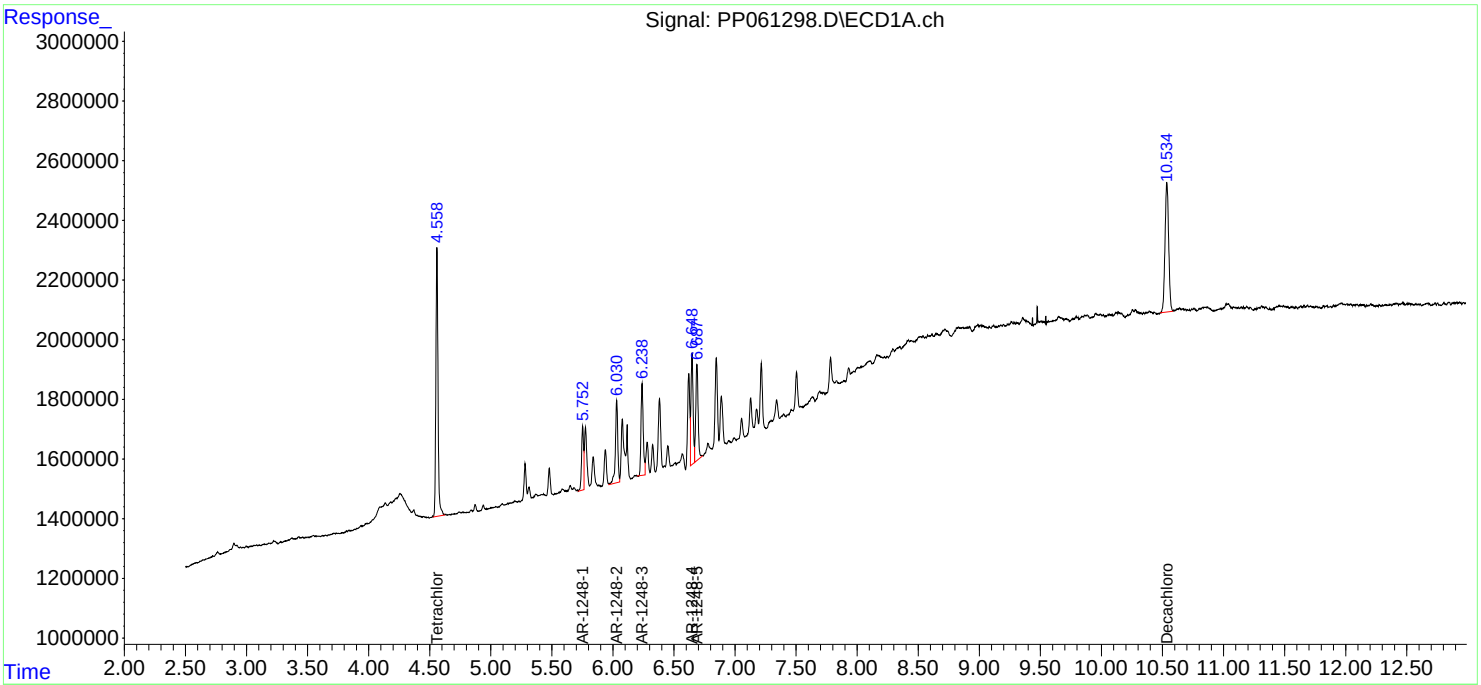
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

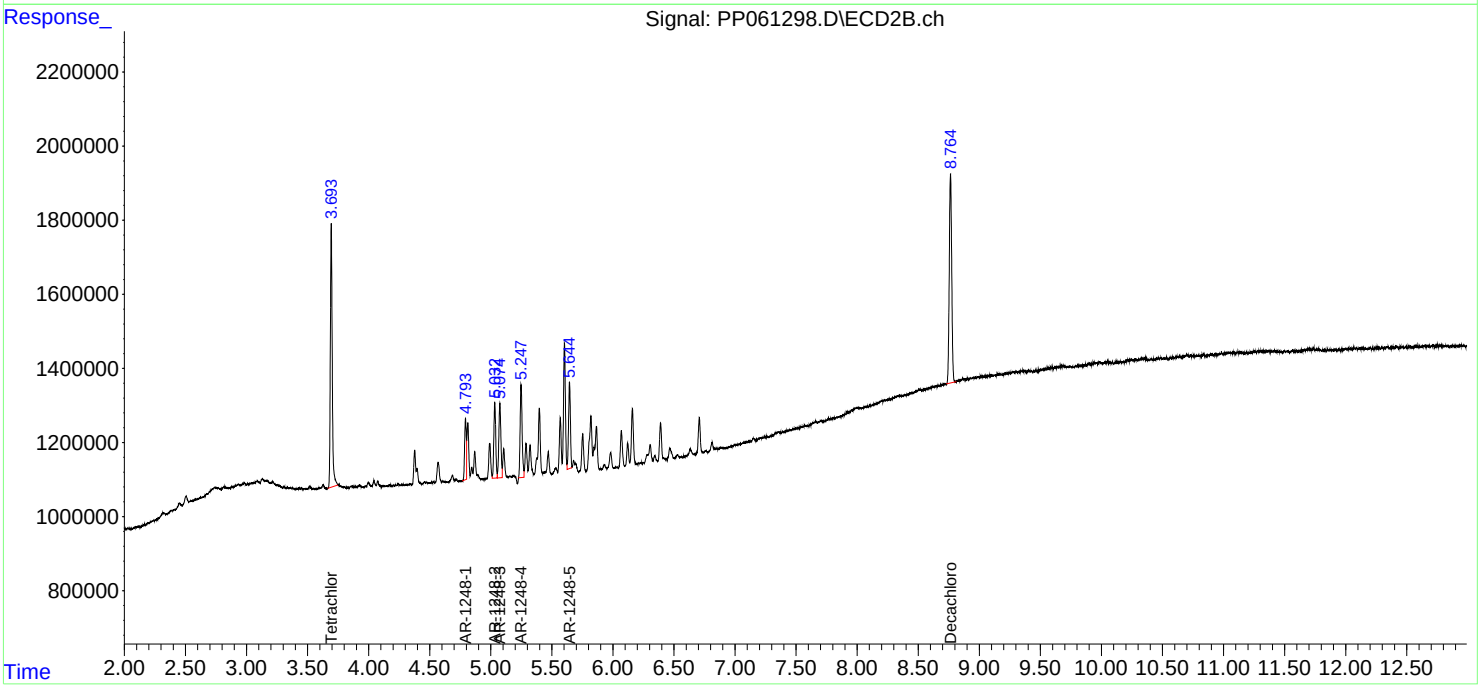
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/30/2023
Supervised By :mohammad ahmed 10/30/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 15:39:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 15:39:10 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:40
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:35:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:30:56 2023
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...	4.556	3.692	251.4E6	150.4E6	99.942	98.259
2)	SA Decachlor...	10.528	8.760	182.2E6	145.1E6	97.044	96.822
	Target Compounds						
26)	L6 AR-1254-1	6.619	5.601	84105683	73316784	974.316	965.057
27)	L6 AR-1254-2	6.840	5.749	127.7E6	64581135	976.920	961.595
28)	L6 AR-1254-3	7.211	6.157	133.4E6	108.0E6	981.441	973.187
29)	L6 AR-1254-4	7.500	6.386	96657916	66660088	982.190	972.315
30)	L6 AR-1254-5	7.924	6.808	107.8E6	102.6E6	982.234	974.467

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

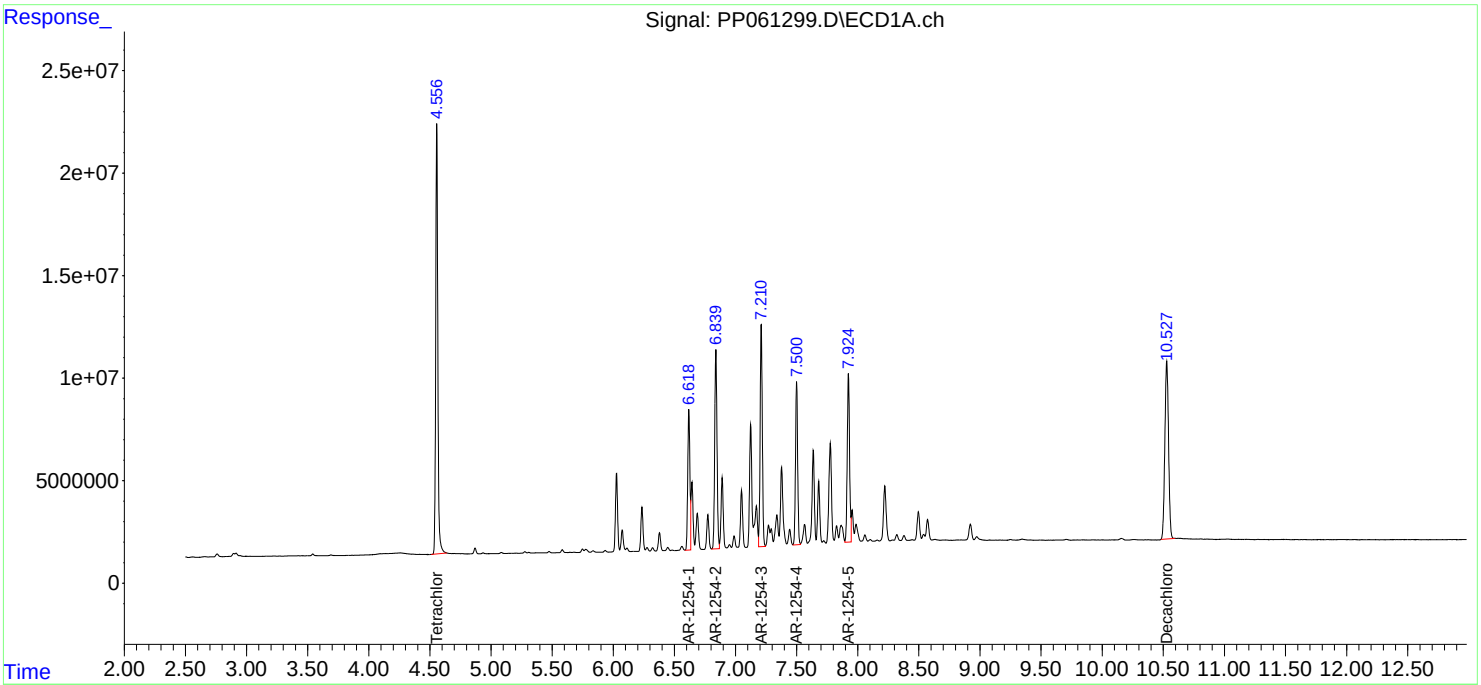
ICAL Form

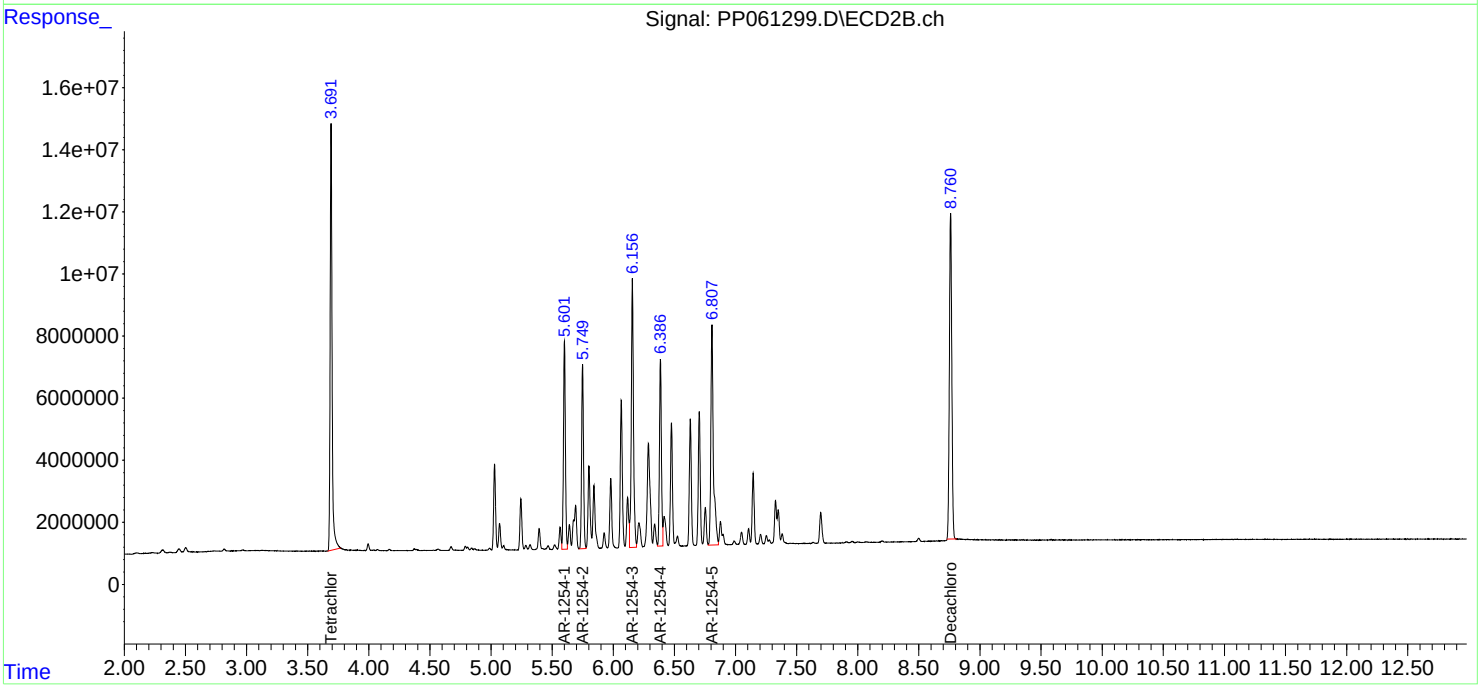
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061299.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:40
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:35:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:30:56 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:57
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:40:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:30:56 2023
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...	4.557	3.692	188.4E6	114.1E6	74.953	74.678
2)	SA Decachlor...	10.525	8.758	139.7E6	111.2E6	74.608	74.450
	Target Compounds						
26)	L6 AR-1254-1	6.619	5.600	64259174	56298240	746.261	744.006
27)	L6 AR-1254-2	6.840	5.750	97149487	49731662	745.526	743.634
28)	L6 AR-1254-3	7.211	6.156	101.1E6	82161301	746.050	743.741
29)	L6 AR-1254-4	7.500	6.386	73159190	50758386	745.592	743.552
30)	L6 AR-1254-5	7.924	6.808	82237501	78440794	749.735	746.500

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

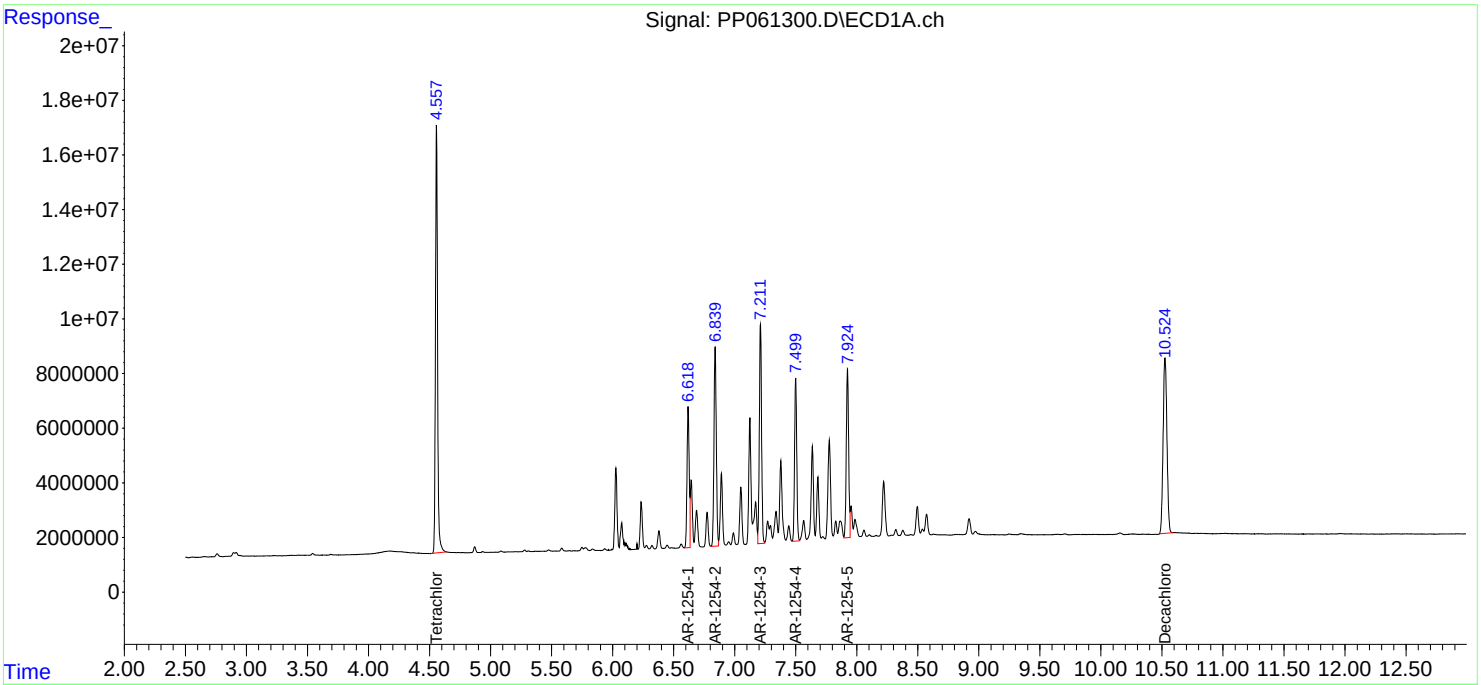
ICAL Form

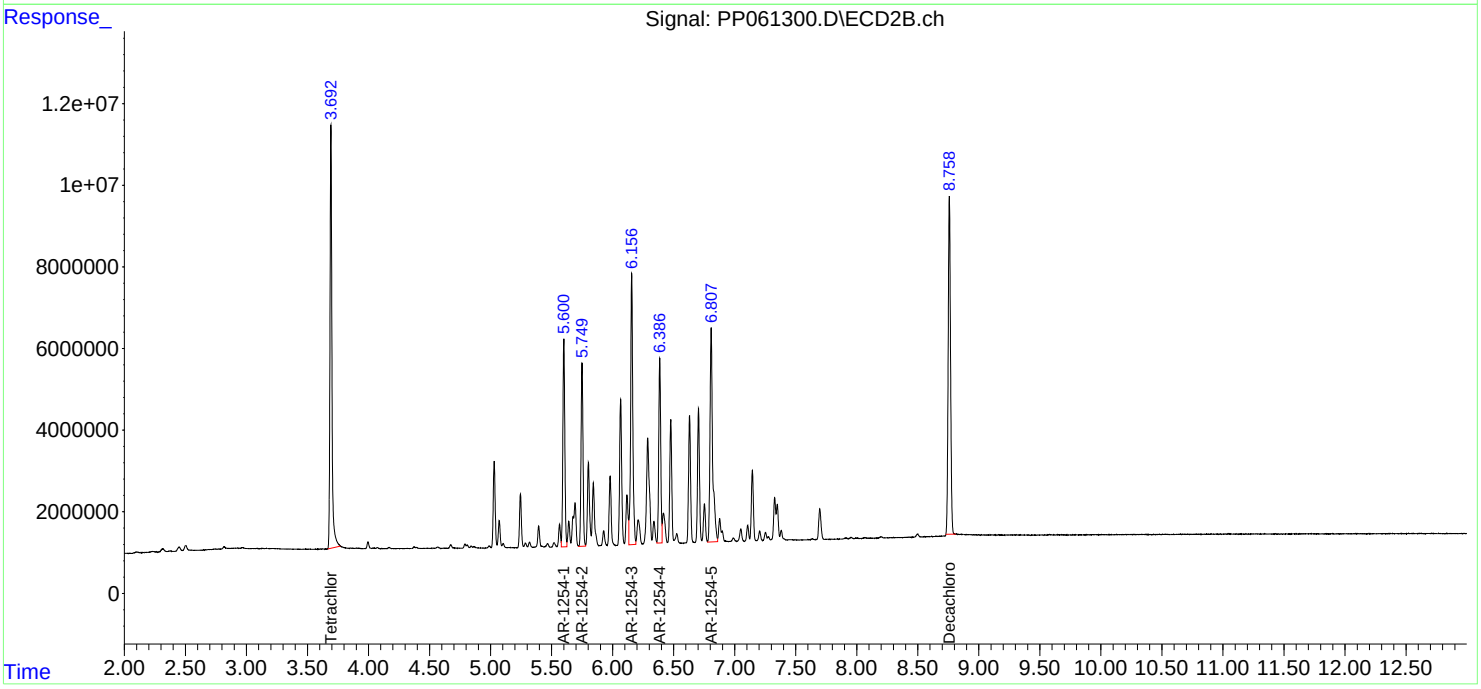
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061300.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 15:57
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:40:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:30:56 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:13
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:32:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:30:56 2023
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...	4.558	3.693	125.8E6	77871630	50.000	50.000
2)	SA Decachlor...	10.531	8.759	96649419	77323460	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.620	5.601	44269940	39313085	500.000	500.000
27)	L6 AR-1254-2	6.841	5.750	66857529	34869839	500.000	500.000
28)	L6 AR-1254-3	7.213	6.157	69224998	56952830	500.000	500.000
29)	L6 AR-1254-4	7.500	6.387	50081670	35228093	500.000	500.000
30)	L6 AR-1254-5	7.925	6.808	55828621	54006227	500.000	500.000

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

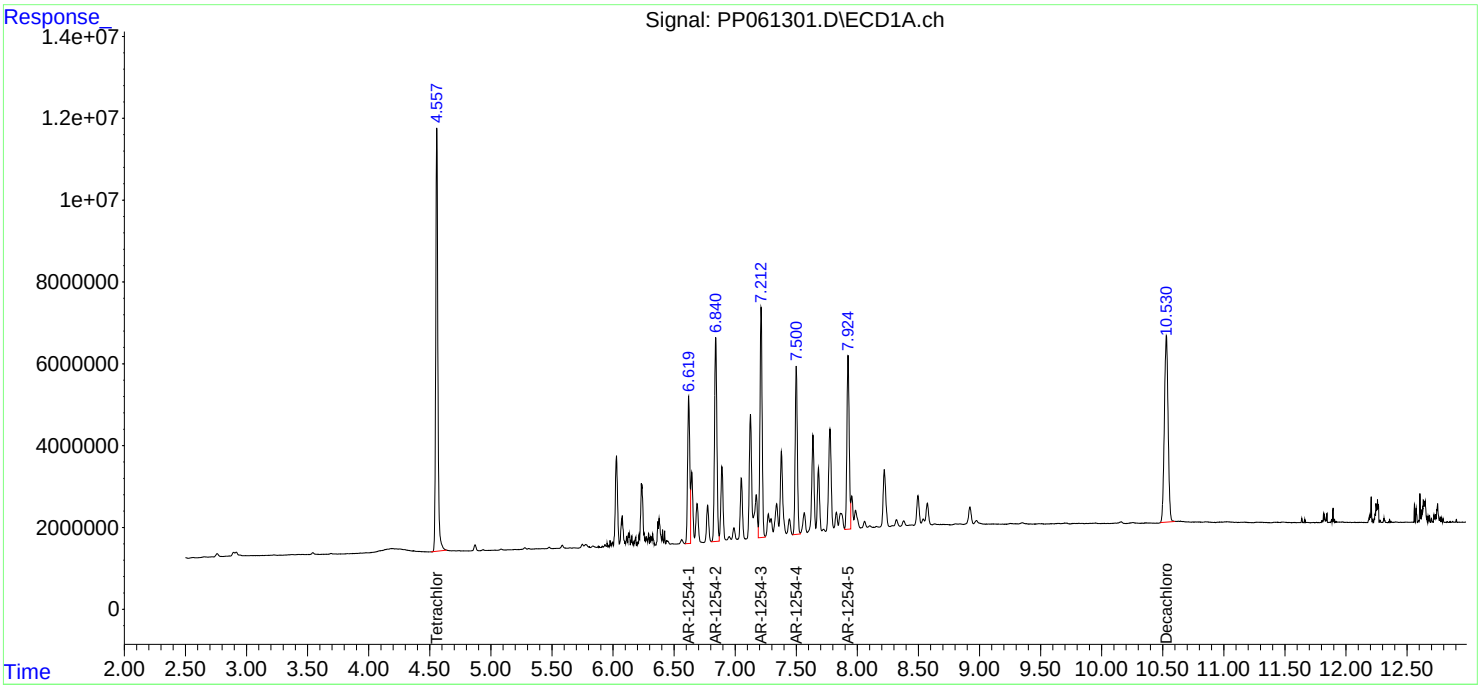
ICAL Form

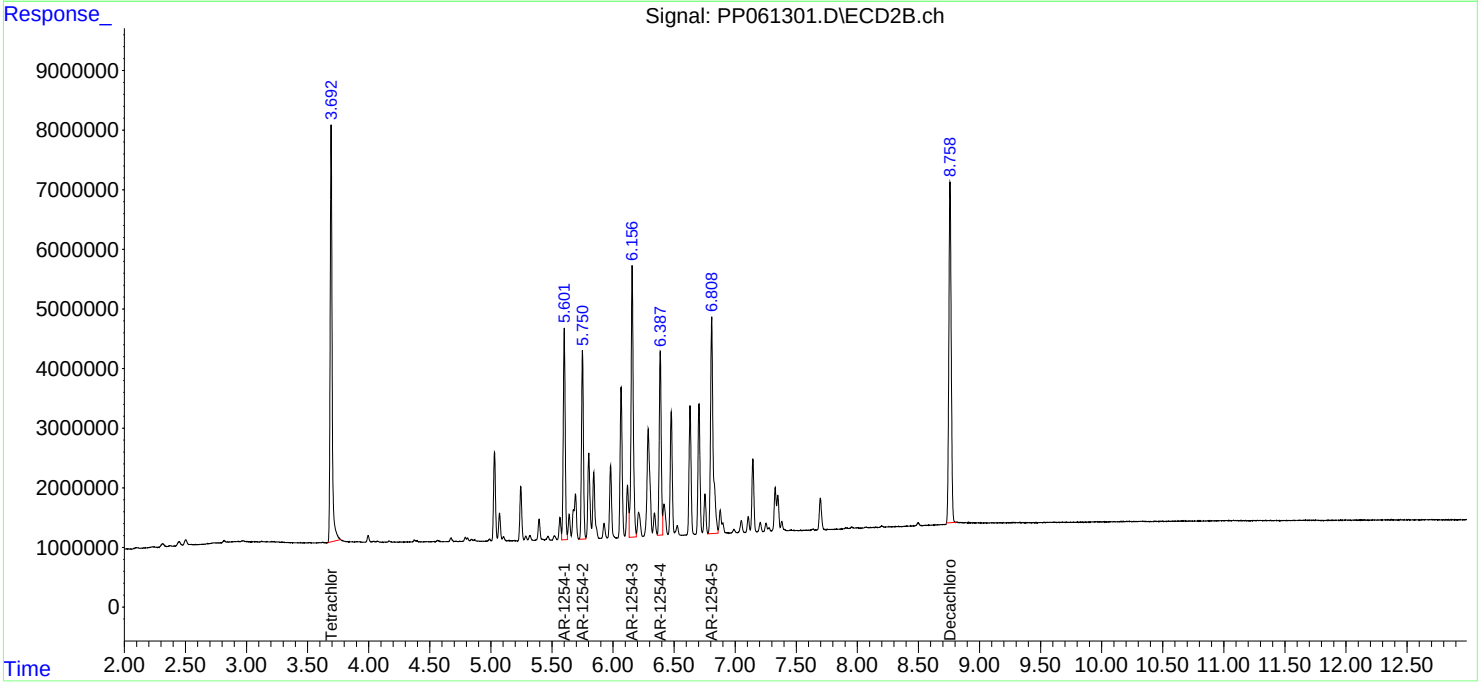
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061301.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:13
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:32:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:30:56 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:30
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:44:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:43:48 2023
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...	4.558	3.693	62951247	40581123	25.028	26.157
2)	SA Decachlor...	10.529	8.760	49833362	40577839	26.190	26.595
	Target Compounds						
26)	L6 AR-1254-1	6.619	5.601	23452853	21135157	266.407	271.357
27)	L6 AR-1254-2	6.841	5.750	35222274	18844095	264.919	273.097
28)	L6 AR-1254-3	7.212	6.157	36425131	30164284	263.754	266.900
29)	L6 AR-1254-4	7.501	6.387	25899407	18443942	260.319	264.838
30)	L6 AR-1254-5	7.924	6.808	28762632	28355447	259.055	264.599

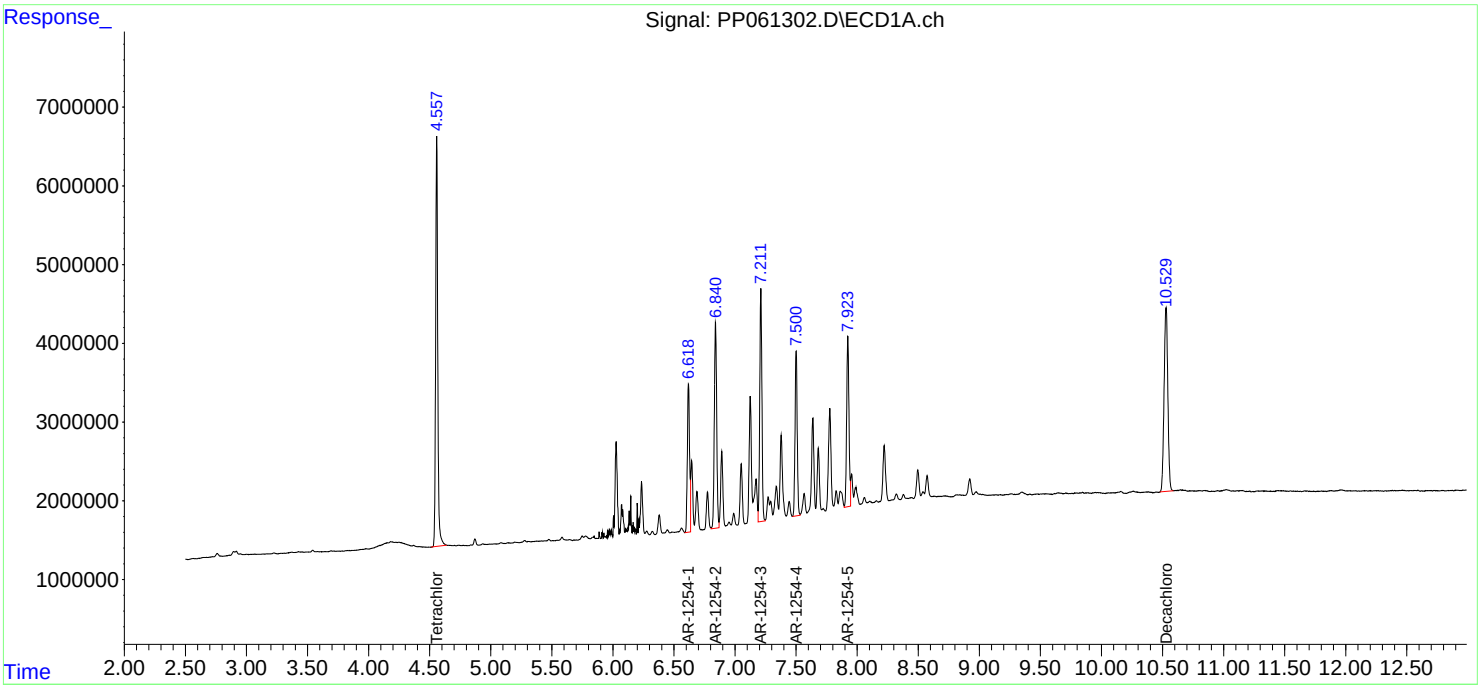
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

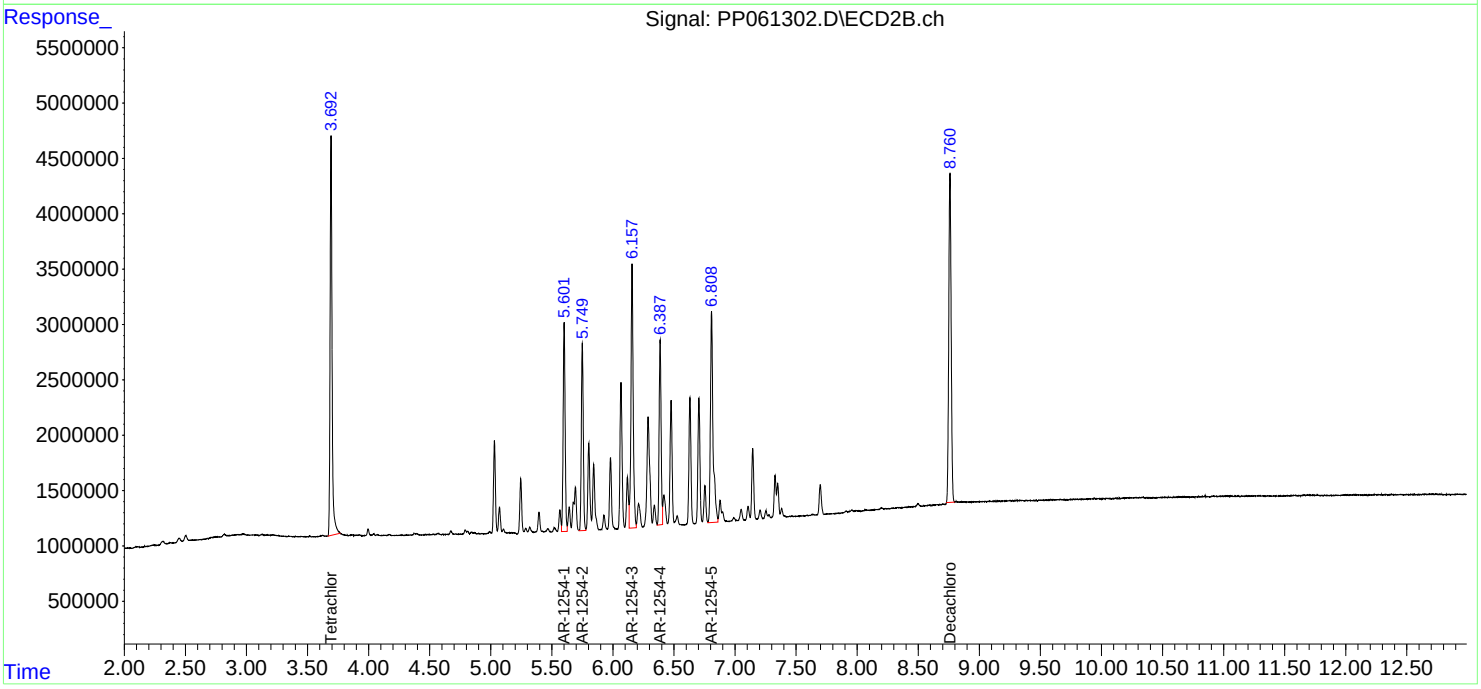
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061302.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:30
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 16:44:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 16:43:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 17:02:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 17:02:01 2023
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...	4.558	3.692	11097758	7418148	4.519	4.824
2)	SA Decachlor...	10.532	8.761	9128002	7835632	4.836	5.108
	Target Compounds						
26)	L6 AR-1254-1	6.621	5.602	4534250	4123440	51.197	52.326
27)	L6 AR-1254-2	6.842	5.751	6753333	3660233	50.633	52.407
28)	L6 AR-1254-3	7.214	6.158	6955207	5758654	50.290	50.760
29)	L6 AR-1254-4	7.502	6.388	4988844	3447127	50.115	49.597
30)	L6 AR-1254-5	7.926	6.809	5307224	5019669	48.225	47.440

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

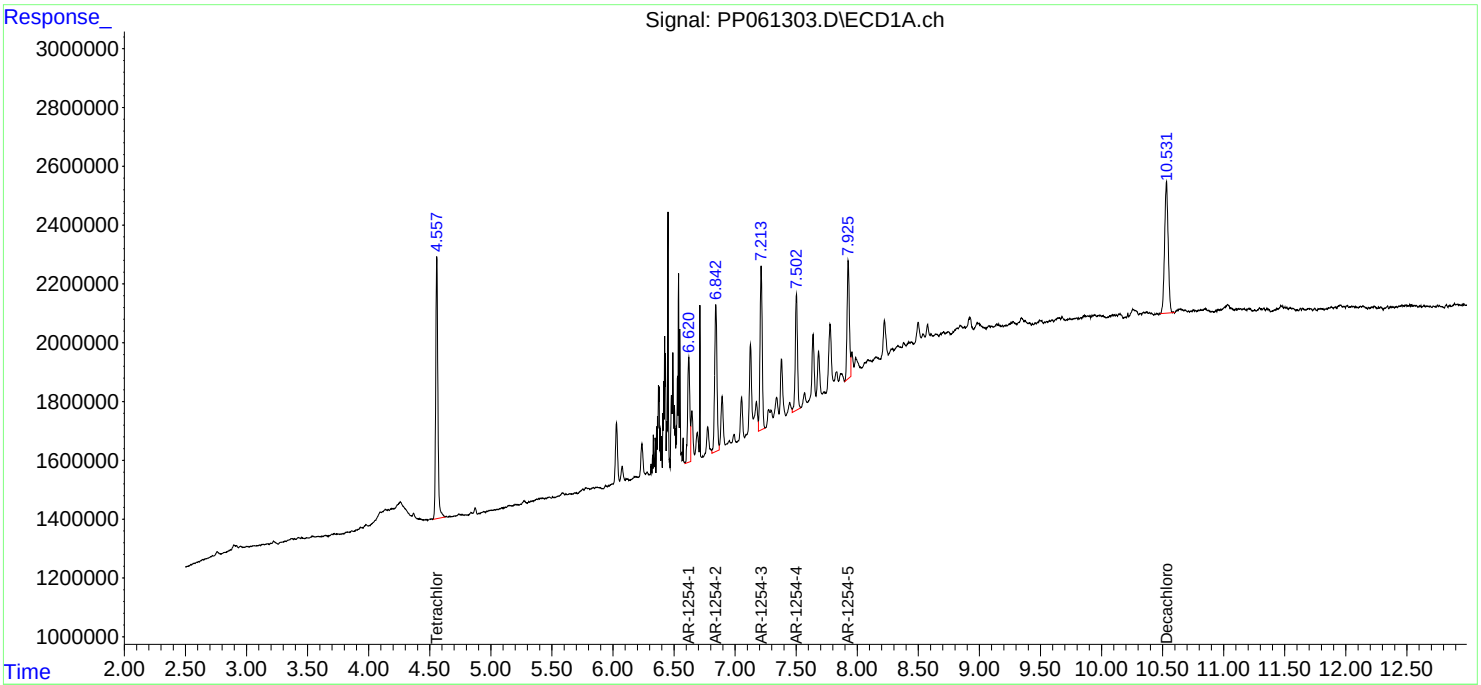
ICAL Form

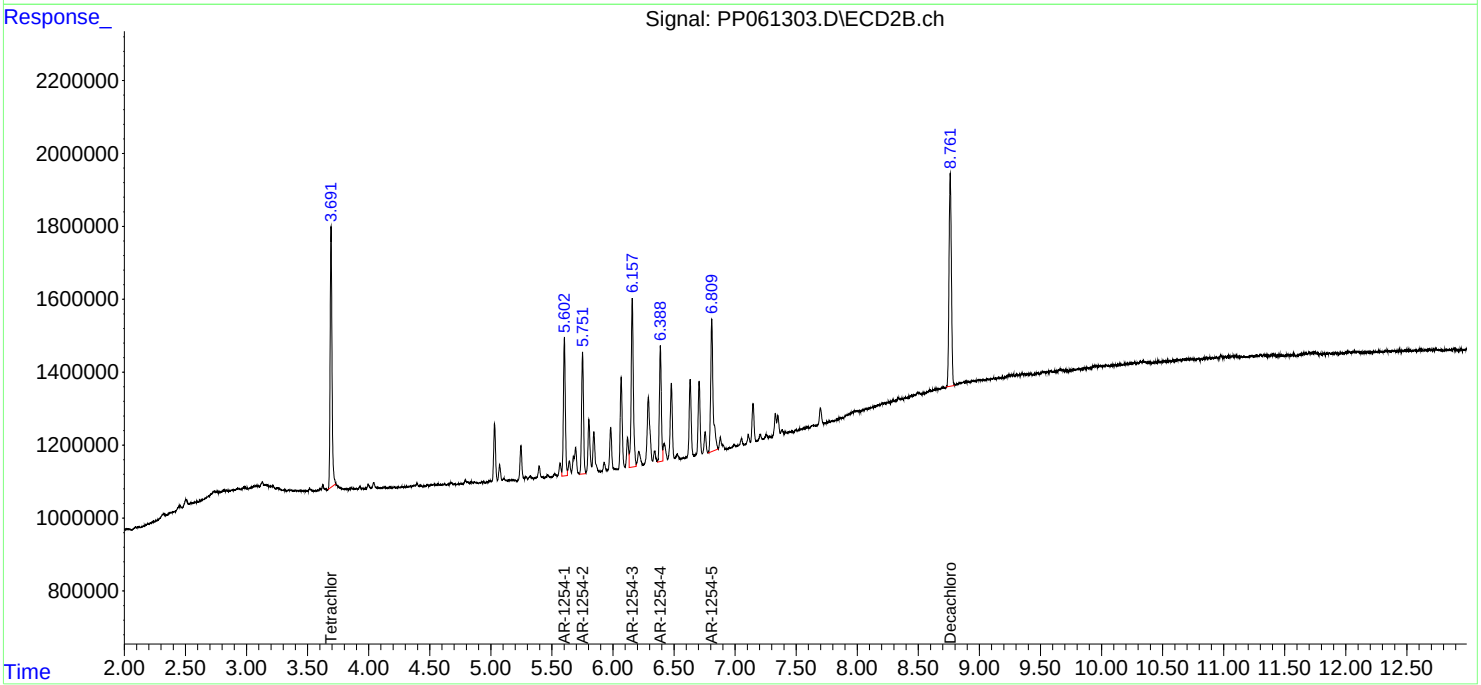
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061303.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 16:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 17:02:12 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 17:02:01 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:02
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 17:27:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 17:26:56 2023
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...	4.558	3.693	125.0E6	77322845	50.000	50.000
2)	SA Decachlor...	10.529	8.761	95638370	76715547	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.002	6.901	66484438	22536262	500.000	500.000
37)	L8 AR-1262-2	8.574	7.108	116.9E6	50048440	500.000	500.000
38)	L8 AR-1262-3	8.907	7.637	79381351	39792284	500.000	500.000
39)	L8 AR-1262-4	9.002	7.701	60236831	72237456	500.000	500.000
40)	L8 AR-1262-5	9.710	8.201	40652913	34560900	500.000	500.000

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

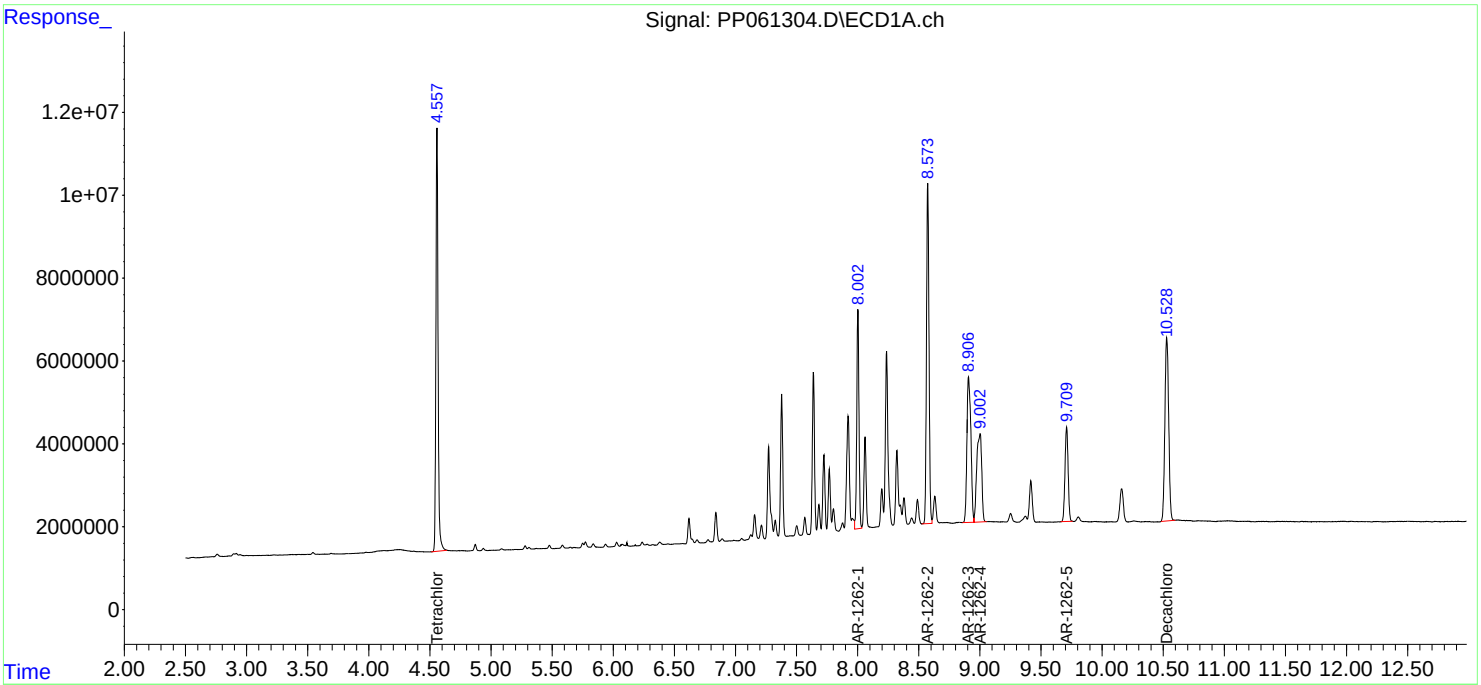
ICAL Form

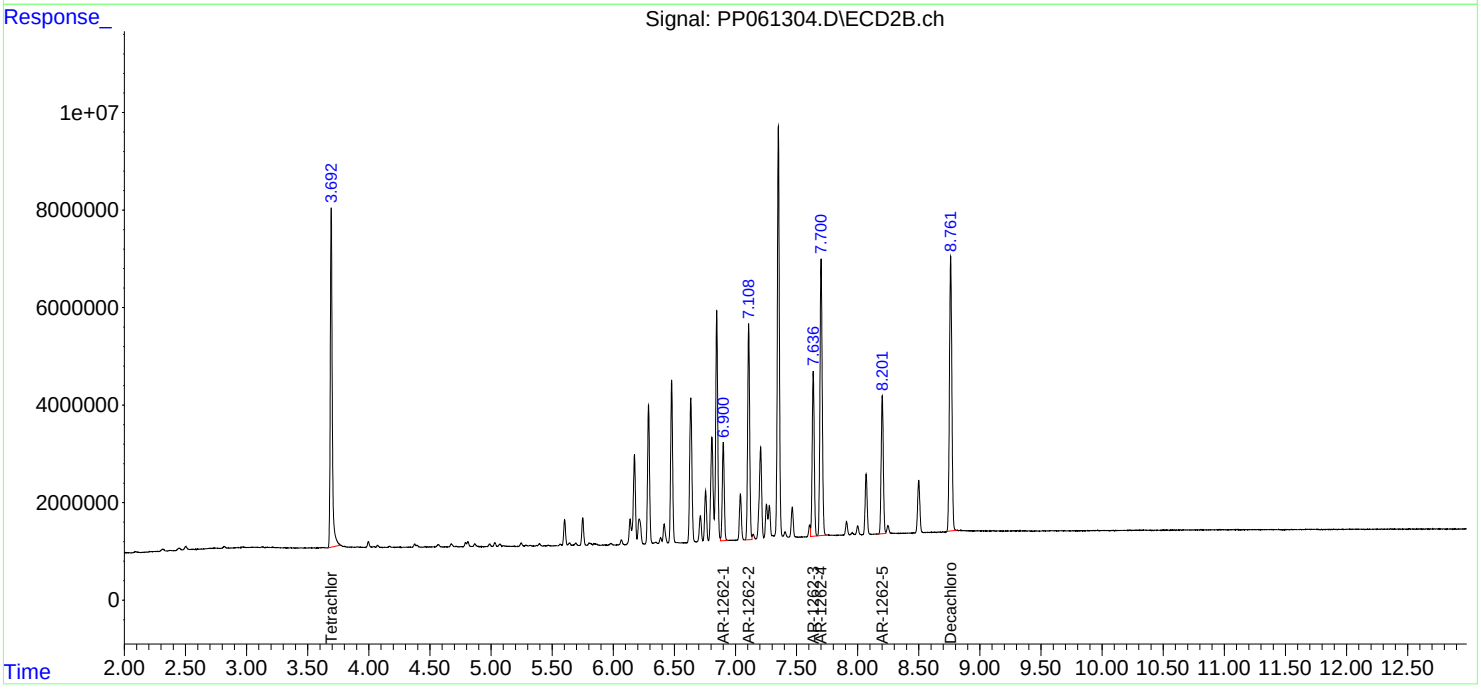
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:02
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 17:27:14 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 17:26:56 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:19
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:11:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:08:53 2023
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...	4.556	3.691	259.4E6	154.5E6	100.083	98.226
2)	SA Decachlor...	10.527	8.759	329.3E6	258.7E6	97.693	97.305
	Target Compounds						
41)	L9 AR-1268-1	8.903	7.635	279.2E6	226.1E6	980.947	974.150
42)	L9 AR-1268-2	9.004	7.700	252.3E6	205.7E6	980.763	981.107
43)	L9 AR-1268-3	9.249	7.908	219.5E6	178.8E6	979.353	979.865
44)	L9 AR-1268-4	9.706	8.200	90772553	75061045	980.150	972.318
45)	L9 AR-1268-5	10.155	8.497	706.2E6	566.1E6	992.829	986.662

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

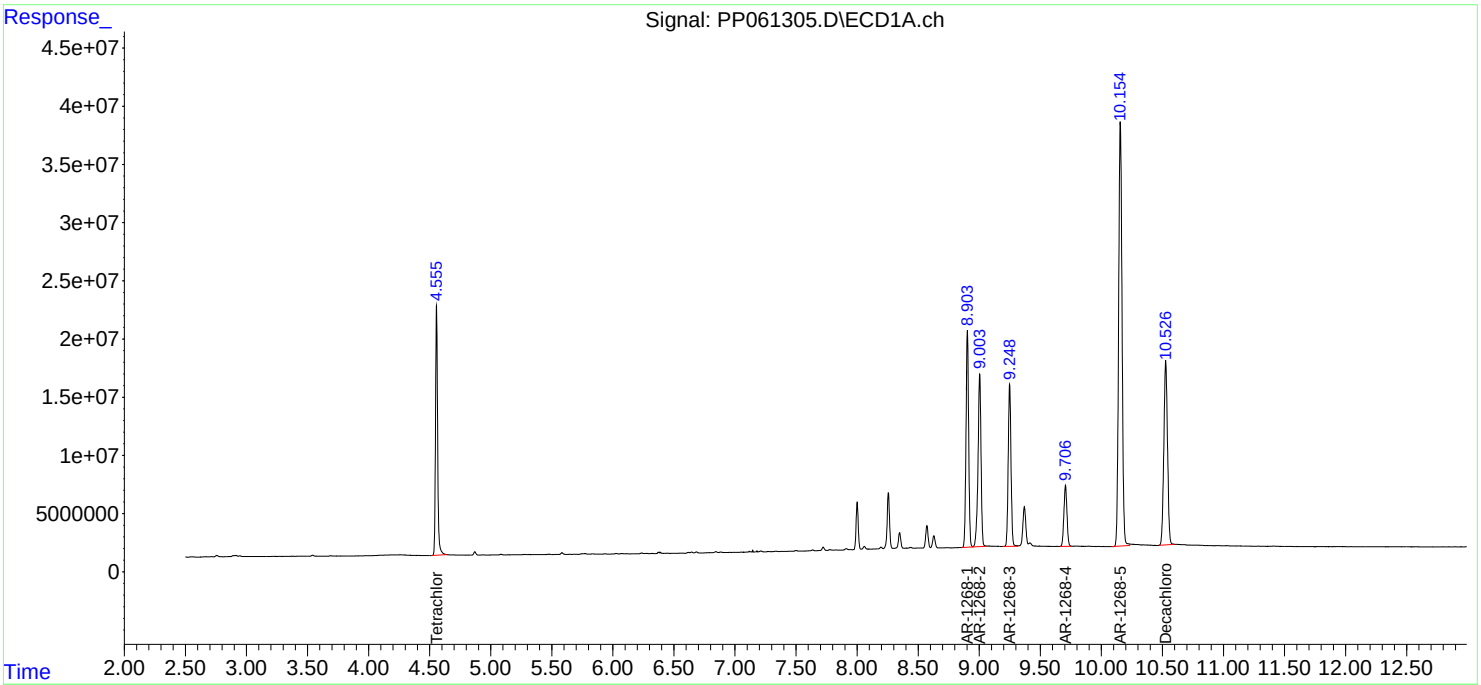
ICAL Form

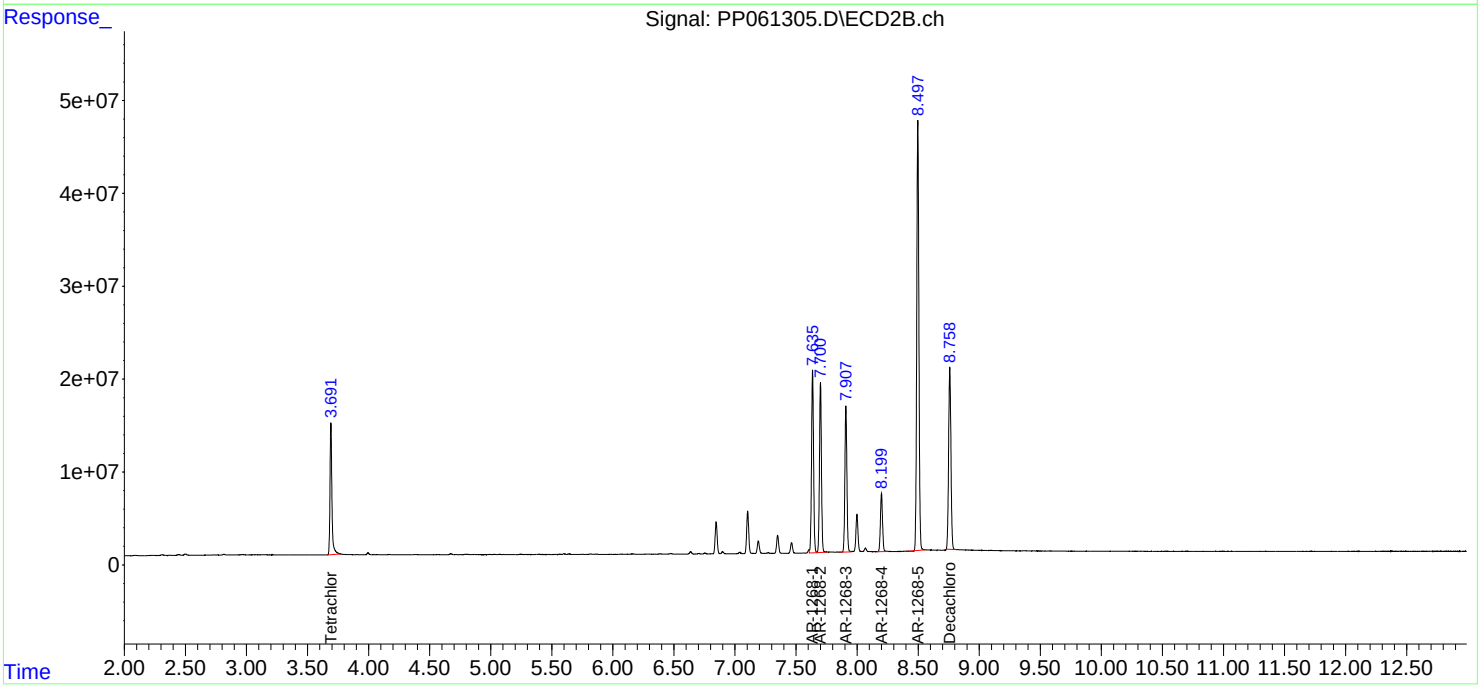
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061305.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:19
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:11:36 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:08:53 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:35
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:14:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:08:53 2023
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...	4.557	3.692	194.7E6	117.7E6	75.084	74.871
2)	SA Decachlor...	10.529	8.759	254.4E6	200.2E6	75.315	75.192
	Target Compounds						
41)	L9 AR-1268-1	8.904	7.636	215.2E6	173.3E6	753.958	747.939
42)	L9 AR-1268-2	9.004	7.700	195.3E6	158.4E6	756.126	753.611
43)	L9 AR-1268-3	9.249	7.908	168.1E6	137.4E6	750.032	751.776
44)	L9 AR-1268-4	9.706	8.199	71069400	58717142	761.510	757.036
45)	L9 AR-1268-5	10.157	8.498	539.5E6	437.6E6	755.599	758.421

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

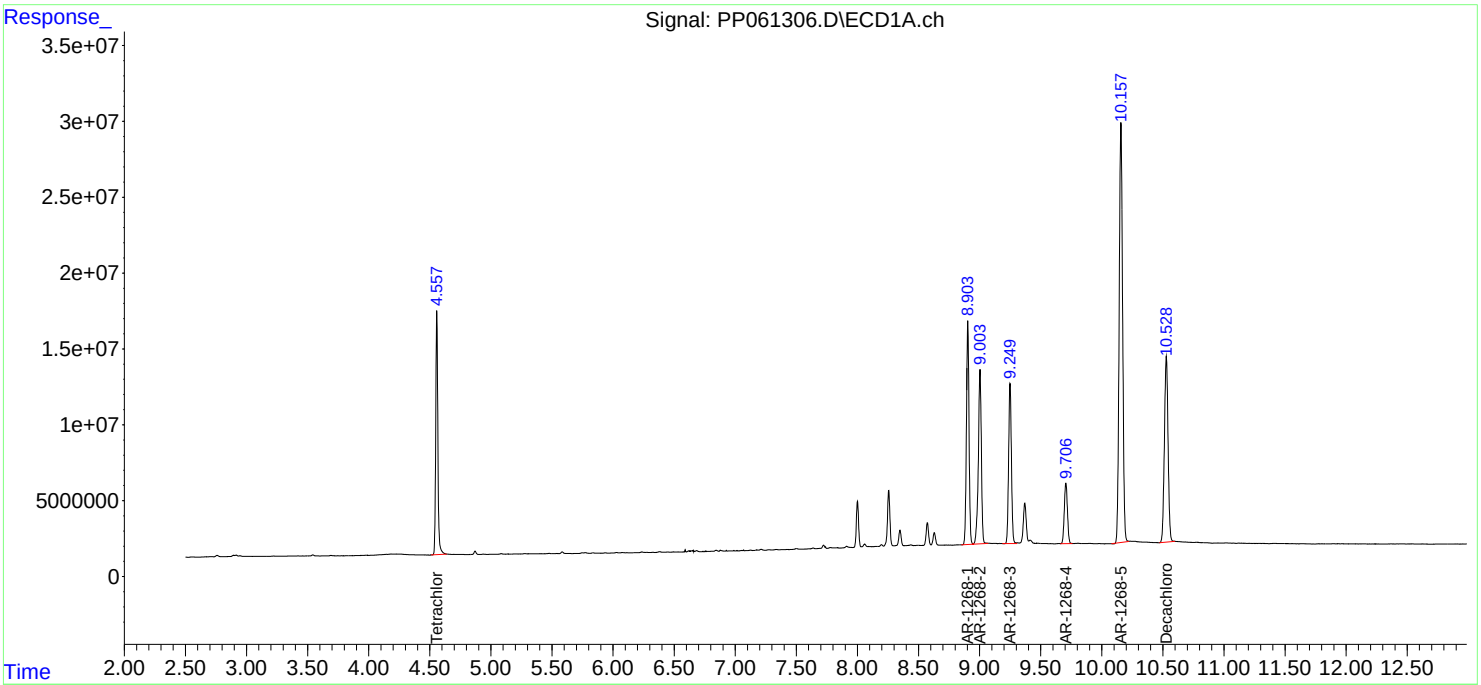
ICAL Form

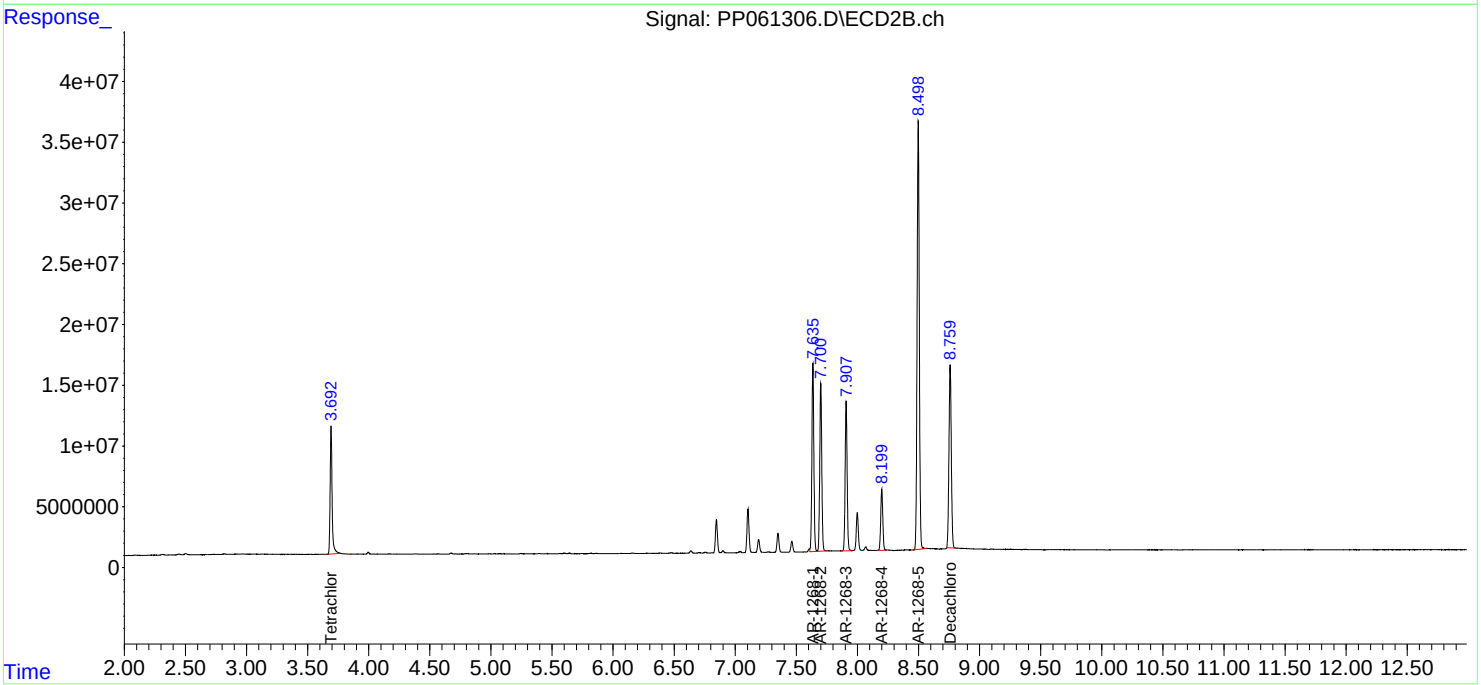
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061306.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:35
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:14:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:08:53 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:51
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:09:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:08:53 2023
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...	4.558	3.692	129.5E6	80050616	50.000	50.000
2)	SA Decachlor...	10.528	8.760	172.4E6	136.5E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.903	7.636	145.0E6	119.0E6	500.000	500.000
42)	L9 AR-1268-2	9.005	7.701	131.1E6	106.8E6	500.000	500.000
43)	L9 AR-1268-3	9.250	7.909	114.4E6	93084144	500.000	500.000
44)	L9 AR-1268-4	9.707	8.200	47224619	39667555	500.000	500.000
45)	L9 AR-1268-5	10.158	8.499	358.2E6	290.7E6	500.000	500.000

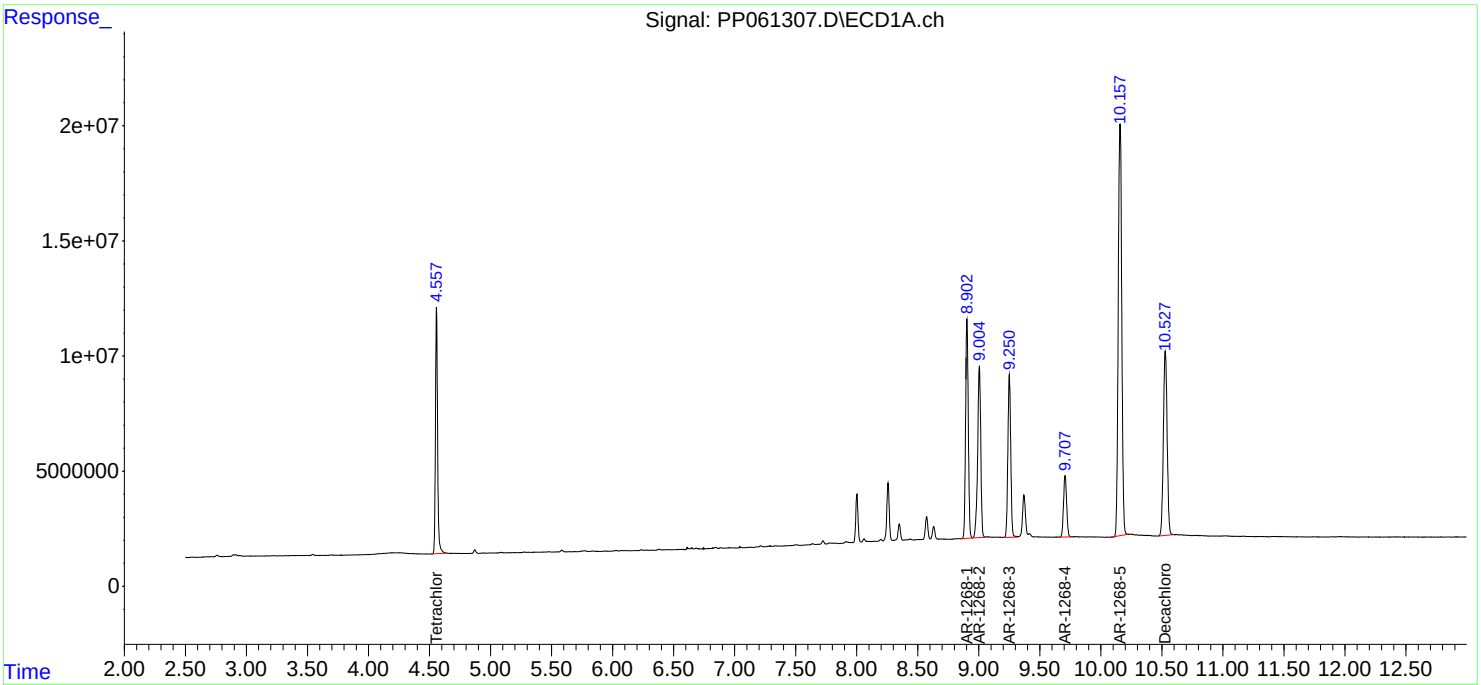
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

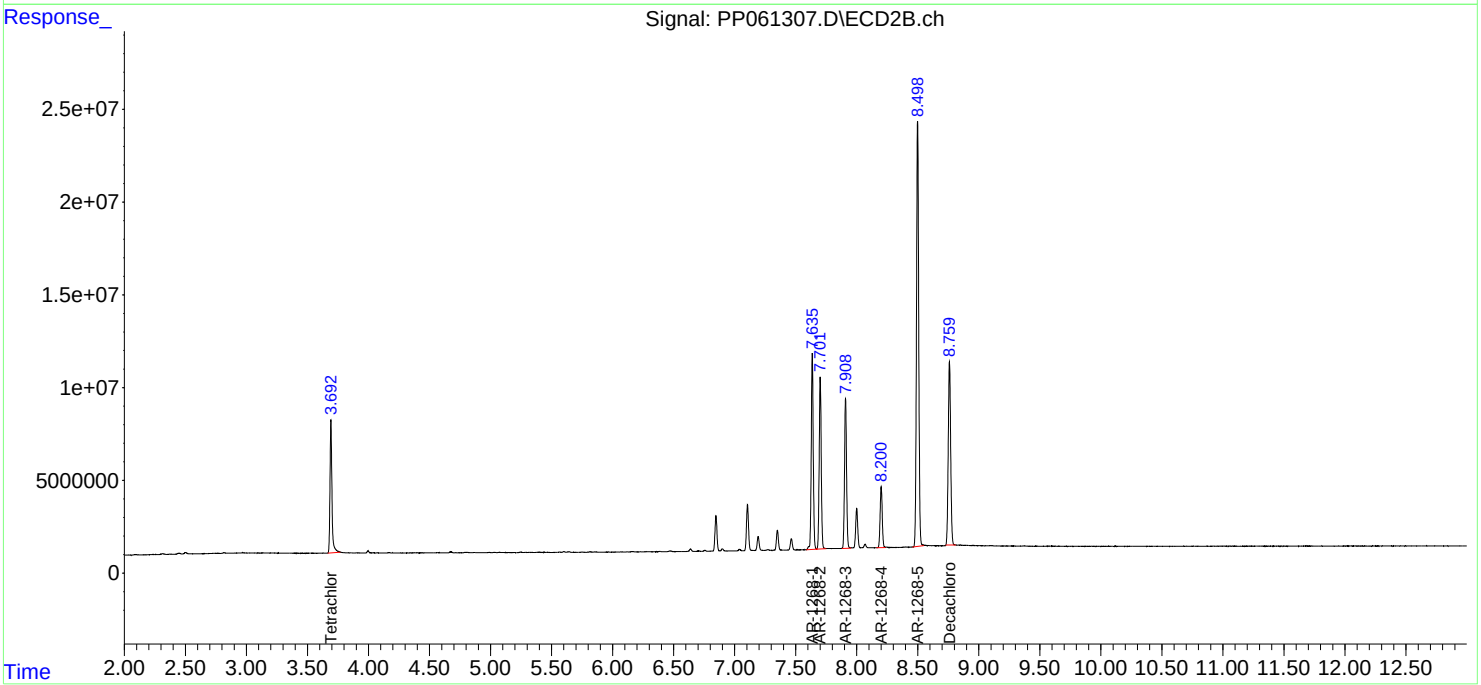
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061307.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 17:51
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:09:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:08:53 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:22:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:21:51 2023
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...	4.557	3.691	64245594	41639289	24.828	26.103
2)	SA Decachlor...	10.524	8.757	88210383	69286719	25.828	25.632
	Target Compounds						
41)	L9 AR-1268-1	8.901	7.633	76260391	60249876	262.697	257.404
42)	L9 AR-1268-2	9.002	7.698	67117506	54114791	257.322	255.604
43)	L9 AR-1268-3	9.248	7.906	64178462	47445000	276.285	257.186
44)	L9 AR-1268-4	9.705	8.197	23768372	20368188	253.492	259.337
45)	L9 AR-1268-5	10.156	8.495	179.5E6	145.6E6	251.046	251.764

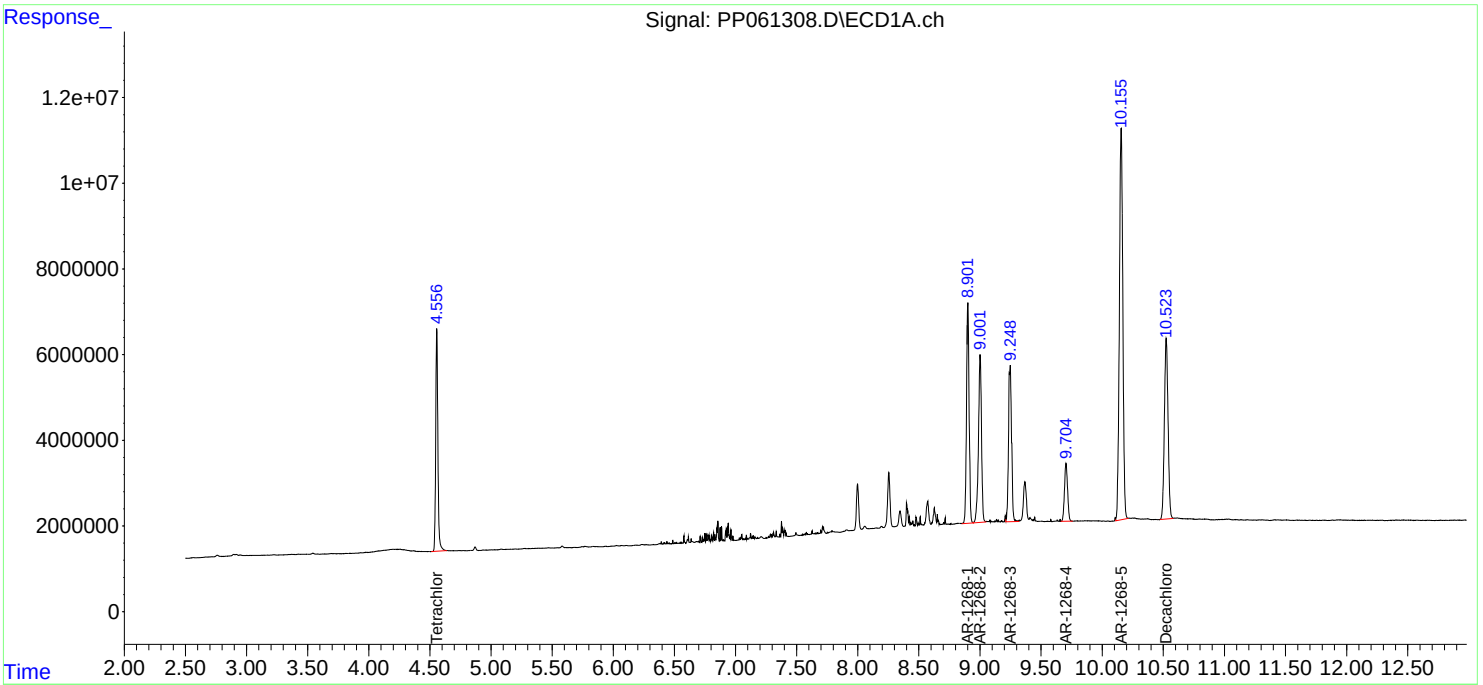
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

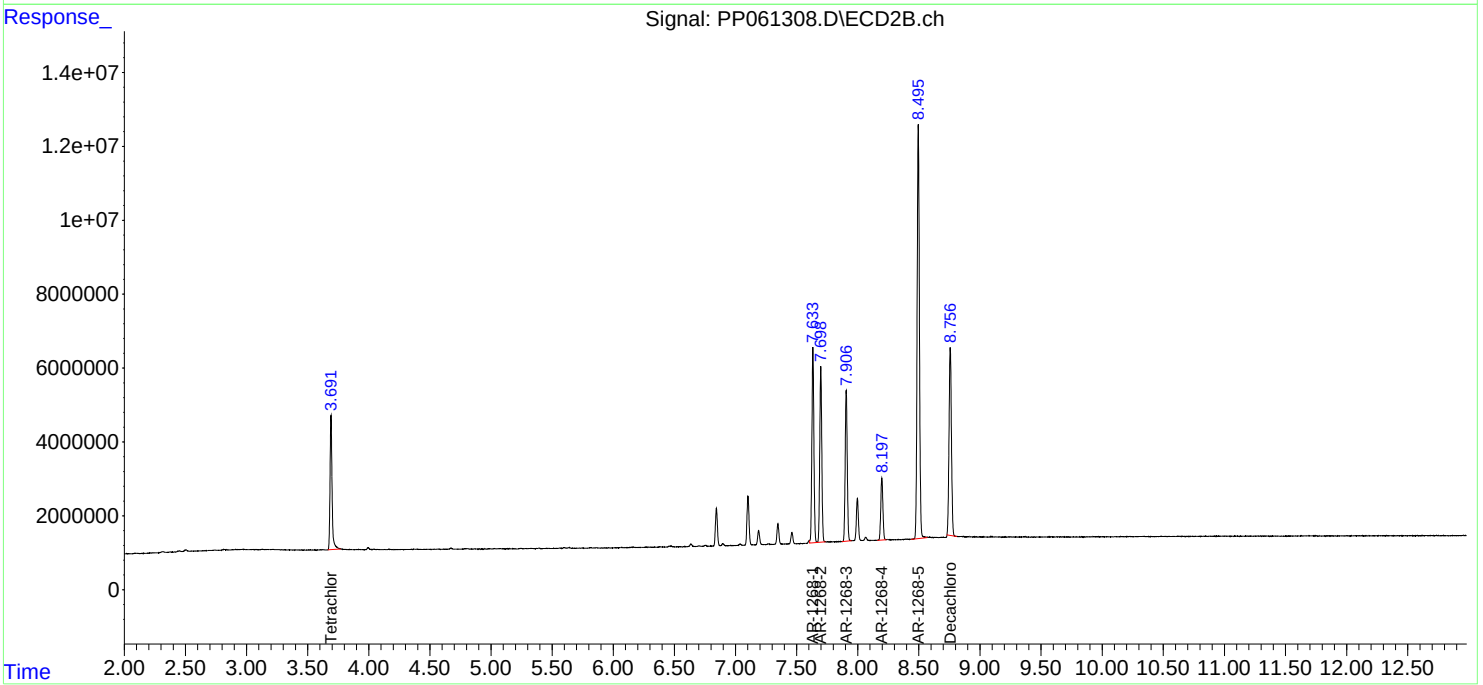
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061308.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:22:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:21:51 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:37:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:37:45 2023
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...	4.557	3.691	11125877	7610766	4.424	4.815
2)	SA Decachlor...	10.526	8.758	15991937	13567896	4.743	5.035
	Target Compounds						
41)	L9 AR-1268-1	8.902	7.635	13533919	11397233	47.260	48.948
42)	L9 AR-1268-2	9.001	7.700	13211567	10122955	50.520	48.236
43)	L9 AR-1268-3	9.249	7.908	10468811	9039150	45.975	49.196
44)	L9 AR-1268-4	9.705	8.199	3878755	3616994	42.847	46.792
45)	L9 AR-1268-5	10.155	8.497	31302951	26161370	44.900	46.116

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

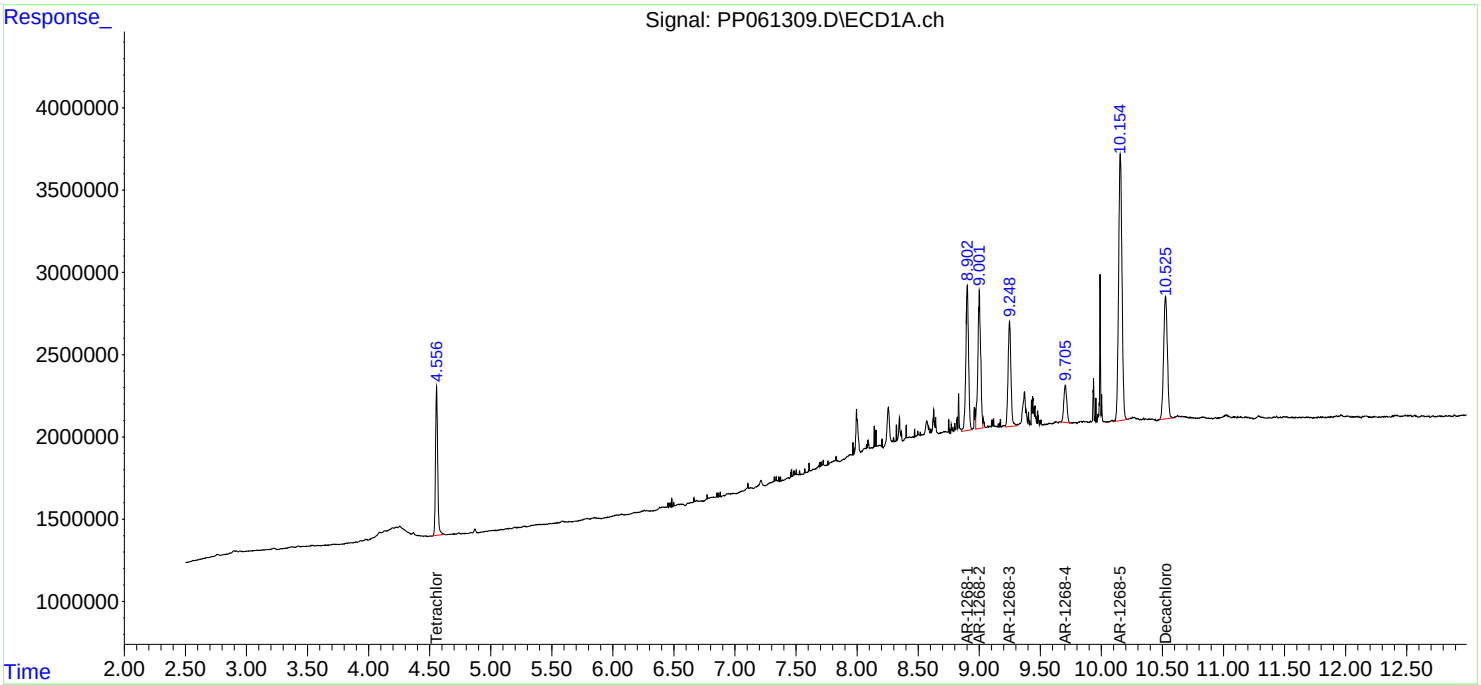
ICAL Form

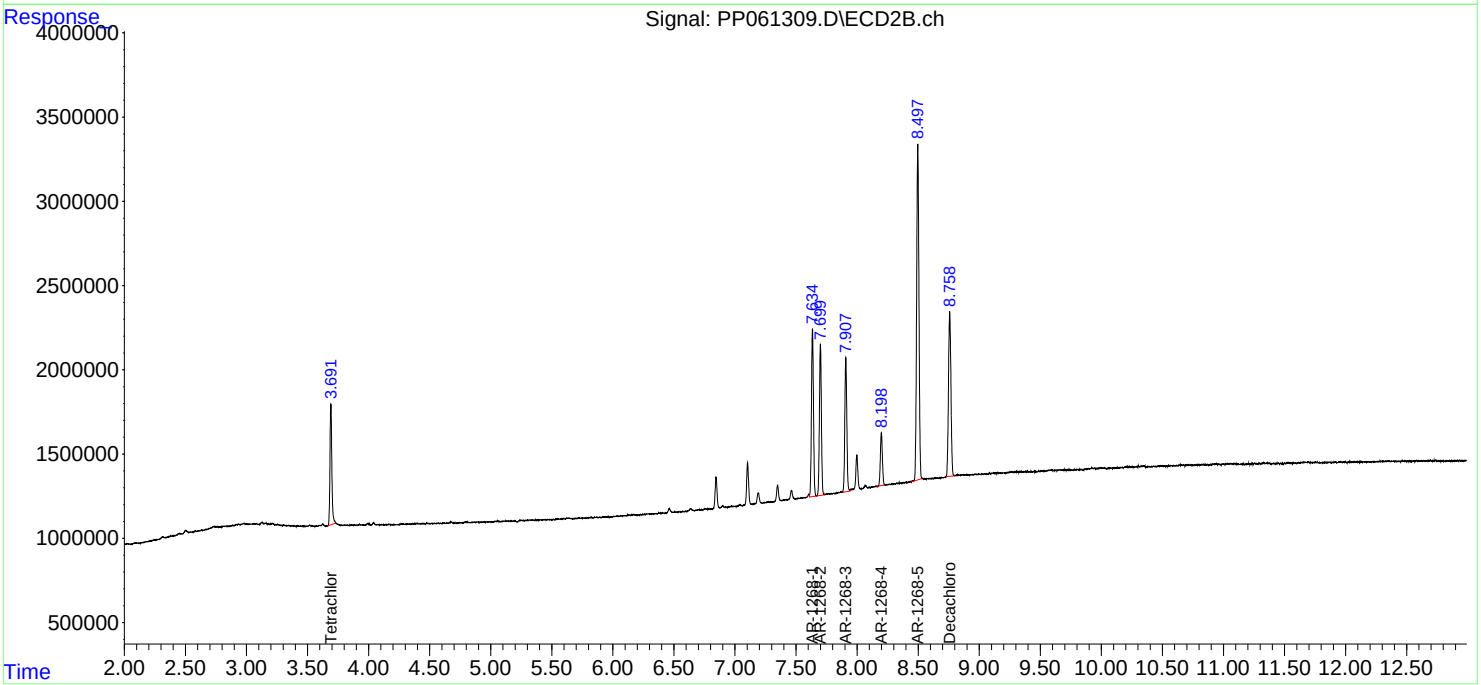
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061309.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:37:55 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:37:45 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061310.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:41
Operator : YP\AJ
Sample : PP102723ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:56:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.558	3.692	129.3E6	76983535	52.350	51.512
2)	SA Decachlor...	10.527	8.759	98698820	78592662	52.341	51.177
	Target Compounds						
3)	L1 AR-1016-1	5.750	4.792	42232001	26886019	518.957	519.492
4)	L1 AR-1016-2	5.773	4.810	60089797	36317135	516.740	513.496
5)	L1 AR-1016-3	5.836	4.988	36810129	20453894	520.530	518.454
6)	L1 AR-1016-4	5.937	5.031	30538564	16409535	523.176	521.658
7)	L1 AR-1016-5	6.237	5.246	30527692	21646927	531.752	514.933
31)	L7 AR-1260-1	7.378	6.288	56839002	42017735	505.264	516.415
32)	L7 AR-1260-2	7.637	6.477	65728926	50294510	508.066	515.680
33)	L7 AR-1260-3	8.001	6.632	44385913	48129198	522.613	520.041
34)	L7 AR-1260-4	8.234	7.107	53456909	38262885	528.858	521.831
35)	L7 AR-1260-5	8.572	7.350	102.7E6	88283991	530.455	517.002

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

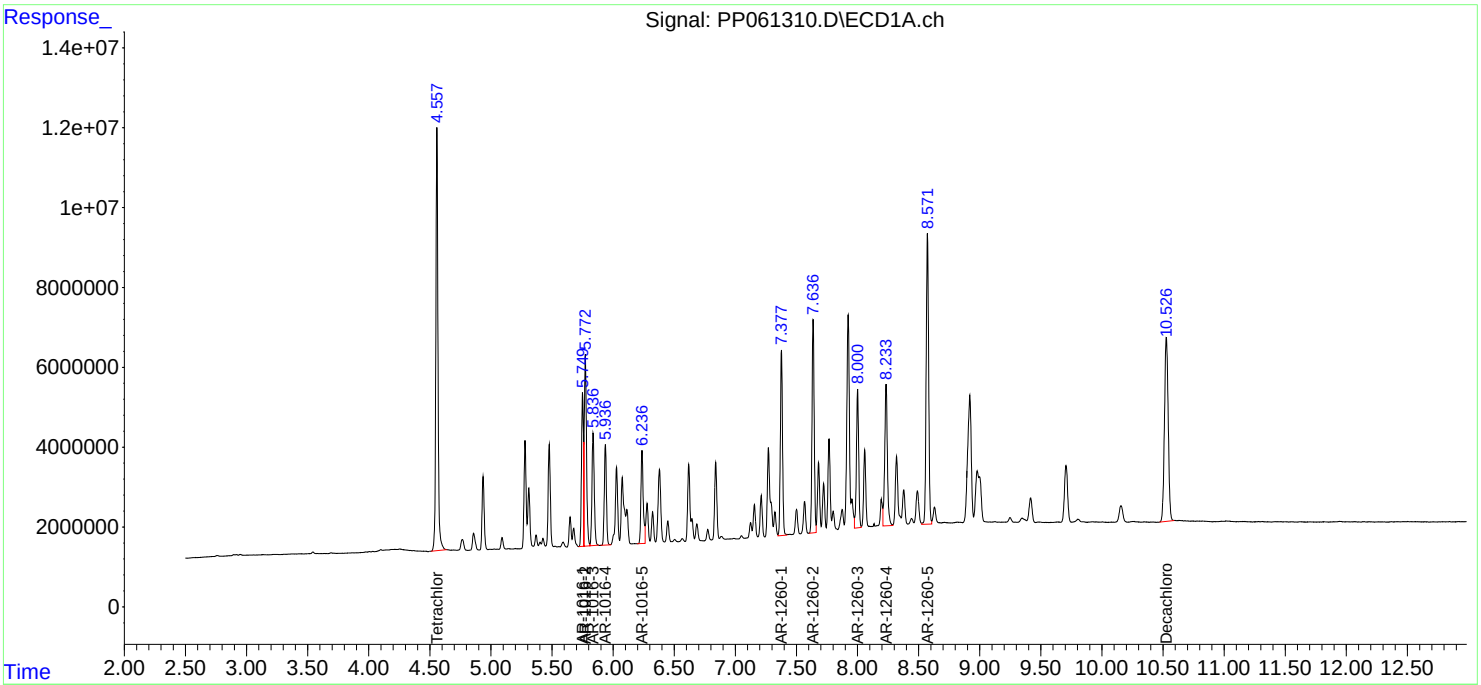
ICAL Form

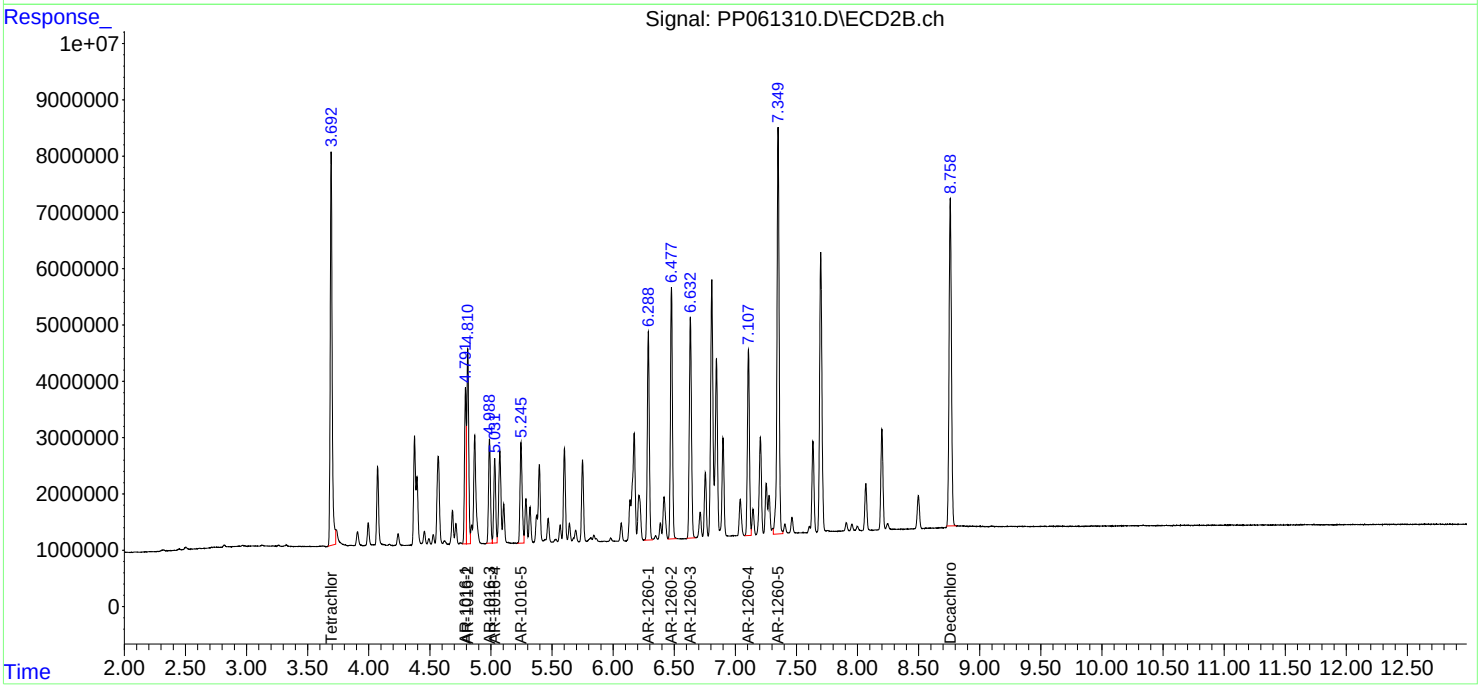
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061310.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:41
Operator : YP\AJ
Sample : PP102723ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:56:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:57
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 19:10:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.558	3.692	130.2E6	80592371	52.691	53.926
2)	SA Decachlor...	10.525	8.758	99221870	78699750	52.618	51.247
	Target Compounds						
16)	L4 AR-1242-1	5.749	4.791	34128741	21324684	521.716	504.349
17)	L4 AR-1242-2	5.773	4.810	47808498	29150472	515.911	512.757
18)	L4 AR-1242-3	5.835	4.988	29388916	16507832	514.899	514.347
19)	L4 AR-1242-4	5.937	5.072	23987222	16640800	493.428	517.399
20)	L4 AR-1242-5	6.684	5.600	25133067	20670548	485.890	520.738

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

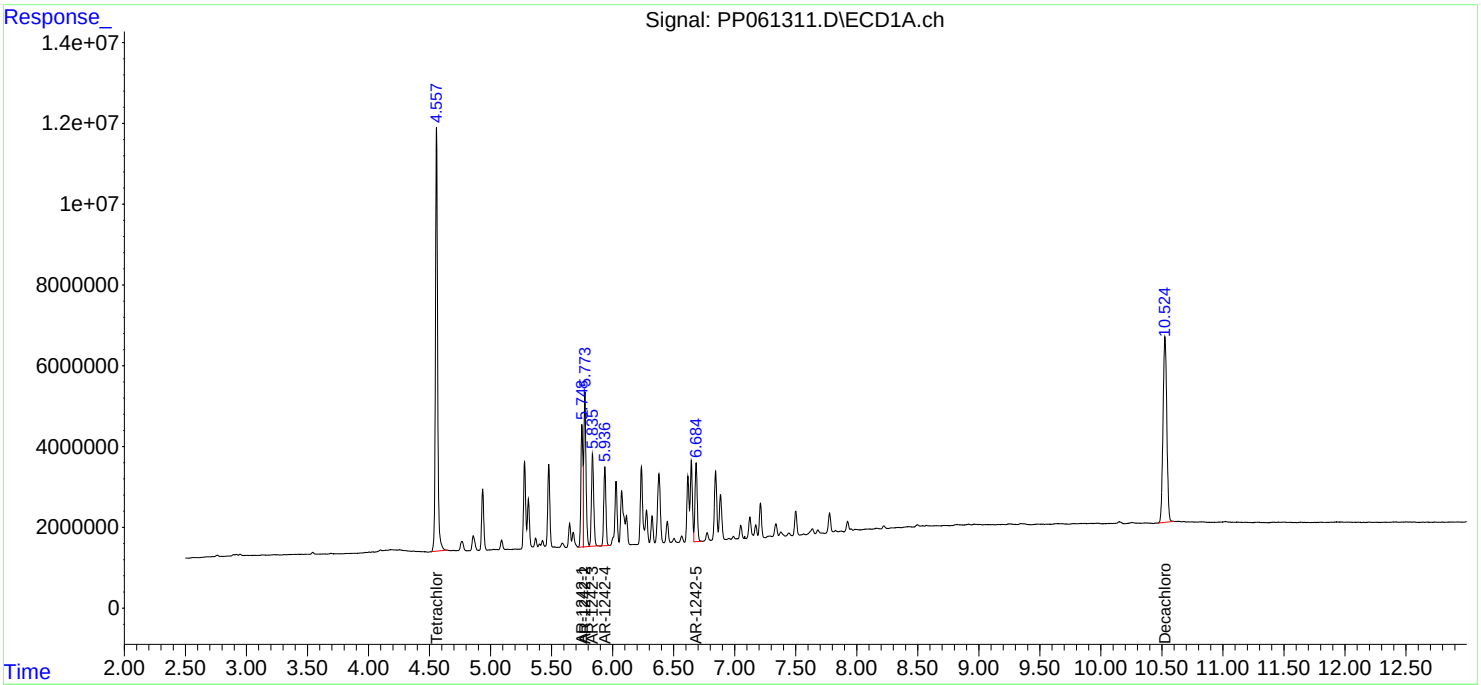
ICAL Form

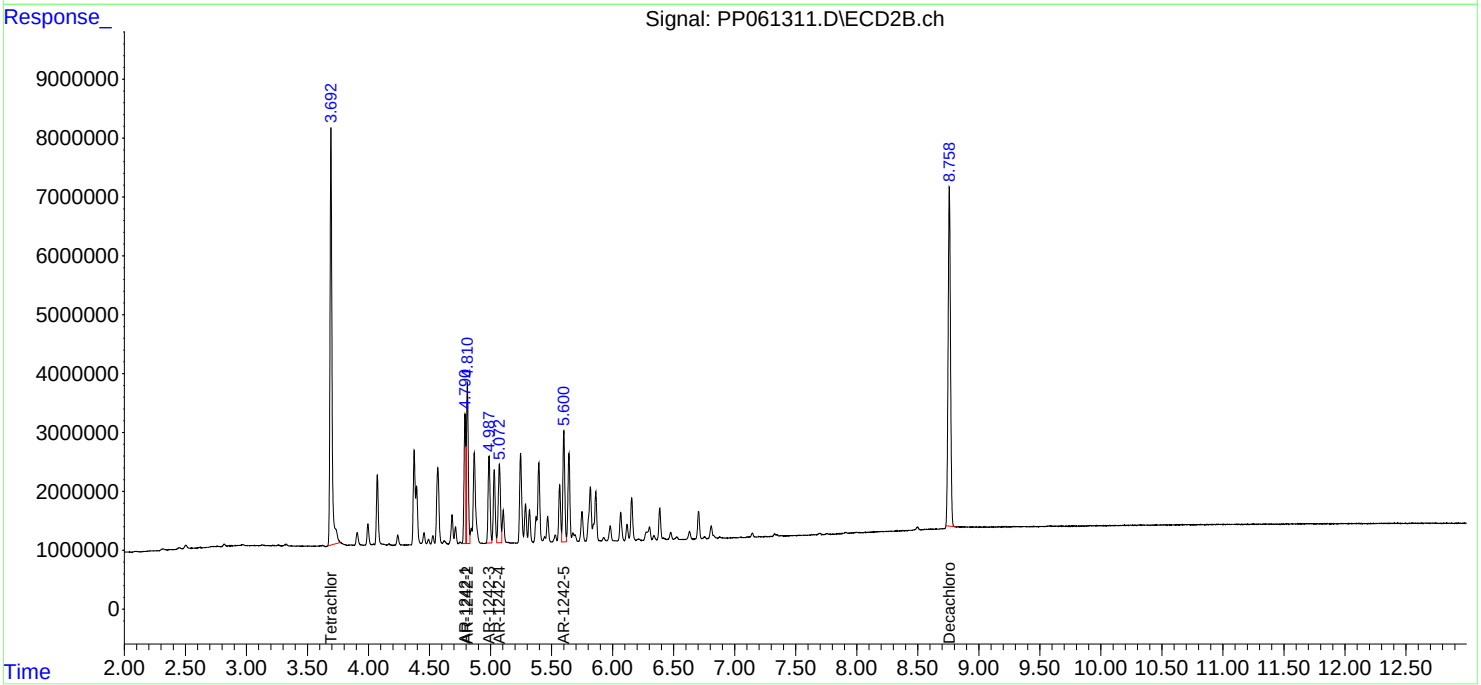
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061311.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 18:57
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 19:10:03 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 19:14
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 23:21:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.556	3.691	130.4E6	80576720	52.775	53.916
2)	SA Decachlor...	10.523	8.756	99672001	78176026	52.857	50.906
	Target Compounds						
21)	L5 AR-1248-1	5.747	4.789	26907303	16108765	551.374	518.351
22)	L5 AR-1248-2	6.027	5.029	37469678	22479151	497.219	515.334
23)	L5 AR-1248-3	6.235	5.071	41044513	23925317	492.156	514.789
24)	L5 AR-1248-4	6.644	5.244	45417486	28666785	515.217	514.453
25)	L5 AR-1248-5	6.683	5.641	43466650	27380222	512.617	526.219

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

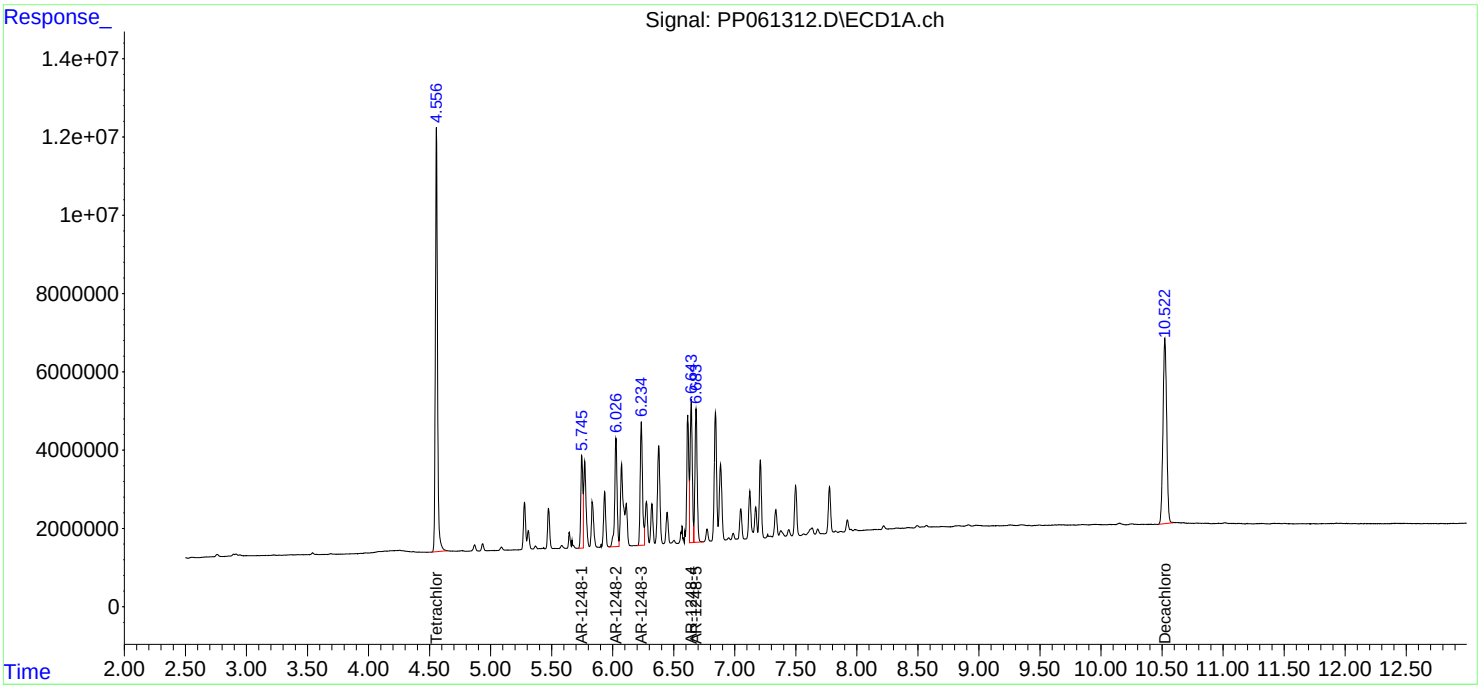
ICAL Form

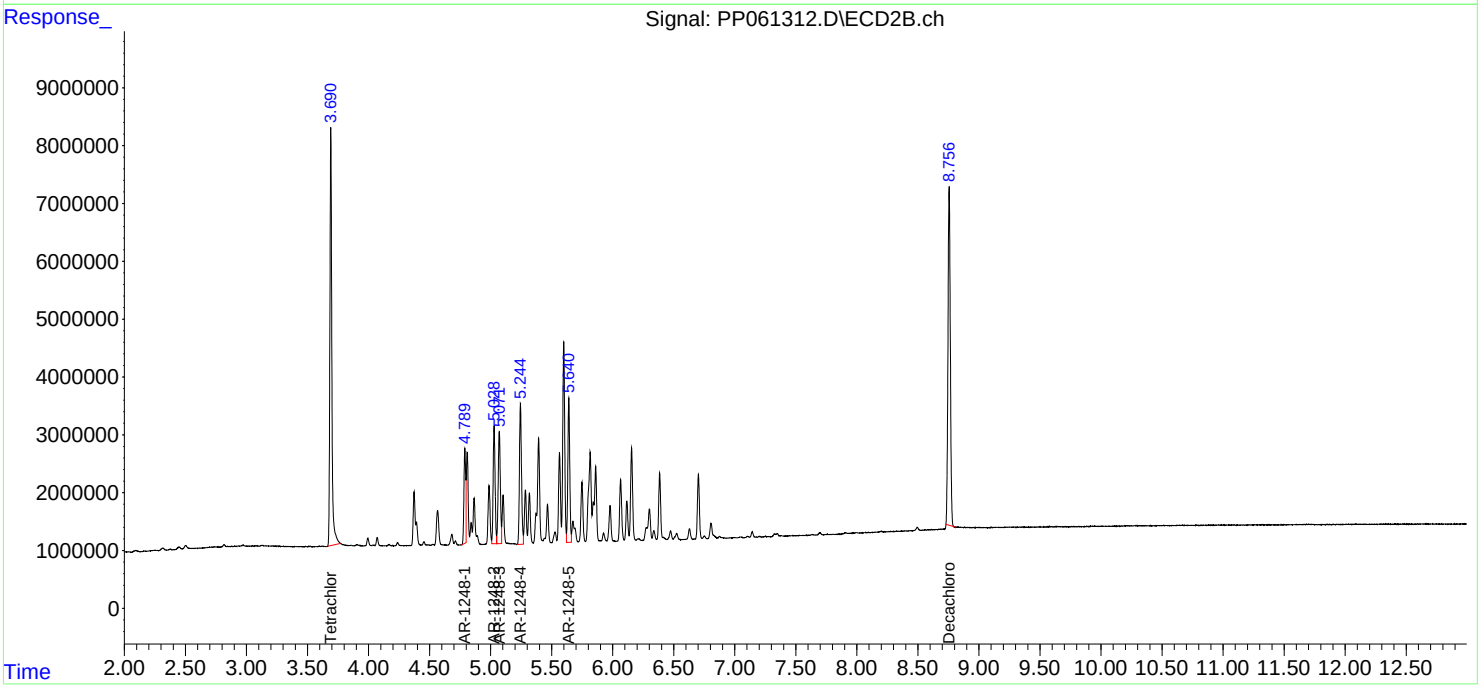
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 19:14
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 23:21:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 19:30
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 23:25:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.556	3.691	128.1E6	79442023	51.840	53.157
2)	SA Decachlor...	10.522	8.756	98312984	76736076	52.136	49.968
	Target Compounds						
26)	L6 AR-1254-1	6.615	5.599	48259836	40296842	544.914	511.360
27)	L6 AR-1254-2	6.837	5.748	77280038	35770861	579.410	512.167
28)	L6 AR-1254-3	7.209	6.155	74144234	58600900	536.100	516.543
29)	L6 AR-1254-4	7.498	6.385	51381325	36186692	516.145	520.653
30)	L6 AR-1254-5	7.922	6.805	57355148	55617330	521.163	525.635

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

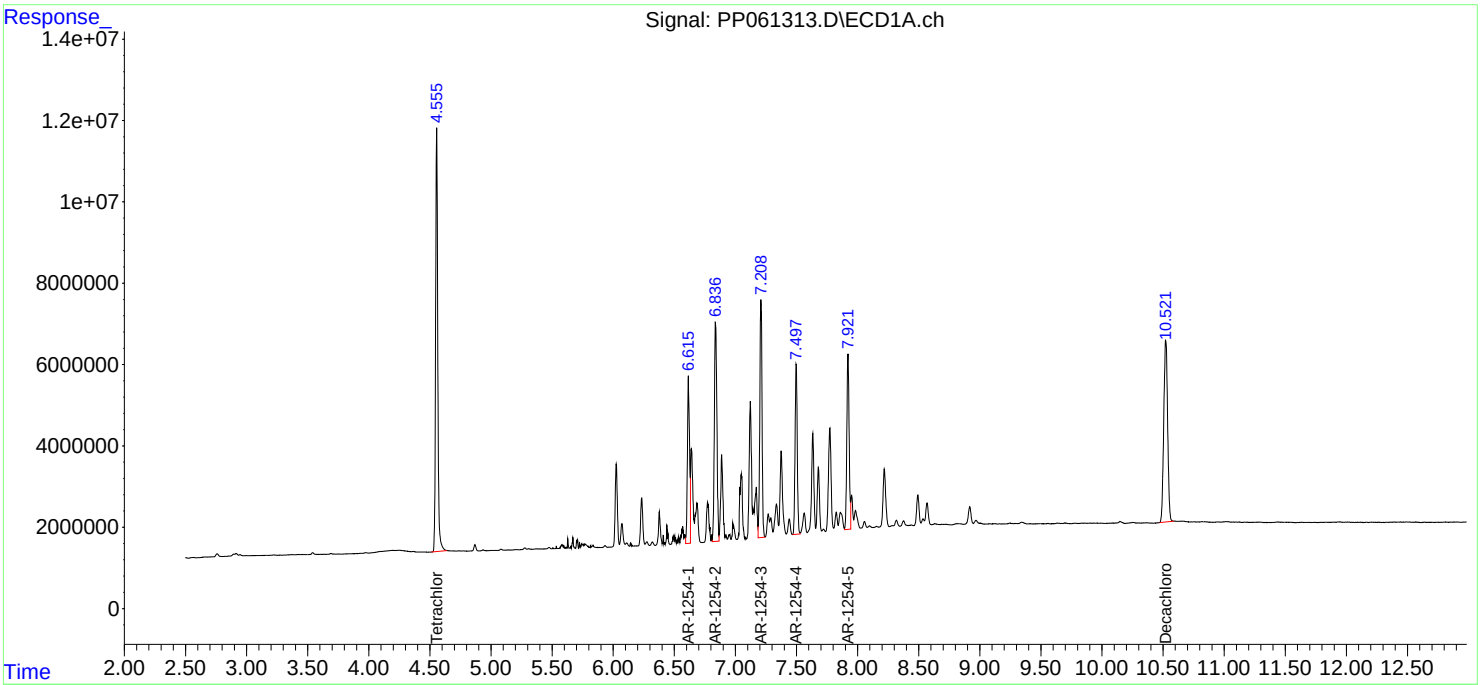
ICAL Form

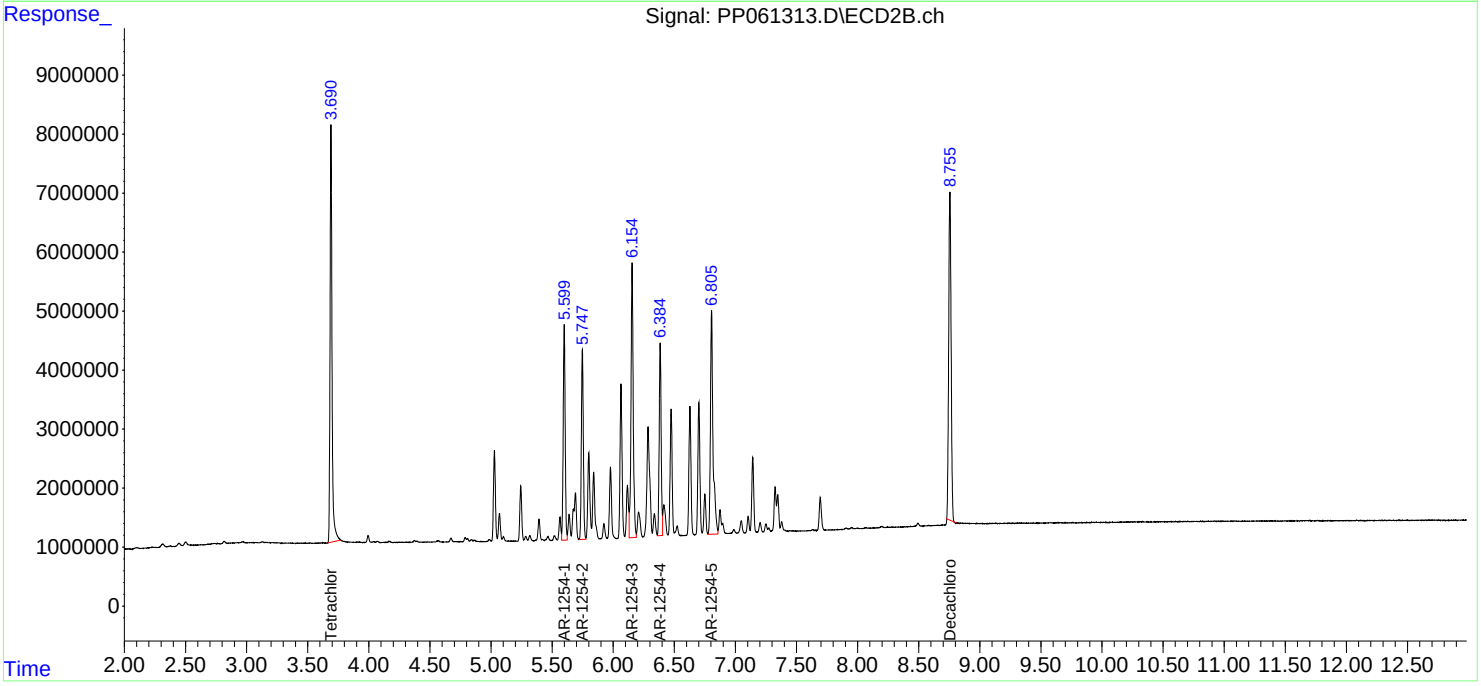
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 19:30
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 23:25:58 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 19:46
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 23:27:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.556	3.691	131.9E6	81755095	53.409	54.704
2)	SA Decachlor...	10.522	8.755	173.9E6	134.0E6	92.226	87.270
	Target Compounds						
41)	L9 AR-1268-1	8.900	7.632	146.7E6	119.0E6	512.186	511.041
42)	L9 AR-1268-2	9.001	7.698	132.9E6	107.4E6	508.123	511.577
43)	L9 AR-1268-3	9.246	7.905	115.6E6	94221763	507.547	512.803
44)	L9 AR-1268-4	9.701	8.196	47619561	39864084	526.032	515.708
45)	L9 AR-1268-5	10.152	8.494	362.2E6	294.3E6	519.484	518.812

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

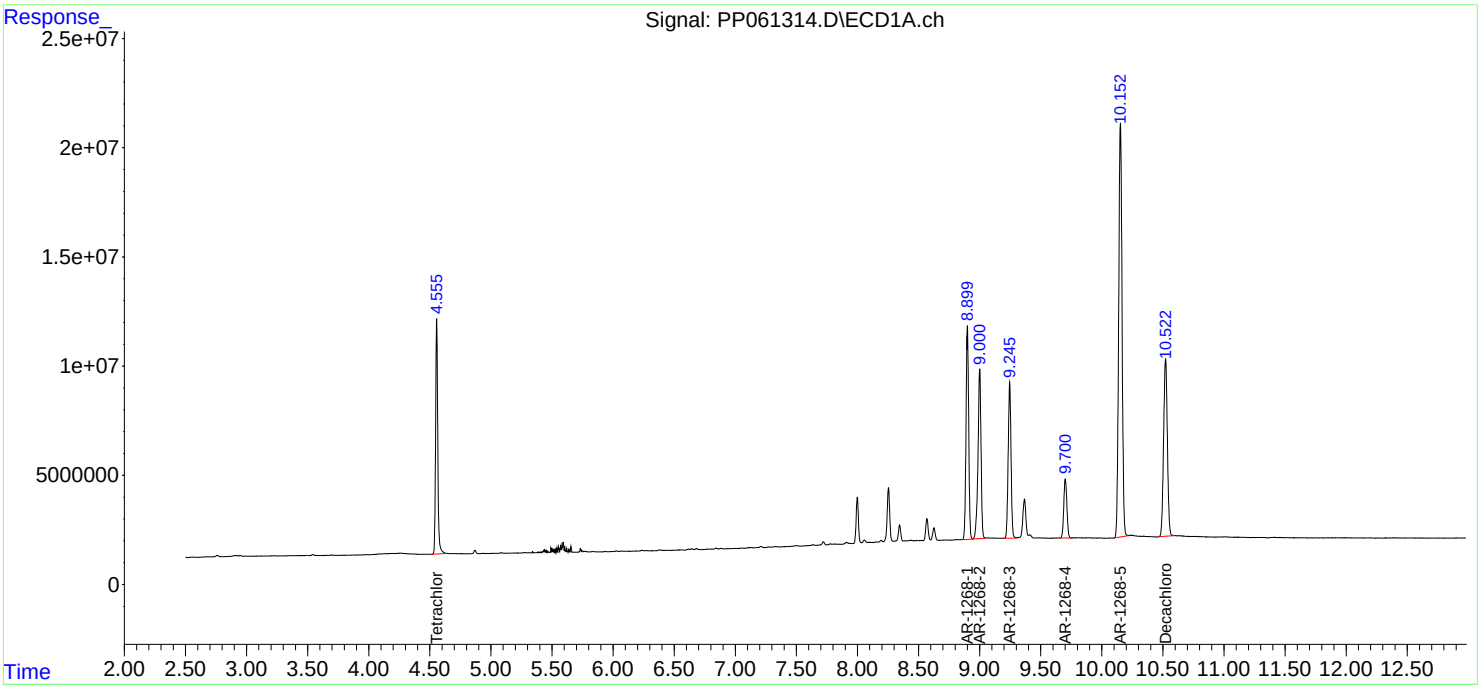
ICAL Form

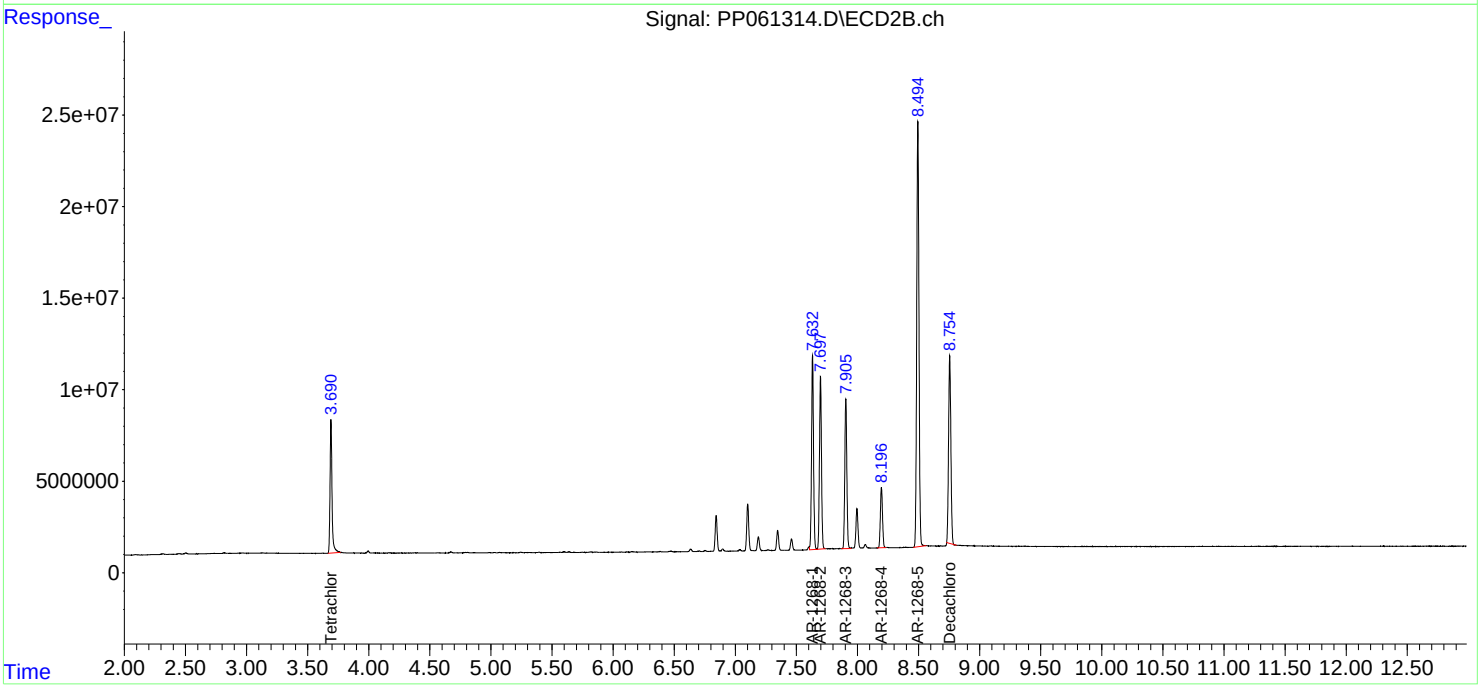
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 19:46
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 23:27:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 23:34
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 03:47:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.571	3.692	127.8E6	78125881	51.757	52.276
2)	SA Decachlor...	10.557	8.763	99196116	80151434	52.604	52.192
	Target Compounds						
26)	L6 AR-1254-1	6.635f	5.603	46622558	40000221	526.427	507.595
27)	L6 AR-1254-2	6.857f	5.751	70148177	35552424	525.939	509.040
28)	L6 AR-1254-3	7.228f	6.158	73074945	57867144	528.368	510.075
29)	L6 AR-1254-4	7.517f	6.388	53305258	35972155	535.471	517.566
30)	L6 AR-1254-5	7.941f	6.809	58993990	55531570	536.054	524.824

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

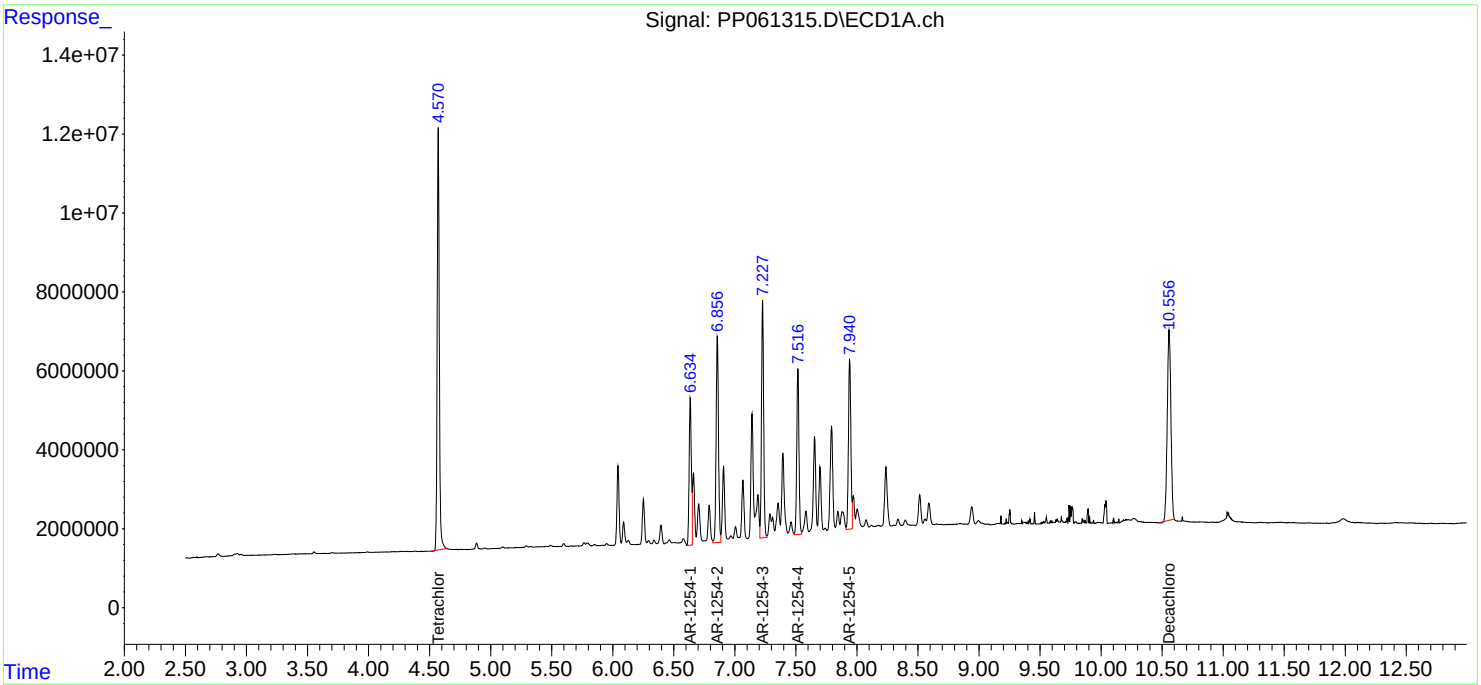
ICAL Form

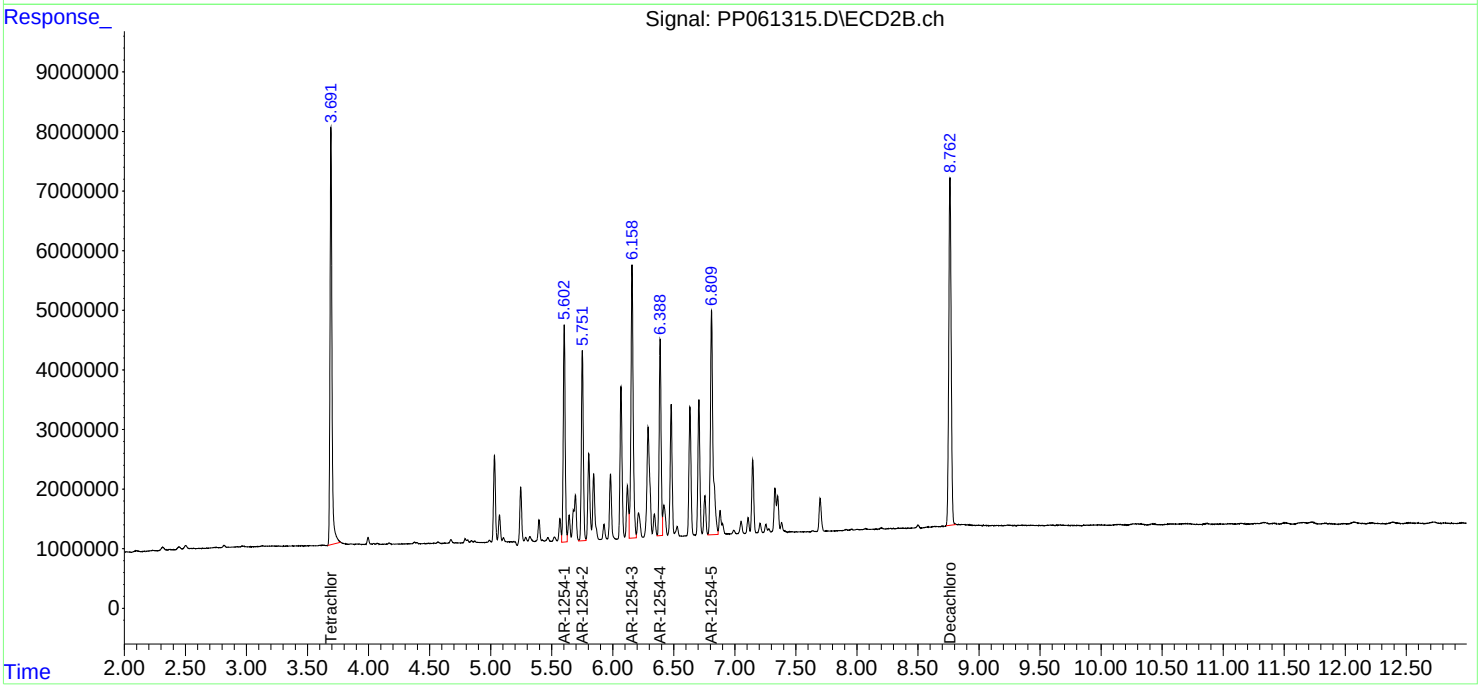
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 23:34
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102723AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 03:47:18 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Raw Data: **PO099451.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/07/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 09:20 **Initial Calibration Time(s):** 21:19 04:56

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.25	7.26	7.16	7.36	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.10	8.10	8.00	8.20	0.00
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.47	4.48	4.38	4.58	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

Raw Data: **PO099451.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/07/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 09:20 **Initial Calibration Time(s):** 21:19 04:56

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.70	4.71	4.61	4.81	0.01
Aroclor-1016-2	(2)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-3	(3)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.15	5.16	5.06	5.26	0.01
Aroclor-1260-1	(1)	6.18	6.20	6.10	6.30	0.02
Aroclor-1260-2	(2)	6.37	6.38	6.28	6.48	0.01
Aroclor-1260-3	(3)	6.52	6.54	6.44	6.64	0.02
Aroclor-1260-4	(4)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.62	3.63	3.53	3.73	0.01
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL01 **Date Analyzed:** 11/07/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099451.D **Time Analyzed:** 09:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.643	5.550	5.750	457.780	500.000	-8.4
Aroclor-1016-2	5.665	5.574	5.774	455.560	500.000	-8.9
Aroclor-1016-3	5.728	5.635	5.835	462.180	500.000	-7.6
Aroclor-1016-4	5.826	5.734	5.934	466.240	500.000	-6.8
Aroclor-1016-5	6.122	6.030	6.230	444.680	500.000	-11.1
Aroclor-1260-1	7.252	7.160	7.360	448.120	500.000	-10.4
Aroclor-1260-2	7.510	7.417	7.617	467.890	500.000	-6.4
Aroclor-1260-3	7.870	7.777	7.977	466.020	500.000	-6.8
Aroclor-1260-4	8.097	8.004	8.204	472.330	500.000	-5.5
Aroclor-1260-5	8.421	8.329	8.529	501.630	500.000	0.3
Decachlorobiphenyl	10.268	10.181	10.381	51.480	50.000	3.0
Tetrachloro-m-xylene	4.469	4.377	4.577	43.000	50.000	-14.0

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL01 **Date Analyzed:** 11/07/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099451.D **Time Analyzed:** 09:20

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.701	4.613	4.813	459.150	500.000	-8.2
Aroclor-1016-2	4.720	4.631	4.831	468.650	500.000	-6.3
Aroclor-1016-3	4.896	4.807	5.007	460.170	500.000	-8.0
Aroclor-1016-4	4.938	4.849	5.049	442.230	500.000	-11.6
Aroclor-1016-5	5.151	5.062	5.262	446.690	500.000	-10.7
Aroclor-1260-1	6.183	6.095	6.295	445.860	500.000	-10.8
Aroclor-1260-2	6.372	6.283	6.483	459.510	500.000	-8.1
Aroclor-1260-3	6.524	6.436	6.636	453.910	500.000	-9.2
Aroclor-1260-4	6.996	6.907	7.107	450.830	500.000	-9.8
Aroclor-1260-5	7.238	7.150	7.350	464.260	500.000	-7.1
Decachlorobiphenyl	8.615	8.530	8.730	42.970	50.000	-14.1
Tetrachloro-m-xylene	3.622	3.531	3.731	44.680	50.000	-10.6

Sample Results: **PO099451.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 09:20
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:03:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.469	3.622	84962567	32156719	42.999	44.682m
2)	SA Decachlor...	10.268	8.615	58321038	23056822	51.481	42.974
	Target Compounds						
3)	L1 AR-1016-1	5.643	4.701	25208162	10282085	457.778	459.146m
4)	L1 AR-1016-2	5.665	4.720	37669826	14648388	455.556	468.649
5)	L1 AR-1016-3	5.728	4.896	23789216	7791895	462.176	460.166
6)	L1 AR-1016-4	5.826	4.938	18949607	6393586	466.241m	442.226
7)	L1 AR-1016-5	6.122	5.151	18873460	8345041	444.676	446.692
31)	L7 AR-1260-1	7.252	6.183	32113021	15727852	448.124	445.859
32)	L7 AR-1260-2	7.510	6.372	36914873	18420096	467.888	459.509
33)	L7 AR-1260-3	7.870	6.524	25450812	17163825	466.022	453.915
34)	L7 AR-1260-4	8.097	6.996	29594487	13027473	472.327	450.832
35)	L7 AR-1260-5	8.421	7.238	53682512	27938704	501.633	464.255

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 09:20
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

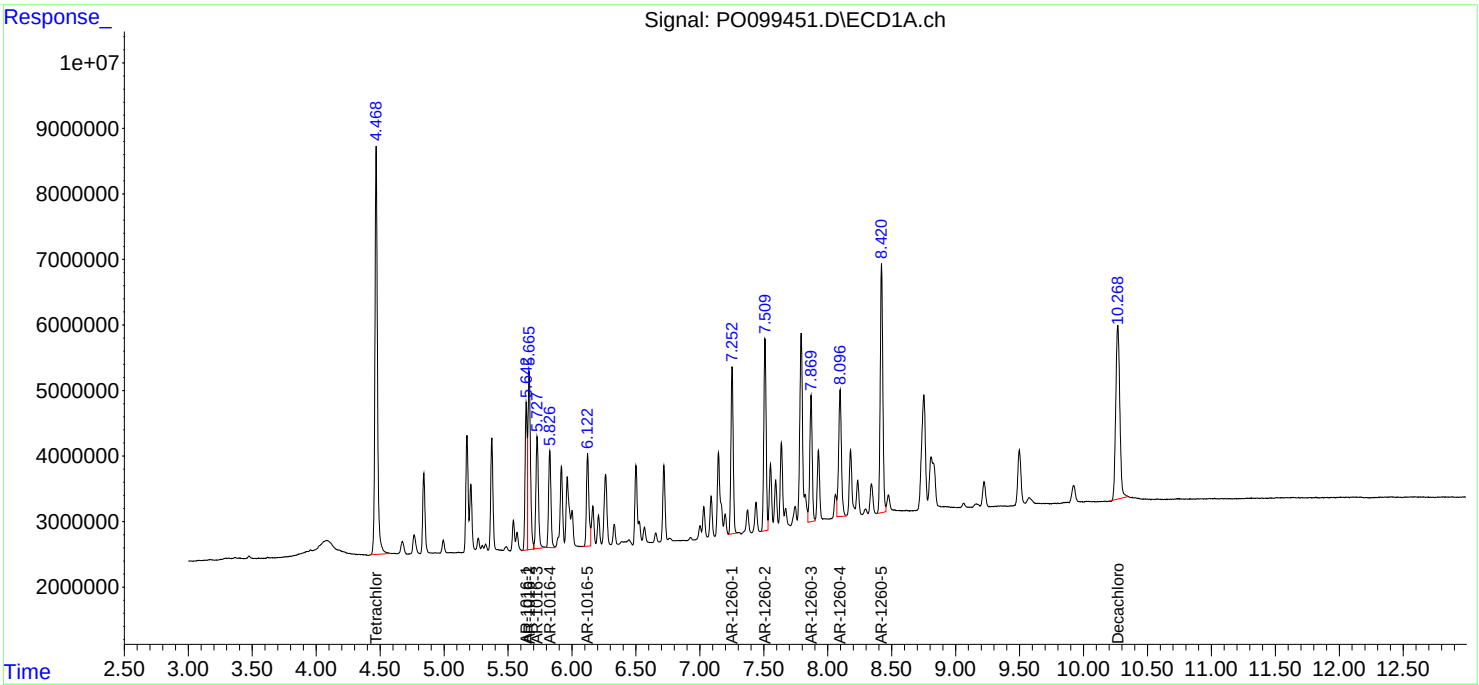
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

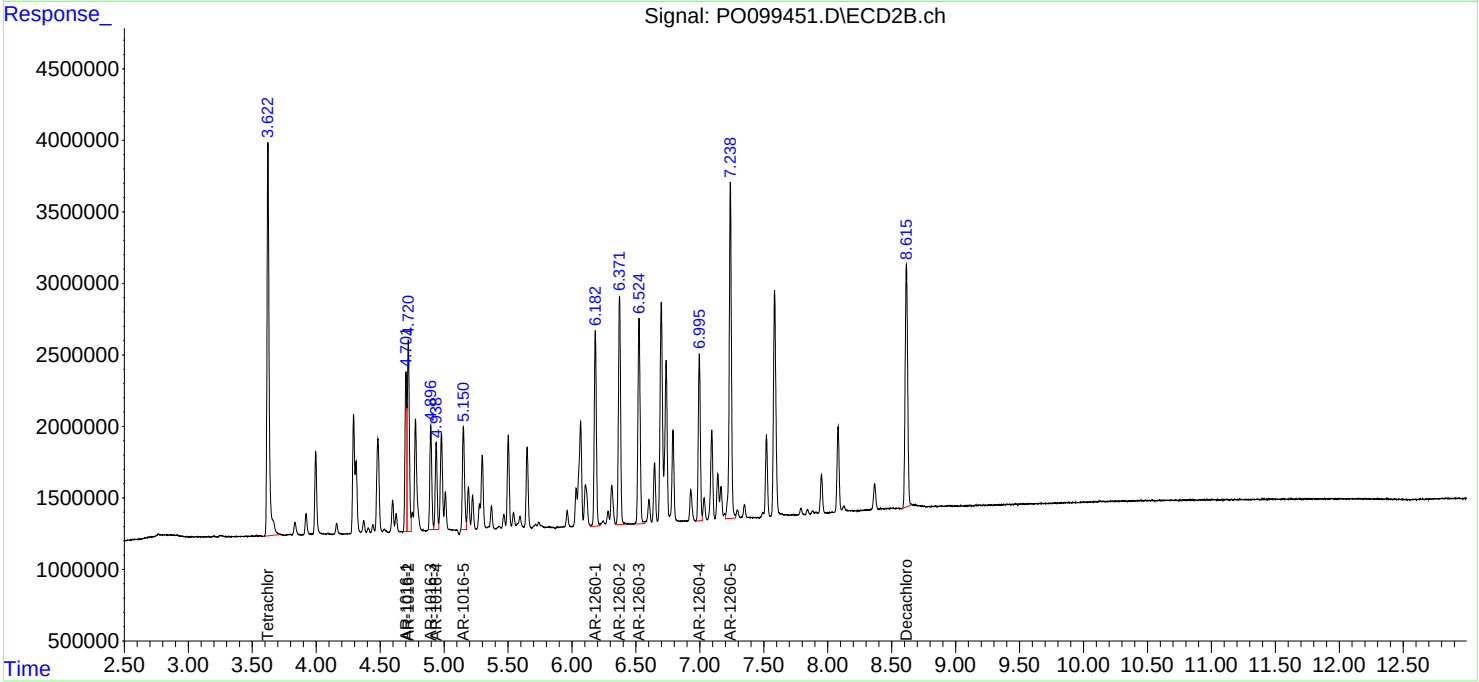
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:03:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Raw Data: **PO099463.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/07/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 13:17 **Initial Calibration Time(s):** 21:19 04:56

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.64	5.65	5.55	5.75	0.01
Aroclor-1016-2	(2)	5.67	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.74	5.64	5.84	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.13	6.03	6.23	0.01
Aroclor-1260-1	(1)	7.25	7.26	7.16	7.36	0.01
Aroclor-1260-2	(2)	7.51	7.52	7.42	7.62	0.01
Aroclor-1260-3	(3)	7.87	7.88	7.78	7.98	0.01
Aroclor-1260-4	(4)	8.09	8.10	8.00	8.20	0.01
Aroclor-1260-5	(5)	8.42	8.43	8.33	8.53	0.01
Tetrachloro-m-xylene		4.47	4.48	4.38	4.58	0.01
Decachlorobiphenyl		10.27	10.28	10.18	10.38	0.01

Raw Data: **PO099463.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/07/2023 **Initial Calibration Date(s):** 10/24/2023 10/25/2023

Continuing Calib Time: 13:17 **Initial Calibration Time(s):** 21:19 04:56

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.70	4.71	4.61	4.81	0.01
Aroclor-1016-2	(2)	4.72	4.73	4.63	4.83	0.01
Aroclor-1016-3	(3)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-4	(4)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-5	(5)	5.15	5.16	5.06	5.26	0.01
Aroclor-1260-1	(1)	6.18	6.20	6.10	6.30	0.02
Aroclor-1260-2	(2)	6.37	6.38	6.28	6.48	0.01
Aroclor-1260-3	(3)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-4	(4)	7.00	7.01	6.91	7.11	0.01
Aroclor-1260-5	(5)	7.24	7.25	7.15	7.35	0.01
Tetrachloro-m-xylene		3.62	3.63	3.53	3.73	0.01
Decachlorobiphenyl		8.62	8.63	8.53	8.73	0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL02 **Date Analyzed:** 11/07/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099463.D **Time Analyzed:** 13:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.642	5.550	5.750	452.020	500.000	-9.6
Aroclor-1016-2	5.665	5.574	5.774	434.890	500.000	-13.0
Aroclor-1016-3	5.726	5.635	5.835	444.140	500.000	-11.2
Aroclor-1016-4	5.824	5.734	5.934	444.900	500.000	-11.0
Aroclor-1016-5	6.121	6.030	6.230	428.830	500.000	-14.2
Aroclor-1260-1	7.251	7.160	7.360	426.000	500.000	-14.8
Aroclor-1260-2	7.508	7.417	7.617	443.460	500.000	-11.3
Aroclor-1260-3	7.868	7.777	7.977	430.760	500.000	-13.8
Aroclor-1260-4	8.094	8.004	8.204	450.950	500.000	-9.8
Aroclor-1260-5	8.419	8.329	8.529	483.230	500.000	-3.4
Decachlorobiphenyl	10.267	10.181	10.381	48.820	50.000	-2.4
Tetrachloro-m-xylene	4.469	4.377	4.577	42.520	50.000	-15.0

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/24/2023 10/24/2023

Client Sample No.: CCAL02 **Date Analyzed:** 11/07/2023

Lab Sample No.: AR1660CCC500 **Data File :** PO099463.D **Time Analyzed:** 13:17

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.703	4.613	4.813	474.980	500.000	-5.0
Aroclor-1016-2	4.722	4.631	4.831	494.090	500.000	-1.2
Aroclor-1016-3	4.897	4.807	5.007	485.470	500.000	-2.9
Aroclor-1016-4	4.939	4.849	5.049	457.010	500.000	-8.6
Aroclor-1016-5	5.152	5.062	5.262	467.430	500.000	-6.5
Aroclor-1260-1	6.184	6.095	6.295	441.960	500.000	-11.6
Aroclor-1260-2	6.372	6.283	6.483	458.070	500.000	-8.4
Aroclor-1260-3	6.525	6.436	6.636	443.170	500.000	-11.4
Aroclor-1260-4	6.996	6.907	7.107	435.620	500.000	-12.9
Aroclor-1260-5	7.239	7.150	7.350	454.500	500.000	-9.1
Decachlorobiphenyl	8.616	8.530	8.730	41.900	50.000	-16.2
Tetrachloro-m-xylene	3.624	3.531	3.731	45.450	50.000	-9.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 13:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:07:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.469	3.624	84013681	32709793	42.518	45.451m
2)	SA Decachlor...	10.267	8.616	55303962	22483289	48.818	41.905
	Target Compounds						
3)	L1 AR-1016-1	5.642	4.703	24891257	10636610	452.023	474.977m
4)	L1 AR-1016-2	5.665	4.722	35961376	15443574	434.895	494.089
5)	L1 AR-1016-3	5.726	4.897	22861060	8220282	444.144	485.465
6)	L1 AR-1016-4	5.824	4.939	18082397	6607309	444.904m	457.008
7)	L1 AR-1016-5	6.121	5.152	18200976	8732533	428.832	467.434
31)	L7 AR-1260-1	7.251	6.184	30527576	15590180	426.000	441.956
32)	L7 AR-1260-2	7.508	6.372	34987402	18362395	443.458	458.070
33)	L7 AR-1260-3	7.868	6.525	23525217	16757599	430.763	443.172
34)	L7 AR-1260-4	8.094	6.996	28255113	12588016	450.951	435.624
35)	L7 AR-1260-5	8.419	7.239	51713374	27351932	483.232	454.505

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 13:17
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

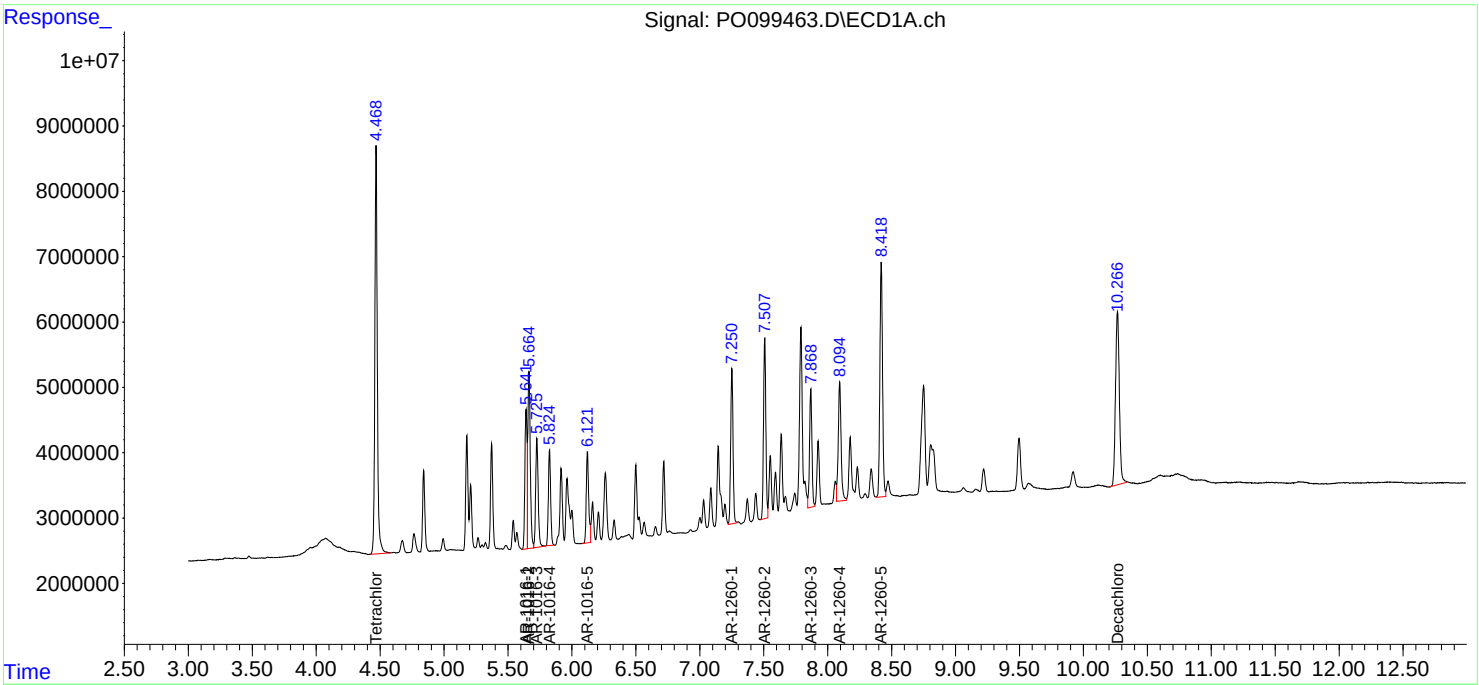
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

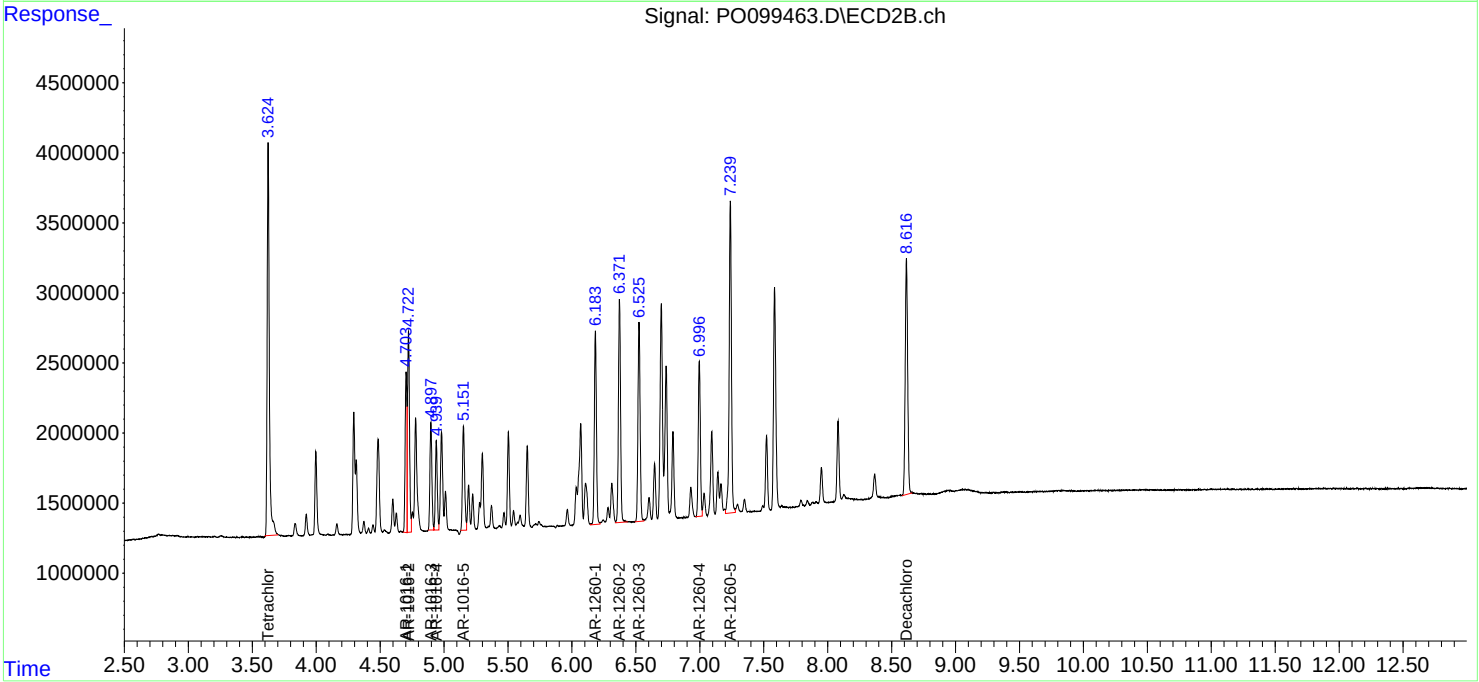
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:07:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Raw Data: **PP061440.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 10:05 **Initial Calibration Time(s):** 11:03 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.76	5.75	5.65	5.85	-0.01
Aroclor-1016-2	(2)	5.78	5.78	5.68	5.88	0.00
Aroclor-1016-3	(3)	5.84	5.84	5.74	5.94	0.00
Aroclor-1016-4	(4)	5.94	5.94	5.84	6.04	0.00
Aroclor-1016-5	(5)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.39	7.38	7.28	7.48	-0.01
Aroclor-1260-2	(2)	7.65	7.64	7.54	7.74	-0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.58	8.58	8.48	8.68	0.00
Tetrachloro-m-xylene		4.57	4.56	4.46	4.66	-0.01
Decachlorobiphenyl		10.55	10.54	10.44	10.64	-0.01

Raw Data: **PP061440.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 10:05 **Initial Calibration Time(s):** 11:03 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.80	4.79	4.69	4.89	-0.01
Aroclor-1016-2	(2)	4.82	4.81	4.71	4.91	-0.01
Aroclor-1016-3	(3)	4.99	4.99	4.89	5.09	0.00
Aroclor-1016-4	(4)	5.04	5.03	4.93	5.13	-0.01
Aroclor-1016-5	(5)	5.25	5.25	5.15	5.35	0.00
Aroclor-1260-1	(1)	6.30	6.29	6.19	6.39	-0.01
Aroclor-1260-2	(2)	6.48	6.48	6.38	6.58	0.00
Aroclor-1260-3	(3)	6.64	6.64	6.54	6.74	0.00
Aroclor-1260-4	(4)	7.11	7.11	7.01	7.21	0.00
Aroclor-1260-5	(5)	7.36	7.35	7.25	7.45	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	-0.01
Decachlorobiphenyl		8.77	8.76	8.66	8.86	-0.01

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL03 **Date Analyzed:** 11/06/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061440.D **Time Analyzed:** 10:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.758	5.652	5.852	533.060	500.000	6.6
Aroclor-1016-2	5.781	5.676	5.876	533.840	500.000	6.8
Aroclor-1016-3	5.844	5.739	5.939	529.500	500.000	5.9
Aroclor-1016-4	5.944	5.839	6.039	532.720	500.000	6.5
Aroclor-1016-5	6.244	6.139	6.339	547.570	500.000	9.5
Aroclor-1260-1	7.386	7.282	7.482	449.250	500.000	-10.2
Aroclor-1260-2	7.646	7.541	7.741	464.630	500.000	-7.1
Aroclor-1260-3	8.011	7.905	8.105	487.930	500.000	-2.4
Aroclor-1260-4	8.244	8.139	8.339	493.070	500.000	-1.4
Aroclor-1260-5	8.584	8.477	8.677	487.980	500.000	-2.4
Decachlorobiphenyl	10.547	10.436	10.636	46.450	50.000	-7.1
Tetrachloro-m-xylene	4.565	4.459	4.659	55.170	50.000	10.3

Raw Data: **PP061440.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL03 **Date Analyzed:** 11/06/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061440.D **Time Analyzed:** 10:05

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.797	4.694	4.894	515.070	500.000	3.0
Aroclor-1016-2	4.816	4.712	4.912	523.530	500.000	4.7
Aroclor-1016-3	4.994	4.890	5.090	524.040	500.000	4.8
Aroclor-1016-4	5.037	4.933	5.133	522.060	500.000	4.4
Aroclor-1016-5	5.252	5.148	5.348	511.460	500.000	2.3
Aroclor-1260-1	6.295	6.191	6.391	498.100	500.000	-0.4
Aroclor-1260-2	6.484	6.380	6.580	489.450	500.000	-2.1
Aroclor-1260-3	6.639	6.535	6.735	498.710	500.000	-0.3
Aroclor-1260-4	7.114	7.011	7.211	473.150	500.000	-5.4
Aroclor-1260-5	7.357	7.253	7.453	469.160	500.000	-6.2
Decachlorobiphenyl	8.769	8.664	8.864	42.330	50.000	-15.3
Tetrachloro-m-xylene	3.698	3.594	3.794	53.660	50.000	7.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 10:05
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:08:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.565	3.698	136.3E6	80198872	55.167	53.663
2)	SA Decachlor...	10.547	8.769	87586803	65000076	46.448	42.326
	Target Compounds						
3)	L1 AR-1016-1	5.758	4.797	43379971	26656999	533.063	515.067
4)	L1 AR-1016-2	5.781	4.816	62078453	37026549	533.841	523.526
5)	L1 AR-1016-3	5.844	4.994	37444076	20674297	529.495	524.041
6)	L1 AR-1016-4	5.944	5.037	31095503	16422037	532.718	522.055
7)	L1 AR-1016-5	6.244	5.252	31436027	21500733	547.574	511.456
31)	L7 AR-1260-1	7.386	6.295	50538285	40527456	449.255	498.099
32)	L7 AR-1260-2	7.646	6.484	60110181	47735915	464.635	489.447
33)	L7 AR-1260-3	8.011	6.639	41440550	46154680	487.933	498.706
34)	L7 AR-1260-4	8.244	7.114	49839543	34693294	493.071	473.149
35)	L7 AR-1260-5	8.584	7.357	94512401	80113803	487.977	469.156

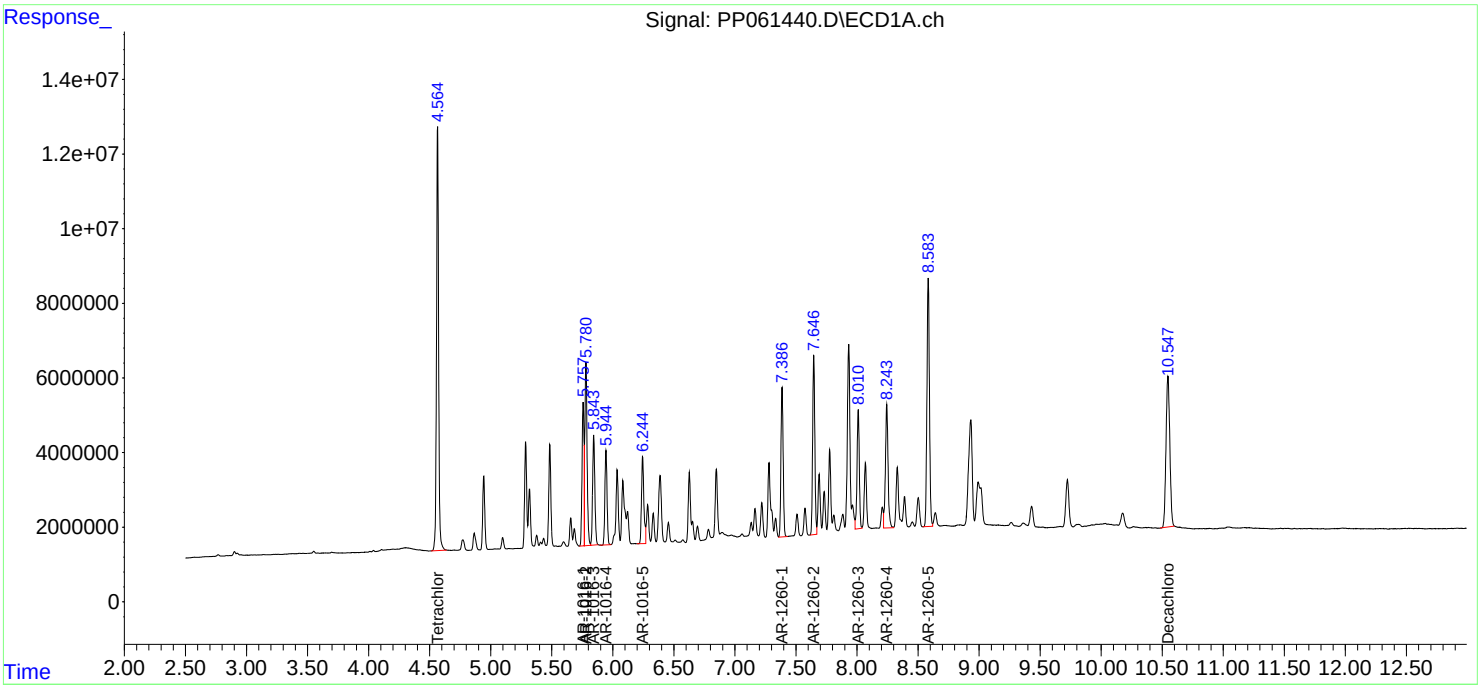
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

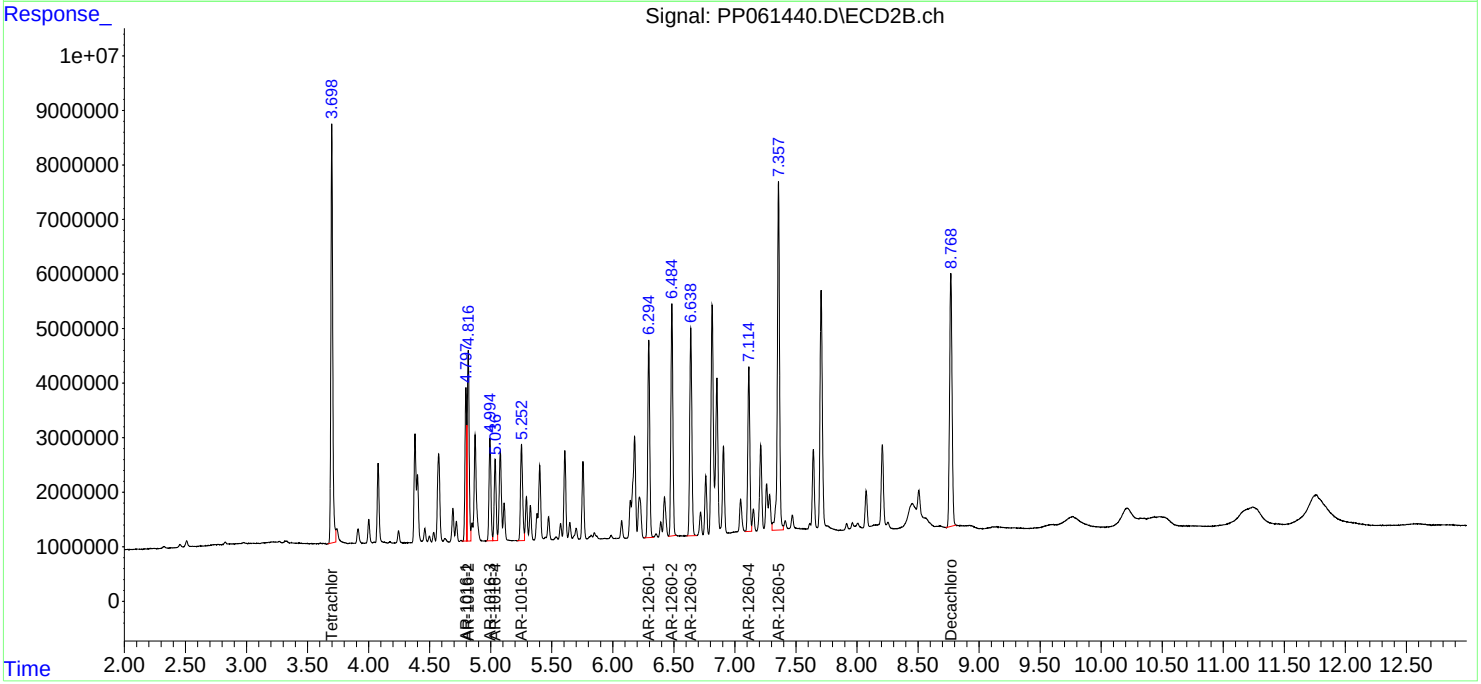
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061440.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 10:05
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:08:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Raw Data: **PP061455.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 16:11 **Initial Calibration Time(s):** 11:03 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.76	5.75	5.65	5.85	-0.01
Aroclor-1016-2	(2)	5.79	5.78	5.68	5.88	-0.01
Aroclor-1016-3	(3)	5.85	5.84	5.74	5.94	-0.01
Aroclor-1016-4	(4)	5.95	5.94	5.84	6.04	-0.01
Aroclor-1016-5	(5)	6.25	6.24	6.14	6.34	-0.01
Aroclor-1260-1	(1)	7.39	7.38	7.28	7.48	-0.01
Aroclor-1260-2	(2)	7.65	7.64	7.54	7.74	-0.01
Aroclor-1260-3	(3)	8.02	8.01	7.91	8.11	-0.01
Aroclor-1260-4	(4)	8.25	8.24	8.14	8.34	-0.01
Aroclor-1260-5	(5)	8.59	8.58	8.48	8.68	-0.01
Tetrachloro-m-xylene		4.57	4.56	4.46	4.66	-0.01
Decachlorobiphenyl		10.56	10.54	10.44	10.64	-0.02

Raw Data: **PP061455.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

Continuing Calib Date: 11/06/2023 **Initial Calibration Date(s):** 10/27/2023 10/27/2023

Continuing Calib Time: 16:11 **Initial Calibration Time(s):** 11:03 18:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.80	4.79	4.69	4.89	-0.01
Aroclor-1016-2	(2)	4.82	4.81	4.71	4.91	-0.01
Aroclor-1016-3	(3)	5.00	4.99	4.89	5.09	-0.01
Aroclor-1016-4	(4)	5.04	5.03	4.93	5.13	-0.01
Aroclor-1016-5	(5)	5.26	5.25	5.15	5.35	-0.01
Aroclor-1260-1	(1)	6.30	6.29	6.19	6.39	-0.01
Aroclor-1260-2	(2)	6.49	6.48	6.38	6.58	-0.01
Aroclor-1260-3	(3)	6.65	6.64	6.54	6.74	-0.01
Aroclor-1260-4	(4)	7.12	7.11	7.01	7.21	-0.01
Aroclor-1260-5	(5)	7.36	7.35	7.25	7.45	-0.01
Tetrachloro-m-xylene		3.70	3.69	3.59	3.79	-0.01
Decachlorobiphenyl		8.78	8.76	8.66	8.86	-0.02

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL04 **Date Analyzed:** 11/06/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061455.D **Time Analyzed:** 16:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.763	5.652	5.852	523.540	500.000	4.7
Aroclor-1016-2	5.786	5.676	5.876	519.710	500.000	3.9
Aroclor-1016-3	5.849	5.739	5.939	511.240	500.000	2.2
Aroclor-1016-4	5.950	5.839	6.039	526.170	500.000	5.2
Aroclor-1016-5	6.250	6.139	6.339	533.090	500.000	6.6
Aroclor-1260-1	7.393	7.282	7.482	463.530	500.000	-7.3
Aroclor-1260-2	7.652	7.541	7.741	447.410	500.000	-10.5
Aroclor-1260-3	8.016	7.905	8.105	426.220	500.000	-14.8
Aroclor-1260-4	8.251	8.139	8.339	437.170	500.000	-12.6
Aroclor-1260-5	8.590	8.477	8.677	453.000	500.000	-9.4
Decachlorobiphenyl	10.560	10.436	10.636	44.990	50.000	-10.0
Tetrachloro-m-xylene	4.570	4.459	4.659	53.280	50.000	6.6

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

CALIBRATION VERIFICATION SUMMARY

Contract: RMJE02

Lab Code: CHEM **Case No.:** O5252 **SAS No.:** O5252 **SDG NO.:** O5252

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/27/2023 10/27/2023

Client Sample No.: CCAL04 **Date Analyzed:** 11/06/2023

Lab Sample No.: AR1660CCC500 **Data File :** PP061455.D **Time Analyzed:** 16:11

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.803	4.694	4.894	520.420	500.000	4.1
Aroclor-1016-2	4.822	4.712	4.912	517.580	500.000	3.5
Aroclor-1016-3	5.000	4.890	5.090	524.980	500.000	5.0
Aroclor-1016-4	5.043	4.933	5.133	518.120	500.000	3.6
Aroclor-1016-5	5.258	5.148	5.348	507.640	500.000	1.5
Aroclor-1260-1	6.301	6.191	6.391	484.470	500.000	-3.1
Aroclor-1260-2	6.491	6.380	6.580	471.760	500.000	-5.6
Aroclor-1260-3	6.646	6.535	6.735	482.340	500.000	-3.5
Aroclor-1260-4	7.121	7.011	7.211	466.430	500.000	-6.7
Aroclor-1260-5	7.364	7.253	7.453	456.170	500.000	-8.8
Decachlorobiphenyl	8.778	8.664	8.864	40.720	50.000	-18.6
Tetrachloro-m-xylene	3.703	3.594	3.794	53.730	50.000	7.5

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 16:11
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:14:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.570	3.703	131.6E6	80302914	53.280	53.733
2)	SA Decachlor...	10.560	8.778	84833854	62534791	44.988	40.721
	Target Compounds						
3)	L1 AR-1016-1	5.763	4.803	42604965	26934181	523.540	520.423
4)	L1 AR-1016-2	5.786	4.822	60435712	36605861	519.714	517.578
5)	L1 AR-1016-3	5.849	5.000	36153385	20711476	511.243	524.983
6)	L1 AR-1016-4	5.950	5.043	30713056	16298255	526.166	518.120
7)	L1 AR-1016-5	6.250	5.258	30604538	21340166	533.091	507.636
31)	L7 AR-1260-1	7.393	6.301	52144713	39418528	463.535	484.470
32)	L7 AR-1260-2	7.652	6.491	57881334	46010992	447.407	471.761
33)	L7 AR-1260-3	8.016	6.646	36198986	44640378	426.218	482.344
34)	L7 AR-1260-4	8.251	7.121	44189077	34200489	437.170	466.428
35)	L7 AR-1260-5	8.590	7.364	87738295	77895901	453.001	456.168

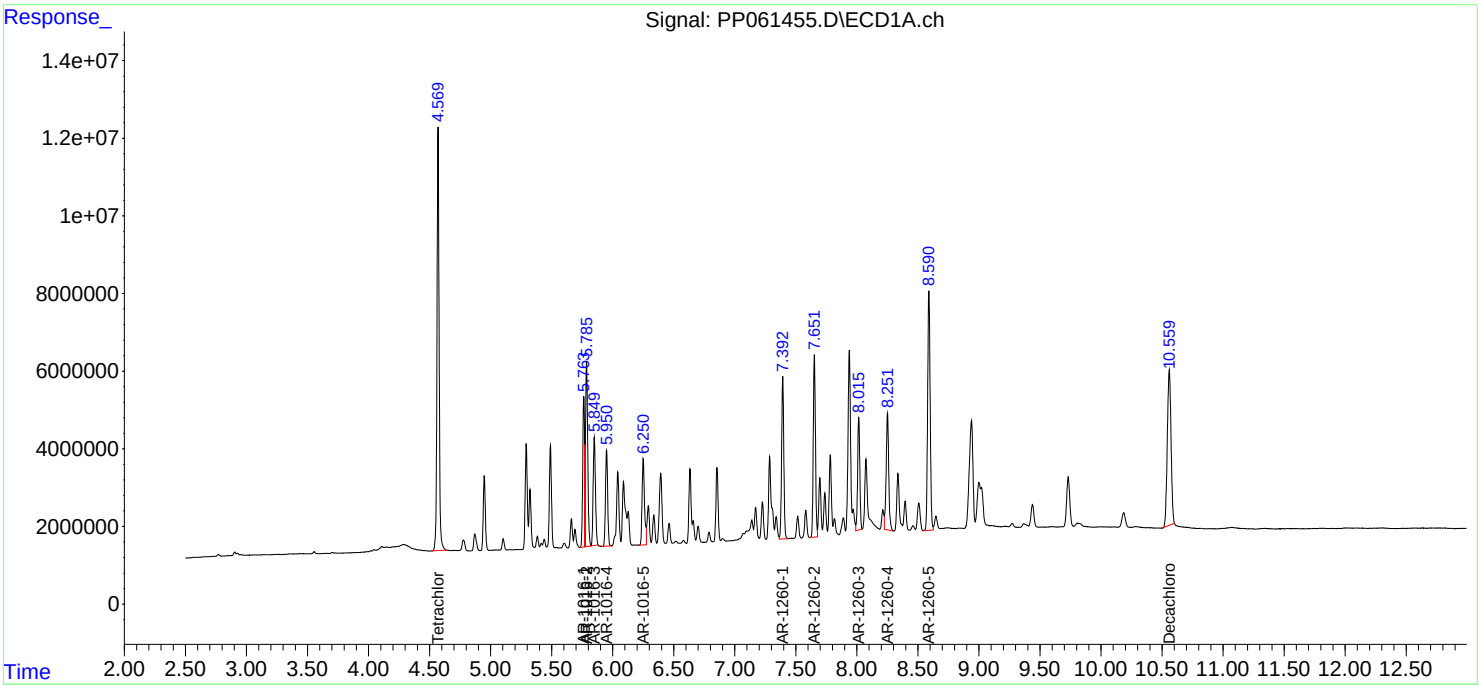
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

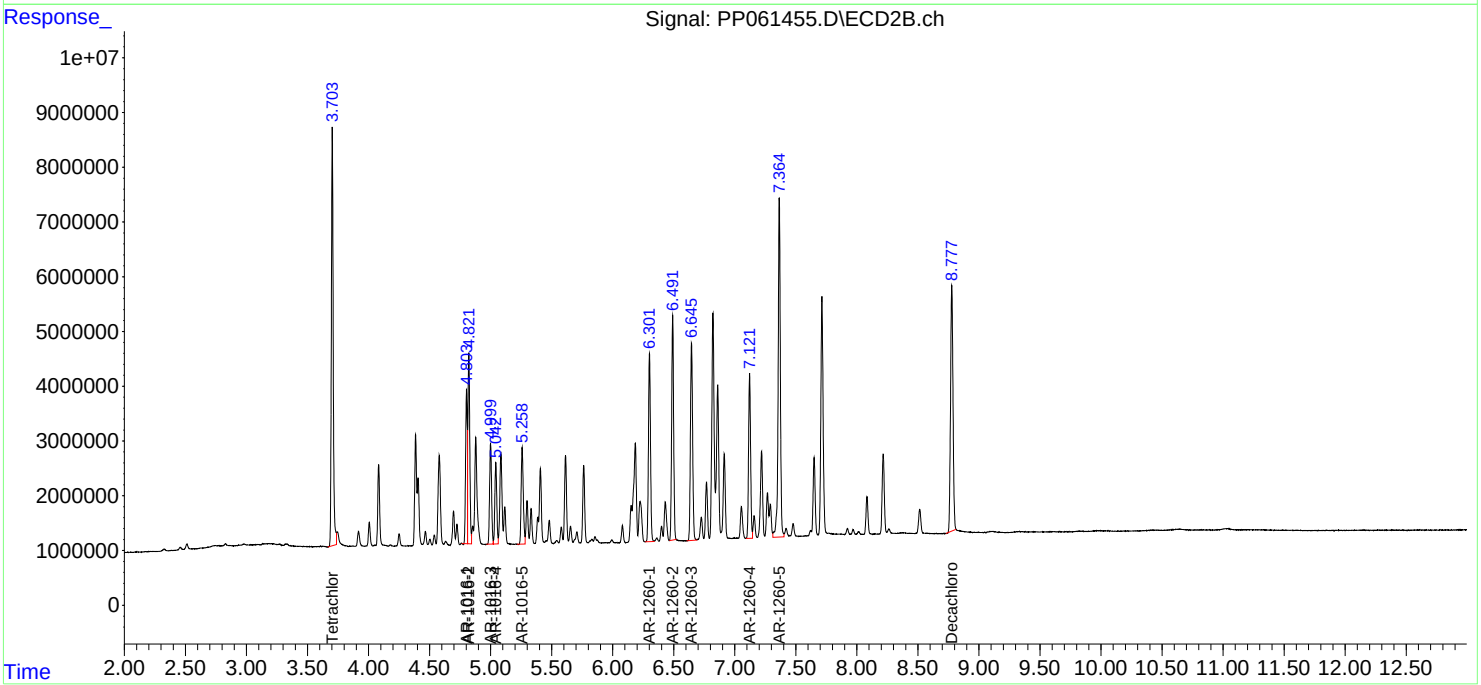
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061455.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 16:11
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:14:02 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





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Analytical Sequence

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Project: 245 Greenwood Ave **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/24/2023 10/24/2023

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 #
I.BLK	I.BLK	10/24/2023	21:01	PO098875.D	10.28	4.48
AR1660ICC1000	AR1660ICC1000	10/24/2023	21:19	PO098876.D	10.28	4.48
AR1660ICC750	AR1660ICC750	10/24/2023	21:36	PO098877.D	10.28	4.48
AR1660ICC500	AR1660ICC500	10/24/2023	21:53	PO098878.D	10.28	4.48
AR1660ICC250	AR1660ICC250	10/24/2023	22:09	PO098879.D	10.28	4.48
AR1660ICC050	AR1660ICC050	10/24/2023	22:27	PO098880.D	10.28	4.48
AR1221ICC500	AR1221ICC500	10/24/2023	22:43	PO098881.D	10.28	4.48
AR1232ICC500	AR1232ICC500	10/24/2023	23:00	PO098882.D	10.28	4.48
AR1242ICC1000	AR1242ICC1000	10/24/2023	23:17	PO098883.D	10.28	4.48
AR1242ICC750	AR1242ICC750	10/24/2023	23:34	PO098884.D	10.28	4.48
AR1242ICC500	AR1242ICC500	10/24/2023	23:51	PO098885.D	10.28	4.48
AR1242ICC250	AR1242ICC250	10/25/2023	00:08	PO098886.D	10.28	4.48
AR1242ICC050	AR1242ICC050	10/25/2023	00:25	PO098887.D	10.28	4.48
AR1248ICC1000	AR1248ICC1000	10/25/2023	00:42	PO098888.D	10.28	4.48
AR1248ICC750	AR1248ICC750	10/25/2023	00:59	PO098889.D	10.28	4.48
AR1248ICC500	AR1248ICC500	10/25/2023	01:16	PO098890.D	10.28	4.48
AR1248ICC250	AR1248ICC250	10/25/2023	01:33	PO098891.D	10.28	4.48
AR1248ICC050	AR1248ICC050	10/25/2023	01:50	PO098892.D	10.28	4.48
AR1254ICC1000	AR1254ICC1000	10/25/2023	02:07	PO098893.D	10.28	4.48
AR1254ICC750	AR1254ICC750	10/25/2023	02:24	PO098894.D	10.28	4.48
AR1254ICC500	AR1254ICC500	10/25/2023	02:41	PO098895.D	10.28	4.48
AR1254ICC250	AR1254ICC250	10/25/2023	02:58	PO098896.D	10.28	4.48
AR1254ICC050	AR1254ICC050	10/25/2023	03:15	PO098897.D	10.28	4.48
AR1262ICC500	AR1262ICC500	10/25/2023	03:32	PO098898.D	10.28	4.48
AR1268ICC1000	AR1268ICC1000	10/25/2023	03:49	PO098899.D	10.28	4.48
AR1268ICC750	AR1268ICC750	10/25/2023	04:06	PO098900.D	10.28	4.48
AR1268ICC500	AR1268ICC500	10/25/2023	04:22	PO098901.D	10.28	4.48
AR1268ICC250	AR1268ICC250	10/25/2023	04:39	PO098902.D	10.28	4.48
AR1268ICC050	AR1268ICC050	10/25/2023	04:56	PO098903.D	10.28	4.48
AR1660CCC500	AR1660CCC500	11/07/2023	09:20	PO099451.D	10.27	4.47
I.BLK	I.BLK	11/07/2023	09:36	PO099452.D	10.26	4.47
P001-WC01-01MS	O5255-02MS	11/07/2023	11:01	PO099457.D	10.26	4.47
P001-WC01-01MSD	O5255-03MSD	11/07/2023	11:18	PO099458.D	10.27	4.47
AR1660CCC500	AR1660CCC500	11/07/2023	13:17	PO099463.D	10.27	4.47
I.BLK	I.BLK	11/07/2023	13:34	PO099464.D	10.27	4.47
I.BLK	I.BLK	10/27/2023	10:47	PP061281.D	10.54	4.56
AR1660ICC1000	AR1660ICC1000	10/27/2023	11:03	PP061282.D	10.54	4.56
AR1660ICC750	AR1660ICC750	10/27/2023	11:20	PP061283.D	10.54	4.56
AR1660ICC500	AR1660ICC500	10/27/2023	11:36	PP061284.D	10.54	4.56
AR1660ICC250	AR1660ICC250	10/27/2023	11:52	PP061285.D	10.54	4.56
AR1660ICC050	AR1660ICC050	10/27/2023	12:08	PP061286.D	10.54	4.56
AR1221ICC500	AR1221ICC500	10/27/2023	12:25	PP061287.D	10.53	4.56
AR1232ICC500	AR1232ICC500	10/27/2023	12:41	PP061288.D	10.54	4.56
AR1242ICC1000	AR1242ICC1000	10/27/2023	12:57	PP061289.D	10.55	4.56
AR1242ICC750	AR1242ICC750	10/27/2023	13:13	PP061290.D	10.55	4.56

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Analytical Sequence

AR1242ICC500	AR1242ICC500	10/27/2023	13:30	PP061291.D	10.54	4.56
AR1242ICC250	AR1242ICC250	10/27/2023	13:46	PP061292.D	10.54	4.56
AR1242ICC050	AR1242ICC050	10/27/2023	14:02	PP061293.D	10.54	4.56
AR1248ICC1000	AR1248ICC1000	10/27/2023	14:19	PP061294.D	10.53	4.56
AR1248ICC750	AR1248ICC750	10/27/2023	14:35	PP061295.D	10.53	4.56
AR1248ICC500	AR1248ICC500	10/27/2023	14:51	PP061296.D	10.54	4.56
AR1248ICC250	AR1248ICC250	10/27/2023	15:08	PP061297.D	10.54	4.56
AR1248ICC050	AR1248ICC050	10/27/2023	15:24	PP061298.D	10.54	4.56
AR1254ICC1000	AR1254ICC1000	10/27/2023	15:40	PP061299.D	10.53	4.56
AR1254ICC750	AR1254ICC750	10/27/2023	15:57	PP061300.D	10.53	4.56
AR1254ICC500	AR1254ICC500	10/27/2023	16:13	PP061301.D	10.53	4.56
AR1254ICC250	AR1254ICC250	10/27/2023	16:30	PP061302.D	10.53	4.56
AR1254ICC050	AR1254ICC050	10/27/2023	16:46	PP061303.D	10.53	4.56
AR1262ICC500	AR1262ICC500	10/27/2023	17:02	PP061304.D	10.53	4.56
AR1268ICC1000	AR1268ICC1000	10/27/2023	17:19	PP061305.D	10.53	4.56
AR1268ICC750	AR1268ICC750	10/27/2023	17:35	PP061306.D	10.53	4.56
AR1268ICC500	AR1268ICC500	10/27/2023	17:51	PP061307.D	10.53	4.56
AR1268ICC250	AR1268ICC250	10/27/2023	18:08	PP061308.D	10.52	4.56
AR1268ICC050	AR1268ICC050	10/27/2023	18:24	PP061309.D	10.53	4.56
AR1660CCC500	AR1660CCC500	11/06/2023	10:05	PP061440.D	10.55	4.57
I.BLK	I.BLK	11/06/2023	11:17	PP061444.D	10.56	4.57
PB156919BL	PB156919BL	11/06/2023	13:28	PP061445.D	10.56	4.57
PB156919BS	PB156919BS	11/06/2023	13:44	PP061446.D	10.55	4.57
WASTE	O5252-01	11/06/2023	14:00	PP061447.D	10.55	4.57
AR1660CCC500	AR1660CCC500	11/06/2023	16:11	PP061455.D	10.56	4.57
I.BLK	I.BLK	11/06/2023	17:17	PP061459.D	10.56	4.57

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Analytical Sequence

Client: RMJ Environomics, Inc. **SDG No.:** O5252

Project: 245 Greenwood Ave **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/24/2023 10/24/2023

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 #
I.BLK	I.BLK	10/24/2023	21:01	PO098875.D	8.63	3.63
AR1660ICC1000	AR1660ICC1000	10/24/2023	21:19	PO098876.D	8.63	3.63
AR1660ICC750	AR1660ICC750	10/24/2023	21:36	PO098877.D	8.63	3.63
AR1660ICC500	AR1660ICC500	10/24/2023	21:53	PO098878.D	8.63	3.63
AR1660ICC250	AR1660ICC250	10/24/2023	22:09	PO098879.D	8.63	3.63
AR1660ICC050	AR1660ICC050	10/24/2023	22:27	PO098880.D	8.63	3.63
AR1221ICC500	AR1221ICC500	10/24/2023	22:43	PO098881.D	8.63	3.63
AR1232ICC500	AR1232ICC500	10/24/2023	23:00	PO098882.D	8.63	3.63
AR1242ICC1000	AR1242ICC1000	10/24/2023	23:17	PO098883.D	8.63	3.63
AR1242ICC750	AR1242ICC750	10/24/2023	23:34	PO098884.D	8.63	3.63
AR1242ICC500	AR1242ICC500	10/24/2023	23:51	PO098885.D	8.63	3.63
AR1242ICC250	AR1242ICC250	10/25/2023	00:08	PO098886.D	8.63	3.63
AR1242ICC050	AR1242ICC050	10/25/2023	00:25	PO098887.D	8.63	3.63
AR1248ICC1000	AR1248ICC1000	10/25/2023	00:42	PO098888.D	8.63	3.63
AR1248ICC750	AR1248ICC750	10/25/2023	00:59	PO098889.D	8.63	3.63
AR1248ICC500	AR1248ICC500	10/25/2023	01:16	PO098890.D	8.63	3.63
AR1248ICC250	AR1248ICC250	10/25/2023	01:33	PO098891.D	8.63	3.63
AR1248ICC050	AR1248ICC050	10/25/2023	01:50	PO098892.D	8.63	3.63
AR1254ICC1000	AR1254ICC1000	10/25/2023	02:07	PO098893.D	8.63	3.63
AR1254ICC750	AR1254ICC750	10/25/2023	02:24	PO098894.D	8.63	3.63
AR1254ICC500	AR1254ICC500	10/25/2023	02:41	PO098895.D	8.63	3.63
AR1254ICC250	AR1254ICC250	10/25/2023	02:58	PO098896.D	8.63	3.63
AR1254ICC050	AR1254ICC050	10/25/2023	03:15	PO098897.D	8.63	3.63
AR1262ICC500	AR1262ICC500	10/25/2023	03:32	PO098898.D	8.63	3.63
AR1268ICC1000	AR1268ICC1000	10/25/2023	03:49	PO098899.D	8.63	3.63
AR1268ICC750	AR1268ICC750	10/25/2023	04:06	PO098900.D	8.63	3.63
AR1268ICC500	AR1268ICC500	10/25/2023	04:22	PO098901.D	8.63	3.63
AR1268ICC250	AR1268ICC250	10/25/2023	04:39	PO098902.D	8.63	3.63
AR1268ICC050	AR1268ICC050	10/25/2023	04:56	PO098903.D	8.63	3.63
AR1660CCC500	AR1660CCC500	11/07/2023	09:20	PO099451.D	8.62	3.62
I.BLK	I.BLK	11/07/2023	09:36	PO099452.D	8.61	3.62
P001-WC01-01MS	O5255-02MS	11/07/2023	11:01	PO099457.D	8.62	3.63
P001-WC01-01MSD	O5255-03MSD	11/07/2023	11:18	PO099458.D	8.62	3.63
AR1660CCC500	AR1660CCC500	11/07/2023	13:17	PO099463.D	8.62	3.62
I.BLK	I.BLK	11/07/2023	13:34	PO099464.D	8.62	3.62
I.BLK	I.BLK	10/27/2023	10:47	PP061281.D	8.77	3.70
AR1660ICC1000	AR1660ICC1000	10/27/2023	11:03	PP061282.D	8.77	3.70
AR1660ICC750	AR1660ICC750	10/27/2023	11:20	PP061283.D	8.77	3.70
AR1660ICC500	AR1660ICC500	10/27/2023	11:36	PP061284.D	8.76	3.69
AR1660ICC250	AR1660ICC250	10/27/2023	11:52	PP061285.D	8.77	3.70
AR1660ICC050	AR1660ICC050	10/27/2023	12:08	PP061286.D	8.77	3.69
AR1221ICC500	AR1221ICC500	10/27/2023	12:25	PP061287.D	8.77	3.69
AR1232ICC500	AR1232ICC500	10/27/2023	12:41	PP061288.D	8.77	3.70
AR1242ICC1000	AR1242ICC1000	10/27/2023	12:57	PP061289.D	8.77	3.70
AR1242ICC750	AR1242ICC750	10/27/2023	13:13	PP061290.D	8.77	3.70

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Analytical Sequence

AR1242ICC500	AR1242ICC500	10/27/2023	13:30	PP061291.D	8.77	3.70
AR1242ICC250	AR1242ICC250	10/27/2023	13:46	PP061292.D	8.77	3.69
AR1242ICC050	AR1242ICC050	10/27/2023	14:02	PP061293.D	8.77	3.69
AR1248ICC1000	AR1248ICC1000	10/27/2023	14:19	PP061294.D	8.76	3.69
AR1248ICC750	AR1248ICC750	10/27/2023	14:35	PP061295.D	8.76	3.69
AR1248ICC500	AR1248ICC500	10/27/2023	14:51	PP061296.D	8.76	3.69
AR1248ICC250	AR1248ICC250	10/27/2023	15:08	PP061297.D	8.76	3.69
AR1248ICC050	AR1248ICC050	10/27/2023	15:24	PP061298.D	8.76	3.69
AR1254ICC1000	AR1254ICC1000	10/27/2023	15:40	PP061299.D	8.76	3.69
AR1254ICC750	AR1254ICC750	10/27/2023	15:57	PP061300.D	8.76	3.69
AR1254ICC500	AR1254ICC500	10/27/2023	16:13	PP061301.D	8.76	3.69
AR1254ICC250	AR1254ICC250	10/27/2023	16:30	PP061302.D	8.76	3.69
AR1254ICC050	AR1254ICC050	10/27/2023	16:46	PP061303.D	8.76	3.69
AR1262ICC500	AR1262ICC500	10/27/2023	17:02	PP061304.D	8.76	3.69
AR1268ICC1000	AR1268ICC1000	10/27/2023	17:19	PP061305.D	8.76	3.69
AR1268ICC750	AR1268ICC750	10/27/2023	17:35	PP061306.D	8.76	3.69
AR1268ICC500	AR1268ICC500	10/27/2023	17:51	PP061307.D	8.76	3.69
AR1268ICC250	AR1268ICC250	10/27/2023	18:08	PP061308.D	8.76	3.69
AR1268ICC050	AR1268ICC050	10/27/2023	18:24	PP061309.D	8.76	3.69
AR1660CCC500	AR1660CCC500	11/06/2023	10:05	PP061440.D	8.77	3.70
I.BLK	I.BLK	11/06/2023	11:17	PP061444.D	8.77	3.70
PB156919BL	PB156919BL	11/06/2023	13:28	PP061445.D	8.77	3.70
PB156919BS	PB156919BS	11/06/2023	13:44	PP061446.D	8.77	3.70
WASTE	O5252-01	11/06/2023	14:00	PP061447.D	8.77	3.70
AR1660CCC500	AR1660CCC500	11/06/2023	16:11	PP061455.D	8.78	3.70
I.BLK	I.BLK	11/06/2023	17:17	PP061459.D	8.78	3.70

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-WC01-01MS

Contract: RMJE02

Lab Code: CHEM Case No.: 05252 SAS No.: 05252 SDG NO.: 05252

Lab Sample ID: 05255-02MS Date(s) Analyzed: 11/07/2023 11/07/2023

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 PO099457.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.641	5.591	5.691	1200		
	2	5.665	5.615	5.715	985		
	3	5.727	5.677	5.777	1030		
COLUMN 1	4	5.827	5.777	5.877	800		
	5	6.122	6.072	6.172	1730	1200	
	1	4.705	4.655	4.755	827		
	2	4.723	4.673	4.773	941		
	3	4.901	4.851	4.951	1090		
	4	4.942	4.892	4.992	2310		
COLUMN 2	5	5.153	5.103	5.203	1540	1300	8
Aroclor-1254	1	6.501	6.451	6.551	2530		
	2	6.722	6.672	6.772	3290		
	3	7.091	7.041	7.141	4200		
COLUMN 1	4	7.373	7.323	7.423	2690		
	5	7.792	7.742	7.842	6180	3800	
	1	5.506	5.456	5.556	2160		
	2	5.658	5.608	5.708	2420		
	3	6.058	6.008	6.108	1920		
	4	6.284	6.234	6.334	2010		
COLUMN 2	5	6.7	6.65	6.75	5140	2700	33.85

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.251	7.201	7.301	3010		
	2	7.502	7.452	7.552	9670		
	3	7.868	7.818	7.918	2670		
COLUMN 1	4	8.095	8.045	8.145	3860		
	5	8.419	8.369	8.469	3590	4600	
	1	6.185	6.135	6.235	2870		
	2	6.373	6.323	6.423	2850		
	3	6.526	6.476	6.576	2810		
	4	6.997	6.947	7.047	1880		
COLUMN 2	5	7.24	7.19	7.29	2610	2600	55.56

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-WC01-01MSD

Contract: RMJE02

Lab Code: CHEM Case No.: 05252 SAS No.: 05252 SDG NO.: 05252

Lab Sample ID: 05255-03MSD Date(s) Analyzed: 11/07/2023 11/07/2023

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 PO099458.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.64	5.59	5.69	1190		
	2	5.664	5.614	5.714	1030		
	3	5.728	5.678	5.778	1400		
COLUMN 1	4	5.826	5.776	5.876	773		
	5	6.121	6.071	6.171	1710	1200	
	1	4.704	4.654	4.754	761		
	2	4.722	4.672	4.772	860		
	3	4.9	4.85	4.95	1090		
	4	4.942	4.892	4.992	2290		
COLUMN 2	5	5.153	5.103	5.203	1540	1300	8
Aroclor-1254	1	6.5	6.45	6.55	2450		
	2	6.721	6.671	6.771	3210		
	3	7.09	7.04	7.14	4060		
COLUMN 1	4	7.372	7.322	7.422	2590		
	5	7.791	7.741	7.841	5990	3700	
	1	5.505	5.455	5.555	2150		
	2	5.657	5.607	5.707	2400		
	3	6.056	6.006	6.106	1900		
	4	6.283	6.233	6.333	2150		
COLUMN 2	5	6.699	6.649	6.749	5060	2700	31.25
Aroclor-1260	1	7.251	7.201	7.301	2930		
	2	7.502	7.452	7.552	9390		
	3	7.868	7.818	7.918	2590		
COLUMN 1	4	8.095	8.045	8.145	3730		
	5	8.419	8.369	8.469	3520	4400	
	1	6.184	6.134	6.234	2910		
	2	6.373	6.323	6.423	2830		
	3	6.525	6.475	6.575	2760		
	4	6.997	6.947	7.047	1840		
COLUMN 2	5	7.24	7.19	7.29	2530	2600	51.43

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB156919BS

Contract: RMJE02

Lab Code: CHEM Case No.: 05252 SAS No.: 05252 SDG NO.: 05252

Lab Sample ID: PB156919BS Date(s) Analyzed: 11/06/2023 11/06/2023

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

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

Data file PP061446.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.758	5.708	5.808	176		
	2	5.782	5.732	5.832	175		
	3	5.845	5.795	5.895	175		
COLUMN 1	4	5.945	5.895	5.995	176		
	5	6.244	6.194	6.294	180	176	
	1	4.797	4.747	4.847	170		
	2	4.816	4.766	4.866	169		
	3	4.994	4.944	5.044	170		
	4	5.037	4.987	5.087	170		
COLUMN 2	5	5.252	5.202	5.302	165	169	4.06
Aroclor-1260	1	7.387	7.337	7.437	157		
	2	7.647	7.597	7.697	154		
	3	8.011	7.961	8.061	149		
COLUMN 1	4	8.246	8.196	8.296	155		
	5	8.585	8.535	8.635	155	154	
	1	6.295	6.245	6.345	161		
	2	6.485	6.435	6.535	157		
	3	6.639	6.589	6.689	161		
	4	7.115	7.065	7.165	154		
COLUMN 2	5	7.358	7.308	7.408	150	157	1.93

CHEMTECH

QC SAMPLE DATA

Raw Data: **PP061445.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	PB156919BL	SDG No.:	O5252
Lab Sample ID:	PB156919BL	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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061445.D	1	11/06/23 09:10	11/06/23 13:28	PB156919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	0.0036	U	0.0036	0.017	mg/Kg
11104-28-2	Aroclor-1221	0.0059	U	0.0059	0.017	mg/Kg
11141-16-5	Aroclor-1232	0.0045	U	0.0045	0.017	mg/Kg
53469-21-9	Aroclor-1242	0.0031	U	0.0031	0.017	mg/Kg
12672-29-6	Aroclor-1248	0.0028	U	0.0028	0.017	mg/Kg
11097-69-1	Aroclor-1254	0.0038	U	0.0038	0.017	mg/Kg
37324-23-5	Aroclor-1262	0.0027	U	0.0027	0.017	mg/Kg
11100-14-4	Aroclor-1268	0.0033	U	0.0033	0.017	mg/Kg
11096-82-5	Aroclor-1260	0.0033	U	0.0033	0.017	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.3		30 (40) - 150 (162)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.3		30 (32) - 150 (175)	101%	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_P\Data\PP110623\
Data File : PP061445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 13:28
Operator : YP\AJ
Sample : PB156919BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB156919BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:10:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.567	3.699	54190472	34769054	21.938	23.265
2)	SA Decachlor...	10.555	8.771	38198843	30023400	20.257	19.550
	Target Compounds						

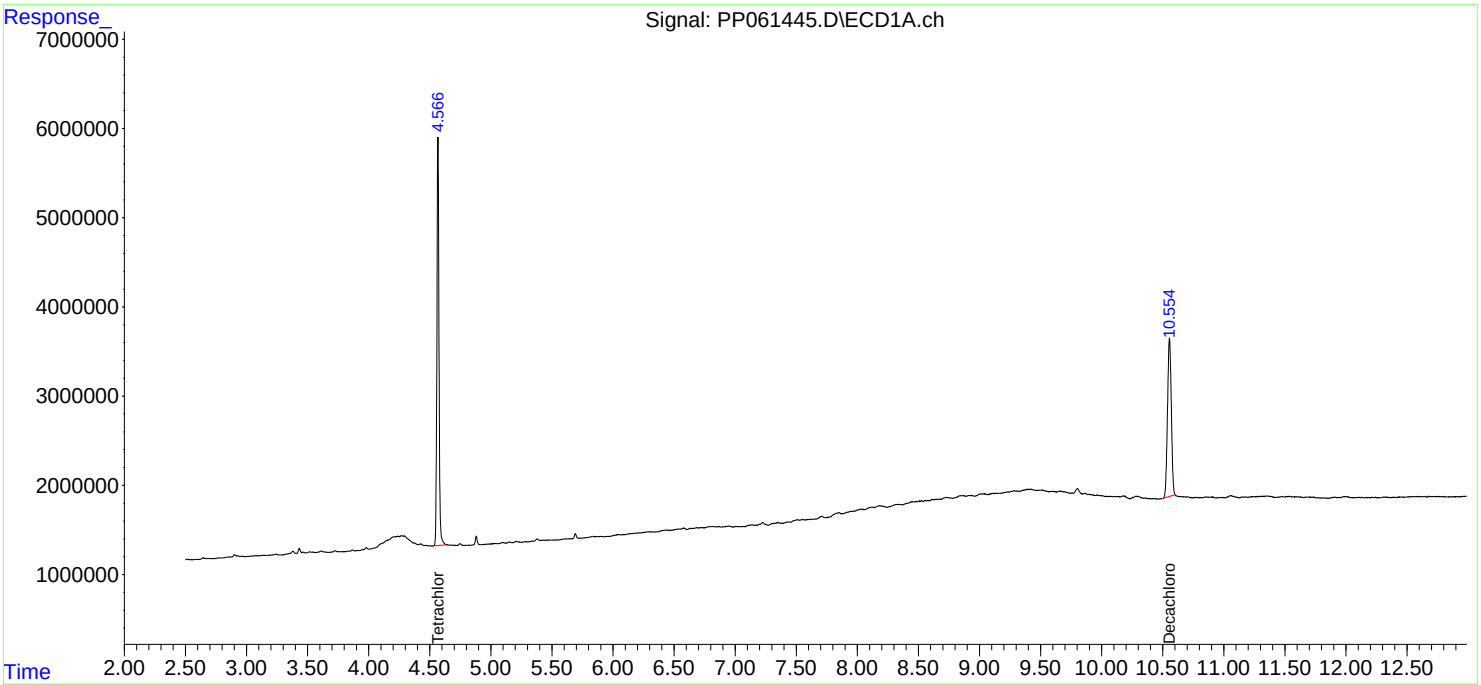
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

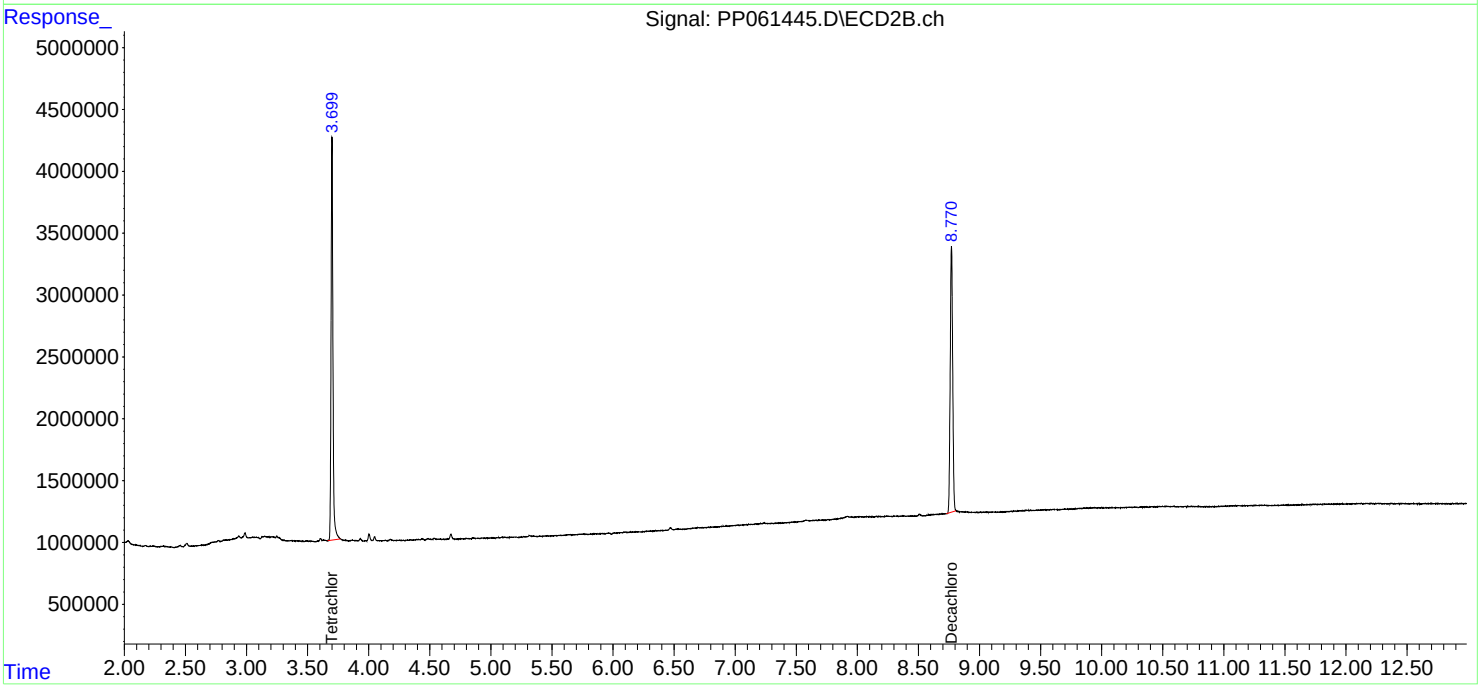
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061445.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 13:28
Operator : YP\AJ
Sample : PB156919BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

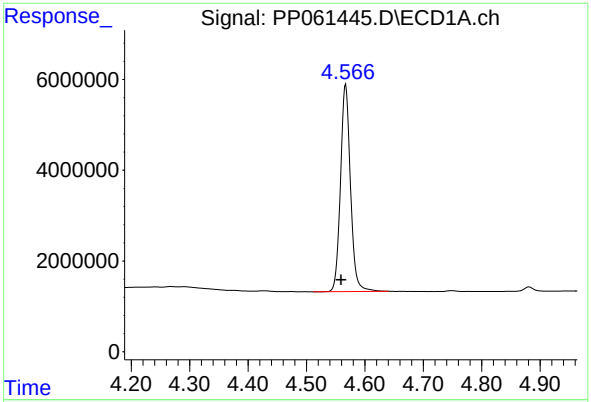
Instrument :
ECD_P
ClientSampleId :
PB156919BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:10:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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



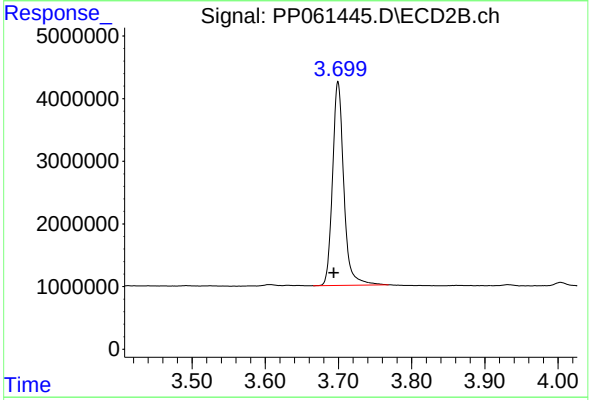




#1 Tetrachloro-m-xylene

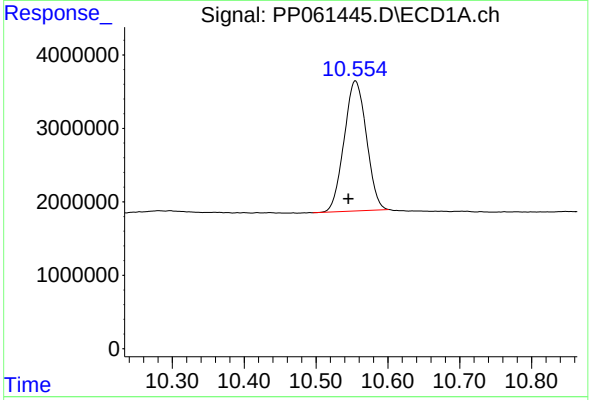
R.T.: 4.567 min
Delta R.T.: 0.008 min
Response: 54190472
Conc: 21.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB156919BL



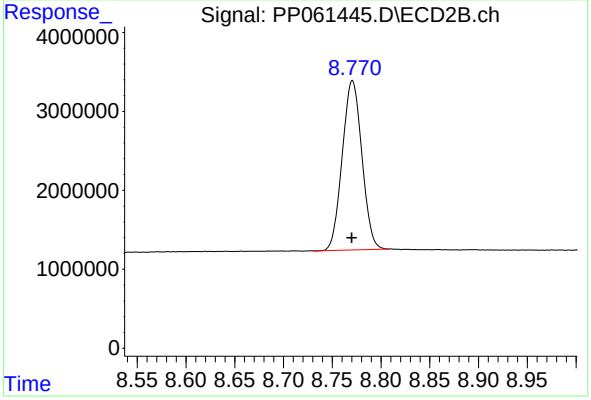
#1 Tetrachloro-m-xylene

R.T.: 3.699 min
Delta R.T.: 0.006 min
Response: 34769054
Conc: 23.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.555 min
Delta R.T.: 0.010 min
Response: 38198843
Conc: 20.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: 0.000 min
Response: 30023400
Conc: 19.55 ng/ml

Raw Data: **PO098875.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	10/24/23
Project:	245 Greenwood Ave	Date Received:	10/24/23
Client Sample ID:	PIBLK-PO098875.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PO098875.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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO098875.D	1		10/24/23	PO102423

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.00015	U	0.00015	0.00050	mg/L
11104-28-2	Aroclor-1221	0.00022	U	0.00022	0.00050	mg/L
11141-16-5	Aroclor-1232	0.00018	U	0.00018	0.00050	mg/L
53469-21-9	Aroclor-1242	0.00018	U	0.00018	0.00050	mg/L
12672-29-6	Aroclor-1248	0.00015	U	0.00015	0.00050	mg/L
11097-69-1	Aroclor-1254	0.00015	U	0.00015	0.00050	mg/L
11096-82-5	Aroclor-1260	0.00016	U	0.00016	0.00050	mg/L
37324-23-5	Aroclor-1262	0.00016	U	0.00016	0.00050	mg/L
11100-14-4	Aroclor-1268	0.00013	U	0.00013	0.00050	mg/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		70 (60) - 130 (140)	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.1		70 (60) - 130 (140)	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\PO102423\
Data File : PO098875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:01
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: Oct 25 06:12:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.477	3.632	34297488	12228025	17.358	16.991
2)	SA Decachlor...	10.279	8.629	20564949	10041146	18.153	18.715
	Target Compounds						

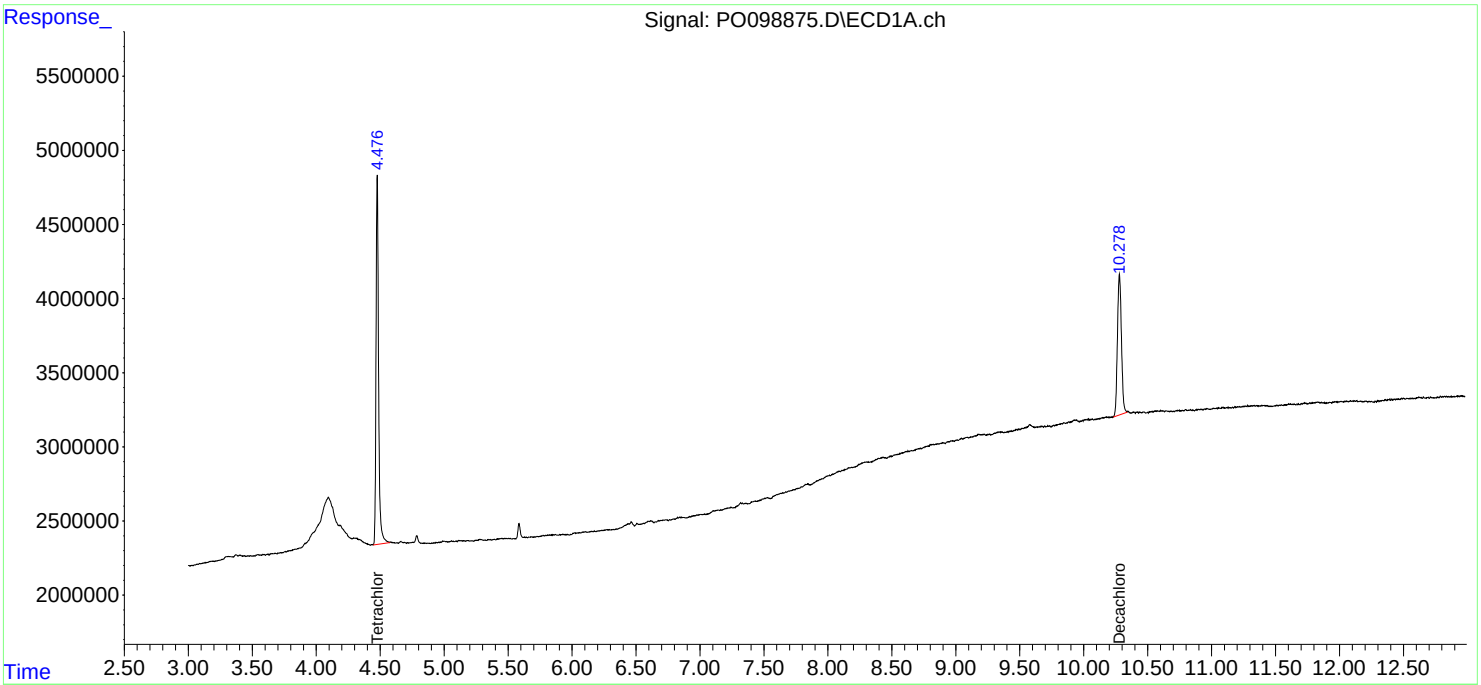
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

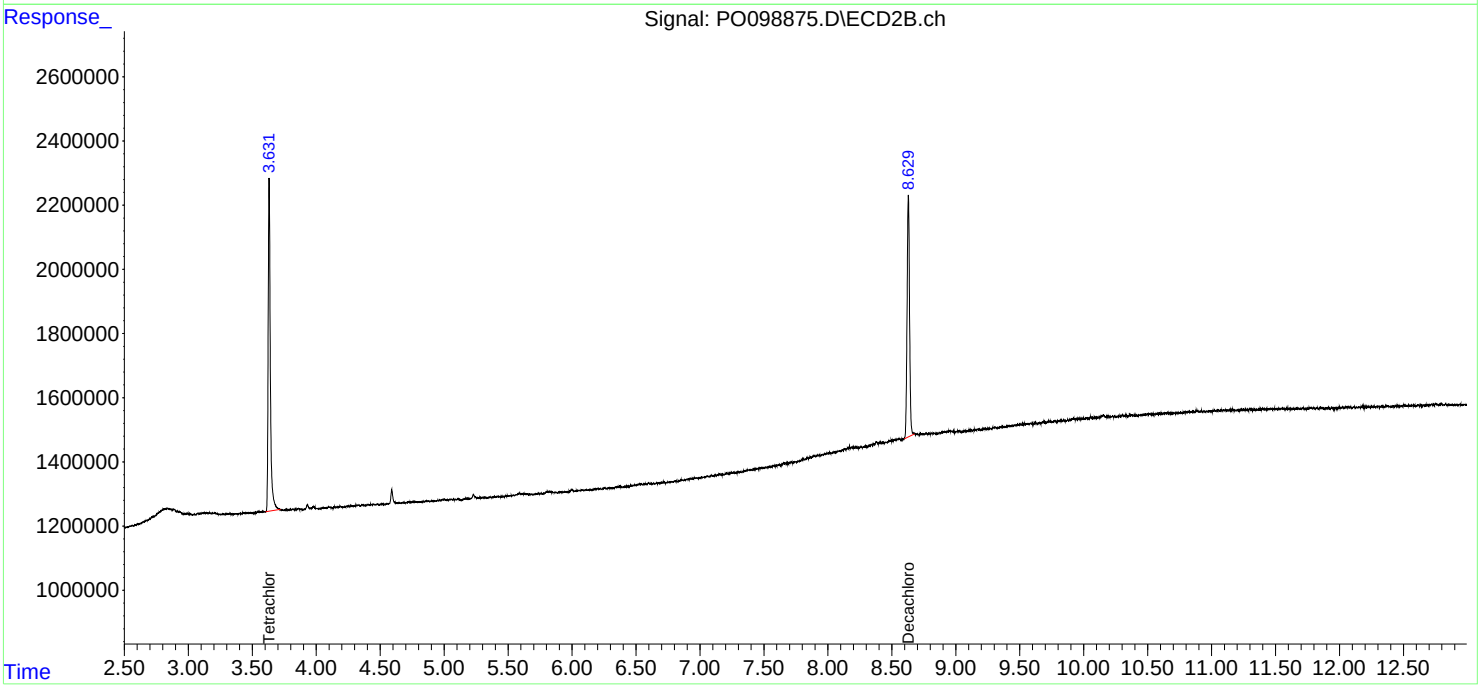
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102423\
Data File : PO098875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Oct 2023 21:01
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

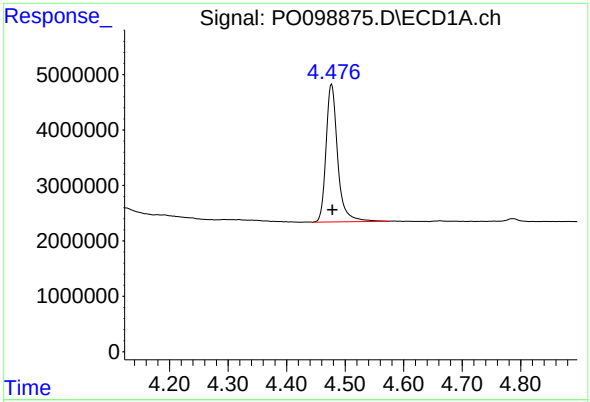
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 06:12:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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



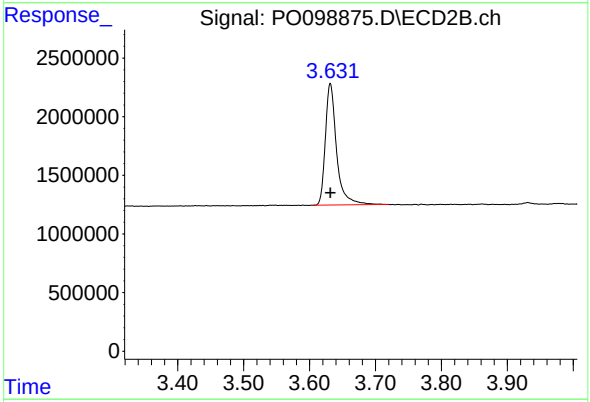




#1 Tetrachloro-m-xylene

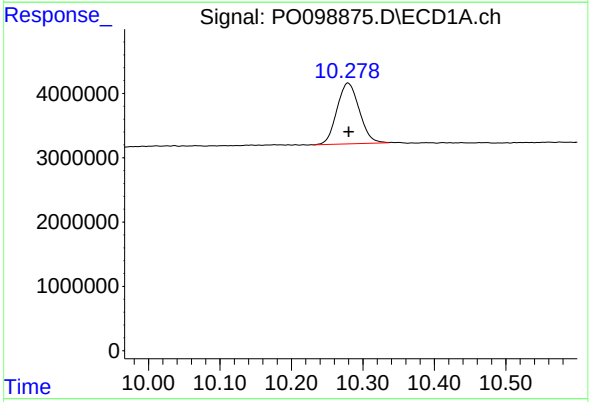
R.T.: 4.477 min
Delta R.T.: -0.001 min
Response: 34297488
Conc: 17.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



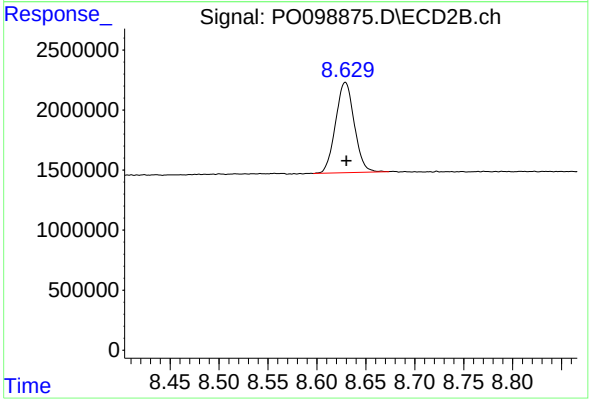
#1 Tetrachloro-m-xylene

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 12228025
Conc: 16.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.279 min
Delta R.T.: -0.001 min
Response: 20564949
Conc: 18.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.629 min
Delta R.T.: -0.001 min
Response: 10041146
Conc: 18.71 ng/ml

Raw Data: **PO099452.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/07/23
Project:	245 Greenwood Ave	Date Received:	11/07/23
Client Sample ID:	PIBLK-PO099452.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PO099452.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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099452.D	1		11/07/23	PO110723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.00015	U	0.00015	0.00050	mg/L
11104-28-2	Aroclor-1221	0.00022	U	0.00022	0.00050	mg/L
11141-16-5	Aroclor-1232	0.00018	U	0.00018	0.00050	mg/L
53469-21-9	Aroclor-1242	0.00018	U	0.00018	0.00050	mg/L
12672-29-6	Aroclor-1248	0.00015	U	0.00015	0.00050	mg/L
11097-69-1	Aroclor-1254	0.00015	U	0.00015	0.00050	mg/L
11096-82-5	Aroclor-1260	0.00016	U	0.00016	0.00050	mg/L
37324-23-5	Aroclor-1262	0.00016	U	0.00016	0.00050	mg/L
11100-14-4	Aroclor-1268	0.00013	U	0.00013	0.00050	mg/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.9		70 (60) - 130 (140)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.0		70 (60) - 130 (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

Sample Results: **PO099452.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 09:36
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:04:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.467	3.622	37952556	13576168	19.207	18.864m
2)	SA Decachlor...	10.262	8.613	26994127	11256183	23.828	20.980
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 09:36
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

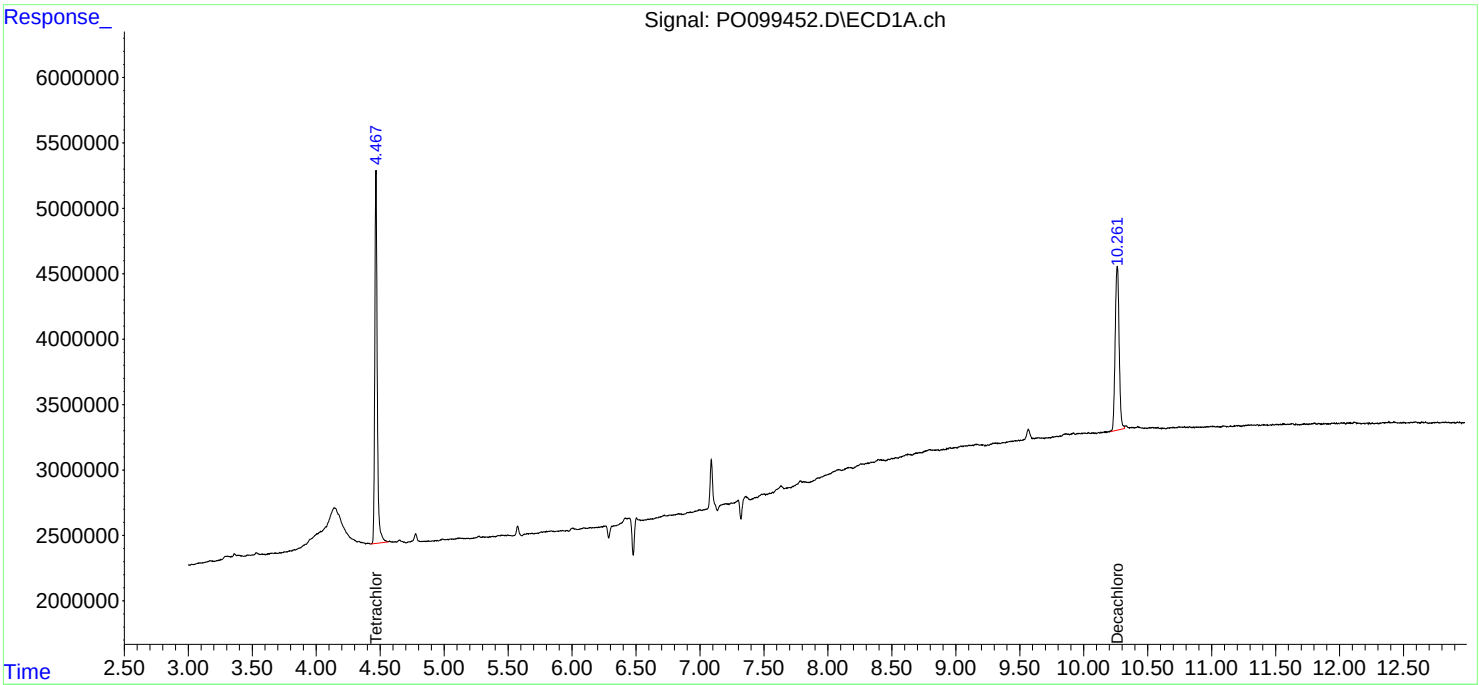
Instrument :
ECD_O
ClientSampleId :
I.BLK

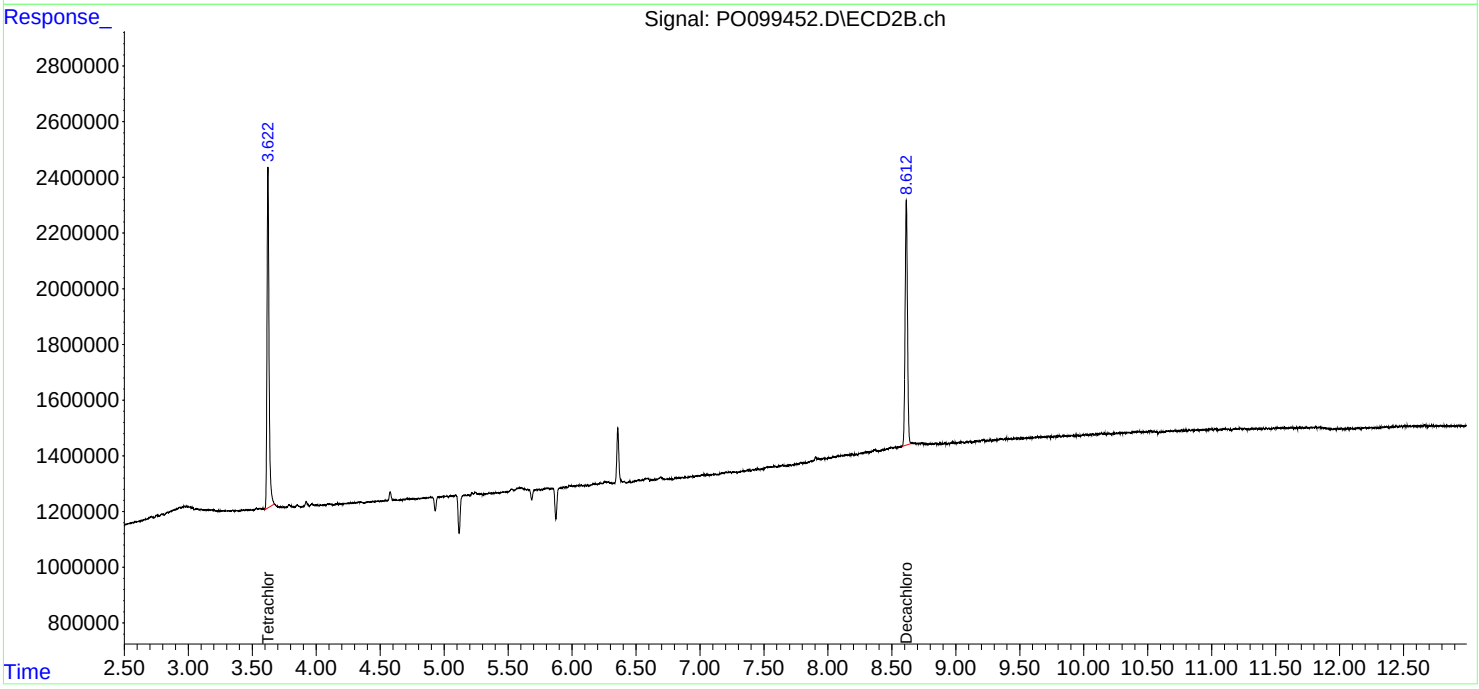
Manual Integrations APPROVED

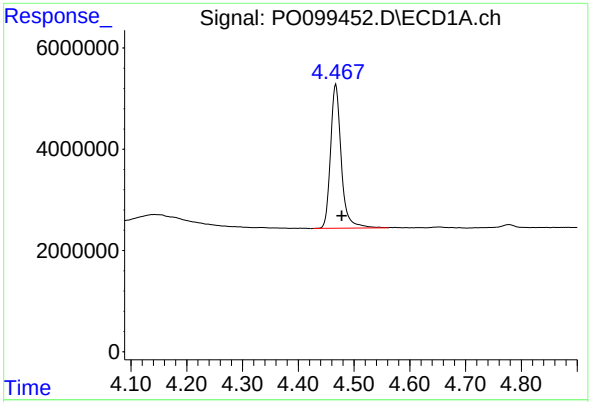
Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:04:00 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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







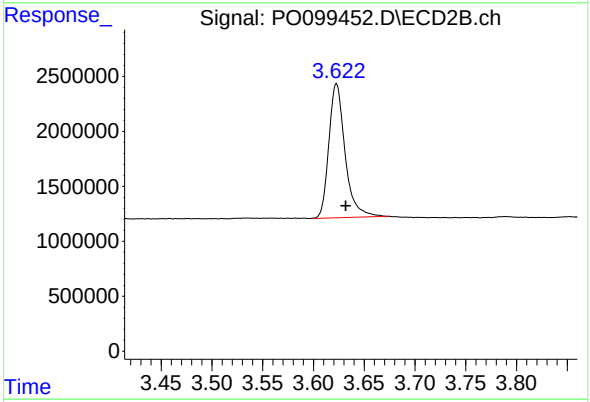
#1 Tetrachloro-m-xylene

R.T.: 4.467 min
Delta R.T.: -0.011 min
Response: 37952556
Conc: 19.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

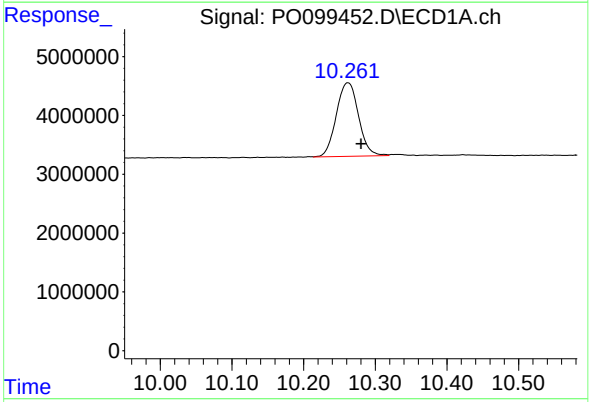
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023



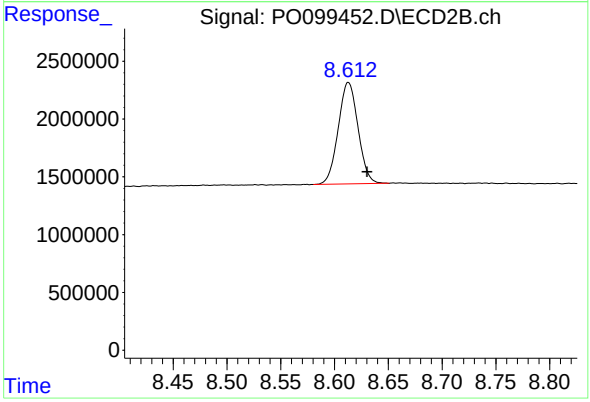
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.009 min
Response: 13576168
Conc: 18.86 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.262 min
Delta R.T.: -0.018 min
Response: 26994127
Conc: 23.83 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.613 min
Delta R.T.: -0.017 min
Response: 11256183
Conc: 20.98 ng/ml

Raw Data: **PO099464.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/07/23
Project:	245 Greenwood Ave	Date Received:	11/07/23
Client Sample ID:	PIBLK-PO099464.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PO099464.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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099464.D	1		11/07/23	PO110723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.00015	U	0.00015	0.00050	mg/L
11104-28-2	Aroclor-1221	0.00022	U	0.00022	0.00050	mg/L
11141-16-5	Aroclor-1232	0.00018	U	0.00018	0.00050	mg/L
53469-21-9	Aroclor-1242	0.00018	U	0.00018	0.00050	mg/L
12672-29-6	Aroclor-1248	0.00015	U	0.00015	0.00050	mg/L
11097-69-1	Aroclor-1254	0.00015	U	0.00015	0.00050	mg/L
11096-82-5	Aroclor-1260	0.00016	U	0.00016	0.00050	mg/L
37324-23-5	Aroclor-1262	0.00016	U	0.00016	0.00050	mg/L
11100-14-4	Aroclor-1268	0.00013	U	0.00013	0.00050	mg/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.0		70 (60) - 130 (140)	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		70 (60) - 130 (140)	94%	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\PO110723\
Data File : PO099464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 13:34
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 07 22:07:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.468	3.624	35519918	13407670	17.976	18.630
2)	SA Decachlor...	10.265	8.616	24047375	10068786	21.227	18.766
	Target Compounds						

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

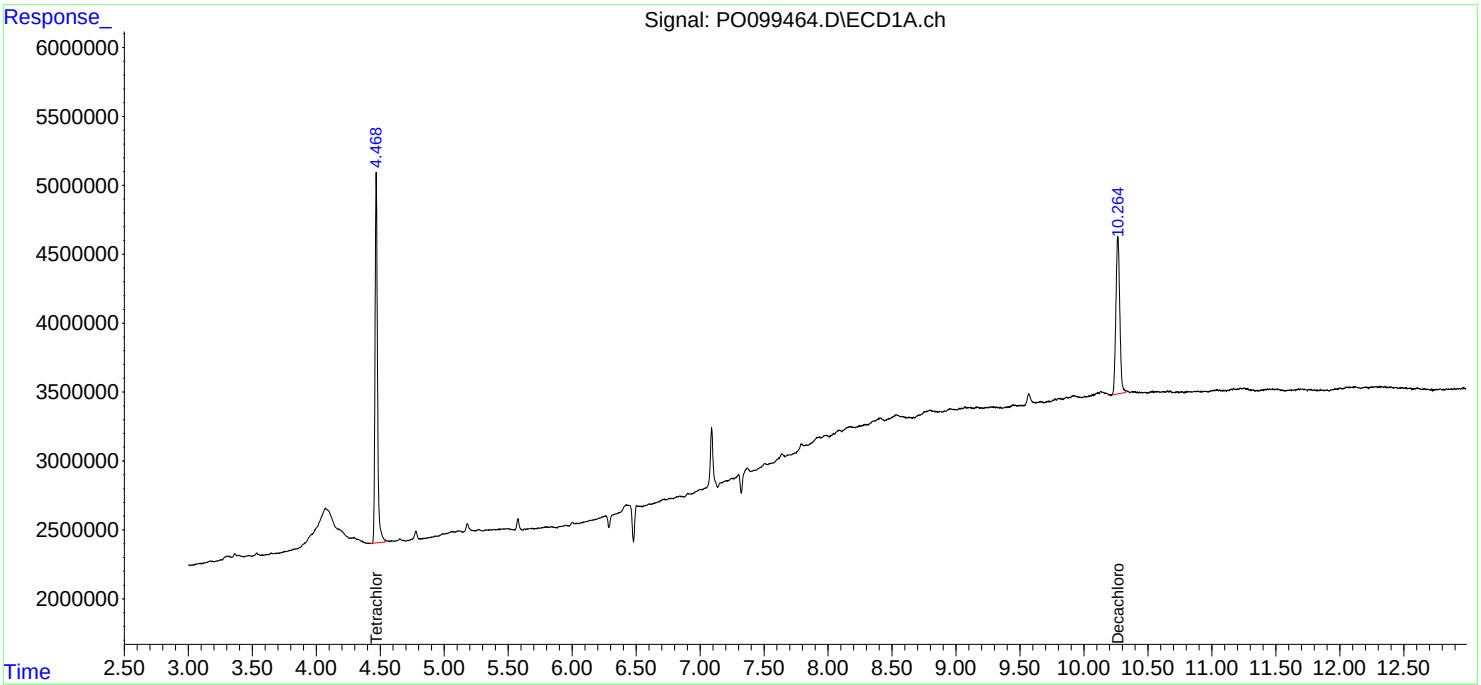
Sample Results: **PO099464.D**

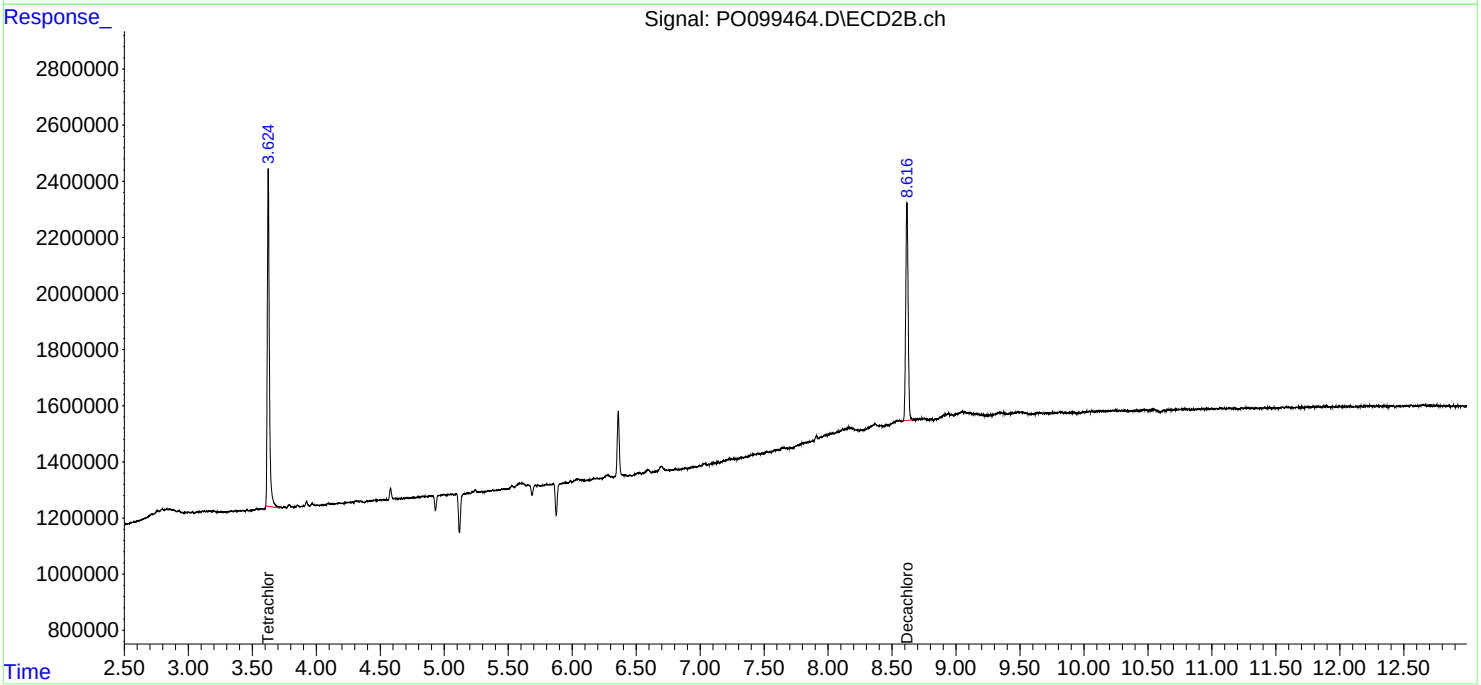
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099464.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 13:34
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

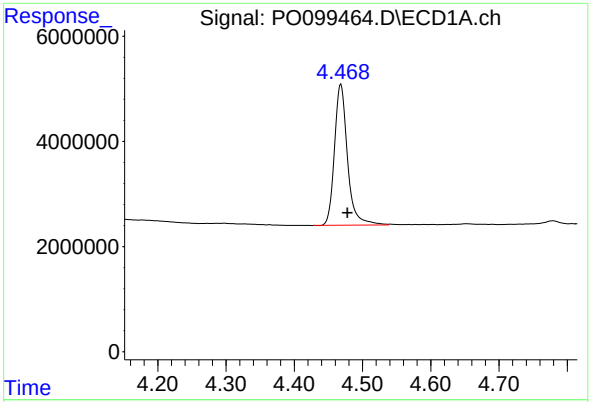
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:07:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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



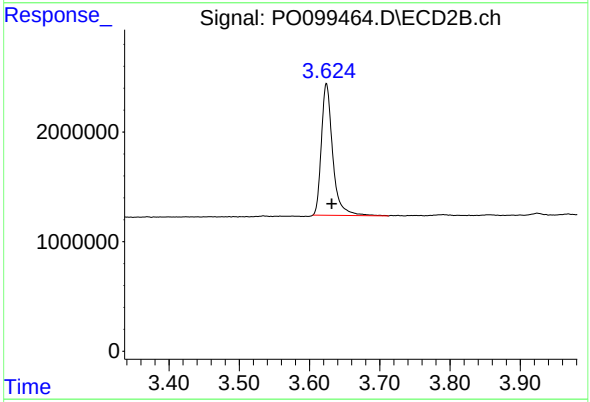




#1 Tetrachloro-m-xylene

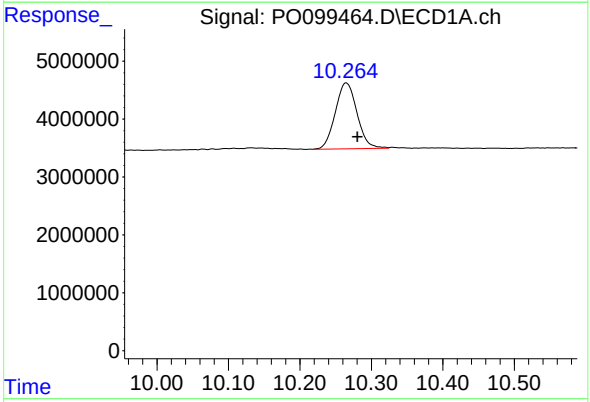
R.T.: 4.468 min
Delta R.T.: -0.010 min
Response: 35519918
Conc: 17.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



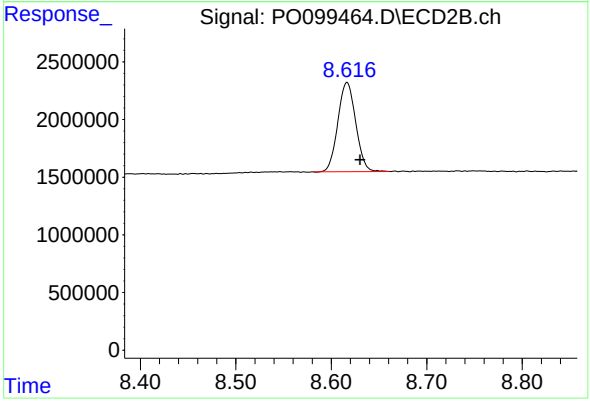
#1 Tetrachloro-m-xylene

R.T.: 3.624 min
Delta R.T.: -0.007 min
Response: 13407670
Conc: 18.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.265 min
Delta R.T.: -0.015 min
Response: 24047375
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.616 min
Delta R.T.: -0.014 min
Response: 10068786
Conc: 18.77 ng/ml

Raw Data: **PP061281.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	10/27/23
Project:	245 Greenwood Ave	Date Received:	10/27/23
Client Sample ID:	PIBLK-PP061281.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PP061281.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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061281.D	1		10/27/23	PP102723

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.00015	U	0.00015	0.00050	mg/L
11104-28-2	Aroclor-1221	0.00022	U	0.00022	0.00050	mg/L
11141-16-5	Aroclor-1232	0.00018	U	0.00018	0.00050	mg/L
53469-21-9	Aroclor-1242	0.00018	U	0.00018	0.00050	mg/L
12672-29-6	Aroclor-1248	0.00015	U	0.00015	0.00050	mg/L
11097-69-1	Aroclor-1254	0.00015	U	0.00015	0.00050	mg/L
11096-82-5	Aroclor-1260	0.00016	U	0.00016	0.00050	mg/L
37324-23-5	Aroclor-1262	0.00016	U	0.00016	0.00050	mg/L
11100-14-4	Aroclor-1268	0.00013	U	0.00013	0.00050	mg/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.1		70 (60) - 130 (140)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	24.4		70 (60) - 130 (140)	122%	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

Sample Results: **PP061281.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 10:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:46:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.561	3.695	57142004	36719096	23.133	24.570
2)	SA Decachlor...	10.539	8.767	46033019	37529469	24.412	24.438
	Target Compounds						

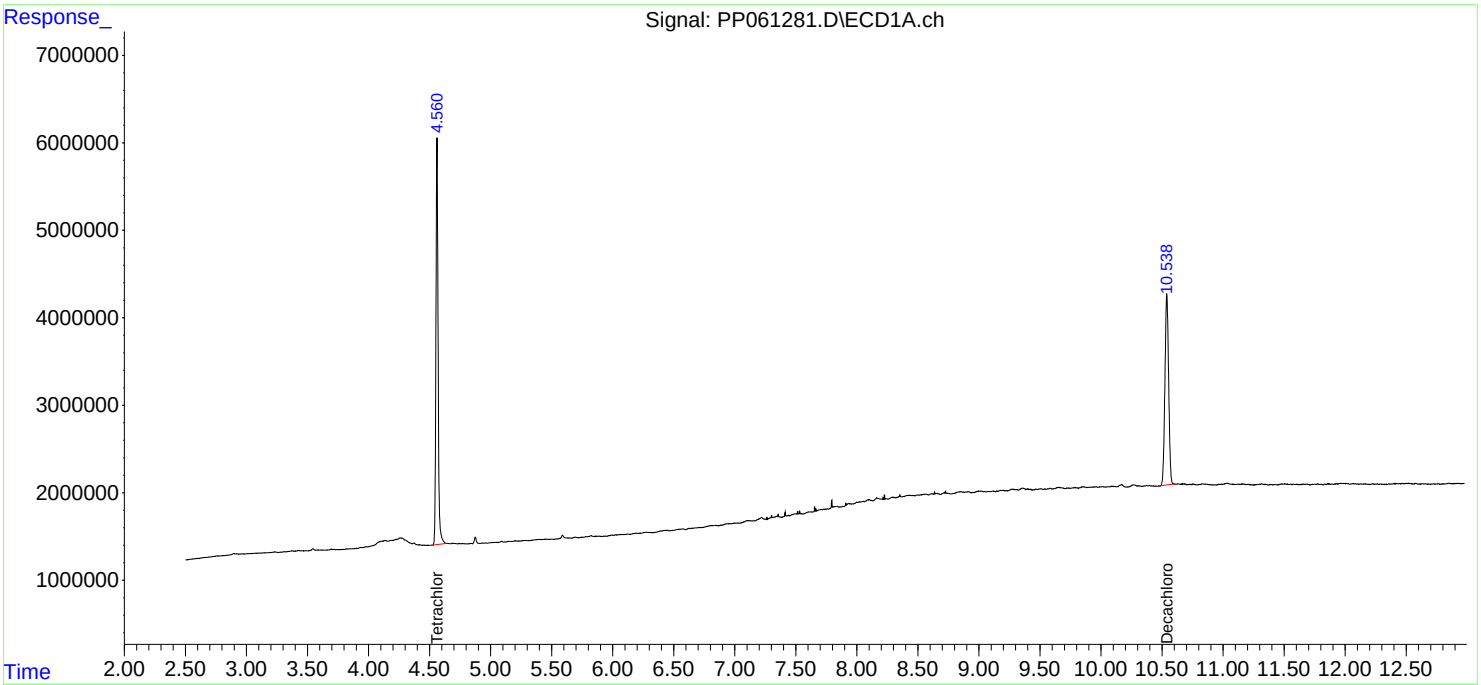
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

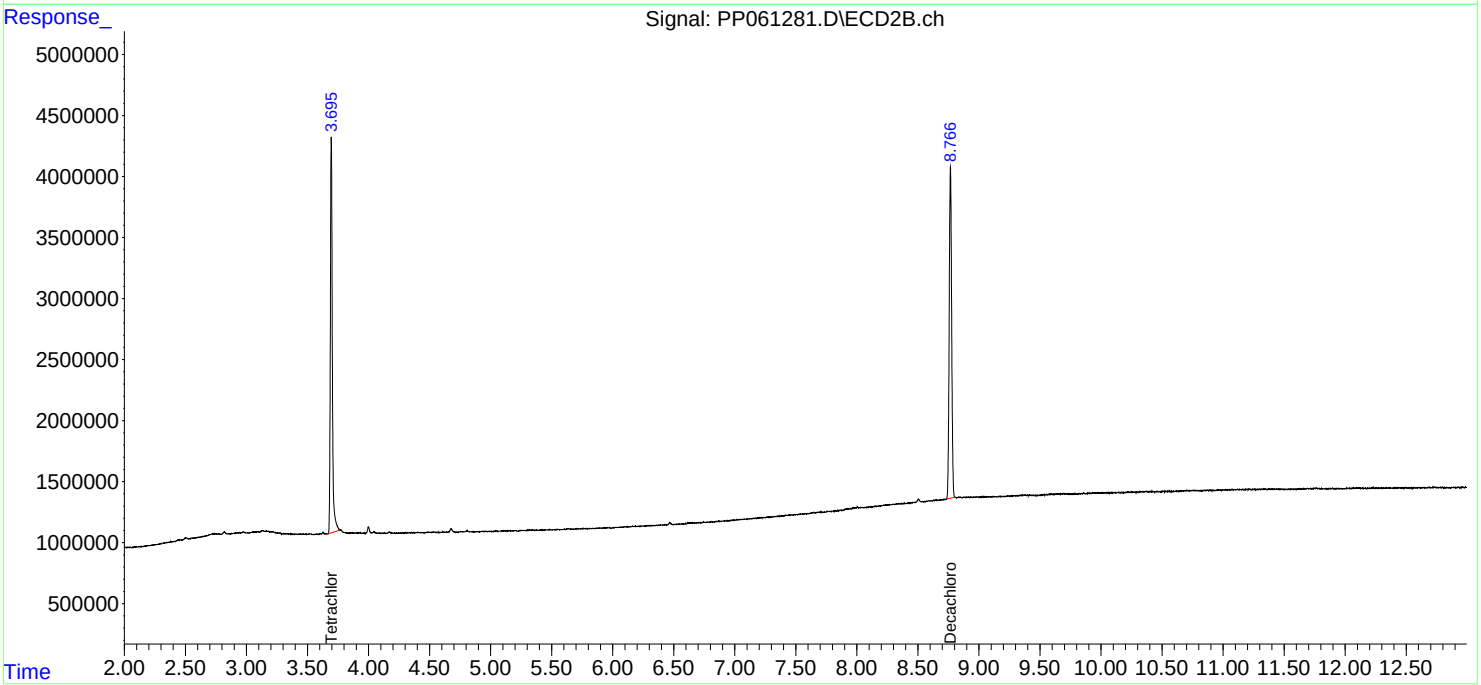
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102723\
Data File : PP061281.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2023 10:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

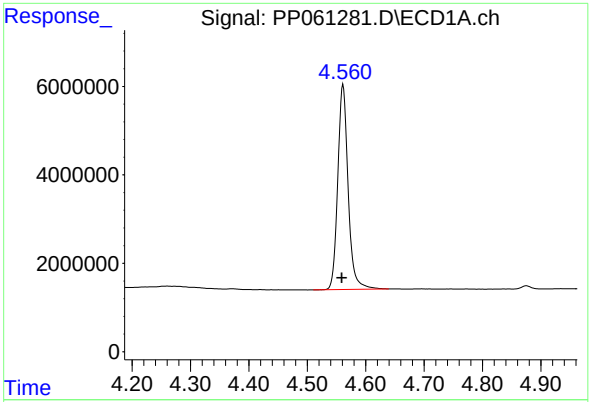
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 18:46:29 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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



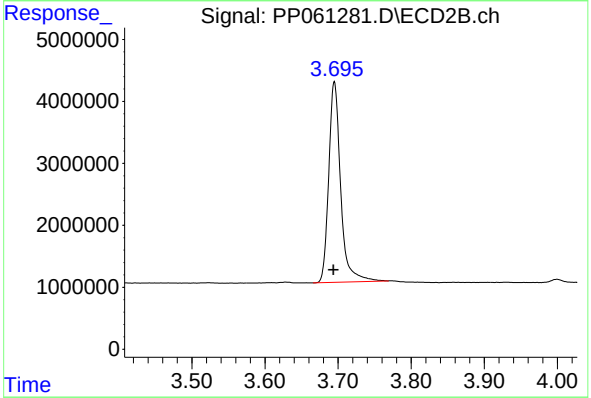




#1 Tetrachloro-m-xylene

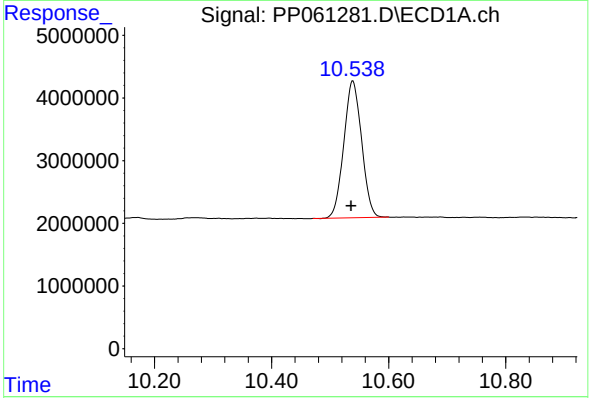
R.T.: 4.561 min
Delta R.T.: 0.002 min
Response: 57142004
Conc: 23.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



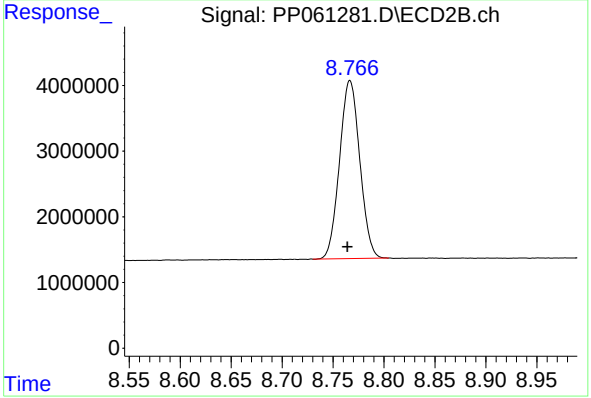
#1 Tetrachloro-m-xylene

R.T.: 3.695 min
Delta R.T.: 0.001 min
Response: 36719096
Conc: 24.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.539 min
Delta R.T.: 0.003 min
Response: 46033019
Conc: 24.41 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.767 min
Delta R.T.: 0.002 min
Response: 37529469
Conc: 24.44 ng/ml

Raw Data: **PP061444.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PP061444.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PP061444.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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061444.D	1		11/06/23	PP110623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.00015	U	0.00015	0.00050	mg/L
11104-28-2	Aroclor-1221	0.00022	U	0.00022	0.00050	mg/L
11141-16-5	Aroclor-1232	0.00018	U	0.00018	0.00050	mg/L
53469-21-9	Aroclor-1242	0.00018	U	0.00018	0.00050	mg/L
12672-29-6	Aroclor-1248	0.00015	U	0.00015	0.00050	mg/L
11097-69-1	Aroclor-1254	0.00015	U	0.00015	0.00050	mg/L
11096-82-5	Aroclor-1260	0.00016	U	0.00016	0.00050	mg/L
37324-23-5	Aroclor-1262	0.00016	U	0.00016	0.00050	mg/L
11100-14-4	Aroclor-1268	0.00013	U	0.00013	0.00050	mg/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	26.7	*	70 (60) - 130 (140)	133%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		70 (60) - 130 (140)	113%	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

Sample Results: **PP061444.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 11:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:09:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.571	3.697	65878136	41395594	26.669	27.699m
2)	SA Decachlor...	10.560	8.771	45113199	34736544	23.924m	22.619
	Target Compounds						

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

Sample Results: **PP061444.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061444.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 11:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

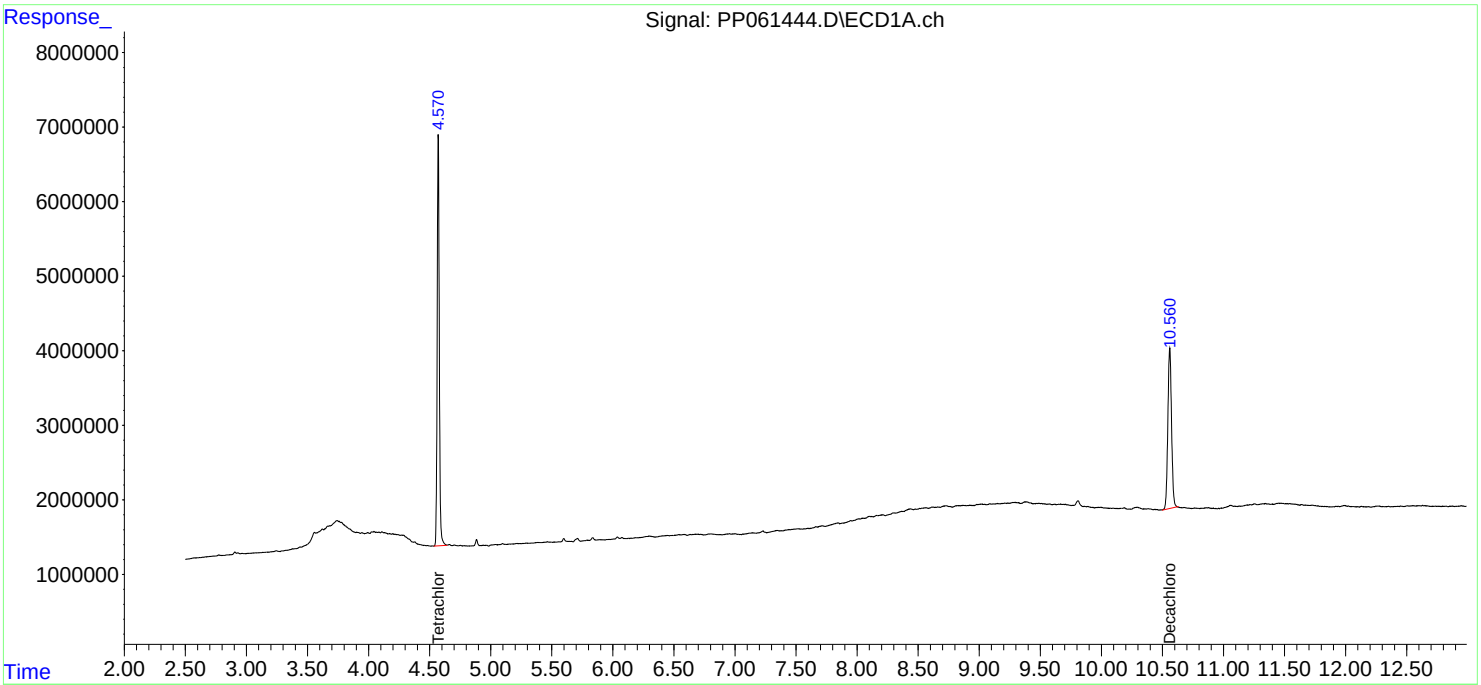
Instrument :
ECD_P
ClientSampleId :
I.BLK

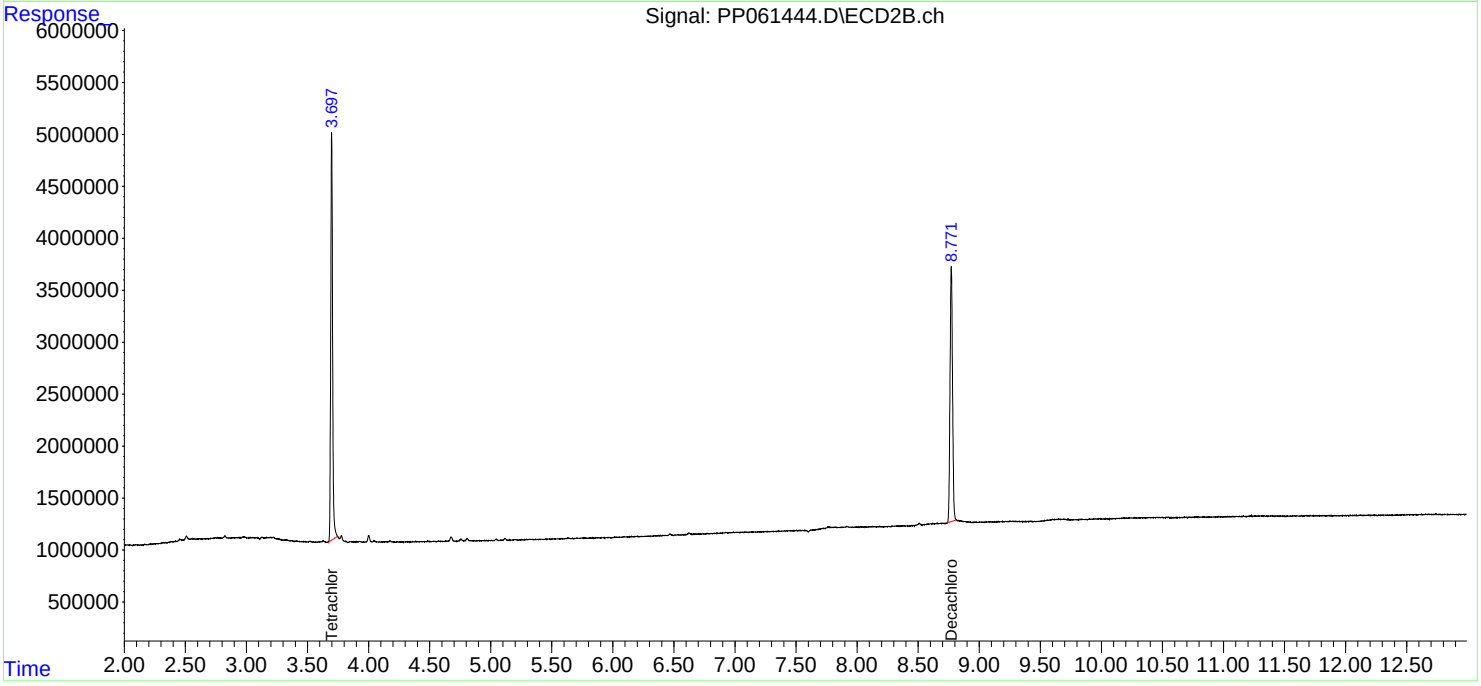
Manual Integrations APPROVED

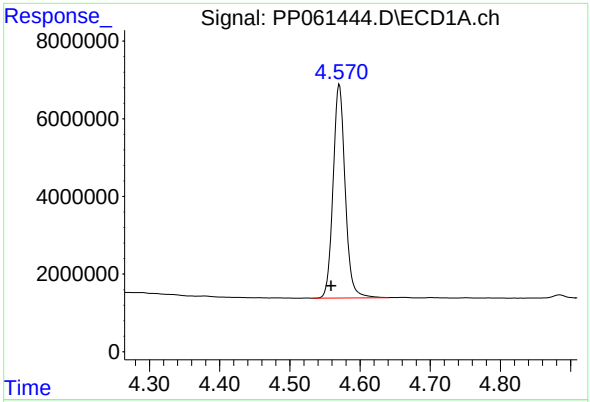
Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:09:48 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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







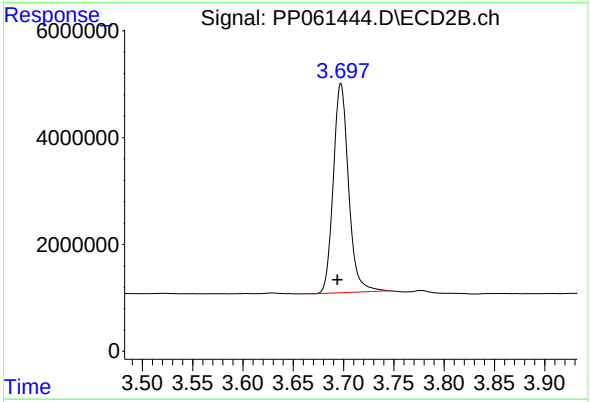
#1 Tetrachloro-m-xylene

R.T.: 4.571 min
Delta R.T.: 0.012 min
Response: 65878136
Conc: 26.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

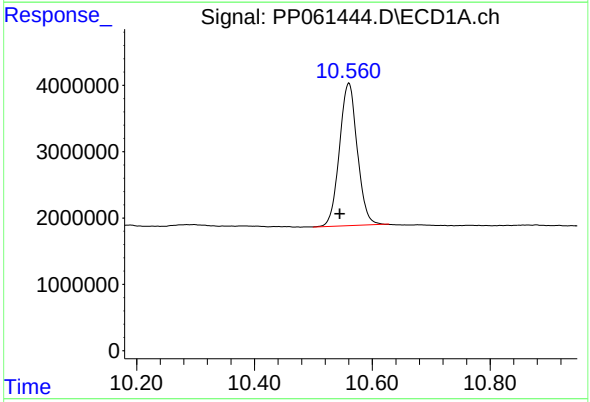
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



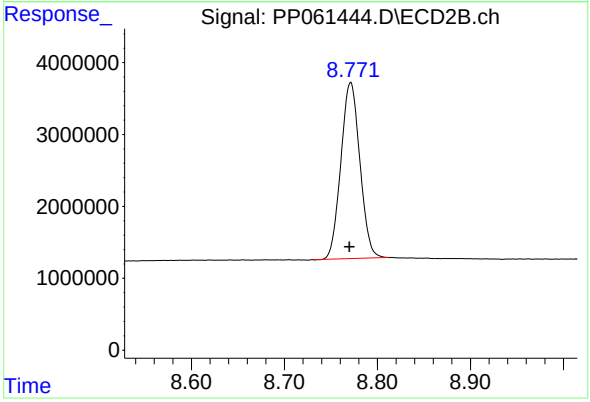
#1 Tetrachloro-m-xylene

R.T.: 3.697 min
Delta R.T.: 0.003 min
Response: 41395594
Conc: 27.70 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.560 min
Delta R.T.: 0.015 min
Response: 45113199
Conc: 23.92 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: 0.001 min
Response: 34736544
Conc: 22.62 ng/ml

Raw Data: **PP061459.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/06/23
Project:	245 Greenwood Ave	Date Received:	11/06/23
Client Sample ID:	PIBLK-PP061459.D	SDG No.:	O5252
Lab Sample ID:	I.BLK-PP061459.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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061459.D	1		11/06/23	PP110623

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.00015	U	0.00015	0.00050	mg/L
11104-28-2	Aroclor-1221	0.00022	U	0.00022	0.00050	mg/L
11141-16-5	Aroclor-1232	0.00018	U	0.00018	0.00050	mg/L
53469-21-9	Aroclor-1242	0.00018	U	0.00018	0.00050	mg/L
12672-29-6	Aroclor-1248	0.00015	U	0.00015	0.00050	mg/L
11097-69-1	Aroclor-1254	0.00015	U	0.00015	0.00050	mg/L
11096-82-5	Aroclor-1260	0.00016	U	0.00016	0.00050	mg/L
37324-23-5	Aroclor-1262	0.00016	U	0.00016	0.00050	mg/L
11100-14-4	Aroclor-1268	0.00013	U	0.00013	0.00050	mg/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		70 (60) - 130 (140)	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		70 (60) - 130 (140)	80%	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

Sample Results: **PP061459.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:15:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.571	3.704	44986726	29604068	18.212	19.809
2)	SA Decachlor...	10.559	8.779	33419860	24475887	17.723m	15.938
	Target Compounds						

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

Sample Results: **PP061459.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 17:17
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

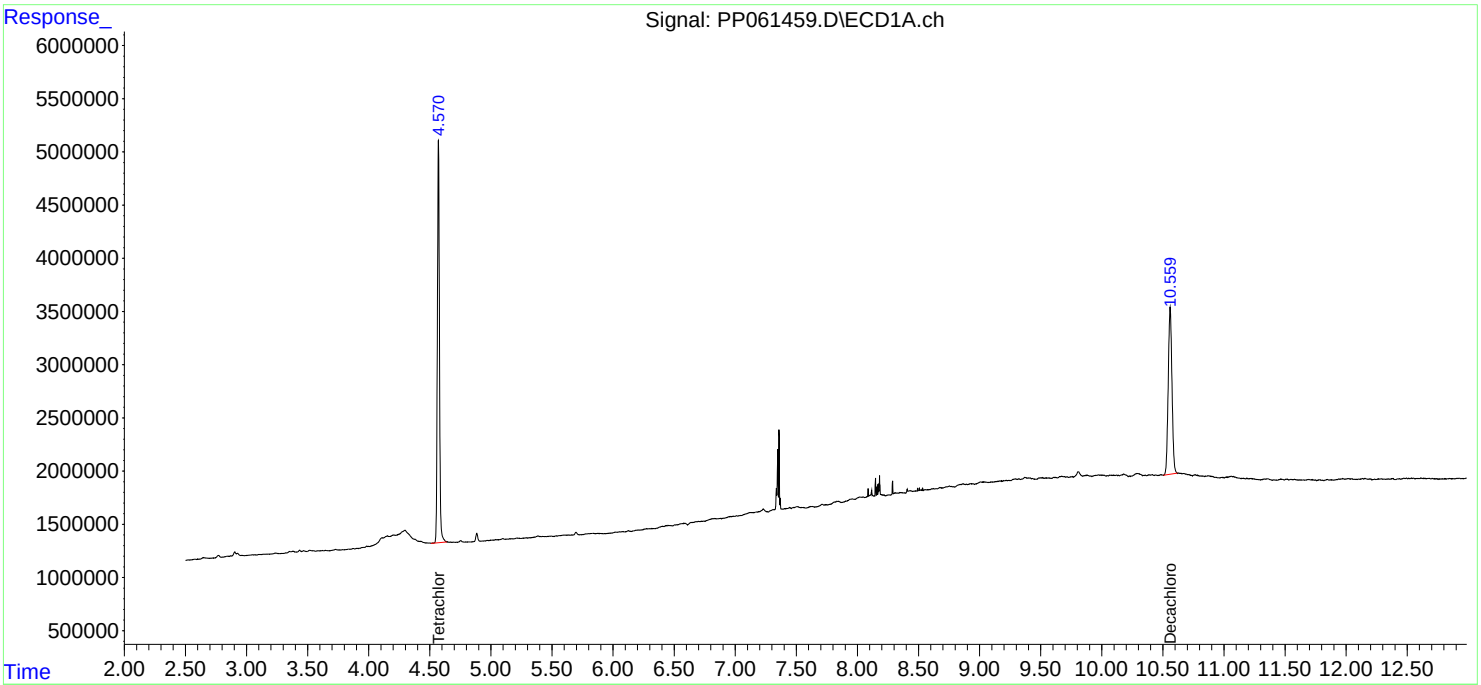
Instrument :
ECD_P
ClientSampleId :
I.BLK

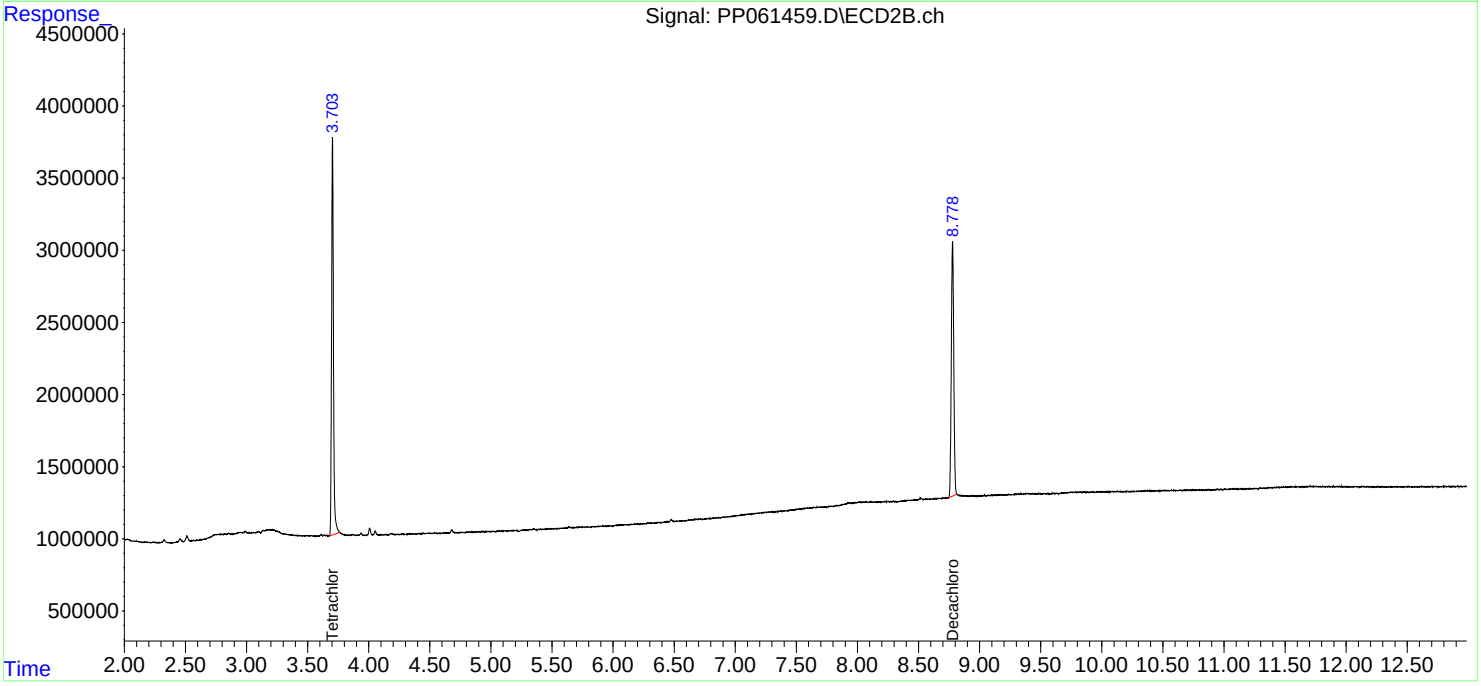
Manual Integrations APPROVED

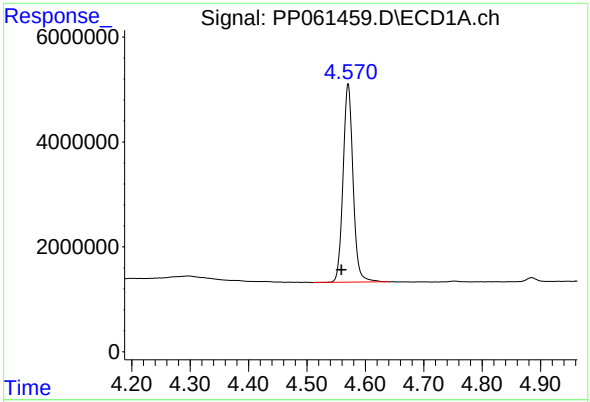
Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:15:28 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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







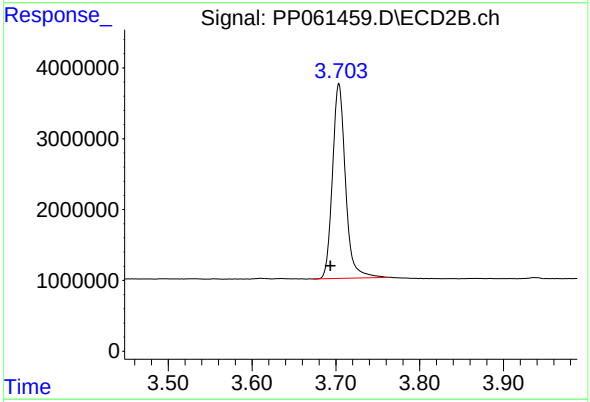
#1 Tetrachloro-m-xylene

R.T.: 4.571 min
Delta R.T.: 0.012 min
Response: 44986726
Conc: 18.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

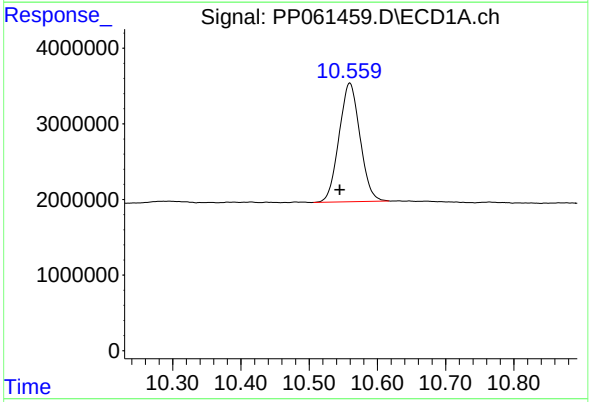
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/07/2023
Supervised By :Ankita Jodhani 11/07/2023



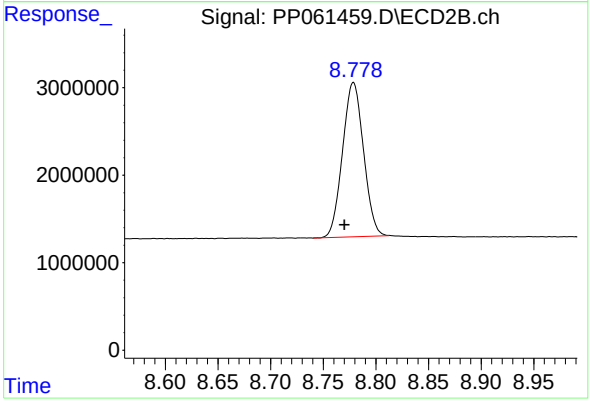
#1 Tetrachloro-m-xylene

R.T.: 3.704 min
Delta R.T.: 0.010 min
Response: 29604068
Conc: 19.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.559 min
Delta R.T.: 0.014 min
Response: 33419860
Conc: 17.72 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: 0.009 min
Response: 24475887
Conc: 15.94 ng/ml

Raw Data: **PP061446.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	
Project:	245 Greenwood Ave	Date Received:	
Client Sample ID:	PB156919BS	SDG No.:	O5252
Lab Sample ID:	PB156919BS	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
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP061446.D	1	11/06/23 09:10	11/06/23 13:44	PB156919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	0.18		0.0036	0.017	mg/Kg
11104-28-2	Aroclor-1221	0.0059	U	0.0059	0.017	mg/Kg
11141-16-5	Aroclor-1232	0.0045	U	0.0045	0.017	mg/Kg
53469-21-9	Aroclor-1242	0.0031	U	0.0031	0.017	mg/Kg
12672-29-6	Aroclor-1248	0.0028	U	0.0028	0.017	mg/Kg
11097-69-1	Aroclor-1254	0.0038	U	0.0038	0.017	mg/Kg
37324-23-5	Aroclor-1262	0.0027	U	0.0027	0.017	mg/Kg
11100-14-4	Aroclor-1268	0.0033	U	0.0033	0.017	mg/Kg
11096-82-5	Aroclor-1260	0.16		0.0033	0.017	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.2		30 (40) - 150 (162)	116%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.2		30 (32) - 150 (175)	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_P\Data\PP110623\
Data File : PP061446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 13:44
Operator : YP\AJ
Sample : PB156919BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB156919BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:10:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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...	4.565	3.699	57209883	34576619	23.160	23.136
2)	SA Decachlor...	10.552	8.770	39941832	31251123	21.181	20.350
	Target Compounds						
3)	L1 AR-1016-1	5.758	4.797	43045469	26390275	528.953	509.914
4)	L1 AR-1016-2	5.782	4.816	60955588	35802023	524.185	506.213
5)	L1 AR-1016-3	5.845	4.994	37172873	20069591	525.660	508.713
6)	L1 AR-1016-4	5.945	5.037	30781916	16008200	527.345	508.900
7)	L1 AR-1016-5	6.244	5.252	30928262	20809697	538.730	495.017
31)	L7 AR-1260-1	7.387	6.295	52919083	39417774	470.419	484.461
32)	L7 AR-1260-2	7.647	6.485	59600011	46039062	460.691	472.048
33)	L7 AR-1260-3	8.011	6.639	38099261	44754469	448.592	483.577
34)	L7 AR-1260-4	8.246	7.115	47032046	33856036	465.296	461.730
35)	L7 AR-1260-5	8.585	7.358	90177204	76968273	465.594	450.736

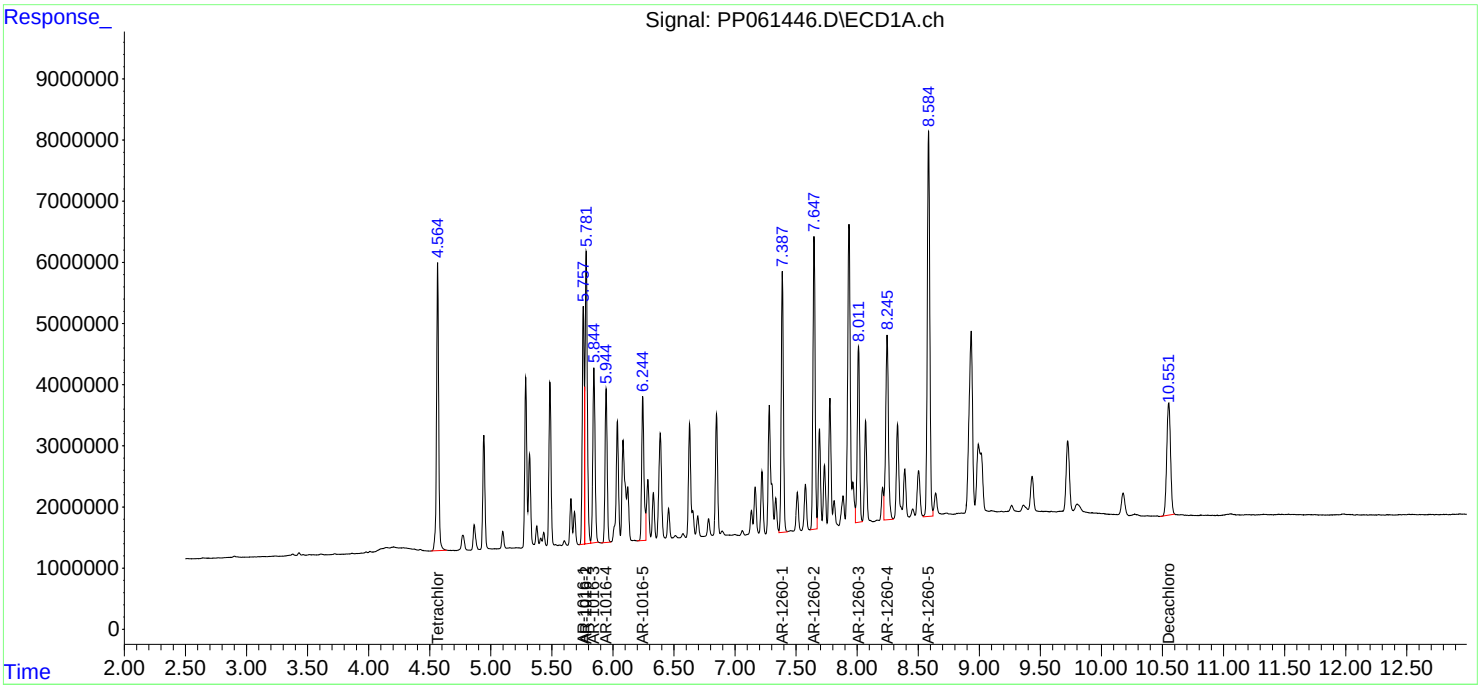
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

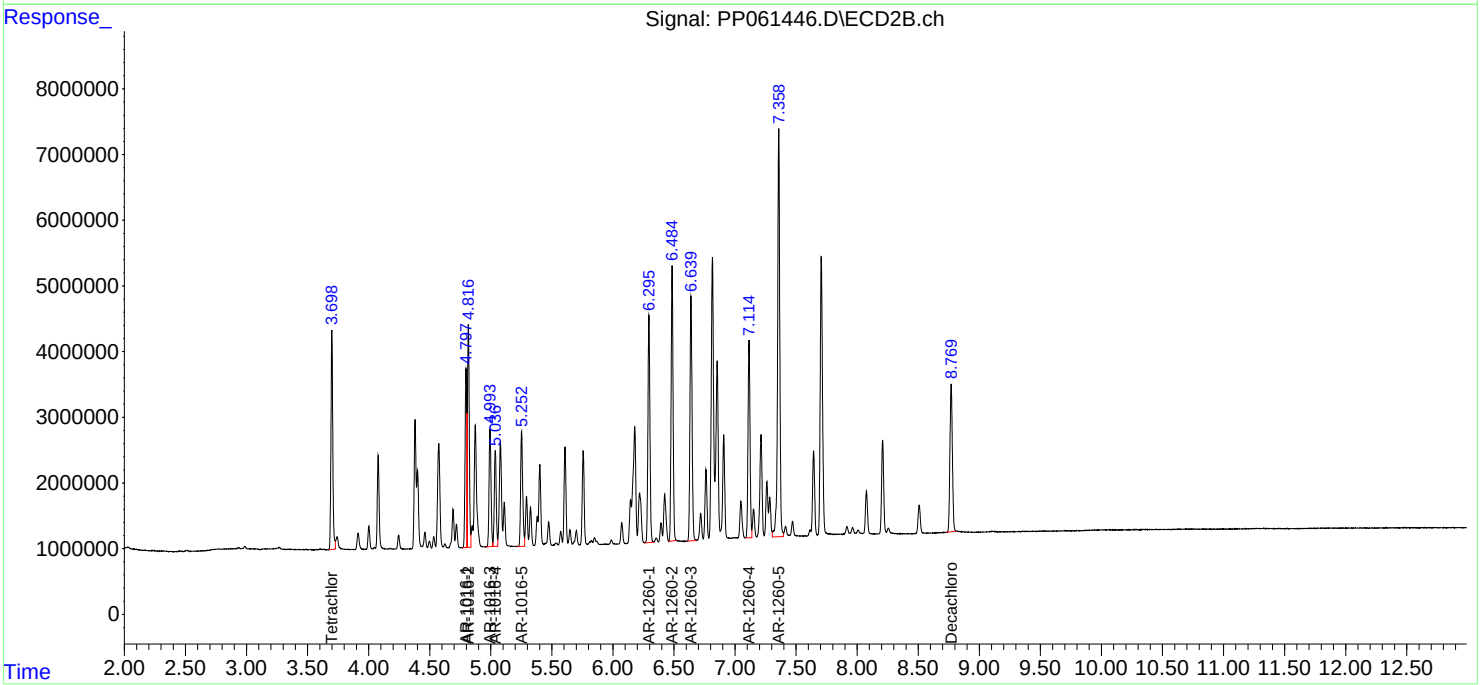
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP110623\
Data File : PP061446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Nov 2023 13:44
Operator : YP\AJ
Sample : PB156919BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB156919BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 06 23:10:23 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 27 18:44:48 2023
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





Raw Data: **PO099457.D**

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

Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	P001-WC01-01MS	SDG No.:	O5252
Lab Sample ID:	O5255-02MS	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.2 Decanted:
Sample Wt/Vol:	10.07 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099457.D	1	11/06/23 09:10	11/07/23 11:01	PB156919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1.30	E	0.013	0.059	mg/Kg
11104-28-2	Aroclor-1221	0.021	U	0.021	0.059	mg/Kg
11141-16-5	Aroclor-1232	0.016	U	0.016	0.059	mg/Kg
53469-21-9	Aroclor-1242	0.011	U	0.011	0.059	mg/Kg
12672-29-6	Aroclor-1248	0.0099	U	0.0099	0.059	mg/Kg
11097-69-1	Aroclor-1254	3.80	EP	0.013	0.059	mg/Kg
37324-23-5	Aroclor-1262	0.0095	U	0.0095	0.059	mg/Kg
11100-14-4	Aroclor-1268	0.012	U	0.012	0.059	mg/Kg
11096-82-5	Aroclor-1260	4.60	EP	0.012	0.059	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	12.5		30 (40) - 150 (162)	63%	SPK: 20
2051-24-3	Decachlorobiphenyl	30.7	*	30 (32) - 150 (175)	154%	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

Sample Results: **PO099457.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 11:01
Operator : YP/AJ
Sample : 05255-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-WC01-01MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:05:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.469	3.628	17905310	9016724	9.062m	12.529	#
2)	SA Decachlor...	10.264	8.618	34820399	11845444	30.736	22.078	#
	Target Compounds							
3)	L1 AR-1016-1	5.641	4.705	56889728	15880863	1033.113	709.159m	#
4)	L1 AR-1016-2	5.665	4.723	69902282	25232869	845.355	807.280m	
5)	L1 AR-1016-3	5.727	4.901	45705208	15823852	887.960	934.510	
6)	L1 AR-1016-4	5.827	4.942	27892326	28697347	686.269	1984.912	#
7)	L1 AR-1016-5	6.122	5.153	63033186	24756790	1485.121	1325.177	
26)	L6 AR-1254-1	6.501	5.506	142.9E6	65598644	2170.916	1851.325	
27)	L6 AR-1254-2	6.722	5.658	271.8E6	66297296	2823.174	2072.801	#
28)	L6 AR-1254-3	7.091	6.058	322.0E6	80430862	3602.025	1645.224	#
29)	L6 AR-1254-4	7.373	6.284	126.4E6	45189427	2307.704	1724.338	#
30)	L6 AR-1254-5	7.792	6.700	356.8E6	185.9E6	5298.578	4411.099	
31)	L7 AR-1260-1	7.251	6.185	184.8E6	86864625	2579.139	2462.470	
32)	L7 AR-1260-2	7.502	6.373	654.4E6	98005720	8294.793	2444.858	#
33)	L7 AR-1260-3	7.868	6.526	125.1E6	91314000	2290.497	2414.892	
34)	L7 AR-1260-4	8.095	6.997	207.6E6	46606675	3313.476	1612.884	#
35)	L7 AR-1260-5	8.419	7.240	329.5E6	134.6E6	3078.558	2236.882	#

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

Sample Results: **PO099457.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 11:01
Operator : YP/AJ
Sample : 05255-02MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

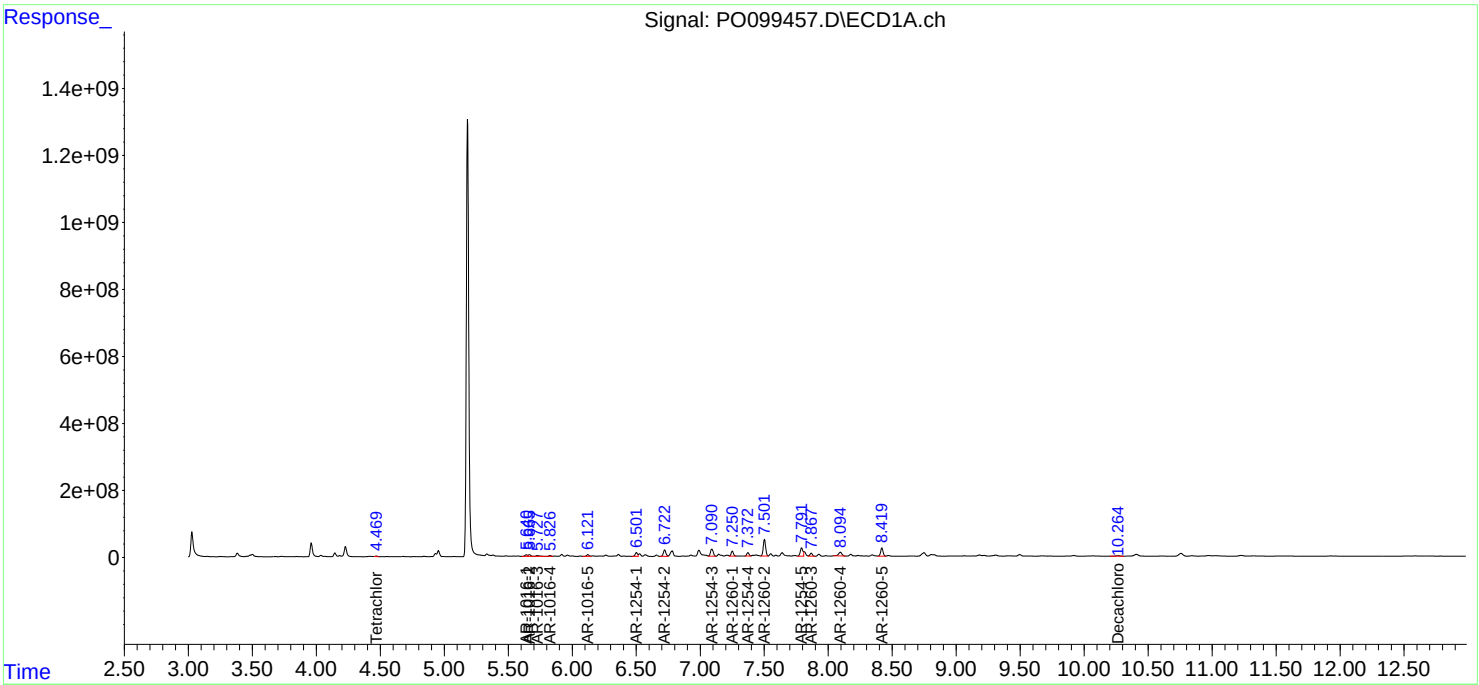
Instrument :
ECD_O
ClientSampleId :
P001-WC01-01MS

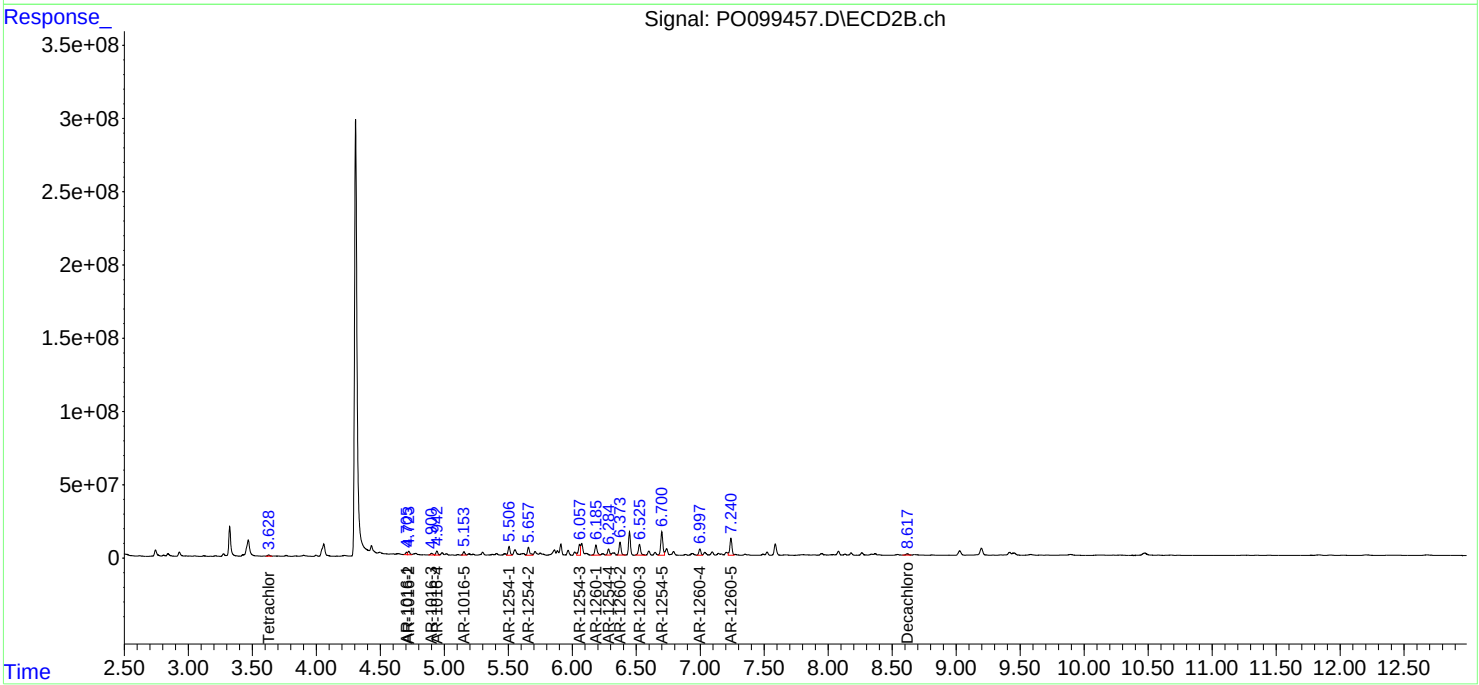
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:05:24 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





Raw Data: **PO099458.D**

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Report of Analysis

Client:	RMJ Environomics, Inc.	Date Collected:	11/03/23
Project:	245 Greenwood Ave	Date Received:	11/03/23
Client Sample ID:	P001-WC01-01MSD	SDG No.:	O5252
Lab Sample ID:	O5255-03MSD	Matrix:	SOIL
Analytical Method:	SW8082A	% Solid:	85.2 Decanted:
Sample Wt/Vol:	10.09 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO099458.D	1	11/06/23 09:10	11/07/23 11:18	PB156919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	1.30	E	0.013	0.059	mg/Kg
11104-28-2	Aroclor-1221	0.021	U	0.021	0.059	mg/Kg
11141-16-5	Aroclor-1232	0.016	U	0.016	0.059	mg/Kg
53469-21-9	Aroclor-1242	0.011	U	0.011	0.059	mg/Kg
12672-29-6	Aroclor-1248	0.0098	U	0.0098	0.059	mg/Kg
11097-69-1	Aroclor-1254	3.70	EP	0.013	0.059	mg/Kg
37324-23-5	Aroclor-1262	0.0095	U	0.0095	0.059	mg/Kg
11100-14-4	Aroclor-1268	0.012	U	0.012	0.059	mg/Kg
11096-82-5	Aroclor-1260	4.40	EP	0.012	0.059	mg/Kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	12.8		30 (40) - 150 (162)	64%	SPK: 20
2051-24-3	Decachlorobiphenyl	28.9		30 (32) - 150 (175)	145%	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

Sample Results: **PO099458.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 11:18
Operator : YP/AJ
Sample : 05255-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
P001-WC01-01MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:05:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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...	4.468	3.627	15891137	9189959	8.042m	12.770	#
2)	SA Decachlor...	10.265	8.617	32749704	11854376	28.909	22.094	
	Target Compounds							
3)	L1 AR-1016-1	5.640	4.704	56522808	14658007	1026.449	654.552m	#
4)	L1 AR-1016-2	5.664	4.722	73390628	23113821	887.541	739.485m	
5)	L1 AR-1016-3	5.728	4.900	61947360	15878819	1203.512	937.756	
6)	L1 AR-1016-4	5.826	4.942	26995124	28514014	664.194	1972.232	#
7)	L1 AR-1016-5	6.121	5.153	62494957	24676186	1472.440	1320.863	
26)	L6 AR-1254-1	6.500	5.505	138.9E6	65571921	2109.575	1850.571	
27)	L6 AR-1254-2	6.721	5.657	265.3E6	65864653	2755.658	2059.274	#
28)	L6 AR-1254-3	7.090	6.056	312.0E6	79663257	3490.045	1629.523	#
29)	L6 AR-1254-4	7.372	6.283	121.8E6	48486711	2223.514	1850.156	
30)	L6 AR-1254-5	7.791	6.699	346.7E6	183.5E6	5148.360m	4352.745	
31)	L7 AR-1260-1	7.251	6.184	180.8E6	88135478	2522.914	2498.496	
32)	L7 AR-1260-2	7.502	6.373	636.9E6	97398254	8072.140	2429.704	#
33)	L7 AR-1260-3	7.868	6.525	121.7E6	89656316	2227.726	2371.052	
34)	L7 AR-1260-4	8.095	6.997	201.1E6	45689296	3210.220	1581.137	#
35)	L7 AR-1260-5	8.419	7.240	323.5E6	131.0E6	3023.028	2176.731	#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110723\
Data File : PO099458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2023 11:18
Operator : YP/AJ
Sample : 05255-03MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

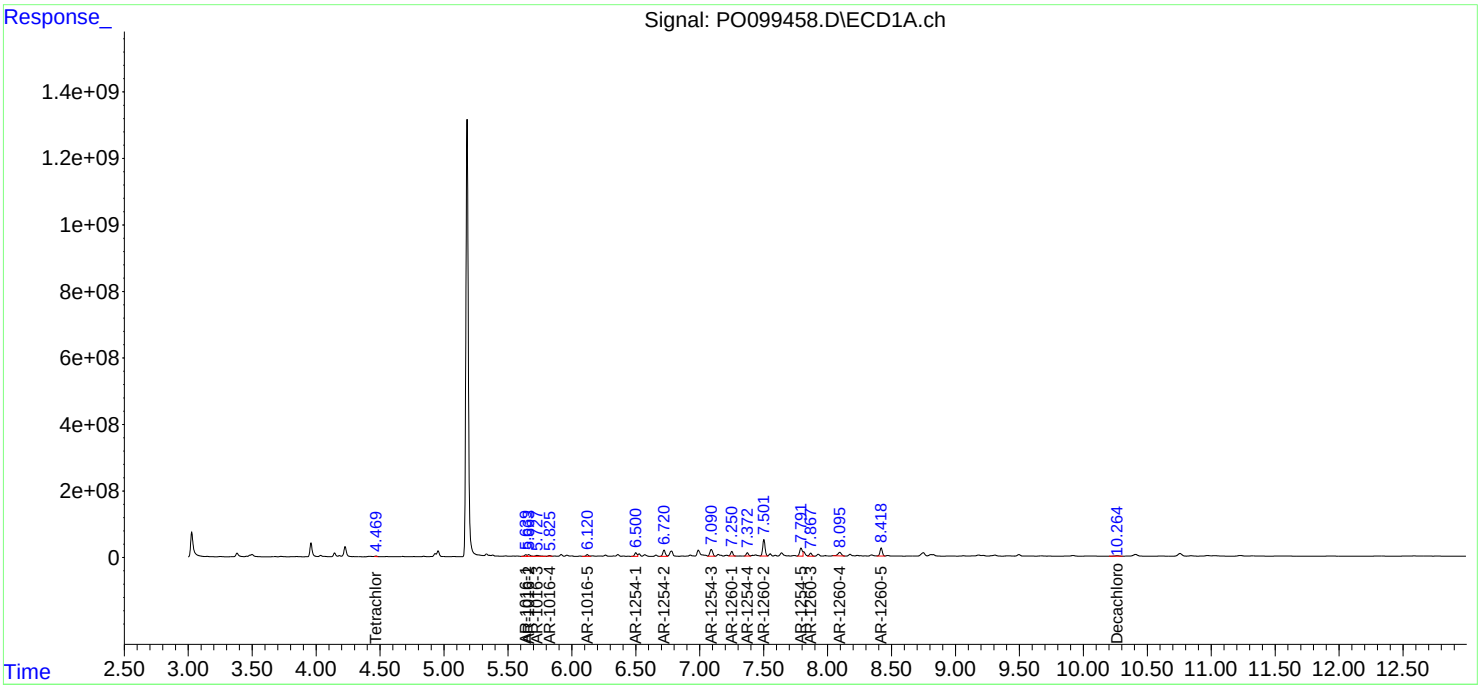
Instrument :
ECD_O
ClientSampleId :
P001-WC01-01MSD

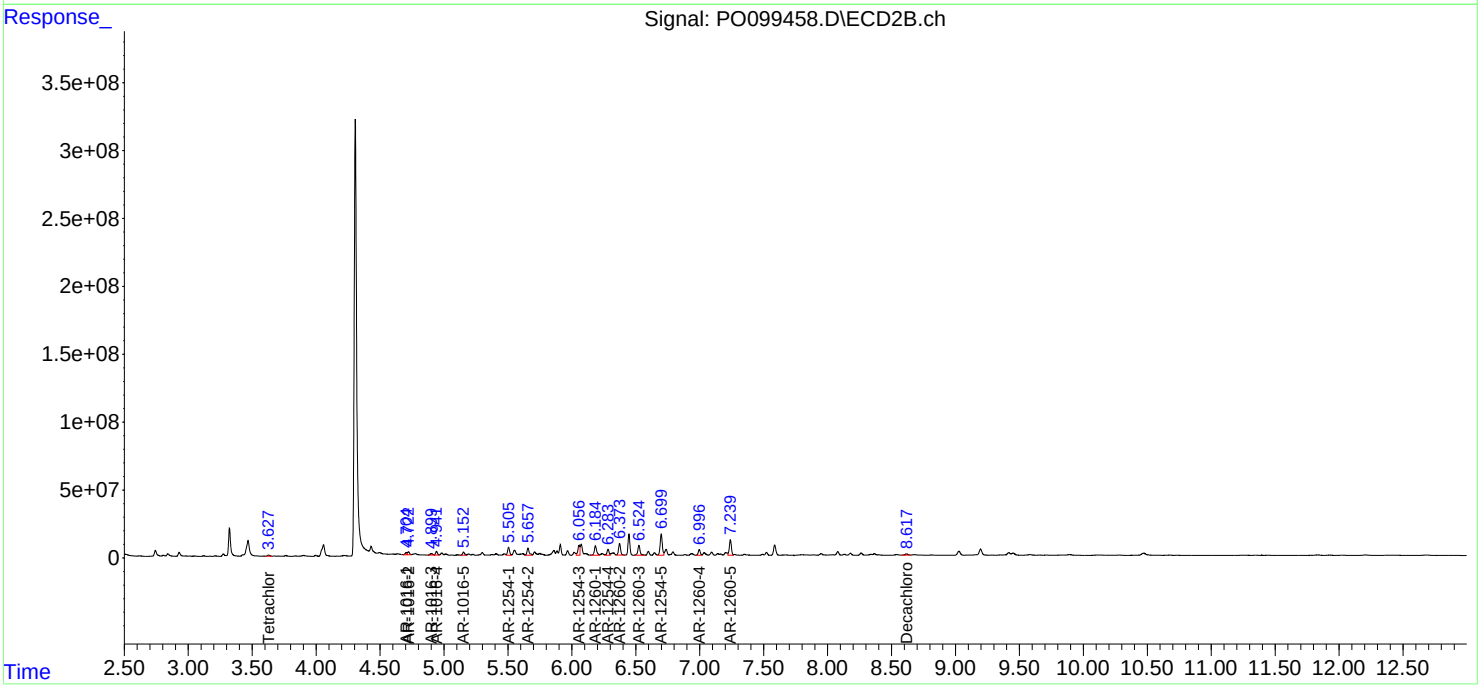
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2023
Supervised By :Ankita Jodhani 11/08/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 07 22:05:41 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 2023
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





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Manual Integration Report

Sequence:	PO102423	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO098880.D	AR-1260-4	yogesh	10/25/2023 8:19:42 AM	Ankita	10/25/2023 9:25:08	Peak Integrated by Software
AR1242ICC050	PO098887.D	AR-1242-5	yogesh	10/25/2023 8:19:43 AM	Ankita	10/25/2023 9:25:10	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO110723	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO099451.D	AR-1016-1 #2	yogesh	11/8/2023 9:12:35 AM	Ankita	11/8/2023 11:43:51	Peak Integrated by Software
AR1660CCC500	PO099451.D	AR-1016-4	yogesh	11/8/2023 9:12:35 AM	Ankita	11/8/2023 11:43:51	Peak Integrated by Software
AR1660CCC500	PO099451.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:12:35 AM	Ankita	11/8/2023 11:43:51	Peak Integrated by Software
I.BLK	PO099452.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:12:37 AM	Ankita	11/8/2023 11:43:53	Peak Integrated by Software
O5255-02MS	PO099457.D	AR-1016-1 #2	yogesh	11/8/2023 9:12:47 AM	Ankita	11/8/2023 11:44:08	Peak Integrated by Software
O5255-02MS	PO099457.D	AR-1016-2 #2	yogesh	11/8/2023 9:12:47 AM	Ankita	11/8/2023 11:44:08	Peak Integrated by Software
O5255-02MS	PO099457.D	Tetrachloro-m-xylene	yogesh	11/8/2023 9:12:47 AM	Ankita	11/8/2023 11:44:08	Peak Integrated by Software
O5255-03MSD	PO099458.D	AR-1016-1 #2	yogesh	11/8/2023 9:12:49 AM	Ankita	11/8/2023 11:44:10	Peak Integrated by Software
O5255-03MSD	PO099458.D	AR-1016-2 #2	yogesh	11/8/2023 9:12:49 AM	Ankita	11/8/2023 11:44:10	Peak Integrated by Software
O5255-03MSD	PO099458.D	AR-1254-5	yogesh	11/8/2023 9:12:49 AM	Ankita	11/8/2023 11:44:10	Peak Integrated by Software
O5255-03MSD	PO099458.D	Tetrachloro-m-xylene	yogesh	11/8/2023 9:12:49 AM	Ankita	11/8/2023 11:44:10	Peak Integrated by Software
AR1660CCC500	PO099463.D	AR-1016-1 #2	yogesh	11/8/2023 9:12:57 AM	Ankita	11/8/2023 11:44:18	Peak Integrated by Software
AR1660CCC500	PO099463.D	AR-1016-4	yogesh	11/8/2023 9:12:57 AM	Ankita	11/8/2023 11:44:18	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO110723	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO099463.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:12:57 AM	Ankita	11/8/2023 11:44:18	Peak Integrated by Software
AR1660CCC500	PO099485.D	AR-1016-1	yogesh	11/8/2023 9:14:17 AM	Ankita	11/8/2023 11:45:43	Peak Integrated by Software
AR1660CCC500	PO099485.D	AR-1016-1 #2	yogesh	11/8/2023 9:14:17 AM	Ankita	11/8/2023 11:45:43	Peak Integrated by Software
AR1660CCC500	PO099485.D	AR-1016-4	yogesh	11/8/2023 9:14:17 AM	Ankita	11/8/2023 11:45:43	Peak Integrated by Software
AR1660CCC500	PO099485.D	AR-1016-5 #2	yogesh	11/8/2023 9:14:17 AM	Ankita	11/8/2023 11:45:43	Peak Integrated by Software
AR1660CCC500	PO099485.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:14:17 AM	Ankita	11/8/2023 11:45:43	Peak Integrated by Software
I.BLK	PO099486.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:14:19 AM	Ankita	11/8/2023 11:45:45	Peak Integrated by Software
AR1660CCC500	PO099507.D	AR-1016-1	yogesh	11/8/2023 9:15:04 AM	Ankita	11/8/2023 11:47:22	Peak Integrated by Software
AR1660CCC500	PO099507.D	AR-1016-1 #2	yogesh	11/8/2023 9:15:04 AM	Ankita	11/8/2023 11:47:22	Peak Integrated by Software
AR1660CCC500	PO099507.D	AR-1016-4	yogesh	11/8/2023 9:15:04 AM	Ankita	11/8/2023 11:47:22	Peak Integrated by Software
AR1660CCC500	PO099507.D	AR-1016-5 #2	yogesh	11/8/2023 9:15:04 AM	Ankita	11/8/2023 11:47:22	Peak Integrated by Software
AR1660CCC500	PO099507.D	AR-1260-4	yogesh	11/8/2023 9:15:04 AM	Ankita	11/8/2023 11:47:22	Peak Integrated by Software
AR1660CCC500	PO099507.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:15:04 AM	Ankita	11/8/2023 11:47:22	Peak Integrated by Software

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Manual Integration Report

Sequence:	PO110723	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PO099508.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 9:15:06 AM	Ankita	11/8/2023 11:47:24	Peak Integrated by Software
AR1660CCC500	PO099526.D	AR-1016-1 #2	yogesh	11/8/2023 11:39:20 AM	Ankita	11/8/2023 11:48:03	Peak Integrated by Software
AR1660CCC500	PO099526.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 11:39:20 AM	Ankita	11/8/2023 11:48:03	Peak Integrated by Software
I.BLK	PO099527.D	Tetrachloro-m-xylene #2	yogesh	11/8/2023 11:39:22 AM	Ankita	11/8/2023 11:48:05	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP102723	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP061286.D	Tetrachloro-m-xylene #2	yogesh	10/30/2023 8:41:24 AM	mohammad	10/30/2023 3:43:36	Peak Integrated by Software
AR1242ICC250	PP061292.D	Tetrachloro-m-xylene #2	yogesh	10/30/2023 8:41:26 AM	mohammad	10/30/2023 3:43:39	Peak Integrated by Software
AR1242ICC050	PP061293.D	AR-1242-4	yogesh	10/30/2023 8:41:27 AM	mohammad	10/30/2023 3:43:41	Peak Integrated by Software
AR1242ICC050	PP061293.D	Tetrachloro-m-xylene #2	yogesh	10/30/2023 8:41:27 AM	mohammad	10/30/2023 3:43:41	Peak Integrated by Software
AR1248ICC050	PP061298.D	AR-1248-4 #2	yogesh	10/30/2023 8:41:29 AM	mohammad	10/30/2023 3:43:44	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP110623	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP061444.D	Decachlorobiphenyl	yogesh	11/7/2023 1:53:00 PM	Ankita	11/7/2023 2:08:01	Peak Integrated by Software
I.BLK	PP061444.D	Tetrachloro-m-xylene #2	yogesh	11/7/2023 1:53:00 PM	Ankita	11/7/2023 2:08:01	Peak Integrated by Software
O5252-01	PP061447.D	Decachlorobiphenyl	yogesh	11/7/2023 8:05:20 AM	Ankita	11/7/2023 12:00:55	Peak Integrated by Software
O5252-01	PP061447.D	Decachlorobiphenyl #2	yogesh	11/7/2023 8:05:20 AM	Ankita	11/7/2023 12:00:55	Peak Integrated by Software
AR1254CCC500	PP061458.D	Decachlorobiphenyl	yogesh	11/7/2023 8:05:42 AM	Ankita	11/7/2023 12:01:12	Peak Integrated by Software
I.BLK	PP061459.D	Decachlorobiphenyl	yogesh	11/7/2023 8:05:45 AM	Ankita	11/7/2023 12:01:15	Peak Integrated by Software
AR1660CCC500	PP061469.D	AR-1016-2	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software
AR1660CCC500	PP061469.D	AR-1016-2 #2	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software
AR1660CCC500	PP061469.D	AR-1016-3	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software
AR1660CCC500	PP061469.D	AR-1260-2 #2	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software
AR1660CCC500	PP061469.D	AR-1260-4	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software
AR1660CCC500	PP061469.D	Decachlorobiphenyl	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software
AR1660CCC500	PP061469.D	Decachlorobiphenyl #2	yogesh	11/7/2023 8:06:01 AM	Ankita	11/7/2023 12:01:36	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP110623	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP061470.D	AR-1242-2	yogesh	11/7/2023 8:06:03 AM	Ankita	11/7/2023 12:01:39	Peak Integrated by Software
AR1242CCC500	PP061470.D	AR-1242-2 #2	yogesh	11/7/2023 8:06:03 AM	Ankita	11/7/2023 12:01:39	Peak Integrated by Software
AR1248CCC500	PP061471.D	AR-1248-4	yogesh	11/7/2023 8:06:06 AM	Ankita	11/7/2023 12:01:42	Peak Integrated by Software
AR1248CCC500	PP061471.D	Decachlorobiphenyl	yogesh	11/7/2023 8:06:06 AM	Ankita	11/7/2023 12:01:42	Peak Integrated by Software
AR1248CCC500	PP061471.D	Decachlorobiphenyl #2	yogesh	11/7/2023 8:06:06 AM	Ankita	11/7/2023 12:01:42	Peak Integrated by Software
AR1254CCC500	PP061472.D	AR-1254-3	yogesh	11/7/2023 8:06:08 AM	Ankita	11/7/2023 12:01:46	Peak Integrated by Software
I.BLK	PP061473.D	Decachlorobiphenyl	yogesh	11/7/2023 8:06:10 AM	Ankita	11/7/2023 12:01:48	Peak Integrated by Software
I.BLK	PP061473.D	Decachlorobiphenyl #2	yogesh	11/7/2023 8:06:10 AM	Ankita	11/7/2023 12:01:48	Peak Integrated by Software
AR1660CCC500	PP061494.D	AR-1016-3	yogesh	11/7/2023 8:06:55 AM	Ankita	11/7/2023 12:02:35	Peak Integrated by Software
AR1660CCC500	PP061494.D	AR-1260-4	yogesh	11/7/2023 8:06:55 AM	Ankita	11/7/2023 12:02:35	Peak Integrated by Software
AR1660CCC500	PP061494.D	Decachlorobiphenyl	yogesh	11/7/2023 8:06:55 AM	Ankita	11/7/2023 12:02:35	Peak Integrated by Software
AR1660CCC500	PP061494.D	Decachlorobiphenyl #2	yogesh	11/7/2023 8:06:55 AM	Ankita	11/7/2023 12:02:35	Peak Integrated by Software
I.BLK	PP061495.D	Decachlorobiphenyl	yogesh	11/7/2023 8:06:57 AM	Ankita	11/7/2023 12:02:37	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP110623	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP061495.D	Decachlorobiphenyl #2	yogesh	11/7/2023 8:06:57 AM	Ankita	11/7/2023 12:02:37	Peak Integrated by Software

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO098874.D	24 Oct 2023 20:45	YP/AJ	Ok
2	I.BLK	PO098875.D	24 Oct 2023 21:01	YP/AJ	Ok
3	AR1660ICC1000	PO098876.D	24 Oct 2023 21:19	YP/AJ	Ok
4	AR1660ICC750	PO098877.D	24 Oct 2023 21:36	YP/AJ	Ok
5	AR1660ICC500	PO098878.D	24 Oct 2023 21:53	YP/AJ	Ok
6	AR1660ICC250	PO098879.D	24 Oct 2023 22:09	YP/AJ	Ok
7	AR1660ICC050	PO098880.D	24 Oct 2023 22:27	YP/AJ	Ok,M
8	AR1221ICC500	PO098881.D	24 Oct 2023 22:43	YP/AJ	Ok
9	AR1232ICC500	PO098882.D	24 Oct 2023 23:00	YP/AJ	Ok
10	AR1242ICC1000	PO098883.D	24 Oct 2023 23:17	YP/AJ	Ok
11	AR1242ICC750	PO098884.D	24 Oct 2023 23:34	YP/AJ	Ok
12	AR1242ICC500	PO098885.D	24 Oct 2023 23:51	YP/AJ	Ok
13	AR1242ICC250	PO098886.D	25 Oct 2023 00:08	YP/AJ	Ok
14	AR1242ICC050	PO098887.D	25 Oct 2023 00:25	YP/AJ	Ok,M
15	AR1248ICC1000	PO098888.D	25 Oct 2023 00:42	YP/AJ	Ok
16	AR1248ICC750	PO098889.D	25 Oct 2023 00:59	YP/AJ	Ok
17	AR1248ICC500	PO098890.D	25 Oct 2023 01:16	YP/AJ	Ok
18	AR1248ICC250	PO098891.D	25 Oct 2023 01:33	YP/AJ	Ok
19	AR1248ICC050	PO098892.D	25 Oct 2023 01:50	YP/AJ	Ok
20	AR1254ICC1000	PO098893.D	25 Oct 2023 02:07	YP/AJ	Ok
21	AR1254ICC750	PO098894.D	25 Oct 2023 02:24	YP/AJ	Ok
22	AR1254ICC500	PO098895.D	25 Oct 2023 02:41	YP/AJ	Ok
23	AR1254ICC250	PO098896.D	25 Oct 2023 02:58	YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	AR1254ICC050	PO098897.D	25 Oct 2023 03:15	YP/AJ	Ok
25	AR1262ICC500	PO098898.D	25 Oct 2023 03:32	YP/AJ	Ok
26	AR1268ICC1000	PO098899.D	25 Oct 2023 03:49	YP/AJ	Ok
27	AR1268ICC750	PO098900.D	25 Oct 2023 04:06	YP/AJ	Ok
28	AR1268ICC500	PO098901.D	25 Oct 2023 04:22	YP/AJ	Ok
29	AR1268ICC250	PO098902.D	25 Oct 2023 04:39	YP/AJ	Ok
30	AR1268ICC050	PO098903.D	25 Oct 2023 04:56	YP/AJ	Ok
31	PO102423ICV500	PO098904.D	25 Oct 2023 05:13	YP/AJ	Ok
32	AR1242ICV500	PO098905.D	25 Oct 2023 05:30	YP/AJ	Ok
33	AR1248ICV500	PO098906.D	25 Oct 2023 05:47	YP/AJ	Ok
34	AR1254ICV500	PO098907.D	25 Oct 2023 06:04	YP/AJ	Ok
35	AR1268ICV500	PO098908.D	25 Oct 2023 06:21	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO099450.D	07 Nov 2023 08:45	YP/AJ	Ok
2	AR1660CCC500	PO099451.D	07 Nov 2023 09:20	YP/AJ	Ok,M
3	I.BLK	PO099452.D	07 Nov 2023 09:36	YP/AJ	Ok,M
4	O5257-01	PO099453.D	07 Nov 2023 09:53	YP/AJ	Ok,M
5	O5257-05	PO099454.D	07 Nov 2023 10:11	YP/AJ	Ok,M
6	O5257-09	PO099455.D	07 Nov 2023 10:28	YP/AJ	Ok,M
7	O5255-01	PO099456.D	07 Nov 2023 10:44	YP/AJ	Dilution
8	O5255-02MS	PO099457.D	07 Nov 2023 11:01	YP/AJ	Ok,M
9	O5255-03MSD	PO099458.D	07 Nov 2023 11:18	YP/AJ	Ok,M
10	O5255-04	PO099459.D	07 Nov 2023 11:35	YP/AJ	Dilution
11	O5244-04DL	PO099460.D	07 Nov 2023 12:09	YP/AJ	Ok,M
12	O5244-07DL	PO099461.D	07 Nov 2023 12:26	YP/AJ	Ok
13	O5246-03DL	PO099462.D	07 Nov 2023 12:43	YP/AJ	Ok,M
14	AR1660CCC500	PO099463.D	07 Nov 2023 13:17	YP/AJ	Ok,M
15	I.BLK	PO099464.D	07 Nov 2023 13:34	YP/AJ	Ok
16	PB156937BL	PO099465.D	07 Nov 2023 13:51	YP/AJ	Ok,M
17	PB156937BS	PO099466.D	07 Nov 2023 14:08	YP/AJ	Ok,M
18	O5258-01	PO099467.D	07 Nov 2023 14:25	YP/AJ	Ok,M
19	O5258-02	PO099468.D	07 Nov 2023 14:42	YP/AJ	Ok,M
20	O5258-03	PO099469.D	07 Nov 2023 14:59	YP/AJ	Ok,M
21	O5258-04	PO099470.D	07 Nov 2023 15:16	YP/AJ	Ok,M
22	O5258-05	PO099471.D	07 Nov 2023 15:33	YP/AJ	Ok,M
23	O5258-06	PO099472.D	07 Nov 2023 15:50	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O5258-07	PO099473.D	07 Nov 2023 16:07	YP/AJ	Ok,M
25	O5258-08	PO099474.D	07 Nov 2023 16:23	YP/AJ	Ok,M
26	O5258-09	PO099475.D	07 Nov 2023 16:40	YP/AJ	Ok,M
27	O5258-10	PO099476.D	07 Nov 2023 16:57	YP/AJ	Ok,M
28	O5258-11	PO099477.D	07 Nov 2023 17:14	YP/AJ	Ok,M
29	O5258-12	PO099478.D	07 Nov 2023 17:31	YP/AJ	Dilution
30	O5258-13	PO099479.D	07 Nov 2023 17:48	YP/AJ	Ok,M
31	O5258-14	PO099480.D	07 Nov 2023 18:05	YP/AJ	Dilution
32	O5258-15	PO099481.D	07 Nov 2023 18:22	YP/AJ	Ok,M
33	O5258-16	PO099482.D	07 Nov 2023 18:39	YP/AJ	Dilution
34	O5258-17	PO099483.D	07 Nov 2023 18:56	YP/AJ	Ok,M
35	O5258-18	PO099484.D	07 Nov 2023 19:13	YP/AJ	Dilution
36	AR1660CCC500	PO099485.D	07 Nov 2023 19:58	YP/AJ	Ok,M
37	I.BLK	PO099486.D	07 Nov 2023 20:15	YP/AJ	Ok,M
38	O5258-19	PO099487.D	07 Nov 2023 20:32	YP/AJ	Ok,M
39	O5258-20	PO099488.D	07 Nov 2023 20:49	YP/AJ	Dilution
40	O5255-01DL	PO099489.D	07 Nov 2023 21:06	YP/AJ	Ok,M
41	O5255-04DL	PO099490.D	07 Nov 2023 21:23	YP/AJ	Ok,M
42	O5258-21DL	PO099491.D	07 Nov 2023 21:39	YP/AJ	Ok,M
43	O5258-22DL	PO099492.D	07 Nov 2023 21:56	YP/AJ	Ok,M
44	O5258-23DL	PO099493.D	07 Nov 2023 22:13	YP/AJ	Ok,M
45	O5258-24DL	PO099494.D	07 Nov 2023 22:30	YP/AJ	Ok,M
46	O5258-25DL	PO099495.D	07 Nov 2023 22:47	YP/AJ	Not Ok
47	O5258-26DL	PO099496.D	07 Nov 2023 23:04	YP/AJ	Ok,M
48	O5258-27DL	PO099497.D	07 Nov 2023 23:21	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	O5258-12DL	PO099498.D	07 Nov 2023 23:38	YP/AJ	Ok,M
50	O5258-14DL	PO099499.D	07 Nov 2023 23:55	YP/AJ	Ok,M
51	O5258-16DL	PO099500.D	08 Nov 2023 00:12	YP/AJ	Ok,M
52	O5258-18DL	PO099501.D	08 Nov 2023 00:29	YP/AJ	Not Ok
53	O5258-20DL	PO099502.D	08 Nov 2023 00:45	YP/AJ	Not Ok
54	PB156948BL	PO099503.D	08 Nov 2023 01:02	YP/AJ	Ok,M
55	PB156948BS	PO099504.D	08 Nov 2023 01:19	YP/AJ	Ok,M
56	O5247-04	PO099505.D	08 Nov 2023 01:36	YP/AJ	Ok,M
57	O5247-07	PO099506.D	08 Nov 2023 01:53	YP/AJ	Ok,M
58	AR1660CCC500	PO099507.D	08 Nov 2023 02:38	YP/AJ	Ok,M
59	I.BLK	PO099508.D	08 Nov 2023 02:55	YP/AJ	Ok,M
60	O5247-01MSD	PO099509.D	08 Nov 23 03:12 am	YP/AJ	Ok,M
61	O5247-10	PO099510.D	08 Nov 23 03:29 am	YP/AJ	Ok,M
62	O5247-13	PO099511.D	08 Nov 2023 03:46	YP/AJ	Ok,M
63	O5247-16	PO099512.D	08 Nov 23 04:03 am	YP/AJ	Ok,M
64	O5247-19	PO099513.D	08 Nov 23 04:20 am	YP/AJ	Ok,M
65	O5248-02	PO099514.D	08 Nov 23 04:37 am	YP/AJ	Ok,M
66	O5248-03	PO099515.D	08 Nov 23 04:54 am	YP/AJ	Ok,M
67	O5248-04	PO099516.D	08 Nov 23 05:10 am	YP/AJ	Ok,M
68	O5248-05	PO099517.D	08 Nov 23 05:27 am	YP/AJ	Ok,M
69	O5248-06	PO099518.D	08 Nov 23 05:44 am	YP/AJ	Ok,M
70	O5248-07	PO099519.D	08 Nov 2023 06:01	YP/AJ	Ok,M
71	O5248-08	PO099520.D	08 Nov 23 06:18 am	YP/AJ	Ok,M
72	O5248-09	PO099521.D	08 Nov 23 06:35 am	YP/AJ	Ok,M
73	O5248-10	PO099522.D	08 Nov 23 07:28 am	YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

74	O5248-13	PO099523.D	08 Nov 23 07:45 am	YP/AJ	Ok,M
75	O5248-14	PO099524.D	08 Nov 23 08:01 am	YP/AJ	Ok,M
76	O5248-16	PO099525.D	08 Nov 23 08:18 am	YP/AJ	Ok,M
77	AR1660CCC500	PO099526.D	08 Nov 2023 08:51	YP/AJ	Ok,M
78	I.BLK	PO099527.D	08 Nov 2023 09:08	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP061280.D	27 Oct 2023 10:31	YP\AJ	Ok
2	I.BLK	PP061281.D	27 Oct 2023 10:47	YP\AJ	Ok
3	AR1660ICC1000	PP061282.D	27 Oct 2023 11:03	YP\AJ	Ok
4	AR1660ICC750	PP061283.D	27 Oct 2023 11:20	YP\AJ	Ok
5	AR1660ICC500	PP061284.D	27 Oct 2023 11:36	YP\AJ	Ok
6	AR1660ICC250	PP061285.D	27 Oct 2023 11:52	YP\AJ	Ok
7	AR1660ICC050	PP061286.D	27 Oct 2023 12:08	YP\AJ	Ok,M
8	AR1221ICC500	PP061287.D	27 Oct 2023 12:25	YP\AJ	Ok
9	AR1232ICC500	PP061288.D	27 Oct 2023 12:41	YP\AJ	Ok
10	AR1242ICC1000	PP061289.D	27 Oct 2023 12:57	YP\AJ	Ok
11	AR1242ICC750	PP061290.D	27 Oct 2023 13:13	YP\AJ	Ok
12	AR1242ICC500	PP061291.D	27 Oct 2023 13:30	YP\AJ	Ok
13	AR1242ICC250	PP061292.D	27 Oct 2023 13:46	YP\AJ	Ok,M
14	AR1242ICC050	PP061293.D	27 Oct 2023 14:02	YP\AJ	Ok,M
15	AR1248ICC1000	PP061294.D	27 Oct 2023 14:19	YP\AJ	Ok
16	AR1248ICC750	PP061295.D	27 Oct 2023 14:35	YP\AJ	Ok
17	AR1248ICC500	PP061296.D	27 Oct 2023 14:51	YP\AJ	Ok
18	AR1248ICC250	PP061297.D	27 Oct 2023 15:08	YP\AJ	Ok
19	AR1248ICC050	PP061298.D	27 Oct 2023 15:24	YP\AJ	Ok,M
20	AR1254ICC1000	PP061299.D	27 Oct 2023 15:40	YP\AJ	Ok
21	AR1254ICC750	PP061300.D	27 Oct 2023 15:57	YP\AJ	Ok
22	AR1254ICC500	PP061301.D	27 Oct 2023 16:13	YP\AJ	Ok
23	AR1254ICC250	PP061302.D	27 Oct 2023 16:30	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	AR1254ICC050	PP061303.D	27 Oct 2023 16:46	YP\AJ	Ok
25	AR1262ICC500	PP061304.D	27 Oct 2023 17:02	YP\AJ	Ok
26	AR1268ICC1000	PP061305.D	27 Oct 2023 17:19	YP\AJ	Ok
27	AR1268ICC750	PP061306.D	27 Oct 2023 17:35	YP\AJ	Ok
28	AR1268ICC500	PP061307.D	27 Oct 2023 17:51	YP\AJ	Ok
29	AR1268ICC250	PP061308.D	27 Oct 2023 18:08	YP\AJ	Ok
30	AR1268ICC050	PP061309.D	27 Oct 2023 18:24	YP\AJ	Ok
31	PP102723ICV500	PP061310.D	27 Oct 2023 18:41	YP\AJ	Ok
32	AR1242ICV500	PP061311.D	27 Oct 2023 18:57	YP\AJ	Ok
33	AR1248ICV500	PP061312.D	27 Oct 2023 19:14	YP\AJ	Ok
34	AR1254ICV500	PP061313.D	27 Oct 2023 19:30	YP\AJ	Not Ok
35	AR1268ICV500	PP061314.D	27 Oct 2023 19:46	YP\AJ	Ok
36	AR1254ICV500	PP061315.D	27 Oct 2023 23:34	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110623

Review By	yogesh	Review On	11/7/2023 8:07:13 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:02:46 PM		
SubDirectory	PP110623	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP061439.D	06 Nov 2023 09:49	YP\AJ	Ok
2	AR1660CCC500	PP061440.D	06 Nov 2023 10:05	YP\AJ	Ok
3	AR1242CCC500	PP061441.D	06 Nov 2023 10:22	YP\AJ	Ok
4	AR1248CCC500	PP061442.D	06 Nov 2023 10:39	YP\AJ	Ok
5	AR1254CCC500	PP061443.D	06 Nov 2023 10:55	YP\AJ	Ok
6	I.BLK	PP061444.D	06 Nov 2023 11:17	YP\AJ	Ok,M
7	PB156919BL	PP061445.D	06 Nov 2023 13:28	YP\AJ	Ok
8	PB156919BS	PP061446.D	06 Nov 2023 13:44	YP\AJ	Ok
9	O5252-01	PP061447.D	06 Nov 2023 14:00	YP\AJ	Ok,M
10	O5253-01	PP061448.D	06 Nov 2023 14:17	YP\AJ	Ok,M
11	O5253-02	PP061449.D	06 Nov 2023 14:33	YP\AJ	Ok,M
12	O5253-03	PP061450.D	06 Nov 2023 14:50	YP\AJ	Ok,M
13	O5253-04	PP061451.D	06 Nov 2023 15:06	YP\AJ	Ok,M
14	O5256-01	PP061452.D	06 Nov 2023 15:22	YP\AJ	Ok,M
15	O5256-05	PP061453.D	06 Nov 2023 15:39	YP\AJ	Ok
16	O5256-09	PP061454.D	06 Nov 2023 15:55	YP\AJ	Ok,M
17	AR1660CCC500	PP061455.D	06 Nov 2023 16:11	YP\AJ	Ok
18	AR1242CCC500	PP061456.D	06 Nov 2023 16:28	YP\AJ	Ok
19	AR1248CCC500	PP061457.D	06 Nov 2023 16:44	YP\AJ	Ok
20	AR1254CCC500	PP061458.D	06 Nov 2023 17:01	YP\AJ	Not Ok
21	I.BLK	PP061459.D	06 Nov 2023 17:17	YP\AJ	Ok,M
22	O5255-01	PP061460.D	06 Nov 2023 17:33	YP\AJ	Not Ok
23	O5255-02MS	PP061461.D	06 Nov 2023 17:50	YP\AJ	Not Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110623

Review By	yogesh	Review On	11/7/2023 8:07:13 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:02:46 PM		
SubDirectory	PP110623	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

24	O5255-03MSD	PP061462.D	06 Nov 2023 18:06	YP\AJ	Not Ok
25	O5255-04	PP061463.D	06 Nov 2023 18:22	YP\AJ	Not Ok
26	O5257-01	PP061464.D	06 Nov 2023 18:39	YP\AJ	Not Ok
27	O5257-05	PP061465.D	06 Nov 2023 18:55	YP\AJ	Not Ok
28	O5257-09	PP061466.D	06 Nov 2023 19:11	YP\AJ	Not Ok
29	PB156937BL	PP061467.D	06 Nov 2023 19:28	YP\AJ	Not Ok
30	PB156937BS	PP061468.D	06 Nov 2023 19:44	YP\AJ	Not Ok
31	AR1660CCC500	PP061469.D	06 Nov 2023 20:21	YP\AJ	Not Ok
32	AR1242CCC500	PP061470.D	06 Nov 2023 20:37	YP\AJ	Not Ok
33	AR1248CCC500	PP061471.D	06 Nov 2023 20:54	YP\AJ	Not Ok
34	AR1254CCC500	PP061472.D	06 Nov 2023 21:10	YP\AJ	Not Ok
35	I.BLK	PP061473.D	06 Nov 2023 21:26	YP\AJ	Not Ok
36	O5258-01	PP061474.D	06 Nov 2023 21:43	YP\AJ	Not Ok
37	O5258-02	PP061475.D	06 Nov 2023 21:59	YP\AJ	Not Ok
38	O5258-03	PP061476.D	06 Nov 2023 22:15	YP\AJ	Not Ok
39	O5258-04	PP061477.D	06 Nov 2023 22:32	YP\AJ	Not Ok
40	O5258-05	PP061478.D	06 Nov 2023 22:48	YP\AJ	Not Ok
41	O5258-06	PP061479.D	06 Nov 2023 23:05	YP\AJ	Not Ok
42	O5258-07	PP061480.D	06 Nov 2023 23:21	YP\AJ	Not Ok
43	O5258-08	PP061481.D	06 Nov 2023 23:37	YP\AJ	Not Ok
44	O5258-09	PP061482.D	06 Nov 2023 23:53	YP\AJ	Not Ok
45	O5258-10	PP061483.D	07 Nov 2023 00:10	YP\AJ	Not Ok
46	O5258-11	PP061484.D	07 Nov 2023 00:26	YP\AJ	Not Ok
47	O5258-12	PP061485.D	07 Nov 2023 00:43	YP\AJ	Not Ok
48	O5258-13	PP061486.D	07 Nov 2023 00:59	YP\AJ	Not Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110623

Review By	yogesh	Review On	11/7/2023 8:07:13 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:02:46 PM		
SubDirectory	PP110623	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

49	O5258-14	PP061487.D	07 Nov 2023 01:15	YP\AJ	Not Ok
50	O5258-15	PP061488.D	07 Nov 2023 01:32	YP\AJ	Not Ok
51	O5258-16	PP061489.D	07 Nov 2023 01:48	YP\AJ	Not Ok
52	O5258-17	PP061490.D	07 Nov 2023 02:04	YP\AJ	Not Ok
53	O5258-18	PP061491.D	07 Nov 2023 02:21	YP\AJ	Not Ok
54	O5258-19	PP061492.D	07 Nov 2023 02:37	YP\AJ	Not Ok
55	O5258-20	PP061493.D	07 Nov 2023 02:53	YP\AJ	Not Ok
56	AR1660CCC500	PP061494.D	07 Nov 2023 03:30	YP\AJ	Not Ok
57	I.BLK	PP061495.D	07 Nov 2023 03:47	YP\AJ	Not Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO098874.D	24 Oct 2023 20:45		YP/AJ	Ok
2	I.BLK	I.BLK	PO098875.D	24 Oct 2023 21:01	method saved as PO102523.M	YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO098876.D	24 Oct 2023 21:19		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO098877.D	24 Oct 2023 21:36		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO098878.D	24 Oct 2023 21:53		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO098879.D	24 Oct 2023 22:09		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO098880.D	24 Oct 2023 22:27		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO098881.D	24 Oct 2023 22:43		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO098882.D	24 Oct 2023 23:00		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO098883.D	24 Oct 2023 23:17		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO098884.D	24 Oct 2023 23:34		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO098885.D	24 Oct 2023 23:51		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO098886.D	25 Oct 2023 00:08		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO098887.D	25 Oct 2023 00:25		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO098888.D	25 Oct 2023 00:42		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO098889.D	25 Oct 2023 00:59		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO098890.D	25 Oct 2023 01:16		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO098891.D	25 Oct 2023 01:33		YP/AJ	Ok
19	AR1248ICC050	AR1248ICC050	PO098892.D	25 Oct 2023 01:50		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO102423

Review By	yogesh	Review On	10/25/2023 8:19:51 AM		
Supervise By	Ankita	Supervise On	10/25/2023 9:25:29 AM		
SubDirectory	PO102423	HP Acquire Method		HP Processing Method	PO102423

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254ICC1000	AR1254ICC1000	PO098893.D	25 Oct 2023 02:07		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO098894.D	25 Oct 2023 02:24		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO098895.D	25 Oct 2023 02:41		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO098896.D	25 Oct 2023 02:58		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO098897.D	25 Oct 2023 03:15		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO098898.D	25 Oct 2023 03:32		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO098899.D	25 Oct 2023 03:49		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO098900.D	25 Oct 2023 04:06		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO098901.D	25 Oct 2023 04:22		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO098902.D	25 Oct 2023 04:39		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO098903.D	25 Oct 2023 04:56		YP/AJ	Ok
31	PO102423ICV500	ICVPO102423	PO098904.D	25 Oct 2023 05:13		YP/AJ	Ok
32	AR1242ICV500	ICVPO102423AR1242	PO098905.D	25 Oct 2023 05:30		YP/AJ	Ok
33	AR1248ICV500	ICVPO102423AR1248	PO098906.D	25 Oct 2023 05:47		YP/AJ	Ok
34	AR1254ICV500	ICVPO102423AR1254	PO098907.D	25 Oct 2023 06:04		YP/AJ	Ok
35	AR1268ICV500	ICVPO102423AR1268	PO098908.D	25 Oct 2023 06:21	DCB high in both column.	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO099450.D	07 Nov 2023 08:45		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO099451.D	07 Nov 2023 09:20		YP/AJ	Ok,M
3	I.BLK	I.BLK	PO099452.D	07 Nov 2023 09:36		YP/AJ	Ok,M
4	O5257-01	WC-6	PO099453.D	07 Nov 2023 09:53		YP/AJ	Ok,M
5	O5257-05	WC-2	PO099454.D	07 Nov 2023 10:11		YP/AJ	Ok,M
6	O5257-09	WC-3	PO099455.D	07 Nov 2023 10:28		YP/AJ	Ok,M
7	O5255-01	P001-WC01-01	PO099456.D	07 Nov 2023 10:44	AR1254 + AR1260 hit ,(Need Dilution)	YP/AJ	Dilution
8	O5255-02MS	P001-WC01-01MS	PO099457.D	07 Nov 2023 11:01	Recovery fail AR1016 , AR1260	YP/AJ	Ok,M
9	O5255-03MSD	P001-WC01-01MSD	PO099458.D	07 Nov 2023 11:18	Recovery fail AR1016 , AR1260	YP/AJ	Ok,M
10	O5255-04	P001-WC01-02	PO099459.D	07 Nov 2023 11:35	AR1254 + AR1260 hit (Need Dilution)	YP/AJ	Dilution
11	O5244-04DL	2ADL	PO099460.D	07 Nov 2023 12:09	AR1260 HIT,	YP/AJ	Ok,M
12	O5244-07DL	3ADL	PO099461.D	07 Nov 2023 12:26	AR1260 HIT	YP/AJ	Ok
13	O5246-03DL	15ADL	PO099462.D	07 Nov 2023 12:43	AR1260 HIT,	YP/AJ	Ok,M
14	AR1660CCC500	AR1660CCC500	PO099463.D	07 Nov 2023 13:17		YP/AJ	Ok,M
15	I.BLK	I.BLK	PO099464.D	07 Nov 2023 13:34		YP/AJ	Ok
16	PB156937BL	PB156937BL	PO099465.D	07 Nov 2023 13:51		YP/AJ	Ok,M
17	PB156937BS	PB156937BS	PO099466.D	07 Nov 2023 14:08		YP/AJ	Ok,M
18	O5258-01	01-A-01-B-01-C	PO099467.D	07 Nov 2023 14:25		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	O5258-02	02-A-02-B-02-C	PO099468.D	07 Nov 2023 14:42		YP/AJ	Ok,M
20	O5258-03	03-A-03-B-03-C	PO099469.D	07 Nov 2023 14:59		YP/AJ	Ok,M
21	O5258-04	04-A-04-B-04-C	PO099470.D	07 Nov 2023 15:16		YP/AJ	Ok,M
22	O5258-05	05-A-05-B-05-C	PO099471.D	07 Nov 2023 15:33		YP/AJ	Ok,M
23	O5258-06	06-A-06-B-06-C	PO099472.D	07 Nov 2023 15:50		YP/AJ	Ok,M
24	O5258-07	07-A-07-B-07-C	PO099473.D	07 Nov 2023 16:07	AR1254 hit	YP/AJ	Ok,M
25	O5258-08	08-A-08-B-08-C	PO099474.D	07 Nov 2023 16:23		YP/AJ	Ok,M
26	O5258-09	09-A-09-B-09-C	PO099475.D	07 Nov 2023 16:40		YP/AJ	Ok,M
27	O5258-10	10-A-10-B-10-C	PO099476.D	07 Nov 2023 16:57		YP/AJ	Ok,M
28	O5258-11	11-A-11-B-11-C	PO099477.D	07 Nov 2023 17:14		YP/AJ	Ok,M
29	O5258-12	12-A-12-B-12-C	PO099478.D	07 Nov 2023 17:31	AR1254+1268 HIT (need dilution) ,	YP/AJ	Dilution
30	O5258-13	13-A-14-B-14-C	PO099479.D	07 Nov 2023 17:48		YP/AJ	Ok,M
31	O5258-14	14-A-14-B-14-C	PO099480.D	07 Nov 2023 18:05	AR1254+1268 HIT (need dilution) ,	YP/AJ	Dilution
32	O5258-15	15-A-15-B-15-C	PO099481.D	07 Nov 2023 18:22		YP/AJ	Ok,M
33	O5258-16	16-A-16-B-16-C	PO099482.D	07 Nov 2023 18:39	AR1254+1268 HIT (need dilution) ,	YP/AJ	Dilution
34	O5258-17	17-A-17-B-17-C	PO099483.D	07 Nov 2023 18:56		YP/AJ	Ok,M
35	O5258-18	18-A-18-B-18-C	PO099484.D	07 Nov 2023 19:13	AR1254 hit , (need dilution)	YP/AJ	Dilution
36	AR1660CCC500	AR1660CCC500	PO099485.D	07 Nov 2023 19:58		YP/AJ	Ok,M
37	I.BLK	I.BLK	PO099486.D	07 Nov 2023 20:15		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

38	O5258-19	19-A-19-B-19-C	PO099487.D	07 Nov 2023 20:32	AR1254 hit ,	YP/AJ	Ok,M
39	O5258-20	20-A-20-B-20-C	PO099488.D	07 Nov 2023 20:49	AR1254 hit (Need Dilution)	YP/AJ	Dilution
40	O5255-01DL	P001-WC01-01DL	PO099489.D	07 Nov 2023 21:06	AR1254 + AR1260 hit ,	YP/AJ	Ok,M
41	O5255-04DL	P001-WC01-02DL	PO099490.D	07 Nov 2023 21:23	AR1254 + AR1260 hit , DCB high in both column	YP/AJ	Ok,M
42	O5258-21DL	21-A-21-B-21-CDL	PO099491.D	07 Nov 2023 21:39	AR1254 hit	YP/AJ	Ok,M
43	O5258-22DL	22-A-22-B-22-CDL	PO099492.D	07 Nov 2023 21:56	AR1254 hit	YP/AJ	Ok,M
44	O5258-23DL	23-A-23-B-23-CDL	PO099493.D	07 Nov 2023 22:13	AR1254 hit	YP/AJ	Ok,M
45	O5258-24DL	24-A-24-B-24-CDL	PO099494.D	07 Nov 2023 22:30	AR1254 hit	YP/AJ	Ok,M
46	O5258-25DL	25-A-25-B-25-CDL	PO099495.D	07 Nov 2023 22:47	AR1254 hit (Need Dilution)	YP/AJ	Not Ok
47	O5258-26DL	26-A-26-B-26-CDL	PO099496.D	07 Nov 2023 23:04	AR1254 hit	YP/AJ	Ok,M
48	O5258-27DL	27-A-27-B-27-CDL	PO099497.D	07 Nov 2023 23:21	AR1254 hit	YP/AJ	Ok,M
49	O5258-12DL	12-A-12-B-12-CDL	PO099498.D	07 Nov 2023 23:38	AR1254+1268 HIT	YP/AJ	Ok,M
50	O5258-14DL	14-A-14-B-14-CDL	PO099499.D	07 Nov 2023 23:55	AR1254+1268 HIT	YP/AJ	Ok,M
51	O5258-16DL	16-A-16-B-16-CDL	PO099500.D	08 Nov 2023 00:12	AR1254+1268 HIT	YP/AJ	Ok,M
52	O5258-18DL	18-A-18-B-18-CDL	PO099501.D	08 Nov 2023 00:29	AR1254 HIT-not used	YP/AJ	Not Ok
53	O5258-20DL	20-A-20-B-20-CDL	PO099502.D	08 Nov 2023 00:45	AR1254 hit-not used	YP/AJ	Not Ok
54	PB156948BL	PB156948BL	PO099503.D	08 Nov 2023 01:02		YP/AJ	Ok,M
55	PB156948BS	PB156948BS	PO099504.D	08 Nov 2023 01:19		YP/AJ	Ok,M
56	O5247-04	22B	PO099505.D	08 Nov 2023 01:36		YP/AJ	Ok,M
57	O5247-07	23B	PO099506.D	08 Nov 2023 01:53		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

58	AR1660CCC500	AR1660CCC500	PO099507.D	08 Nov 2023 02:38		YP/AJ	Ok,M
59	I.BLK	I.BLK	PO099508.D	08 Nov 2023 02:55		YP/AJ	Ok,M
60	O5247-01MSD	21BMSD	PO099509.D	08 Nov 23 03:12 am		YP/AJ	Ok,M
61	O5247-10	24B	PO099510.D	08 Nov 23 03:29 am		YP/AJ	Ok,M
62	O5247-13	25B	PO099511.D	08 Nov 2023 03:46		YP/AJ	Ok,M
63	O5247-16	26A	PO099512.D	08 Nov 23 04:03 am		YP/AJ	Ok,M
64	O5247-19	27A	PO099513.D	08 Nov 23 04:20 am		YP/AJ	Ok,M
65	O5248-02	28A	PO099514.D	08 Nov 23 04:37 am	AR1254 hit	YP/AJ	Ok,M
66	O5248-03	29A	PO099515.D	08 Nov 23 04:54 am		YP/AJ	Ok,M
67	O5248-04	30A	PO099516.D	08 Nov 23 05:10 am		YP/AJ	Ok,M
68	O5248-05	31A	PO099517.D	08 Nov 23 05:27 am		YP/AJ	Ok,M
69	O5248-06	32A	PO099518.D	08 Nov 23 05:44 am		YP/AJ	Ok,M
70	O5248-07	33A	PO099519.D	08 Nov 2023 06:01		YP/AJ	Ok,M
71	O5248-08	34A	PO099520.D	08 Nov 23 06:18 am	AR1254 hit	YP/AJ	Ok,M
72	O5248-09	35A	PO099521.D	08 Nov 23 06:35 am	AR1254 +1260 hit ,	YP/AJ	Ok,M
73	O5248-10	DUP-1	PO099522.D	08 Nov 23 07:28 am	AR1260 hit ,	YP/AJ	Ok,M
74	O5248-13	DUP-4	PO099523.D	08 Nov 23 07:45 am		YP/AJ	Ok,M
75	O5248-14	DUP-5	PO099524.D	08 Nov 23 08:01 am		YP/AJ	Ok,M
76	O5248-16	DUP-7	PO099525.D	08 Nov 23 08:18 am		YP/AJ	Ok,M
77	AR1660CCC500	AR1660CCC500	PO099526.D	08 Nov 2023 08:51		YP/AJ	Ok,M

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO110723

Review By	yogesh	Review On	11/8/2023 9:15:27 AM		
Supervise By	Ankita	Supervise On	11/8/2023 11:48:26 AM		
SubDirectory	PO110723	HP Acquire Method		HP Processing Method	PO102523

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

78	I.BLK	I.BLK	PO099527.D	08 Nov 2023 09:08		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP061280.D	27 Oct 2023 10:31		YP\AJ	Ok
2	I.BLK	I.BLK	PP061281.D	27 Oct 2023 10:47		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP061282.D	27 Oct 2023 11:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP061283.D	27 Oct 2023 11:20		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP061284.D	27 Oct 2023 11:36		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP061285.D	27 Oct 2023 11:52		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP061286.D	27 Oct 2023 12:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP061287.D	27 Oct 2023 12:25		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP061288.D	27 Oct 2023 12:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP061289.D	27 Oct 2023 12:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP061290.D	27 Oct 2023 13:13		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP061291.D	27 Oct 2023 13:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP061292.D	27 Oct 2023 13:46		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP061293.D	27 Oct 2023 14:02		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP061294.D	27 Oct 2023 14:19		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP061295.D	27 Oct 2023 14:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP061296.D	27 Oct 2023 14:51		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP061297.D	27 Oct 2023 15:08		YP\AJ	Ok
19	AR1248ICC050	AR1248ICC050	PP061298.D	27 Oct 2023 15:24		YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP102723

Review By	yogesh	Review On	10/30/2023 8:41:45 AM		
Supervise By	mohammad	Supervise On	10/30/2023 3:43:54 PM		
SubDirectory	PP102723	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254ICC1000	AR1254ICC1000	PP061299.D	27 Oct 2023 15:40		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP061300.D	27 Oct 2023 15:57		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP061301.D	27 Oct 2023 16:13		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP061302.D	27 Oct 2023 16:30		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP061303.D	27 Oct 2023 16:46		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PP061304.D	27 Oct 2023 17:02		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP061305.D	27 Oct 2023 17:19		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP061306.D	27 Oct 2023 17:35		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP061307.D	27 Oct 2023 17:51		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP061308.D	27 Oct 2023 18:08		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP061309.D	27 Oct 2023 18:24		YP\AJ	Ok
31	PP102723ICV500	ICVPP102723	PP061310.D	27 Oct 2023 18:41		YP\AJ	Ok
32	AR1242ICV500	ICVPP102723AR1242	PP061311.D	27 Oct 2023 18:57		YP\AJ	Ok
33	AR1248ICV500	ICVPP102723AR1248	PP061312.D	27 Oct 2023 19:14		YP\AJ	Ok
34	AR1254ICV500	ICVPP102723AR1254	PP061313.D	27 Oct 2023 19:30	AR1254-2 peak high in 1st column	YP\AJ	Not Ok
35	AR1268ICV500	ICVPP102723AR1268	PP061314.D	27 Oct 2023 19:46		YP\AJ	Ok
36	AR1254ICV500	ICVPP102723AR1254	PP061315.D	27 Oct 2023 23:34		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110623

Review By	yogesh	Review On	11/7/2023 8:07:13 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:02:46 PM		
SubDirectory	PP110623	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP061439.D	06 Nov 2023 09:49		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP061440.D	06 Nov 2023 10:05		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP061441.D	06 Nov 2023 10:22		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP061442.D	06 Nov 2023 10:39		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP061443.D	06 Nov 2023 10:55		YP\AJ	Ok
6	I.BLK	I.BLK	PP061444.D	06 Nov 2023 11:17	TCMX high in sec column	YP\AJ	Ok,M
7	PB156919BL	PB156919BL	PP061445.D	06 Nov 2023 13:28		YP\AJ	Ok
8	PB156919BS	PB156919BS	PP061446.D	06 Nov 2023 13:44		YP\AJ	Ok
9	O5252-01	WASTE	PP061447.D	06 Nov 2023 14:00		YP\AJ	Ok,M
10	O5253-01	L-1(65FT)(5-10)	PP061448.D	06 Nov 2023 14:17	AR1260 hit	YP\AJ	Ok,M
11	O5253-02	L-6(0-5)	PP061449.D	06 Nov 2023 14:33		YP\AJ	Ok,M
12	O5253-03	L-3(120FT)(0-5)	PP061450.D	06 Nov 2023 14:50	AR1260 hit	YP\AJ	Ok,M
13	O5253-04	L-3(195FT)(0-5)	PP061451.D	06 Nov 2023 15:06		YP\AJ	Ok,M
14	O5256-01	WC-1	PP061452.D	06 Nov 2023 15:22		YP\AJ	Ok,M
15	O5256-05	WC-11	PP061453.D	06 Nov 2023 15:39		YP\AJ	Ok
16	O5256-09	WC-10	PP061454.D	06 Nov 2023 15:55		YP\AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PP061455.D	06 Nov 2023 16:11		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP061456.D	06 Nov 2023 16:28		YP\AJ	Ok
19	AR1248CCC500	AR1248CCC500	PP061457.D	06 Nov 2023 16:44		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110623

Review By	yogesh	Review On	11/7/2023 8:07:13 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:02:46 PM		
SubDirectory	PP110623	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

20	AR1254CCC500	AR1254CCC500	PP061458.D	06 Nov 2023 17:01	F - flag coming	YP\AJ	Not Ok
21	I.BLK	I.BLK	PP061459.D	06 Nov 2023 17:17		YP\AJ	Ok,M
22	O5255-01	P001-WC01-01	PP061460.D	06 Nov 2023 17:33	AR1254 hit (Need Dilution) F-flag coming	YP\AJ	Not Ok
23	O5255-02MS	P001-WC01-01MS	PP061461.D	06 Nov 2023 17:50	Recovery fail AR1016 ,AR1260 , TCMX low in 1st column	YP\AJ	Not Ok
24	O5255-03MSD	P001-WC01-01MSD	PP061462.D	06 Nov 2023 18:06	Recovery fail AR1016 ,AR1260 , TCMX low in 1st column	YP\AJ	Not Ok
25	O5255-04	P001-WC01-02	PP061463.D	06 Nov 2023 18:22	AR1254 hit (Need Dilution) F-flag coming	YP\AJ	Not Ok
26	O5257-01	WC-6	PP061464.D	06 Nov 2023 18:39		YP\AJ	Not Ok
27	O5257-05	WC-2	PP061465.D	06 Nov 2023 18:55		YP\AJ	Not Ok
28	O5257-09	WC-3	PP061466.D	06 Nov 2023 19:11		YP\AJ	Not Ok
29	PB156937BL	PB156937BL	PP061467.D	06 Nov 2023 19:28		YP\AJ	Not Ok
30	PB156937BS	PB156937BS	PP061468.D	06 Nov 2023 19:44	F-flag coming	YP\AJ	Not Ok
31	AR1660CCC500	AR1660CCC500	PP061469.D	06 Nov 2023 20:21	F-flag coming	YP\AJ	Not Ok
32	AR1242CCC500	AR1242CCC500	PP061470.D	06 Nov 2023 20:37	F-flag coming	YP\AJ	Not Ok
33	AR1248CCC500	AR1248CCC500	PP061471.D	06 Nov 2023 20:54	F-flag coming	YP\AJ	Not Ok
34	AR1254CCC500	AR1254CCC500	PP061472.D	06 Nov 2023 21:10	F-flag coming	YP\AJ	Not Ok
35	I.BLK	I.BLK	PP061473.D	06 Nov 2023 21:26		YP\AJ	Not Ok
36	O5258-01	01-A-01-B-01-C	PP061474.D	06 Nov 2023 21:43	need cleanup	YP\AJ	Not Ok
37	O5258-02	02-A-02-B-02-C	PP061475.D	06 Nov 2023 21:59	need cleanup	YP\AJ	Not Ok
38	O5258-03	03-A-03-B-03-C	PP061476.D	06 Nov 2023 22:15	need cleanup	YP\AJ	Not Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP110623

Review By	yogesh	Review On	11/7/2023 8:07:13 AM		
Supervise By	Ankita	Supervise On	11/7/2023 12:02:46 PM		
SubDirectory	PP110623	HP Acquire Method		HP Processing Method	PP102723

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP22207,PP22208,PP22209,PP22210,PP22211,PP22212,PP22213,PP22214,PP22215,PP22216,PP22217,PP22218,PP22219,PP22220,PP22221,PP22222,PP22223,PP22224,PP22225,PP22226,PP22227,PP22228,PP22229,PP22230,PP22231,PP22232,PP22233,PP22234,PP22235,PP22236,PP22237,PP22238,PP22239,PP22240,PP22241,PP22242,PP22243,PP22244,PP22245,PP22246
CCC	PP22209,PP22214,PP22219,PP22224,PP22229,PP22234,PP22239,PP22244
Internal Standard/PEM	
ICV/I.BLK	PP22249,PP22251,PP22253,PP22255,PP22257,PP22259,PP22261,PP22263
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

39	O5258-04	04-A-04-B-04-C	PP061477.D	06 Nov 2023 22:32	need cleanup	YP\AJ	Not Ok
40	O5258-05	05-A-05-B-05-C	PP061478.D	06 Nov 2023 22:48	need cleanup	YP\AJ	Not Ok
41	O5258-06	06-A-06-B-06-C	PP061479.D	06 Nov 2023 23:05	need cleanup	YP\AJ	Not Ok
42	O5258-07	07-A-07-B-07-C	PP061480.D	06 Nov 2023 23:21	AR1254 hit F flag coming	YP\AJ	Not Ok
43	O5258-08	08-A-08-B-08-C	PP061481.D	06 Nov 2023 23:37	need cleanup	YP\AJ	Not Ok
44	O5258-09	09-A-09-B-09-C	PP061482.D	06 Nov 2023 23:53	need cleanup	YP\AJ	Not Ok
45	O5258-10	10-A-10-B-10-C	PP061483.D	07 Nov 2023 00:10	need cleanup	YP\AJ	Not Ok
46	O5258-11	11-A-11-B-11-C	PP061484.D	07 Nov 2023 00:26	need cleanup	YP\AJ	Not Ok
47	O5258-12	12-A-12-B-12-C	PP061485.D	07 Nov 2023 00:43	AR1260 hit (need dilution)	YP\AJ	Not Ok
48	O5258-13	13-A-14-B-14-C	PP061486.D	07 Nov 2023 00:59	need cleanup	YP\AJ	Not Ok
49	O5258-14	14-A-14-B-14-C	PP061487.D	07 Nov 2023 01:15	AR1254+1260+AR1268 hit (need dilution) please confirm hit	YP\AJ	Not Ok
50	O5258-15	15-A-15-B-15-C	PP061488.D	07 Nov 2023 01:32	need cleanup	YP\AJ	Not Ok
51	O5258-16	16-A-16-B-16-C	PP061489.D	07 Nov 2023 01:48	AR1254+AR1268 hit (need dilution)	YP\AJ	Not Ok
52	O5258-17	17-A-17-B-17-C	PP061490.D	07 Nov 2023 02:04	need cleanup	YP\AJ	Not Ok
53	O5258-18	18-A-18-B-18-C	PP061491.D	07 Nov 2023 02:21	AR1254 hit (need dilution)	YP\AJ	Not Ok
54	O5258-19	19-A-19-B-19-C	PP061492.D	07 Nov 2023 02:37	need cleanup	YP\AJ	Not Ok
55	O5258-20	20-A-20-B-20-C	PP061493.D	07 Nov 2023 02:53	AR1254 hit (need dilution)	YP\AJ	Not Ok
56	AR1660CCC500	AR1660CCC500	PP061494.D	07 Nov 2023 03:30	F-flag coming	YP\AJ	Not Ok
57	I.BLK	I.BLK	PP061495.D	07 Nov 2023 03:47	F-flag coming	YP\AJ	Not Ok

M : Manual Integration

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/7/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/06/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC:LB128195

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
O5102-02	67S-SB02-0815	89	1.15	8.58	9.73	7.6	75.2	
O5102-03	67S-SB02-2628	90	1.14	8.64	9.78	6.04	56.7	
O5102-04	67S-SB04-1419	91	1.16	8.74	9.9	7.15	68.5	
O5102-05	67S-SB07-1418	92	1.15	8.81	9.96	7.55	72.6	
O5102-06	67S-SB08-1619	93	1.15	8.81	9.96	9.00	89.1	
O5102-07	67S-SB09-1314.5	94	1.19	8.79	9.98	5.8	52.4	
O5102-08	67S-SB11-1218	95	1.12	8.46	9.58	8.11	82.6	
O5102-09	67S-SB11-1218-D	96	1.19	8.47	9.66	8.02	80.6	
O5102-10	67S-SB14-1216	97	1.11	8.76	9.87	8.07	79.5	
O5102-11	67S-SB16-1617	98	1.17	8.55	9.72	7.46	73.6	
O5102-13	67-IDW-01	99	1.13	8.52	9.65	8.02	80.9	
O5244-01	1A	1	1.14	8.63	9.77	7.54	74.2	
O5244-04	2A	2	1.18	8.48	9.66	8.15	82.2	
O5244-07	3A	3	1.16	8.50	9.66	8.22	83.1	
O5244-10	4A	4	1.19	8.78	9.97	8.58	84.2	
O5244-13	5A	5	1.11	8.47	9.58	8.47	86.9	
O5244-16	6A	6	1.19	8.71	9.9	6.99	66.6	
O5244-19	7A	7	1.19	8.79	9.98	7.01	66.2	
O5245-02	8A	8	1.16	8.48	9.64	6.25	60.0	
O5245-05	9A	9	1.19	8.55	9.74	7.21	70.4	
O5245-08	10A	10	1.13	8.67	9.8	7.04	68.2	
O5245-11	11A	11	1.16	8.68	9.84	7.72	75.6	
O5245-14	12A	12	1.15	8.83	9.98	8.19	79.7	
O5245-17	13A	13	1.14	8.68	9.82	8.6	85.9	
O5245-20	14A	14	1.19	8.79	9.98	8.86	87.3	
O5246-03	15A	15	1.18	8.64	9.82	8.47	84.4	
O5246-06	16A	16	1.13	8.84	9.97	9.00	89.0	
O5246-09	17A	17	1.16	8.80	9.96	8.81	86.9	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/7/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/06/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5246-12	18A	18	1.13	8.75	9.88	8.64	85.8	
O5246-15	19A	19	1.18	8.50	9.68	8.56	86.8	
O5246-18	20B	20	1.18	8.78	9.96	7.48	71.8	
O5247-01	21B	21	1.18	8.46	9.64	8.2	83.0	
O5247-04	22B	22	1.18	8.79	9.97	8.7	85.6	
O5247-07	23B	23	1.15	8.80	9.95	8.51	83.6	
O5247-10	24B	24	1.18	8.41	9.59	8.37	85.5	
O5247-13	25B	25	1.14	8.65	9.79	8.84	89.0	
O5247-16	26A	26	1.17	8.57	9.74	8.42	84.6	
O5247-19	27A	27	1.19	8.59	9.78	7.36	71.8	
O5248-02	28A	28	1.19	8.80	9.99	7.44	71.0	
O5248-03	29A	29	1.12	8.71	9.83	8.21	81.4	
O5248-04	30A	30	1.19	8.58	9.77	7.99	79.3	
O5248-05	31A	31	1.15	8.53	9.68	7.61	75.7	
O5248-06	32A	32	1.19	8.73	9.92	7.88	76.6	
O5248-07	33A	33	1.18	8.80	9.98	7.29	69.4	
O5248-08	34A	34	1.19	8.60	9.79	8.26	82.2	
O5248-09	35A	35	1.16	8.58	9.74	7.74	76.7	
O5248-10	DUP-1	36	1.15	8.51	9.66	7.49	74.5	
O5248-13	DUP-4	37	1.16	8.81	9.97	7.83	75.7	
O5248-14	DUP-5	38	1.19	8.55	9.74	8.32	83.4	
O5248-16	DUP-7	39	1.19	8.51	9.7	7.1	69.4	
O5251-01	T-1	40	1.12	8.76	9.88	8.27	81.6	
O5251-02	T-2	41	1.19	8.50	9.69	8.42	85.1	
O5251-03	T-3	42	1.15	8.52	9.67	8.14	82.0	
O5251-04	T-4	43	1.19	8.43	9.62	8.39	85.4	
O5251-05	T-5	44	1.16	8.39	9.55	8.39	86.2	
O5251-06	T-6	45	1.18	8.63	9.81	8.22	81.6	

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/7/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/06/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5251-07	T-7	46	1.17	8.50	9.67	8.55	86.8	
O5251-08	T-8	47	1.19	8.69	9.88	8.73	86.8	
O5251-09	T-9	48	1.12	8.70	9.82	8.76	87.8	
O5251-10	T-10	49	1.19	8.73	9.92	8.85	87.7	
O5251-11	T-11	50	1.19	8.65	9.84	8.68	86.6	
O5252-01	WASTE	51	1.17	8.60	9.77	8.96	90.6	
O5253-01	L-1(65FT)(5-10)	52	1.18	8.53	9.71	8.35	84.1	
O5253-02	L-6(0-5)	53	1.13	8.53	9.66	8.76	89.4	
O5253-03	L-3(120FT)(0-5)	54	1.15	8.57	9.72	9.00	91.6	
O5253-04	L-3(195FT)(0-5)	55	1.19	8.58	9.77	9.02	91.3	
O5258-01	01-A-01-B-01-C	56	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-02	02-A-02-B-02-C	57	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-03	03-A-03-B-03-C	58	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-04	04-A-04-B-04-C	59	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-05	05-A-05-B-05-C	60	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-06	06-A-06-B-06-C	61	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-07	07-A-07-B-07-C	62	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-08	08-A-08-B-08-C	63	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-09	09-A-09-B-09-C	64	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-10	10-A-10-B-10-C	65	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-11	11-A-11-B-11-C	66	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-12	12-A-12-B-12-C	67	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-13	13-A-14-B-14-C	68	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-14	14-A-14-B-14-C	69	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-15	15-A-15-B-15-C	70	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-16	16-A-16-B-16-C	71	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-17	17-A-17-B-17-C	72	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-18	18-A-18-B-18-C	73	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE

CHEMTECH

PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 11/7/2023

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 11/06/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN-1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:15
Out Date: 11/07/2023
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: %SOLIDS-OVEN

QC: LB128195

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
O5258-19	19-A-19-B-19-C	74	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-20	20-A-20-B-20-C	75	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-21	21-A-21-B-21-C	76	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-22	22-A-22-B-22-C	77	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-23	23-A-23-B-23-C	78	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-24	24-A-24-B-24-C	79	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-25	25-A-25-B-25-C	80	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-26	26-A-26-B-26-C	81	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5258-27	27-A-27-B-27-C	82	1.00	1.00	2.00	2.00	100.0	CAULKING SAMPLE
O5266-01	1203	83	1.15	8.42	9.57	9.24	96.1	
O5267-01	ETGI-320	86	1.00	1.00	2.00	2.00	100.0	CONCRETE SAMPLE
O5270-01	OR-3-110623	84	1.18	8.80	9.98	9.34	92.7	
O5270-02	OR-3-110623-E2	85	1.13	8.80	9.93	9.01	89.5	
O5272-01	001	87	1.15	8.39	9.54	7.94	80.9	
O5272-02	002	88	1.15	8.39	9.54	7.94	80.9	

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

VB 128195

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5102-02	67S-SB02-0815	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-03	67S-SB02-2628	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-04	67S-SB04-1419	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-05	67S-SB07-1418	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-06	67S-SB08-1619	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-07	67S-SB09-1314.5	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-08	67S-SB11-1218	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/23/2023	Chemtech -SO
O5102-09	67S-SB11-1218-D	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/24/2023	Chemtech -SO
O5102-10	67S-SB14-1216	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/24/2023	Chemtech -SO
O5102-11	67S-SB16-1617	Solid	Percent Solids	Cool 4 deg C	TETR16	I41	10/24/2023	Chemtech -SO
O5244-01	1A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-04	2A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-07	3A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-10	4A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-13	5A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-16	6A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5244-19	7A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-02	8A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-05	9A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-08	10A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-11	11A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO

Date/Time 11.06.23 15:30

Raw Sample Received by: JR (WC)

Raw Sample Relinquished by:

Date/Time 11.06.23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JR (WC)

WORKLIST(Hardcopy Internal Chain)

VB 128195

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5245-14	12A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-17	13A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5245-20	14A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-03	15A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-06	16A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-09	17A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-12	18A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-15	19A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5246-18	20B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5247-01	21B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5247-04	22B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-07	23B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-10	24B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-13	25B	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-16	26A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5247-19	27A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5248-02	28A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/03/2023	Chemtech -SO
O5248-03	29A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-04	30A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-05	31A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-06	32A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO

Date/Time 11-06-23 15:30

Raw Sample Received by: JP (WC)

Raw Sample Relinquished by:

Date/Time 11-06-23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JP (WC)

WORKLIST(Hardcopy Internal Chain)

VB128195

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5248-07	33A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-08	34A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-09	35A	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-10	DUP-1	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-13	DUP-4	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-14	DUP-5	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5248-16	DUP-7	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5251-01	T-1	Solid	Percent Solids	Cool 4 deg C	ATCE02	I41	11/02/2023	Chemtech -SO
O5251-02	T-2	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-03	T-3	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-04	T-4	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-05	T-5	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-06	T-6	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-07	T-7	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-08	T-8	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-09	T-9	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-10	T-10	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5251-11	T-11	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5252-01	WASTE	Solid	Percent Solids	Cool 4 deg C	RMJE02	L21	11/02/2023	Chemtech -SO
O5253-01	L-1(65FT)(5-10)	Solid	Percent Solids	Cool 4 deg C	RMJE02	I31	11/03/2023	Chemtech -SO
O5253-02	L-6(0-5)	Solid	Percent Solids	Cool 4 deg C	GEIC06	L21	11/02/2023	Chemtech -SO
					GEIC06	L21	11/03/2023	Chemtech -SO

Date/Time 11-06-23 15:30

Raw Sample Received by: JP (WC)

Raw Sample Relinquished by:

Date/Time 11-06-23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JP (WC)

NB128195

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5253-03	L-3(120FT)(0-5)	Solid	Percent Solids	Cool 4 deg C	GEIC06	L21	11/03/2023	Chemtech -SO
O5253-04	L-3(195FT)(0-5)	Solid	Percent Solids	Cool 4 deg C	GEIC06	L21	11/03/2023	Chemtech -SO
O5258-01	01-A-01-B-01-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-02	02-A-02-B-02-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-03	03-A-03-B-03-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-04	04-A-04-B-04-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-05	05-A-05-B-05-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-06	06-A-06-B-06-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-07	07-A-07-B-07-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-08	08-A-08-B-08-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-09	09-A-09-B-09-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-10	10-A-10-B-10-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-11	11-A-11-B-11-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-12	12-A-12-B-12-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-13	13-A-14-B-14-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-14	14-A-14-B-14-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-15	15-A-15-B-15-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-16	16-A-16-B-16-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-17	17-A-17-B-17-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-18	18-A-18-B-18-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-19	19-A-19-B-19-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO

Date/Time 11.06.23 15:30

Raw Sample Received by: JD (CWC)

Raw Sample Relinquished by: CP Sm

Date/Time 11.06.23 17:30

Raw Sample Received by: CP Sm

Raw Sample Relinquished by: JD (CWC)

NB 128195

WORKLIST(Hardcopy Internal Chain)

WorkList Name : %1-110623 **WorkList ID :** 175305 **Department :** Wet-Chemistry **Date :** 11-06-2023 08:43:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5258-20	20-A-20-B-20-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-21	21-A-21-B-21-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-22	22-A-22-B-22-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-23	23-A-23-B-23-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-24	24-A-24-B-24-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-25	25-A-25-B-25-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-26	26-A-26-B-26-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5258-27	27-A-27-B-27-C	Solid	Percent Solids	Cool 4 deg C	BSIG01	L21	11/03/2023	Chemtech -SO
O5266-01	1203	Solid	Percent Solids	Cool 4 deg C	PSEG03	I41	11/06/2023	Chemtech -SO
O5267-01	ETGI-320	Solid	Percent Solids	Cool 4 deg C	PSEG03	L31	11/06/2023	Chemtech -SO
O5270-01	OR-3-110623	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	11/06/2023	Chemtech -SO
O5270-02	OR-3-110623-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	I31	11/06/2023	Chemtech -SO
O5272-01	001	Solid	Percent Solids	Cool 4 deg C	CONS03	I41	11/02/2023	Chemtech -SO
O5272-02	002	Solid	Percent Solids	Cool 4 deg C	CONS03	I41	11/02/2023	Chemtech -SO

Date/Time 11.06.23 15:30

Raw Sample Received by: JD (CEC)

Raw Sample Relinquished by:

Date/Time 11.06.23 17:30

Raw Sample Received by:

Raw Sample Relinquished by: JD (CEC)

CHEMTECH

EXTRACTION LOGPAGE

PB156919

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	11/06/2023
Matrix :	Solid			**Extraction Start Time :**	09:10
Weigh By:	RJ	**Extraction By:**	RJ	**Extraction End Date :**	11/06/2023
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	12:50
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: [_] Seperatory Funnel [_] Continious Liquid/Liquid [_] Sonication [_] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP22387
Surrogate	1.0ML	200 PPB	PP22594
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	EP2393
Baked Na2SO4	N/A	EP2405
Sand	N/A	E2865
Hexane	N/A	E3591
H2SO4 1:1	N/A	EP2379
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:

40 ML Vial lot# 03-40 BTS721. O5255-01 TO 04 Limited volume used as samples are Wood chips. O5252,5253 Added in batch at 09:50.

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
11/6/23	RP (Ext. 1 ...)	AJ / ...
12:55	Preparation Group	Analysis Group

CHEMTECH

EXTRACTION LOGPAGE

PrepBatch ID : PB156919

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 11/06/2023

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB156919BL	ABLK919	PCB	30.03	N/A	ritesh	RUPESH	10			U1-1
PB156919BS	ALCS919	PCB	30.01	N/A	ritesh	RUPESH	10			2
O5252-01	WASTE	PCB	30.07	N/A	ritesh	RUPESH	10	B		3
O5253-01	L-1(65FT)(5-10)	PCB	30.10	N/A	ritesh	RUPESH	10	E		4
O5253-02	L-6(0-5)	PCB	30.01	N/A	ritesh	RUPESH	10	E		5
O5253-03	L-3(120FT)(0-5)	PCB	30.03	N/A	ritesh	RUPESH	10	E		6
O5253-04	L-3(195FT)(0-5)	PCB	30.05	N/A	ritesh	RUPESH	10	E		U3-1
O5255-01	P001-WC01-01	PCB	1.04	N/A	ritesh	RUPESH	10		Wood Chips	2
O5255-02	O5255-01MS	PCB	10.07	N/A	ritesh	RUPESH	10		Wood Chips	3
O5255-03	O5255-01MSD	PCB	10.09	N/A	ritesh	RUPESH	10		Wood Chips	4
O5255-04	P001-WC01-02	PCB	10.05	N/A	ritesh	RUPESH	10		Wood Chips	5
O5256-01	WC-1	PCB	30.09	N/A	ritesh	RUPESH	10	B		6
O5256-05	WC-11	PCB	30.01	N/A	ritesh	RUPESH	10	B		U5-1
O5256-09	WC-10	PCB	30.03	N/A	ritesh	RUPESH	10	B		2
O5257-01	WC-6	PCB	30.08	N/A	ritesh	RUPESH	10	B		3
O5257-05	WC-2	PCB	30.05	N/A	ritesh	RUPESH	10	B		4
O5257-09	WC-3	PCB	30.10	N/A	ritesh	RUPESH	10	B		5

* **Extracts relinguished on the same date as received.**

11/6/23

1569/9
9:10

WORKLIST(Hardcopy Internal Chain)

WorkList Name : o5255 **WorkList ID :** 175302 **Department :** Extraction **Date :** 11-06-2023 08:41:25

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5255-01	P001-WC01-01	Solid	PCB	Cool 4 deg C	ROYF02	L21	11/03/2023	8082A
O5255-02	O5255-01MS	Solid	PCB	Cool 4 deg C	ROYF02	L21	11/03/2023	8082A
O5255-03	O5255-01MSD	Solid	PCB	Cool 4 deg C	ROYF02	L21	11/03/2023	8082A
O5255-04	P001-WC01-02	Solid	PCB	Cool 4 deg C	ROYF02	L21	11/03/2023	8082A
O5256-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/03/2023	8082A
O5256-05	WC-11	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/03/2023	8082A
O5256-09	WC-10	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/03/2023	8082A
O5257-01	WC-6	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/03/2023	8082A
O5257-05	WC-2	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/03/2023	8082A
O5257-09	WC-3	Solid	PCB	Cool 4 deg C	PSEG03	L31	11/03/2023	8082A

Date/Time 11/6/23 9:05
Raw Sample Received by: RJ (Ser Lab)
Raw Sample Relinquished by:

Date/Time 11/6/23 9:30
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ser Lab)

WORKLIST(Hardcopy Internal Chain)

WorkList Name : O5253 **WorkList ID :** 175313 **Department :** Extraction **Date :** 11-06-2023 09:50:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
O5252-01	WASTE	Solid	PCB	Cool 4 deg C	RMJE02	I31	11/03/2023	8082A
O5252-01	WASTE	Solid	Pesticide-TCL	Cool 4 deg C	RMJE02	I31	11/03/2023	8081B
O5253-01	L-1(65FT)(5-10)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/02/2023	8082A
O5253-01	L-1(65FT)(5-10)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/02/2023	8081B
O5253-02	L-6(0-5)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/03/2023	8082A
O5253-02	L-6(0-5)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/03/2023	8081B
O5253-03	L-3(120FT)(0-5)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/03/2023	8082A
O5253-03	L-3(120FT)(0-5)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/03/2023	8081B
O5253-04	L-3(195FT)(0-5)	Solid	PCB	Cool 4 deg C	GEIC06	L21	11/03/2023	8082A
O5253-04	L-3(195FT)(0-5)	Solid	Pesticide-TCL	Cool 4 deg C	GEIC06	L21	11/03/2023	8081B

Date/Time 11/6/23 9:50

Raw Sample Received by: RJ (Sign Only)

Raw Sample Relinquished by: SM

Date/Time 11/6/23 10:05

Raw Sample Received by: SM

Raw Sample Relinquished by: RJ (Sign Only)

CHEMTECH

SHIPPING DOCUMENTS

CHEMTECH
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO.
QUOTE NO. 05252
COC Number 2042541

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: RMJ
ADDRESS: PO Box 719
CITY Totowa STATE: NJ ZIP: 07511
ATTENTION: Jonathan Pereira
PHONE: 5512719485 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 245 Greenwood
PROJECT NO.: LOCATION: Midland Park
PROJECT MANAGER: Jonathan Pereira
e-mail:
PHONE: 9736330020 FAX: 9736330019

CLIENT BILLING INFORMATION

BILL TO: RMJ PO#:
ADDRESS: PO Box 719
CITY Totowa STATE: NJ ZIP: 07511
ATTENTION: Rita Della Fave PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

- ☐ Level 1 (Results Only)
- ☐ Level 2 (Results + QC)
- ☐ Level 3 (Results + QC + Raw Data)
- ☐ Level 4 (QC + Full Raw Data)
- ☒ NJ Reduced
- ☐ US EPA CLP
- ☐ NYS ASP A
- ☐ NYS ASP B
- ☐ Other
- ☒ EDD FORMAT NJ EDD

ANALYSIS

1 EPH, 2 TAL/TCL +30, 3 Paint Filter, 4 TCLP Metals, 5 VOC, 6, 7, 8, 9

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE COMP	SAMPLE TYPE GRAB	SAMPLE COLLECTION DATE	SAMPLE COLLECTION TIME	# OF BOTTLES	PRESERVATIVES 1	2	3	4	5	6	7	8	9	COMMENTS
												A					← Specify Preservatives A-HCl D-NaOH B-HN03 E-ICE C-H2SO4 F-OTHER
1.	Waste	Soil	X		11/3/23	1120	2	X	X	X	H						H = Hold
2.	Waste - VOC	↓		X	11/3/23	1126	3					X					
3.																	
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1. JPereira	11/3/23 1402	1. IT
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☒ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 3.8 °C
Comments: Hold TCLP Metal Analysis

Page ____ of ____

CLIENT: ☐ Hand Delivered ☐ Other _____
CHEMTECH: ☐ Picked Up ☐ Field Sampling

Shipment Complete ☐ YES ☐ NO

WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY

CHEMTECH 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	255423
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-21-00137
Texas	T104704488-23-16

CHEMTECH

LOGIN REPORT/SAMPLE TRANSFER

Order ID : O5252 RMJE02
Client Name : RMJ Environomics, Inc.
Client Contact : Jonathan Pereira
Invoice Name : RMJ Environomics, Inc.
Invoice Contact : Jonathan Pereira

Order Date : 11/3/2023 2:14:16 PM
Project Name : 245 Greenwood Ave
Receive DateTime : 11/3/2023 2:02:00 PM
Purchase Order :

Project Mgr : Yazmeen
Report Type : NJ Reduced
EDD Type : HAZ/EXCEL
Hard Copy Date :
Date Signoff : 11/6/2023 9:49:22 AM

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
O5252-03	WASTE-VOC	Solid	11/03/2023	11:26					
					VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By :
Date / Time : 11/6/23 10:30

Received By :
Date / Time : 11/6/23 10:30 aej #6 R22
Storage Area : VOA Refridgerator Room