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Cover Page

Order ID : Q2425

Project ID : AS Jenks School

Client : Kleinfelder

Lab Sample Number	Client Sample Number
Q2425-01	COMP-1
Q2425-02	COMP-2
Q2425-03	COMP-3

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: 6/30/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

Kleinfelder
Project Name: AS Jenks School
Project # N/A
Order ID # Q2425
Test Name: PCB Group1

A. Number of Samples and Date of Receipt:
3 Solid samples were received on 06/25/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: Ammonia, Anions Group1, Hexavalent Chromium, Mercury, Metals Group1, Metals ICP-Group1, PCB Group1, PESTICIDE Group1, SVOCMS Group1, Trivalent Chromium and VOCMS Group1. This data package contains results for PCB Group1.

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 PCB Group1s 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.
The Retention Times were acceptable for all samples.
The MS recoveries met the requirements for all compounds .
The MSD recoveries met the acceptable requirements .
The RPD met criteria .
The Blank Spike met requirements for all samples .
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.

F. Manual Integration Comments:

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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 #: Q2425

	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	✓

QA Review Signature: PRADIP PRAJAPATI **Date:** 06/30/2025

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LAB CHRONICLE

OrderID:	Q2425	**OrderDate:**	6/25/2025 2:03:00 PM
Client:	Kleinfelder	**Project:**	AS Jenks School
Contact:	Mark Warchol	**Location:**	D51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2425-01	**COMP-1**	**SOIL**			**06/24/25**			**06/25/25**
			PCB Group1	8082A		06/26/25	06/26/25	
Q2425-02	**COMP-2**	**SOIL**			**06/24/25**			**06/25/25**
			PCB Group1	8082A		06/26/25	06/26/25	
Q2425-03	**COMP-3**	**SOIL**			**06/24/25**			**06/25/25**
			PCB Group1	8082A		06/26/25	06/26/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2425 **Order ID:** Q2425

Client: Kleinfelder **Project ID:** AS Jenks School

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC
SUMMARY

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Surrogate Summary

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
I.BLK-PO111586.D	PIBLK-PO111586.D	Tetrachloro-m-xylene	1	20	20.3	102		60	140
		Decachlorobiphenyl	1	20	20.7	104		60	140
		Tetrachloro-m-xylene	2	20	19.0	95		60	140
		Decachlorobiphenyl	2	20	20.5	103		60	140
I.BLK-PO111862.D	PIBLK-PO111862.D	Tetrachloro-m-xylene	1	20	20.5	102		60	140
		Decachlorobiphenyl	1	20	19.8	99		60	140
		Tetrachloro-m-xylene	2	20	18.4	92		60	140
		Decachlorobiphenyl	2	20	19.4	97		60	140
Q2425-01	COMP-1	Tetrachloro-m-xylene	1	20	16.4	82		32	144
		Decachlorobiphenyl	1	20	15.8	79		32	175
		Tetrachloro-m-xylene	2	20	14.6	73		32	144
		Decachlorobiphenyl	2	20	16.5	82		32	175
Q2425-02	COMP-2	Tetrachloro-m-xylene	1	20	18.6	93		32	144
		Decachlorobiphenyl	1	20	16.5	83		32	175
		Tetrachloro-m-xylene	2	20	16.9	85		32	144
		Decachlorobiphenyl	2	20	16.8	84		32	175
Q2425-03	COMP-3	Tetrachloro-m-xylene	1	20	21.1	106		32	144
		Decachlorobiphenyl	1	20	19.2	96		32	175
		Tetrachloro-m-xylene	2	20	19.4	97		32	144
		Decachlorobiphenyl	2	20	19.7	98		32	175
I.BLK-PO111875.D	PIBLK-PO111875.D	Tetrachloro-m-xylene	1	20	20.0	100		60	140
		Decachlorobiphenyl	1	20	19.2	96		60	140
		Tetrachloro-m-xylene	2	20	18.1	90		60	140
		Decachlorobiphenyl	2	20	19.5	97		60	140
I.BLK-PP072990.D	PIBLK-PP072990.D	Tetrachloro-m-xylene	1	20	17.3	86		60	140
		Decachlorobiphenyl	1	20	18.3	91		60	140
		Tetrachloro-m-xylene	2	20	18.0	90		60	140
		Decachlorobiphenyl	2	20	17.2	86		60	140
I.BLK-PP073283.D	PIBLK-PP073283.D	Tetrachloro-m-xylene	1	20	18.9	94		60	140
		Decachlorobiphenyl	1	20	18.6	93		60	140
		Tetrachloro-m-xylene	2	20	18.8	94		60	140
		Decachlorobiphenyl	2	20	20.9	105		60	140
PB168622BL	PB168622BL	Tetrachloro-m-xylene	1	20	19.3	96		32	144
		Decachlorobiphenyl	1	20	20.0	100		32	175
		Tetrachloro-m-xylene	2	20	18.8	94		32	144
		Decachlorobiphenyl	2	20	21.1	106		32	175
PB168622BS	PB168622BS	Tetrachloro-m-xylene	1	20	20.2	101		32	144
		Decachlorobiphenyl	1	20	20.0	100		32	175
		Tetrachloro-m-xylene	2	20	18.6	93		32	144
		Decachlorobiphenyl	2	20	23.0	115		32	175
Q2409-02MS	COP-SOIL-PILEMS	Tetrachloro-m-xylene	1	20	20.0	100		32	144

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Surrogate Summary

SDG No.: Q2425

Client: Kleinfelder

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Rec	Qual	Limits Low	Limits High
Q2409-02MS	COP-SOIL-PILEMS	Decachlorobiphenyl	1	20	22.5	112		32	175
		Tetrachloro-m-xylene	2	20	18.9	94		32	144
		Decachlorobiphenyl	2	20	22.7	113		32	175
Q2409-02MSD	COP-SOIL-PILEMSD	Tetrachloro-m-xylene	1	20	19.3	97		32	144
		Decachlorobiphenyl	1	20	23.0	115		32	175
		Tetrachloro-m-xylene	2	20	19.2	96		32	144
		Decachlorobiphenyl	2	20	22.7	114		32	175
I.BLK-PP073298.D	PIBLK-PP073298.D	Tetrachloro-m-xylene	1	20	18.3	91		60	140
		Decachlorobiphenyl	1	20	18.9	95		60	140
		Tetrachloro-m-xylene	2	20	18.7	93		60	140
		Decachlorobiphenyl	2	20	20.5	103		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2425 **Analytical Method:** 8082A

Client: Kleinfelder **DataFile :** PP073292.D

Lab Sample ID:	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Client Sample ID:	**COP-SOIL-PILEMS**											
Q2409-02MS (Column 1)	AR1016	172.7	0	163	ug/kg	94				55	146	
	AR1260	172.7	31	195	ug/kg	95				54	119	
Client Sample ID:	**COP-SOIL-PILEMS**											
Q2409-02MS (Column 2)	AR1016	172.7	0	154	ug/kg	89				55	146	
	AR1260	172.7	28	169	ug/kg	98				54	119	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q2425 **Analytical Method:** 8082A

Client: Kleinfelder **DataFile :** PP073293.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:	**COP-SOIL-PILEMSD**											
Q2409-02MSD (Column 1)	AR1016	172.5	0	163	ug/kg	94		0		55	146	15
	AR1260	172.5	31	202	ug/kg	99		4		54	119	15
Client Sample ID:	**COP-SOIL-PILEMSD**											
Q2409-02MSD (Column 2)	AR1016	172.5	0	158	ug/kg	92		3		55	146	15
	AR1260	172.5	28	174	ug/kg	101		3		54	119	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2425 **Analytical Method:** 8082A

Client: Kleinfelder **Datafile :** PP073290.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB168622BS (Column 1)	AR1016	166.6	160	ug/kg	96				71	120	
	AR1260	166.6	159	ug/kg	95				65	130	
PB168622BS (Column 2)	AR1016	166.6	149	ug/kg	89				71	120	
	AR1260	166.6	157	ug/kg	94				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB168622BL

Lab Name: CHEMTECH Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

Lab Sample ID: PB168622BL Lab File ID: PP073289.D

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

Sulfur Cleanup: (Y/N) N Date Extracted: 06/26/2025

Date Analyzed (1): 06/26/2025 Date Analyzed (2): 06/26/2025

Time Analyzed (1): 12:25 Time Analyzed (2): 12:25

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
COMP-1	Q2425-01	PO111866.D	06/26/2025	06/26/2025
COMP-2	Q2425-02	PO111867.D	06/26/2025	06/26/2025
COMP-3	Q2425-03	PO111868.D	06/26/2025	06/26/2025
PB168622BS	PB168622BS	PP073290.D	06/26/2025	06/26/2025
COP-SOIL-PILEMS	Q2409-02MS	PP073292.D	06/26/2025	06/26/2025
COP-SOIL-PILEMSD	Q2409-02MSD	PP073293.D	06/26/2025	06/26/2025

COMMENTS:

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SAMPLE DATA

Raw Data: **PO111866.D**

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Report of Analysis

Client:	Kleinfelder		Date Collected:	06/24/25	
Project:	AS Jenks School		Date Received:	06/25/25	
Client Sample ID:	COMP-1		SDG No.:	Q2425	
Lab Sample ID:	Q2425-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	76.9	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111866.D	1	06/26/25 08:20	06/26/25 13:12	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	22.1	ug/kg
11097-69-1	Aroclor-1254	4.20	U	4.20	22.1	ug/kg
11096-82-5	Aroclor-1260	4.20	U	4.20	22.1	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.4		32 - 144	82%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.5		32 - 175	82%	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\PO062625\
Data File : PO111866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:12
Operator : YP/AJ
Sample : Q2425-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:28:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.674	3.670	94155372	81933353	16.348	14.586
2)	SA Decachlor...	8.706	8.655	82699386	29305118	15.755	16.485
	Target Compounds						

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

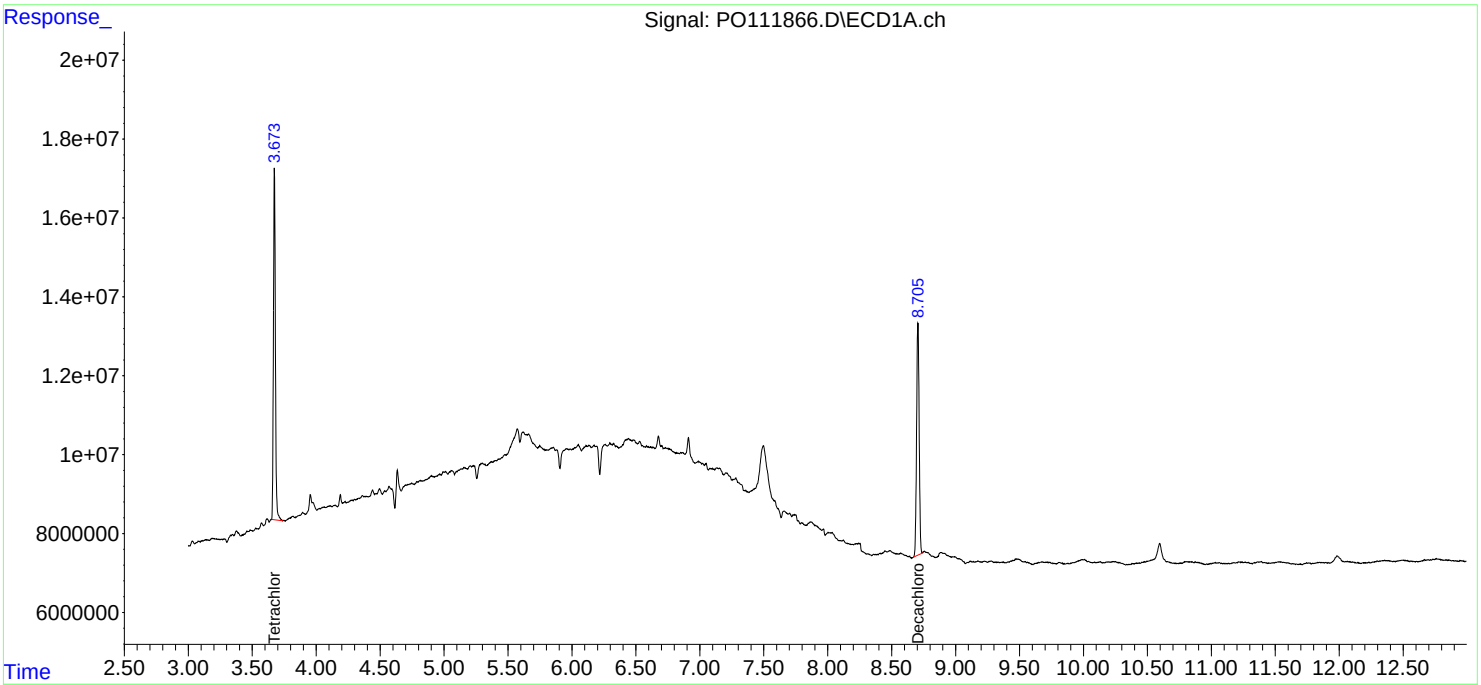
Sample Results: **PO111866.D**

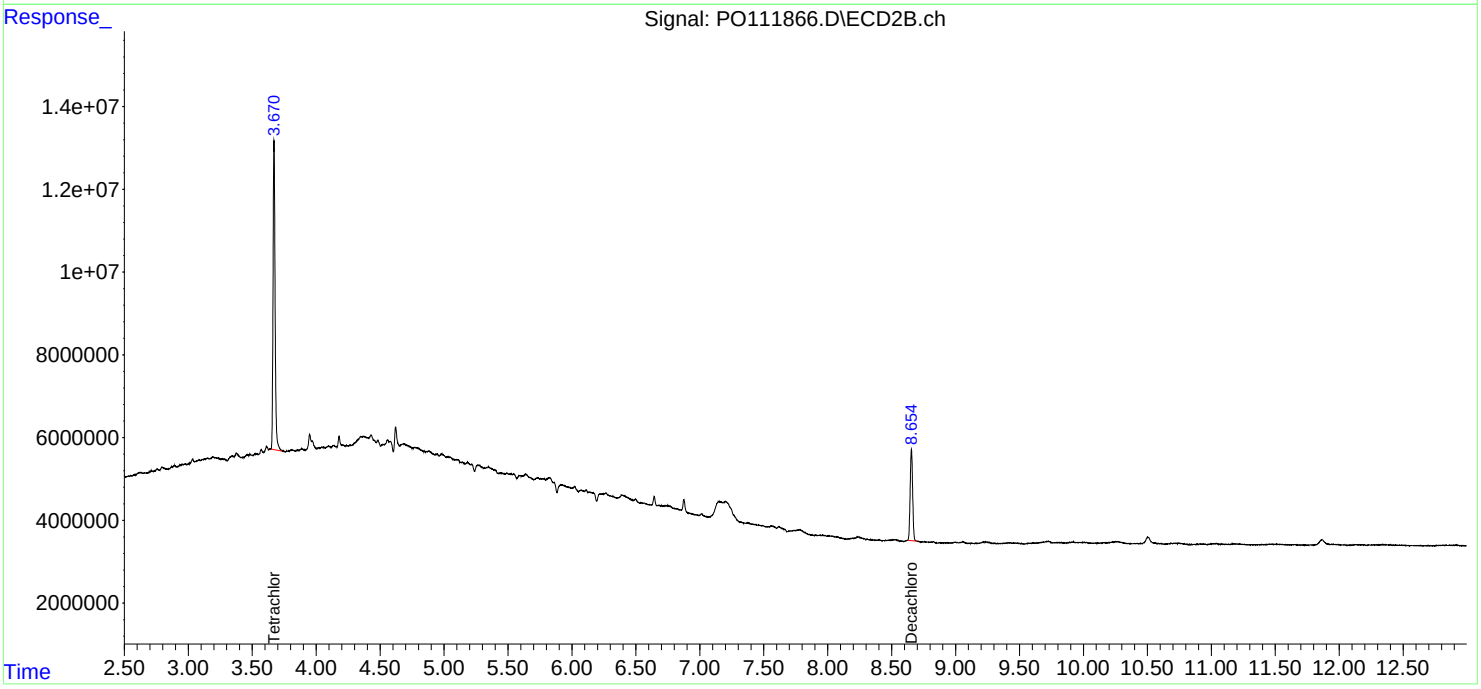
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:12
Operator : YP/AJ
Sample : Q2425-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

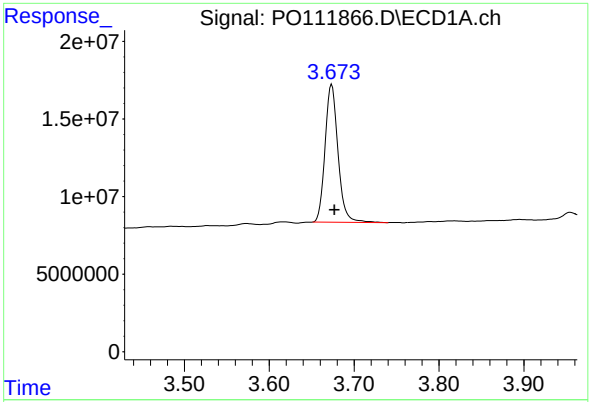
Instrument :
ECD_O
ClientSampleId :
COMP-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:28:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



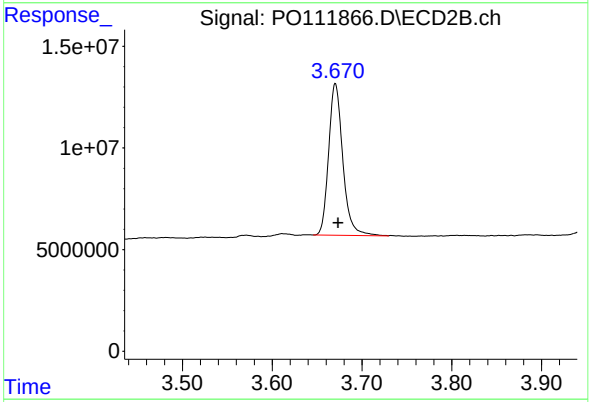




#1 Tetrachloro-m-xylene

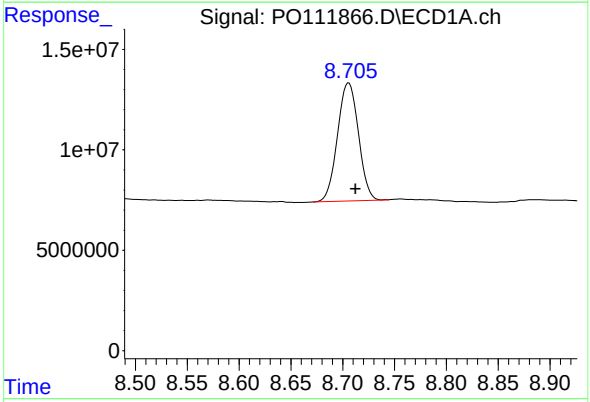
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 94155372
Conc: 16.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-1



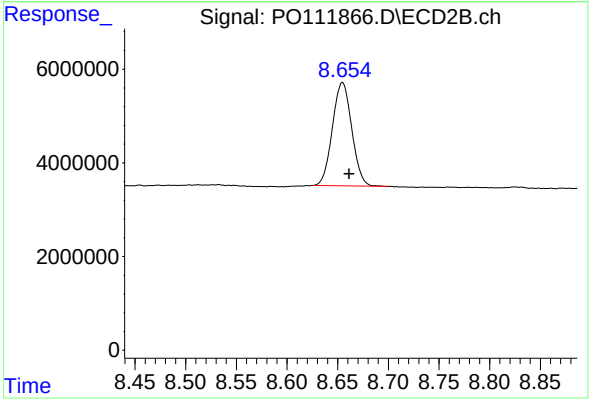
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 81933353
Conc: 14.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.706 min
Delta R.T.: -0.007 min
Response: 82699386
Conc: 15.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 29305118
Conc: 16.49 ng/ml

Raw Data: **PO111867.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Kleinfelder		Date Collected:	06/24/25	
Project:	AS Jenks School		Date Received:	06/25/25	
Client Sample ID:	COMP-2		SDG No.:	Q2425	
Lab Sample ID:	Q2425-02		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	79.7	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111867.D	1	06/26/25 08:20	06/26/25 13:30	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.90	U	4.90	21.3	ug/kg
11097-69-1	Aroclor-1254	4.00	U	4.00	21.3	ug/kg
11096-82-5	Aroclor-1260	4.00	U	4.00	21.3	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.8		32 - 175	84%	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\PO062625\
Data File : PO111867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:30
Operator : YP/AJ
Sample : Q2425-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:28:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.676	3.672	106.8E6	95014573	18.547	16.915
2)	SA Decachlor...	8.707	8.655	86724551	29940610	16.521	16.843
	Target Compounds						

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

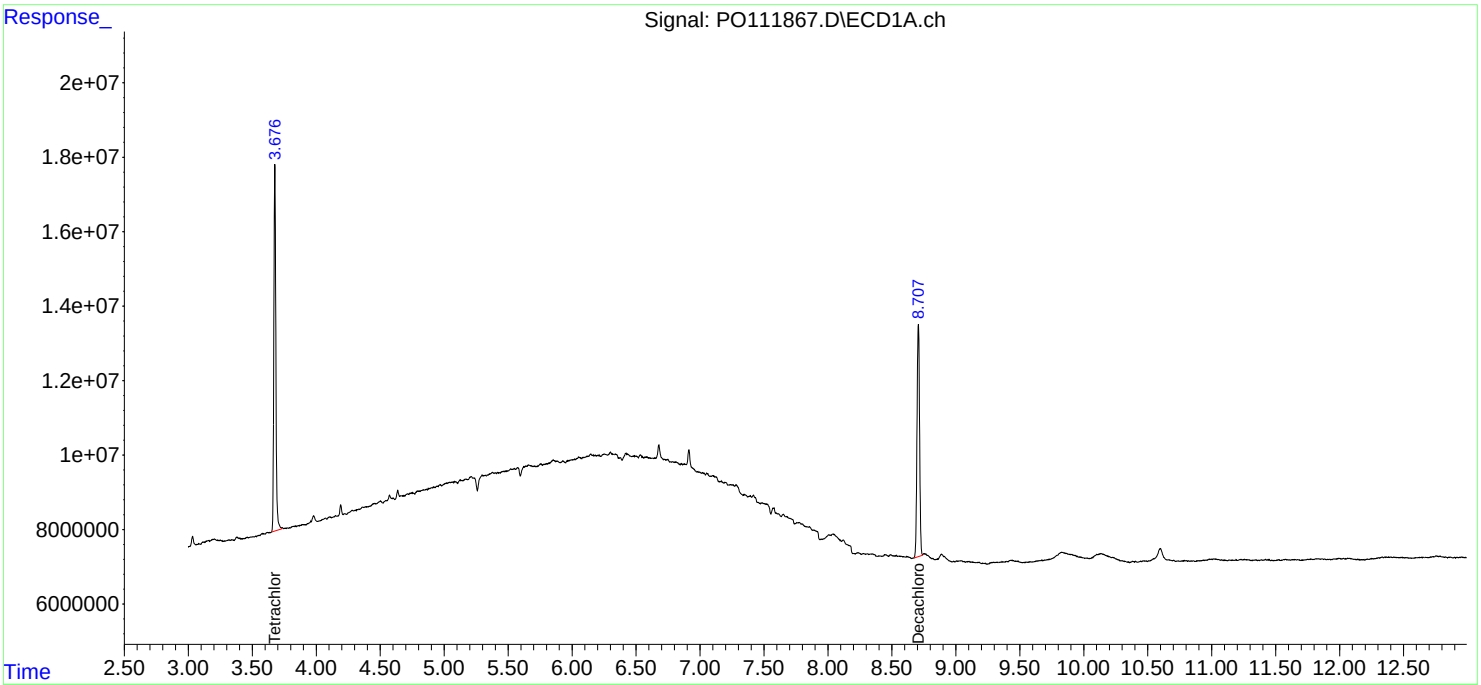
Sample Results: **PO111867.D**

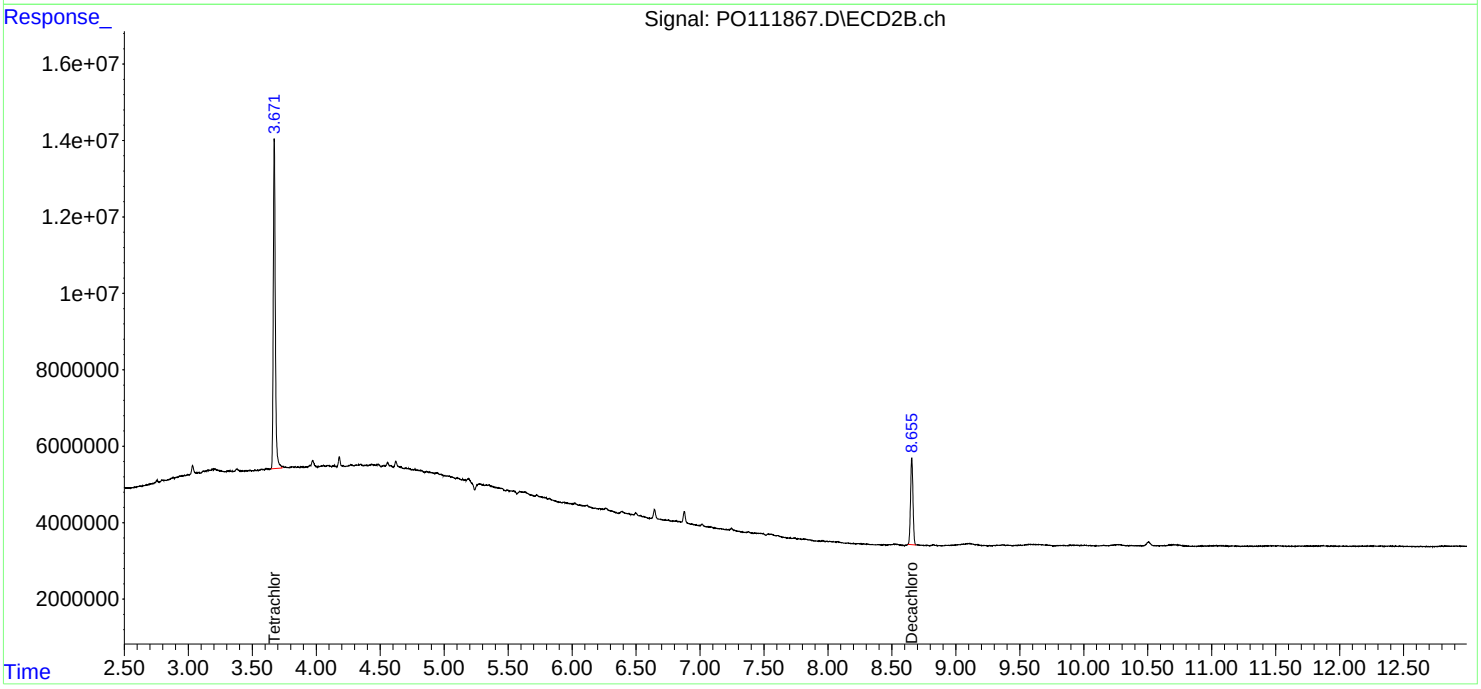
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111867.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:30
Operator : YP/AJ
Sample : Q2425-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

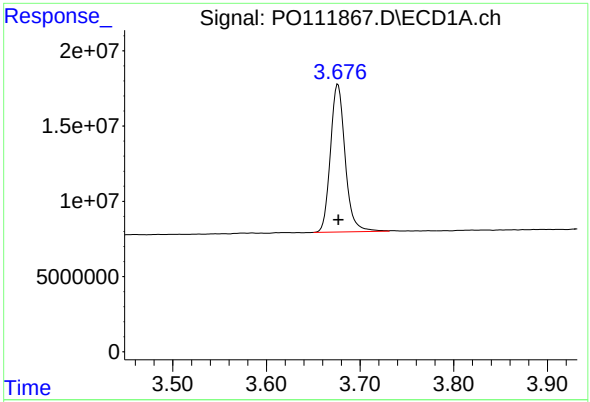
Instrument :
ECD_O
ClientSampleId :
COMP-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:28:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



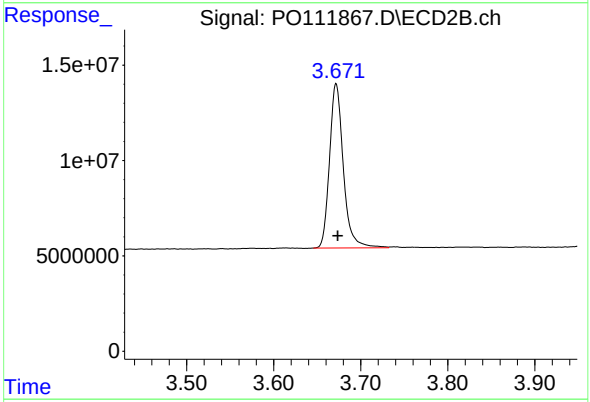




#1 Tetrachloro-m-xylene

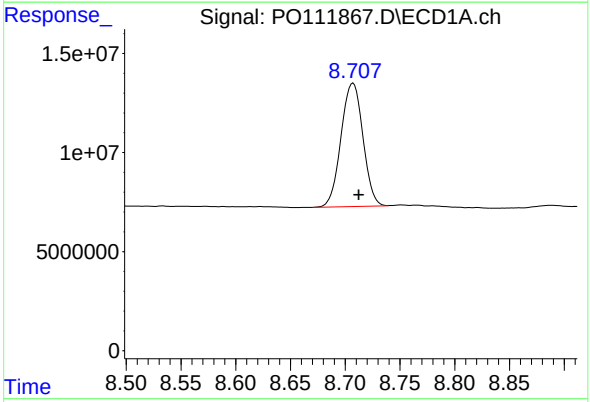
R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 106817430
Conc: 18.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-2



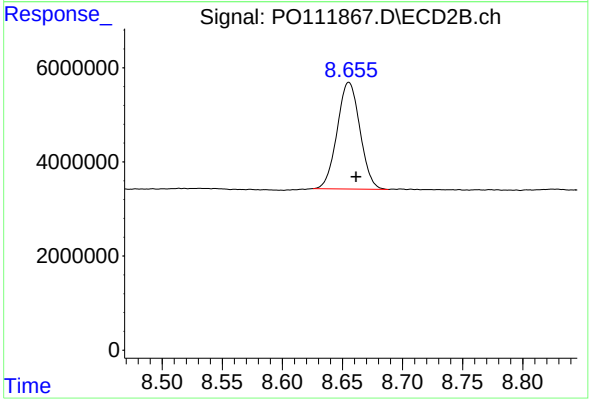
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.002 min
Response: 95014573
Conc: 16.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.005 min
Response: 86724551
Conc: 16.52 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 29940610
Conc: 16.84 ng/ml

Raw Data: **PO111868.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder		Date Collected:	06/24/25	
Project:	AS Jenks School		Date Received:	06/25/25	
Client Sample ID:	COMP-3		SDG No.:	Q2425	
Lab Sample ID:	Q2425-03		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	82.6	Decanted:
Sample Wt/Vol:	30.07	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111868.D	1	06/26/25 08:20	06/26/25 13:48	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.5	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.5	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.5	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.1		32 - 144	106%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.7		32 - 175	98%	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\PO062625\
Data File : PO111868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:48
Operator : YP/AJ
Sample : Q2425-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
COMP-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.674	3.671	121.7E6	108.9E6	21.129	19.379
2)	SA Decachlor...	8.705	8.655	101.0E6	34940576	19.234	19.655
	Target Compounds						

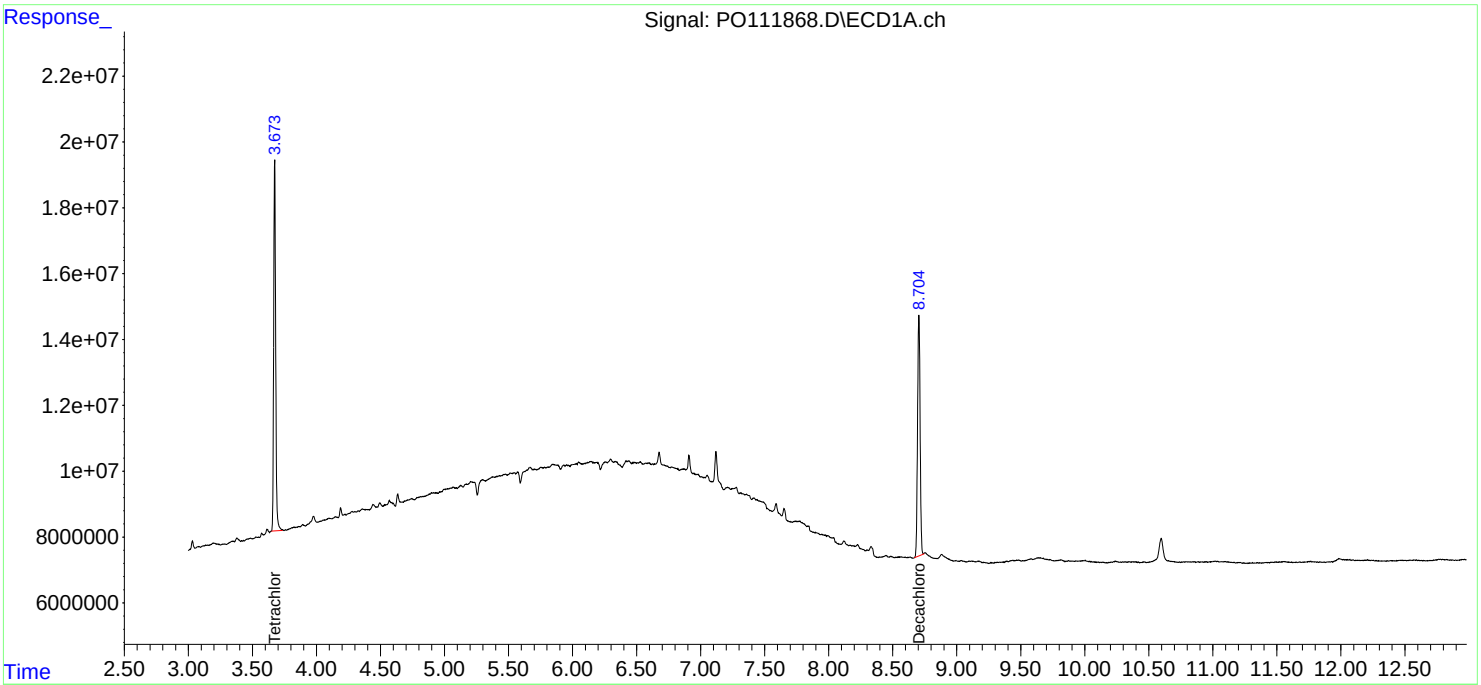
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

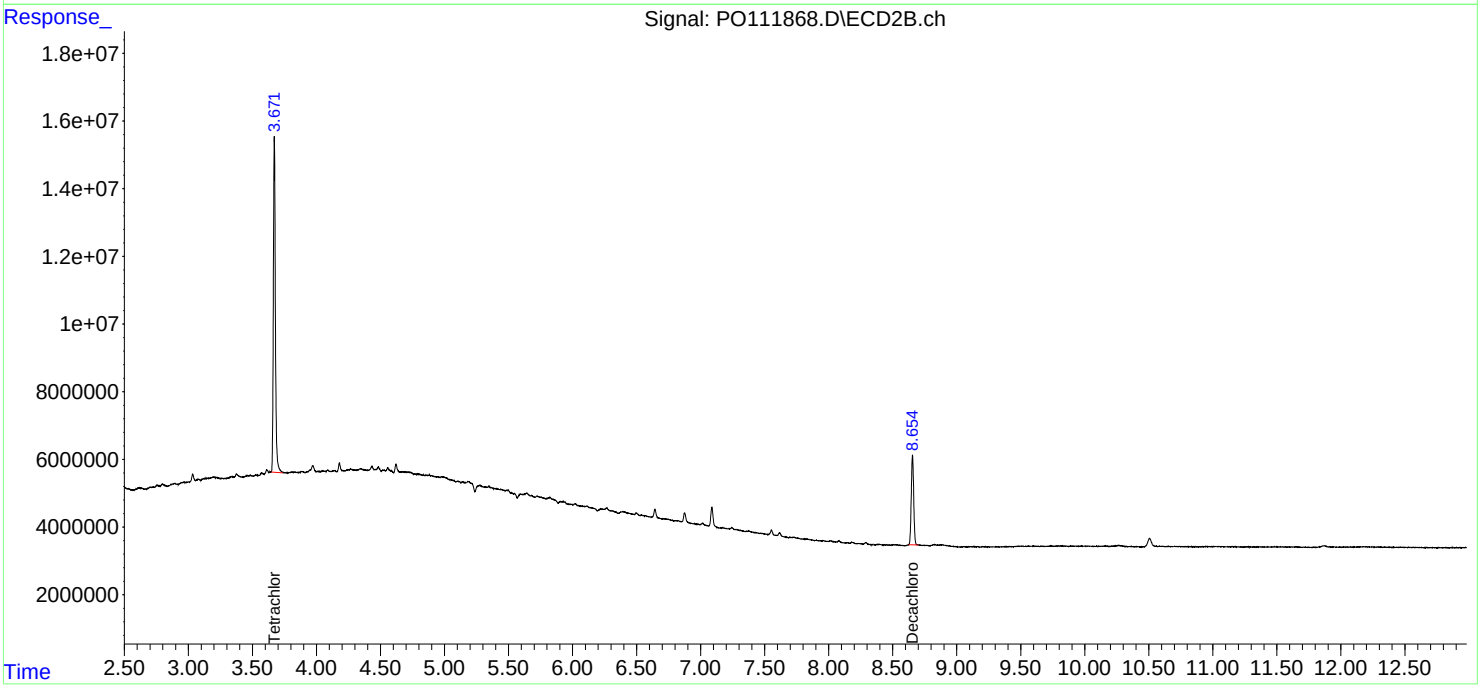
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:48
Operator : YP/AJ
Sample : Q2425-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

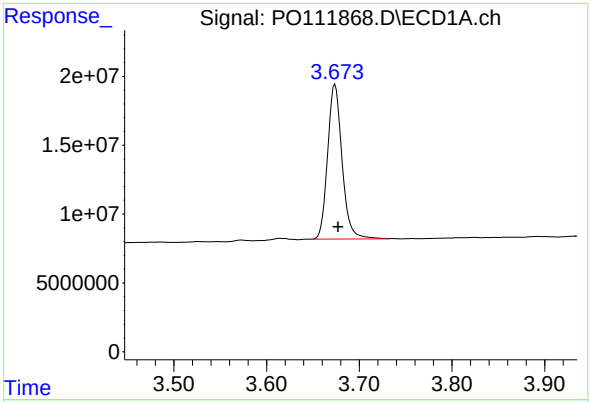
Instrument :
ECD_O
ClientSampleId :
COMP-3

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



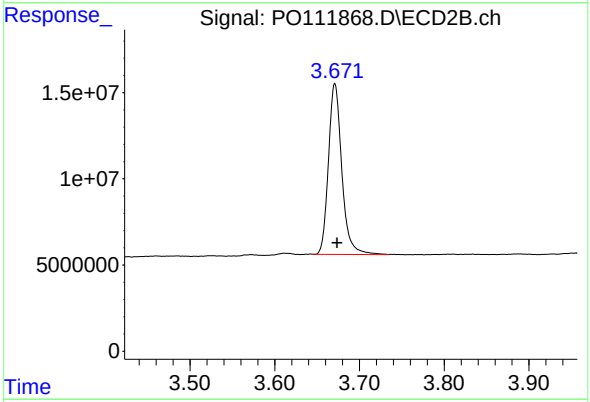




#1 Tetrachloro-m-xylene

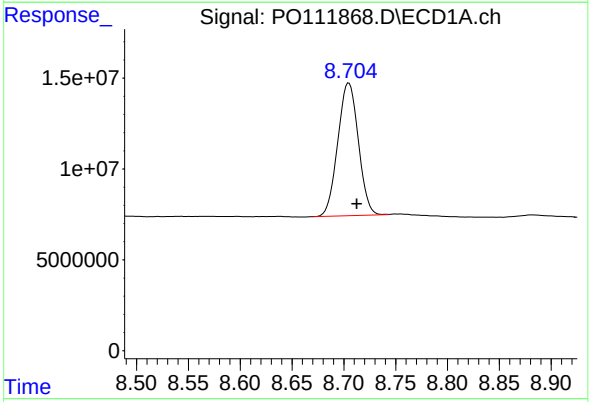
R.T.: 3.674 min
Delta R.T.: -0.003 min
Response: 121690780
Conc: 21.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
COMP-3



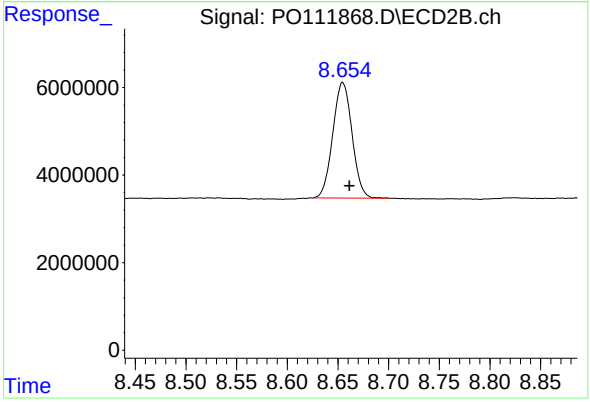
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 108857159
Conc: 19.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.705 min
Delta R.T.: -0.008 min
Response: 100963320
Conc: 19.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.007 min
Response: 34940576
Conc: 19.66 ng/ml

CALIBRATION SUMMARY

Raw Data

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_O **Calibration Date(s):** 06/11/2025 06/11/2025

Calibration Times: 10:40 18:31

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

LAB FILE ID: RT 1000 = PO111587.D RT 750 = PO111588.D

RT 500 = PO111589.D RT 250 = PO111590.D RT 050 = PO111591.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-2	(2)	4.78	4.79	4.78	4.79	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1016-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.22	5.22	5.22	5.22	5.22	5.22	5.12	5.32
Aroclor-1260-1	(1)	6.26	6.26	6.26	6.26	6.26	6.26	6.16	6.36
Aroclor-1260-2	(2)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1260-3	(3)	6.81	6.81	6.81	6.81	6.81	6.81	6.71	6.91
Aroclor-1260-4	(4)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1260-5	(5)	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78
Aroclor-1254-1	(1)	5.57	5.57	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.72	5.72	5.72	5.72	5.72	5.72	5.62	5.82
Aroclor-1254-3	(3)	6.12	6.13	6.13	6.13	6.12	6.13	6.03	6.23
Aroclor-1254-4	(4)	6.35	6.36	6.36	6.35	6.35	6.35	6.25	6.45
Aroclor-1254-5	(5)	6.77	6.78	6.78	6.77	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.71	8.71	8.71	8.71	8.71	8.71	8.61	8.81
Tetrachloro-m-xylene		3.68	3.68	3.68	3.68	3.68	3.68	3.58	3.78

Raw Data

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_O **Calibration Date(s):** 06/11/2025 06/11/2025

Calibration Times: 10:40 18:31

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

LAB FILE ID: RT 1000 = PO111587.D RT 750 = PO111588.D

RT 500 = PO111589.D RT 250 = PO111590.D RT 050 = PO111591.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.75	4.75	4.75	4.75	4.75	4.75	4.65	4.85
Aroclor-1016-2	(2)	4.77	4.77	4.77	4.77	4.77	4.77	4.67	4.87
Aroclor-1016-3	(3)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-4	(4)	4.99	4.99	4.99	4.99	4.99	4.99	4.89	5.09
Aroclor-1016-5	(5)	5.20	5.20	5.20	5.20	5.20	5.20	5.10	5.30
Aroclor-1260-1	(1)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1260-2	(2)	6.42	6.42	6.42	6.42	6.42	6.42	6.32	6.52
Aroclor-1260-3	(3)	6.57	6.57	6.57	6.57	6.57	6.57	6.47	6.67
Aroclor-1260-4	(4)	7.04	7.04	7.04	7.04	7.04	7.04	6.94	7.14
Aroclor-1260-5	(5)	7.28	7.28	7.28	7.28	7.28	7.28	7.18	7.38
Decachlorobiphenyl		8.66	8.66	8.66	8.66	8.66	8.66	8.56	8.76
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.55	5.55	5.55	5.55	5.55	5.55	5.45	5.65
Aroclor-1254-2	(2)	5.70	5.70	5.70	5.70	5.70	5.70	5.60	5.80
Aroclor-1254-3	(3)	6.10	6.10	6.10	6.10	6.10	6.10	6.00	6.20
Aroclor-1254-4	(4)	6.33	6.33	6.33	6.33	6.33	6.33	6.23	6.43
Aroclor-1254-5	(5)	6.74	6.74	6.74	6.74	6.74	6.74	6.64	6.84
Decachlorobiphenyl		8.66	8.66	8.66	8.66	8.66	8.66	8.56	8.76
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_O **Calibration Date(s):** 06/11/2025 06/11/2025

Calibration Times: 10:40 18:31

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

LAB FILE ID: **CF 1000 =** PO111587.D **CF 750 =** PO111588.D

CF 500 = PO111589.D **CF 250 =** PO111590.D **CF 050 =** PO111591.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	220511854	230179169	244104994	255923844	242047420	238553456	6
Aroclor-1016-2	(2)	319525390	333752768	345607420	360231916	304600680	332743635	7
Aroclor-1016-3	(3)	218699222	228973452	241664208	255477324	205889780	230140797	8
Aroclor-1016-4	(4)	174886969	182974663	191580278	204290796	173581000	185462741	7
Aroclor-1016-5	(5)	177464979	184697736	193390828	207039800	170624200	186643509	8
Aroclor-1260-1	(1)	321794228	337454645	358028956	426721964	332609080	355321775	12
Aroclor-1260-2	(2)	433743230	452724105	474832224	506755684	494307920	472472633	6
Aroclor-1260-3	(3)	393522712	410790572	429624930	441759844	447671720	424673956	5
Aroclor-1260-4	(4)	282329615	299358140	315388464	327883556	347275780	314447111	8
Aroclor-1260-5	(5)	781713901	810719289	832144010	867226572	826835640	823727882	4
Decachlorobiphenyl		4901811500	5109294200	5313242720	5581051480	5340821400	5249244260	5
Tetrachloro-m-xylene		5558158730	5743696387	5927517640	6035511000	5532196200	5759415991	4
Aroclor-1254-1	(1)	375291496	390445984	409053510	418326128	532236220	425070668	15
Aroclor-1254-2	(2)	334554268	347730616	365467502	374564136	475325660	379528436	15
Aroclor-1254-3	(3)	528273778	541799637	566990470	566909168	652766900	571347991	8
Aroclor-1254-4	(4)	330811190	344690741	356705876	353681912	358524400	348882824	3
Aroclor-1254-5	(5)	481176015	491854427	511981248	504869196	570769000	512129977	7
Decachlorobiphenyl		5009210160	5167761240	5403649020	5380598200	6191612600	5430566244	8
Tetrachloro-m-xylene		5724223470	6030704747	6021777640	5926293200	6653717200	6071343251	6

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_O **Calibration Date(s):** 06/11/2025 06/11/2025

Calibration Times: 10:40 18:31

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

LAB FILE ID: **CF 1000 =** PO111587.D **CF 750 =** PO111588.D

CF 500 = PO111589.D **CF 250 =** PO111590.D **CF 050 =** PO111591.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	180839726	189231809	196263600	204676936	212823680	196767150	6
Aroclor-1016-2	(2)	269525798	277038755	287808724	296313292	293716580	284880630	4
Aroclor-1016-3	(3)	141401189	146814288	152988496	158088464	151904200	150239327	4
Aroclor-1016-4	(4)	112384684	117918833	124672358	128074364	125886140	121787276	5
Aroclor-1016-5	(5)	145637432	151733320	158595618	164650128	175375940	159198488	7
Aroclor-1260-1	(1)	232933493	242290633	253160914	265400132	260795120	250916058	5
Aroclor-1260-2	(2)	272930024	283658681	293882326	306210008	313403160	294016840	6
Aroclor-1260-3	(3)	248293091	256892847	265761412	279567532	285382000	267179376	6
Aroclor-1260-4	(4)	171150736	180595663	190038668	201212768	207483680	190096303	8
Aroclor-1260-5	(5)	395557404	413148045	424269490	442012232	450112560	425019946	5
Decachlorobiphenyl		1664373530	1742647173	1808169220	1884747160	1788371000	1777661617	5
Tetrachloro-m-xylene		5585912110	5701804613	5792994800	5795065440	5210609600	5617277313	4
Aroclor-1254-1	(1)	296936934	303927659	319123596	320561628	374491800	323008323	9
Aroclor-1254-2	(2)	255453905	262352463	275811104	277251804	325698480	279313551	10
Aroclor-1254-3	(3)	392851690	400205872	416928596	411547332	473734340	419053566	8
Aroclor-1254-4	(4)	214635691	222689013	230857806	231773900	239050800	227801442	4
Aroclor-1254-5	(5)	301414788	308036695	323788090	319823096	374889540	325590442	9
Decachlorobiphenyl		1681329490	1723219680	1812787460	1794853560	2027152800	1807868598	7
Tetrachloro-m-xylene		5554099840	5630982267	5714907100	5492046840	5804310800	5639269369	2

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:40
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: Jun 11 11:47:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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...	3.678	3.674	555.8E6	558.6E6	96.784	98.180
2) SA	Decachlor...	8.713	8.661	490.2E6	166.4E6	95.972	95.859
	Target Compounds						
3) L1	AR-1016-1	4.766	4.751	220.5E6	180.8E6	949.220	959.099
4) L1	AR-1016-2	4.784	4.769	319.5E6	269.5E6	960.787	967.196
5) L1	AR-1016-3	4.842	4.944	218.7E6	141.4E6	950.116	960.640
6) L1	AR-1016-4	4.961	4.987	174.9E6	112.4E6	954.448	948.166
7) L1	AR-1016-5	5.219	5.199	177.5E6	145.6E6	957.056	957.407
31) L7	AR-1260-1	6.257	6.229	321.8E6	232.9E6	946.700	958.388
32) L7	AR-1260-2	6.447	6.417	433.7E6	272.9E6	954.776	963.035
33) L7	AR-1260-3	6.814	6.569	393.5E6	248.3E6	956.141	966.019
34) L7	AR-1260-4	7.074	7.040	282.3E6	171.2E6	944.692	947.706
35) L7	AR-1260-5	7.317	7.281	781.7E6	395.6E6	968.752	964.978

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

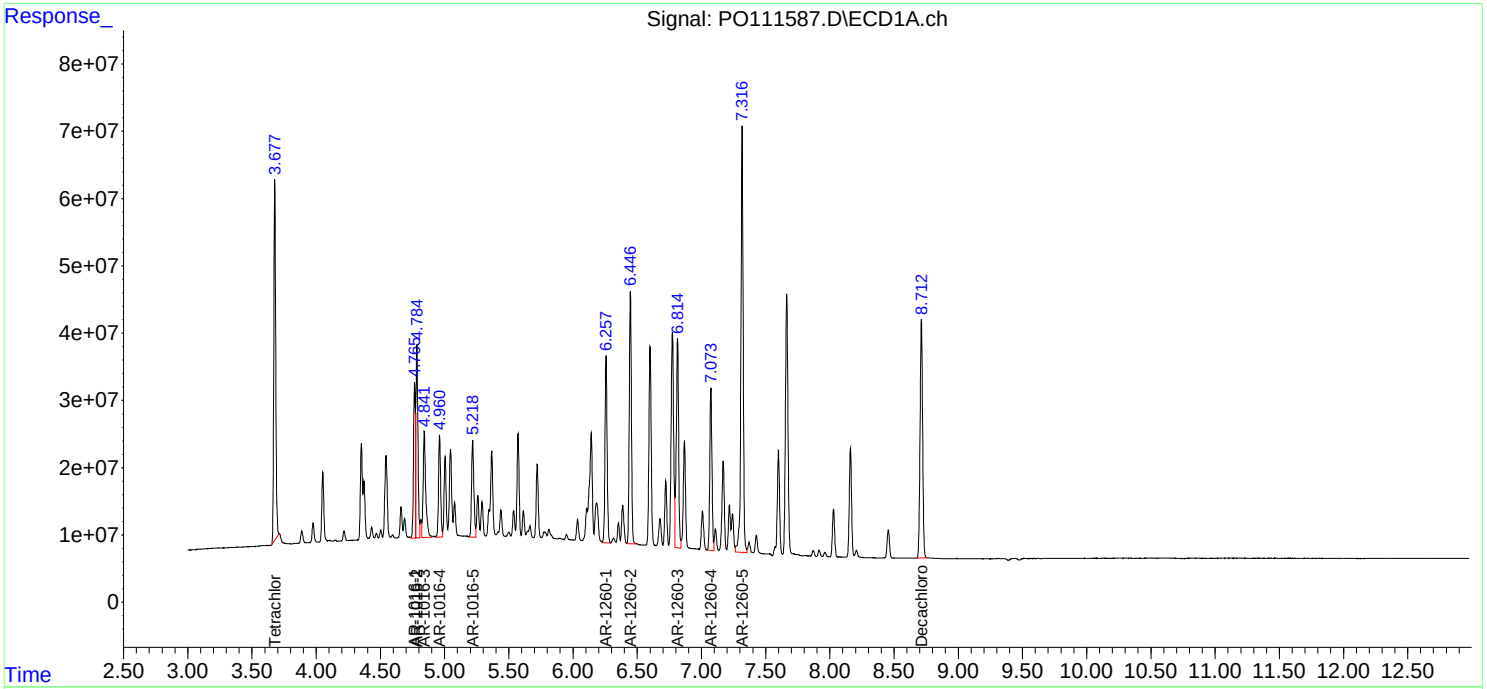
ICAL Form

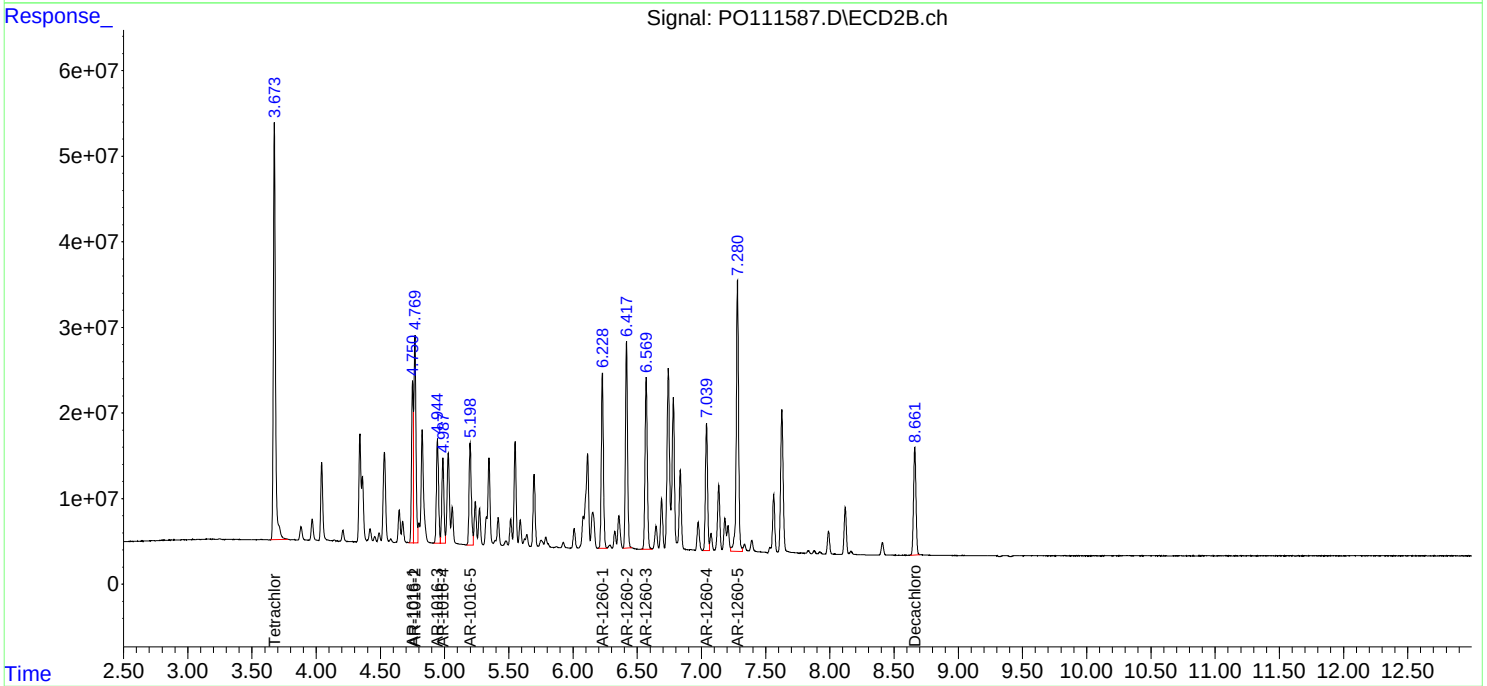
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111587.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:40
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:47:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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\PO061125\
Data File : PO111588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:49:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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...	3.677	3.674	430.8E6	427.6E6	75.007	75.108
2) SA	Decachlor...	8.713	8.661	383.2E6	130.7E6	75.017	75.183
	Target Compounds						
3) L1	AR-1016-1	4.766	4.751	172.6E6	141.9E6	745.403	751.801
4) L1	AR-1016-2	4.785	4.769	250.3E6	207.8E6	751.782	747.072
5) L1	AR-1016-3	4.842	4.944	171.7E6	110.1E6	747.371	748.706
6) L1	AR-1016-4	4.962	4.987	137.2E6	88439125	749.293	747.424
7) L1	AR-1016-5	5.219	5.199	138.5E6	113.8E6	748.029	748.739
31) L7	AR-1260-1	6.257	6.228	253.1E6	181.7E6	746.377	748.442
32) L7	AR-1260-2	6.447	6.417	339.5E6	212.7E6	748.277	750.445
33) L7	AR-1260-3	6.813	6.569	308.1E6	192.7E6	749.048	749.738
34) L7	AR-1260-4	7.073	7.039	224.5E6	135.4E6	750.835	750.003
35) L7	AR-1260-5	7.316	7.280	608.0E6	309.9E6	752.345	753.935

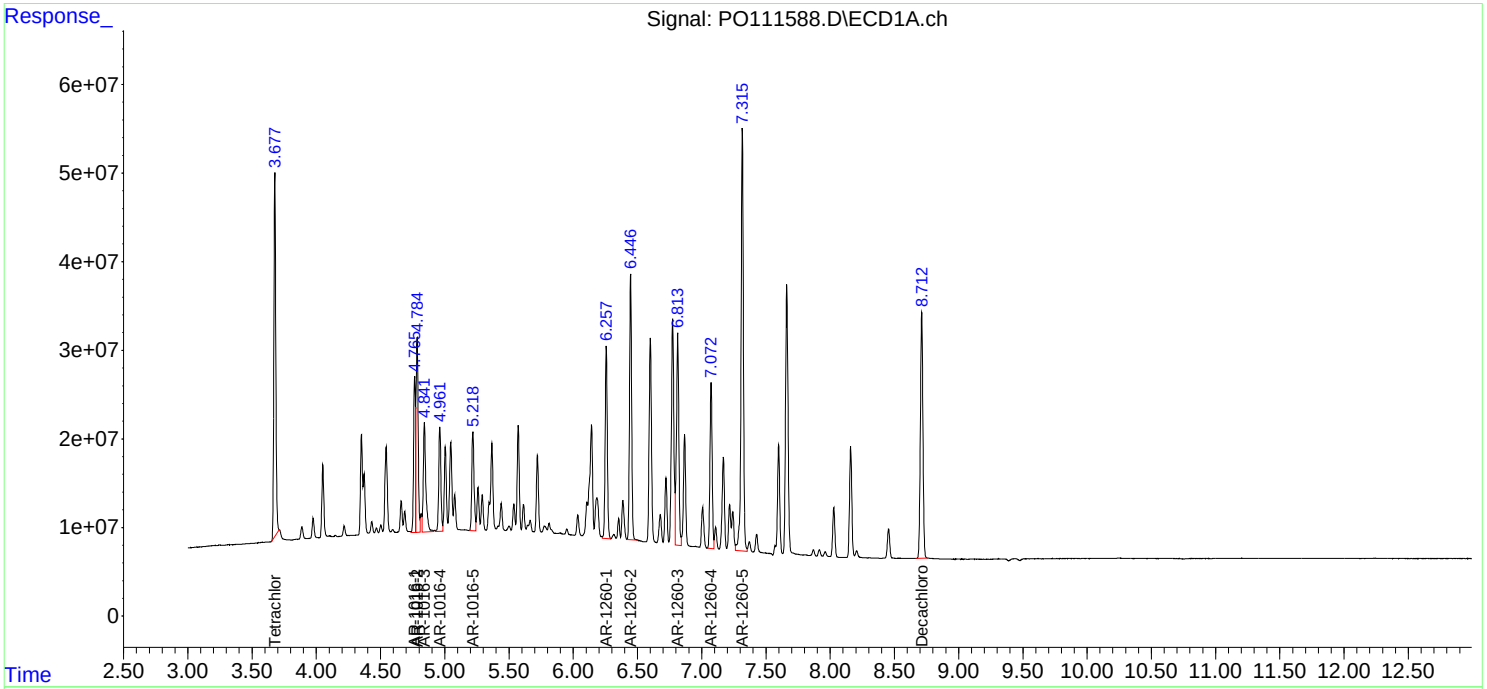
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

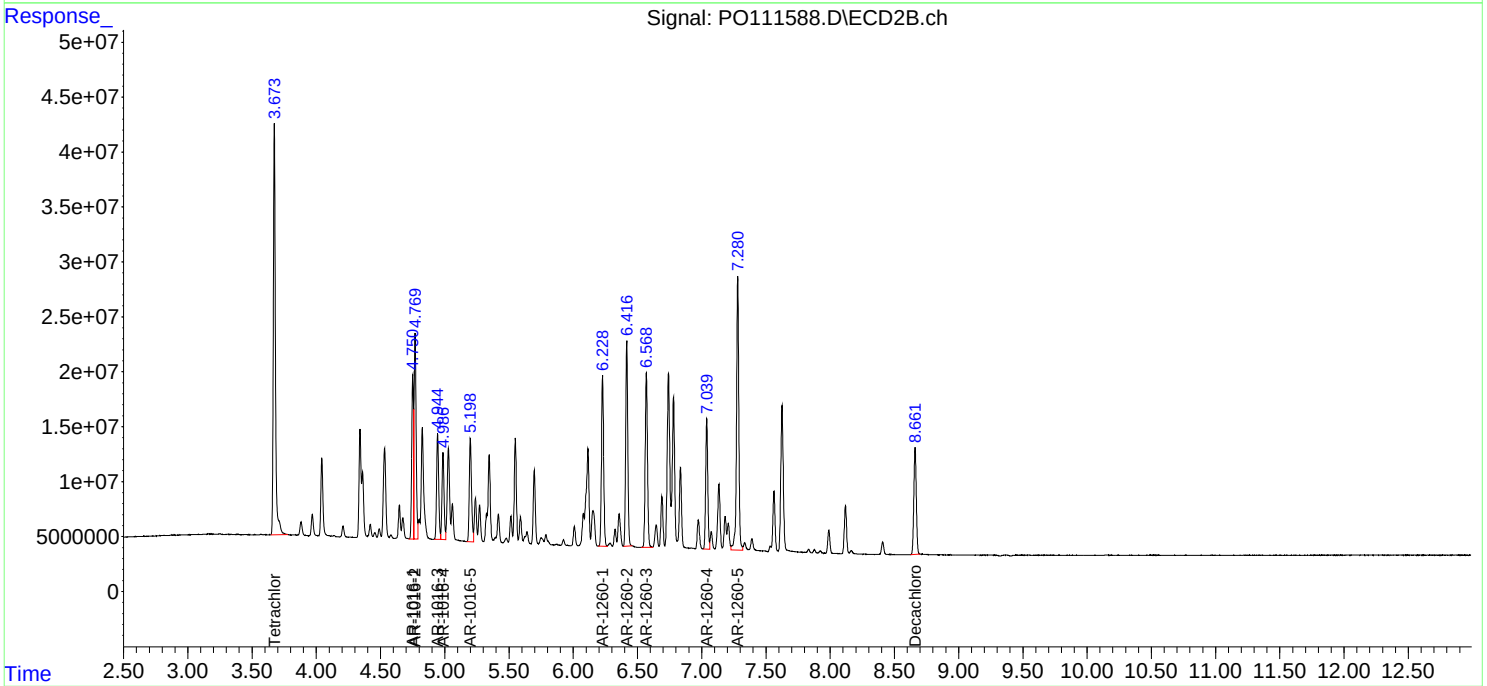
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111588.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:58
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:49:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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\PO061125\
Data File : PO111589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:17
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: Jun 11 11:44:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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...	3.677	3.673	296.4E6	289.6E6	50.000	50.000
2) SA	Decachlor...	8.712	8.661	265.7E6	90408461	50.000	50.000
	Target Compounds						
3) L1	AR-1016-1	4.766	4.751	122.1E6	98131800	500.000	500.000
4) L1	AR-1016-2	4.784	4.769	172.8E6	143.9E6	500.000	500.000
5) L1	AR-1016-3	4.841	4.944	120.8E6	76494248	500.000	500.000
6) L1	AR-1016-4	4.961	4.987	95790139	62336179	500.000	500.000
7) L1	AR-1016-5	5.218	5.199	96695414	79297809	500.000	500.000
31) L7	AR-1260-1	6.257	6.229	179.0E6	126.6E6	500.000	500.000
32) L7	AR-1260-2	6.446	6.416	237.4E6	146.9E6	500.000	500.000
33) L7	AR-1260-3	6.813	6.569	214.8E6	132.9E6	500.000	500.000
34) L7	AR-1260-4	7.072	7.039	157.7E6	95019334	500.000	500.000
35) L7	AR-1260-5	7.316	7.281	416.1E6	212.1E6	500.000	500.000

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

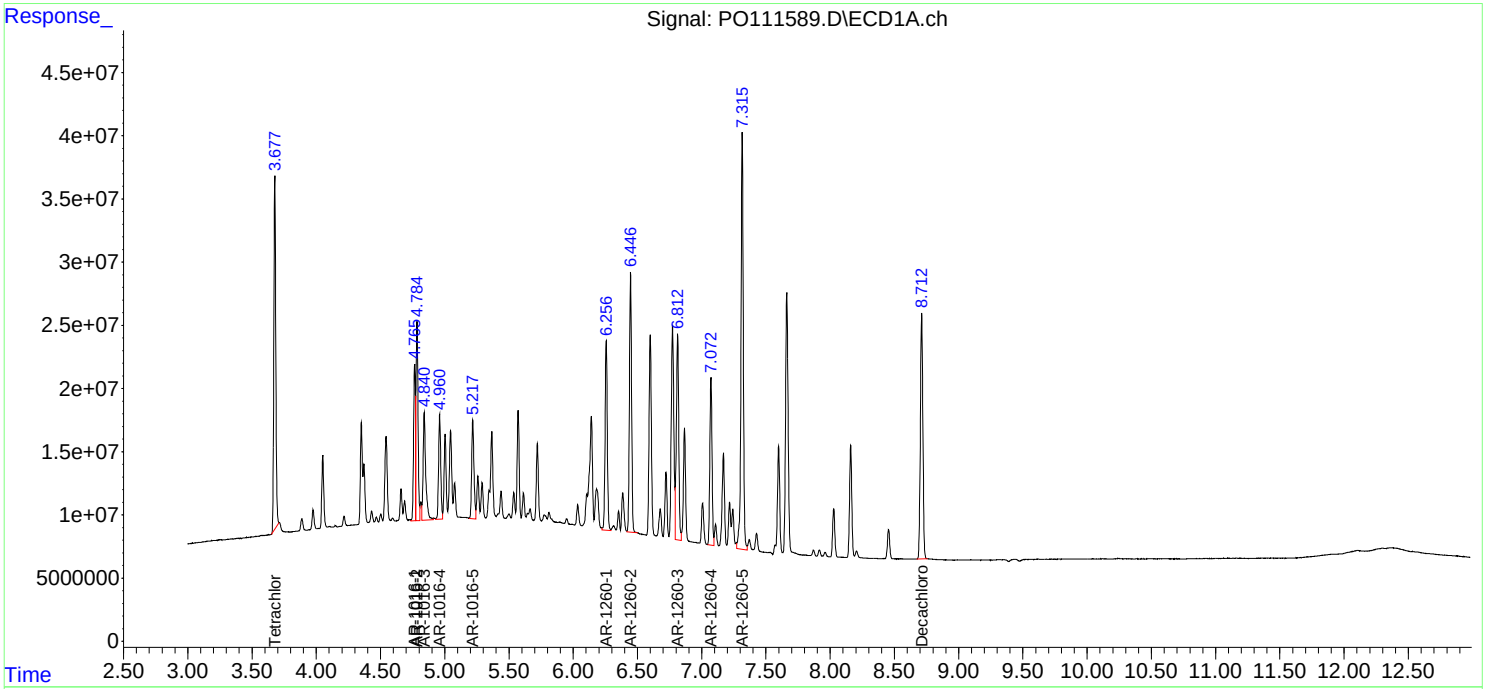
ICAL Form

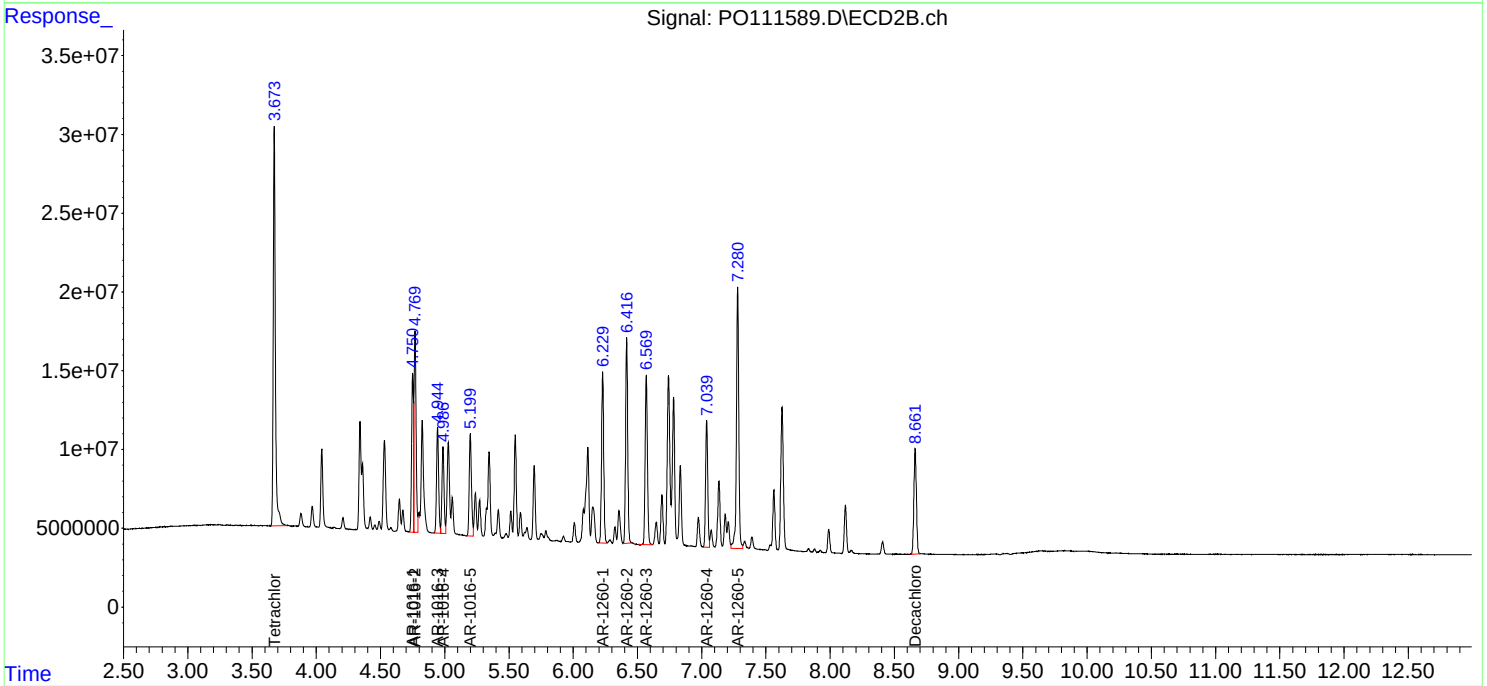
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111589.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:17
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:44:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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\PO061125\
Data File : PO111590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:35
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: Jun 11 11:52:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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...	3.678	3.673	150.9E6	144.9E6	25.943	25.333
2)	SA Decachlor...	8.713	8.662	139.5E6	47118679	26.697	26.546
	Target Compounds						
3)	L1 AR-1016-1	4.766	4.751	63980961	51169234	269.190	265.465
4)	L1 AR-1016-2	4.785	4.769	90057979	74078323	265.048	262.065
5)	L1 AR-1016-3	4.842	4.944	63869331	39522116	270.400	263.792
6)	L1 AR-1016-4	4.962	4.987	51072699	32018591	271.039	265.137
7)	L1 AR-1016-5	5.219	5.199	51759950	41162532	271.494	265.301
31)	L7 AR-1260-1	6.258	6.229	106.7E6	66350033	295.514	267.060
32)	L7 AR-1260-2	6.447	6.417	126.7E6	76552502	271.274	264.732
33)	L7 AR-1260-3	6.813	6.569	110.4E6	69891883	263.627	266.124
34)	L7 AR-1260-4	7.073	7.039	81970889	50303192	267.669	270.812
35)	L7 AR-1260-5	7.316	7.280	216.8E6	110.5E6	263.450	263.890

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

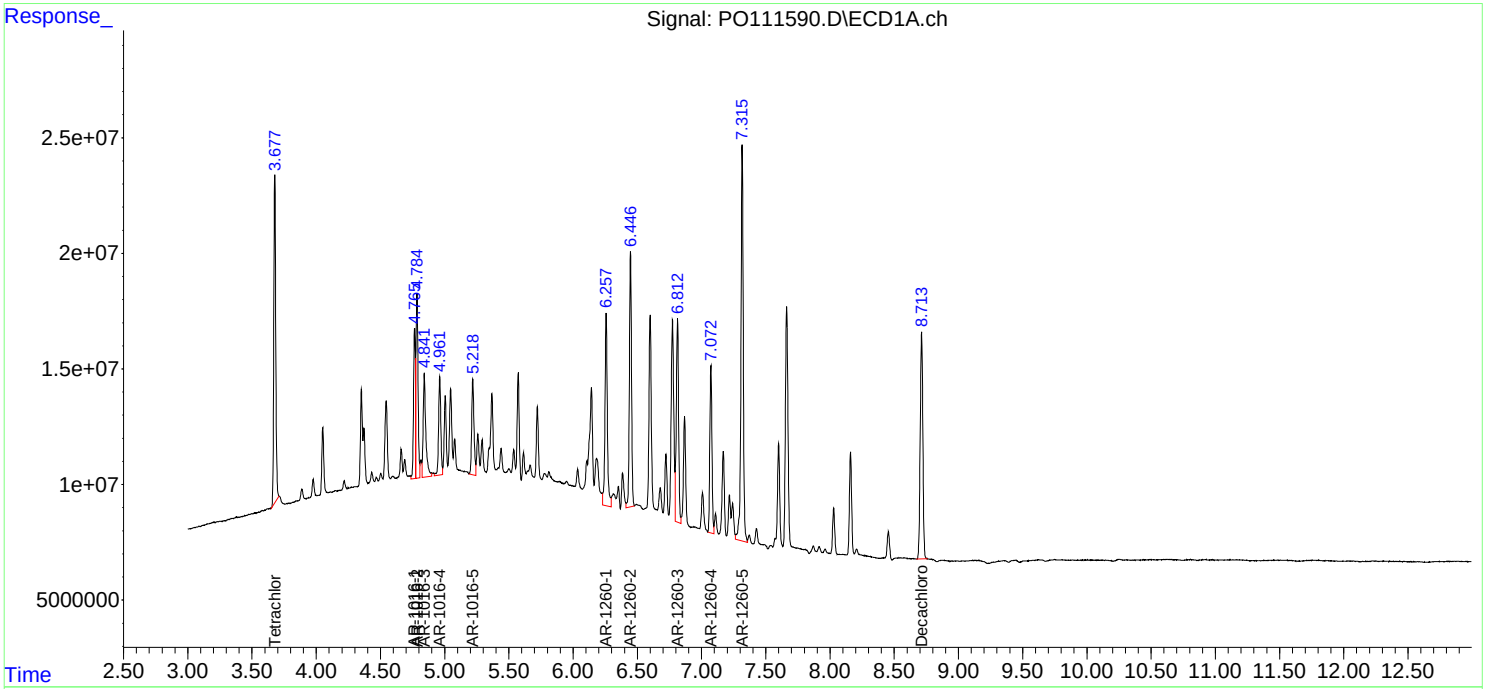
ICAL Form

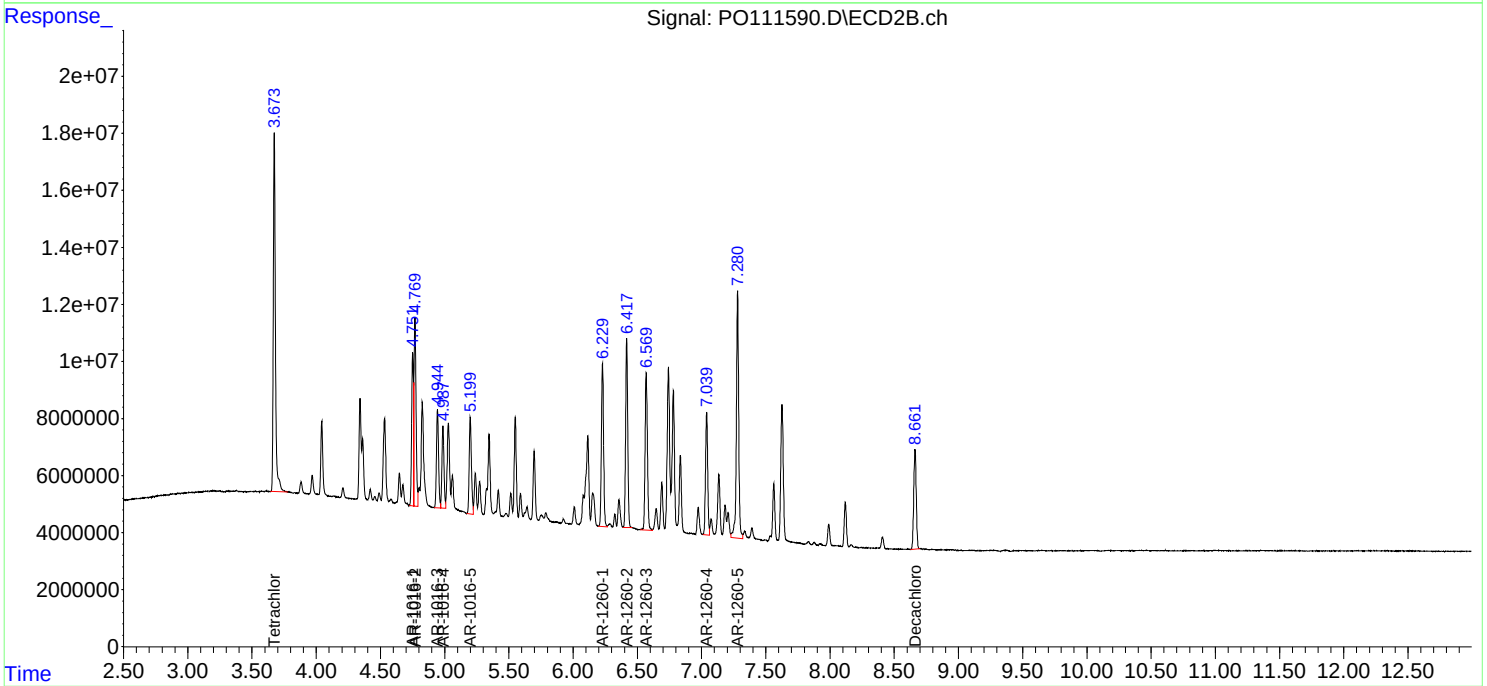
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111590.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:35
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 11:52:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 11:43:51 2025
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\PO061125\
Data File : PO111591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:53
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:07:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:07:04 2025
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...	3.678	3.673	27660981	26053048	4.803	4.638
2) SA	Decachlor...	8.712	8.662	26704107	8941855	5.087	5.030
	Target Compounds						
3) L1	AR-1016-1	4.765	4.750	12102371	10641184	51.662m	54.080
4) L1	AR-1016-2	4.784	4.769	15230034	14685829	45.601m	51.551
5) L1	AR-1016-3	4.841	4.944	10294489	7595210	43.965m	50.554
6) L1	AR-1016-4	4.961	4.987	8679050	6294307	46.206m	51.683
7) L1	AR-1016-5	5.218	5.199	8531210	8768797	45.620m	55.081
31) L7	AR-1260-1	6.256	6.229	16630454	13039756	46.467m	51.748m
32) L7	AR-1260-2	6.446	6.416	24715396	15670158	52.210m	53.392m
33) L7	AR-1260-3	6.813	6.569	22383586	14269100	52.708	53.406
34) L7	AR-1260-4	7.072	7.039	17363789	10374184	55.220	54.573
35) L7	AR-1260-5	7.316	7.280	41341782	22505628	50.189	52.952

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111591.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 11:53
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

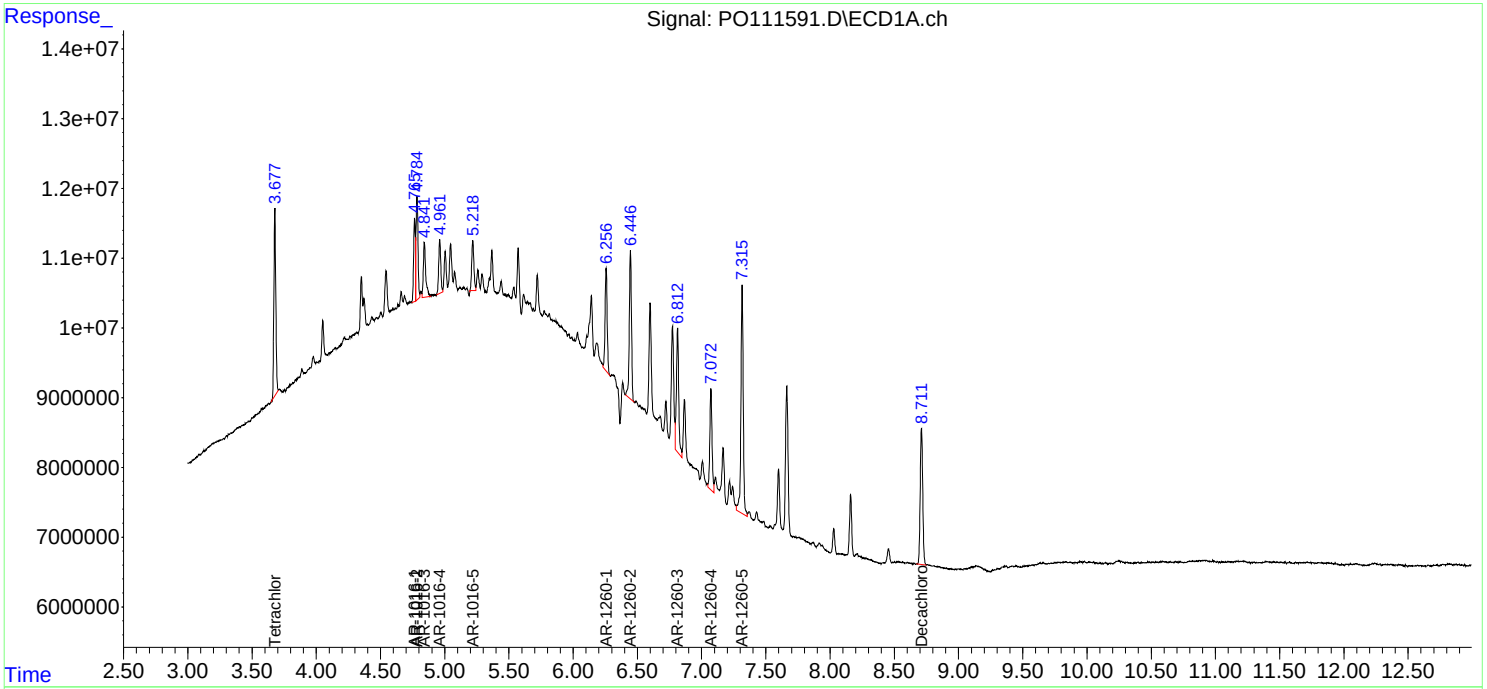
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

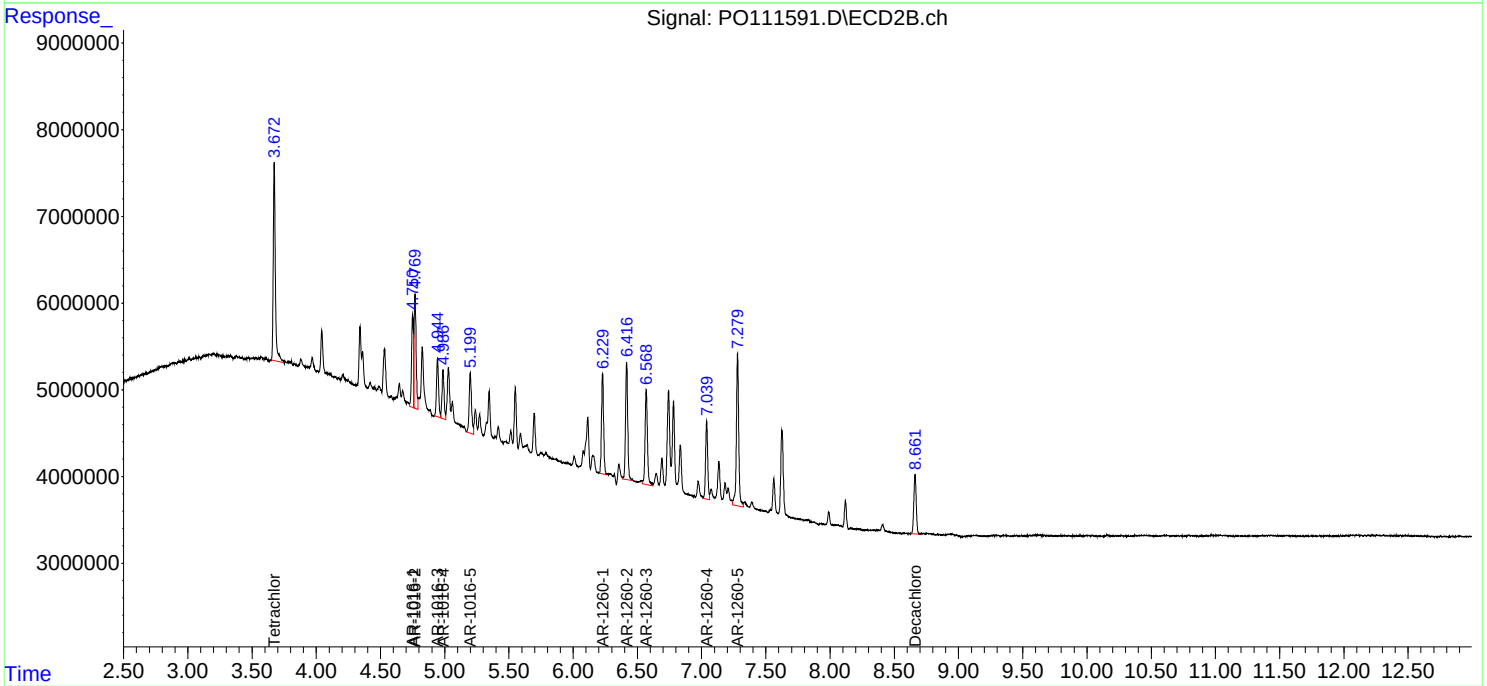
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:07:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:07:04 2025
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\PO061125\
Data File : PO111592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:12
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: Jun 11 12:46:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
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...	3.677	3.673	287.0E6	275.6E6	50.000	50.000
2)	SA Decachlor...	8.712	8.661	267.2E6	90058921	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.889	3.883	43539401	37336939	500.000	500.000
9)	L2 AR-1221-2	3.976	3.968	32083882	27974442	500.000	500.000
10)	L2 AR-1221-3	4.051	4.043	97518158	85915227	500.000	500.000

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

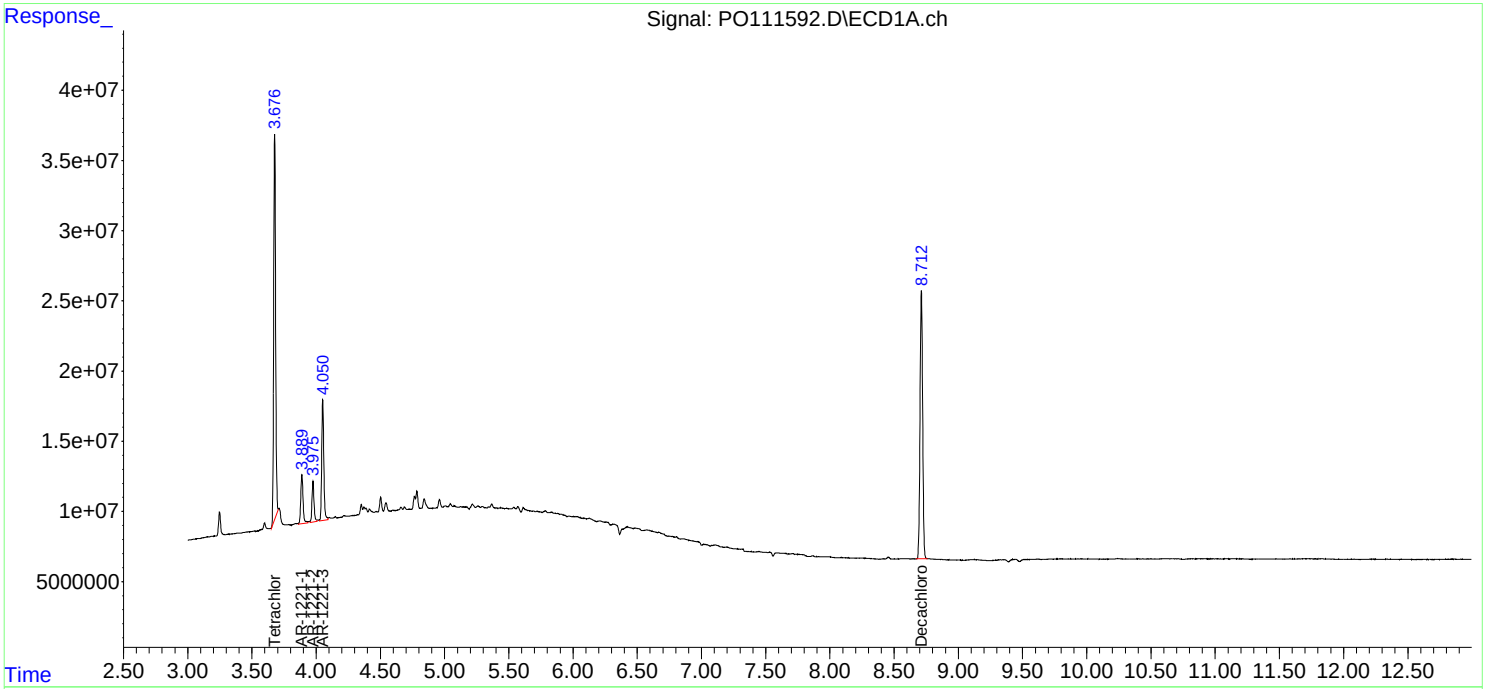
ICAL Form

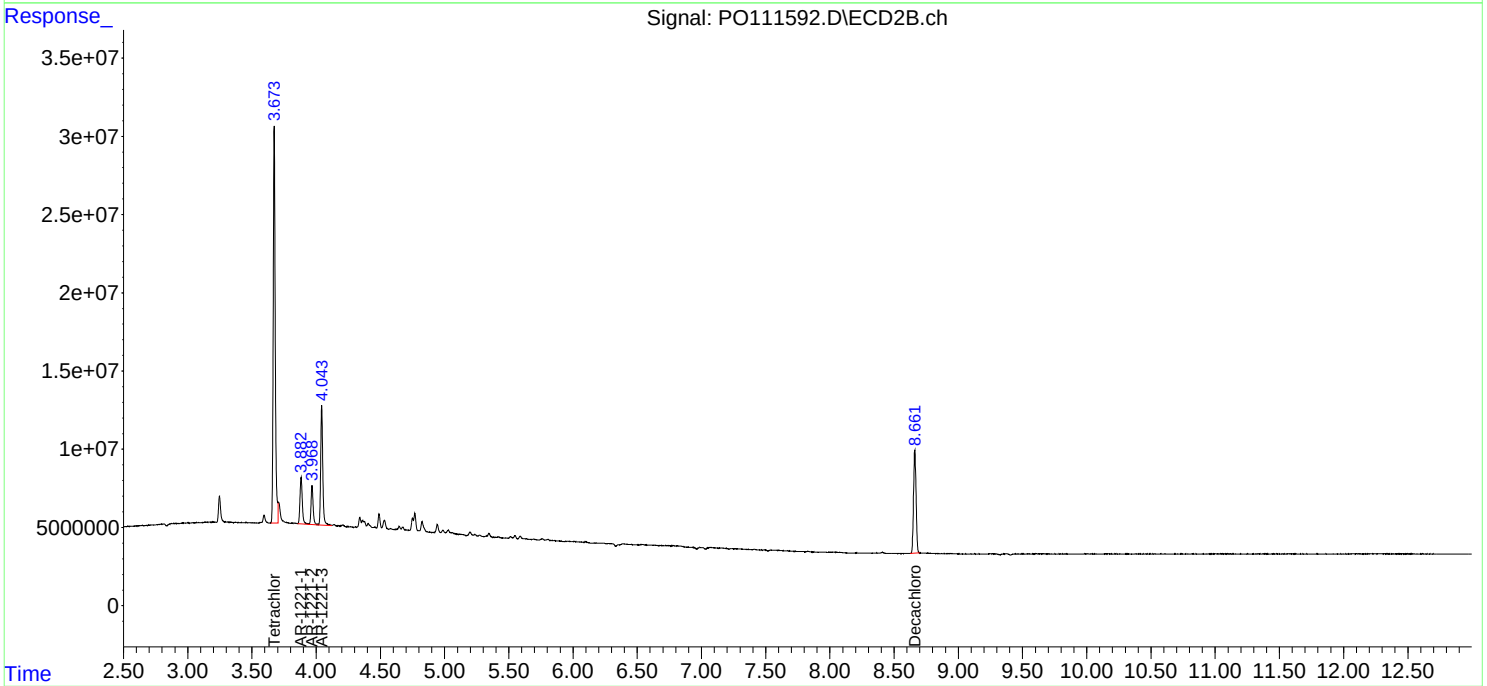
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111592.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:12
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:46:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
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\PO061125\
Data File : PO111593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:30
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: Jun 11 12:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
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...	3.678	3.673	281.8E6	280.2E6	50.000	50.000
2) SA	Decachlor...	8.712	8.661	258.0E6	86695497	50.000	50.000
	Target Compounds						
11) L3	AR-1232-1	4.052	4.043	75874515	66494811	500.000	500.000
12) L3	AR-1232-2	4.544	4.769	43110570	65895506	500.000	500.000
13) L3	AR-1232-3	4.785	4.944	81440353	34559074	500.000	500.000
14) L3	AR-1232-4	4.961	5.029	43509571	30242026	500.000	500.000
15) L3	AR-1232-5	5.004	5.199	28290272	33207345	500.000	500.000

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

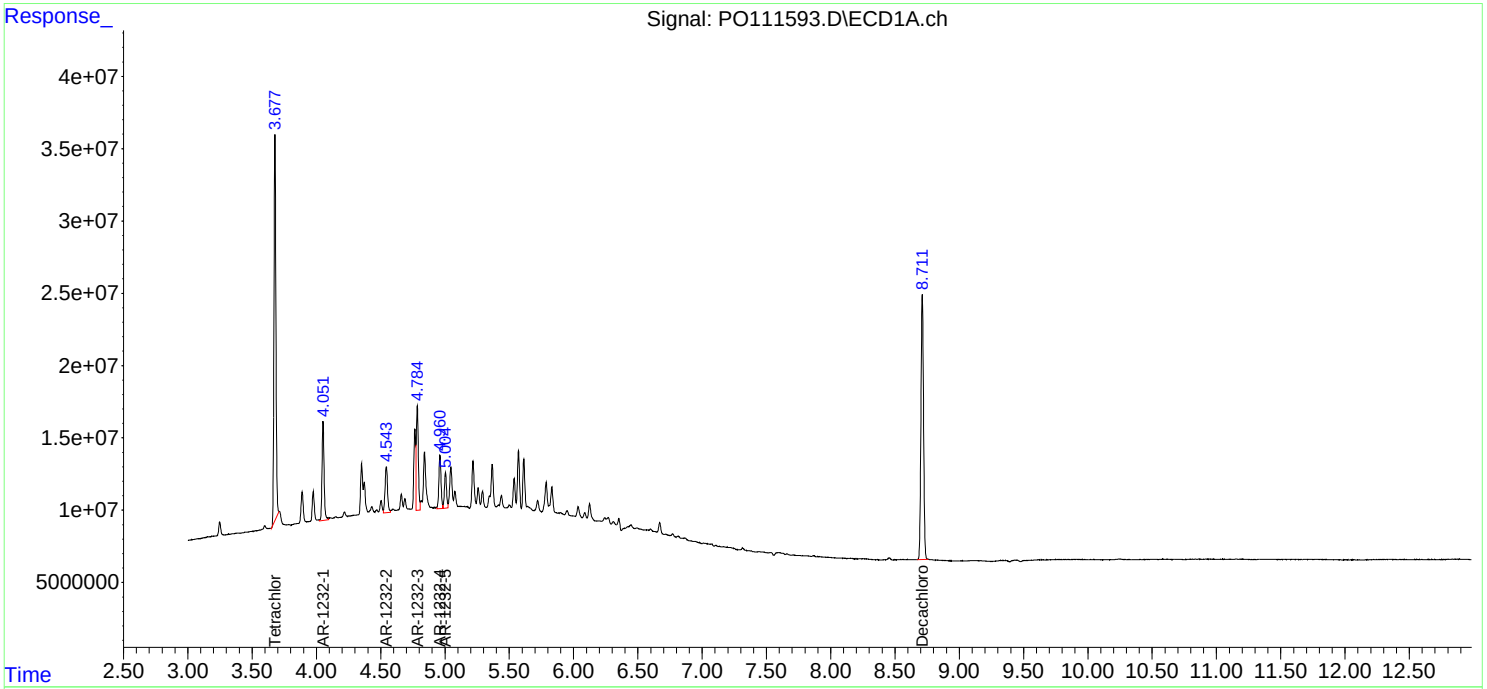
ICAL Form

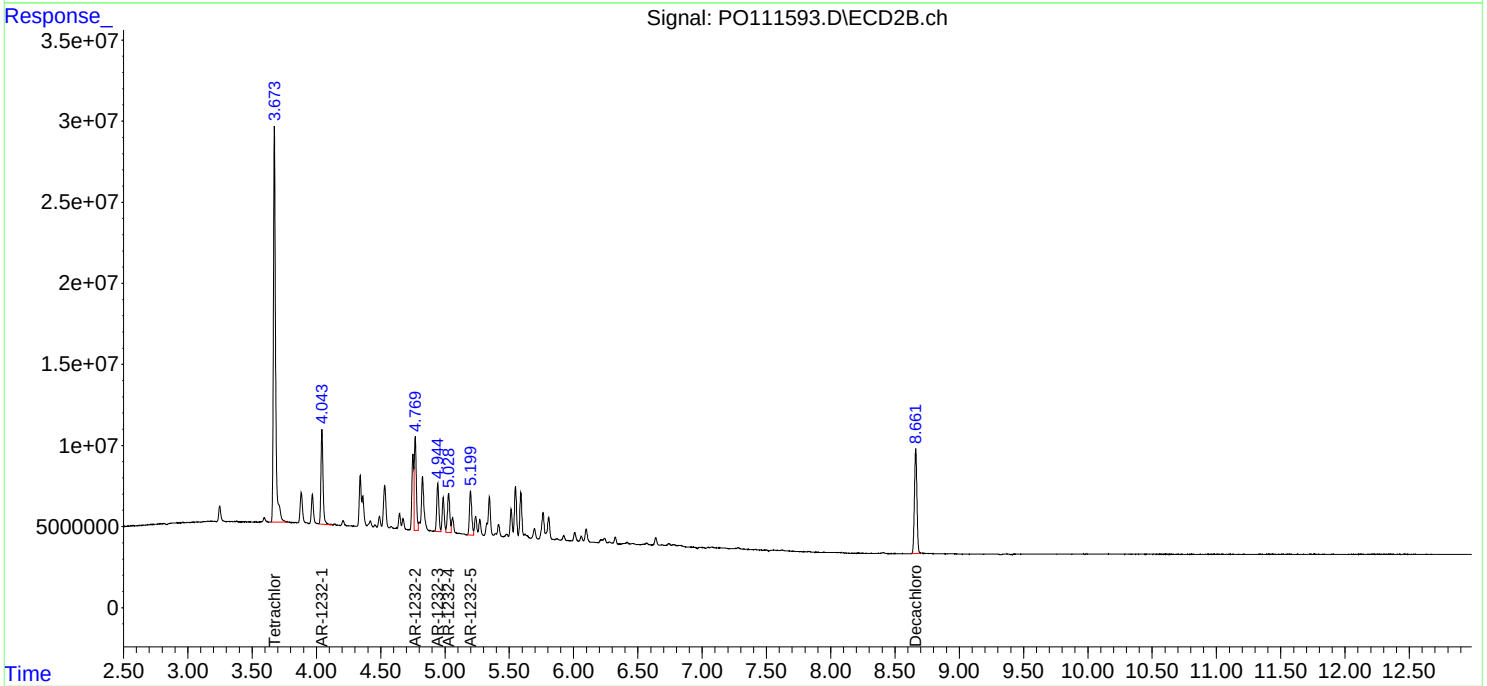
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111593.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 12:30
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:46:00 2025
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\PO061125\
Data File : PO111596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 13:25
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: Jun 11 14:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:13:27 2025
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...	3.678	3.673	292.4E6	283.4E6	50.000	50.000
2)	SA Decachlor...	8.713	8.662	263.1E6	88437095	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.765	4.751	104.2E6	83032155	500.000	500.000
17)	L4 AR-1242-2	4.784	4.769	147.5E6	121.7E6	500.000	500.000
18)	L4 AR-1242-3	4.841	4.944	102.8E6	64595632	500.000	500.000
19)	L4 AR-1242-4	4.960	5.028	82142260	62825159	500.000	500.000
20)	L4 AR-1242-5	5.612	5.549	88077559	77585315	500.000	500.000

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

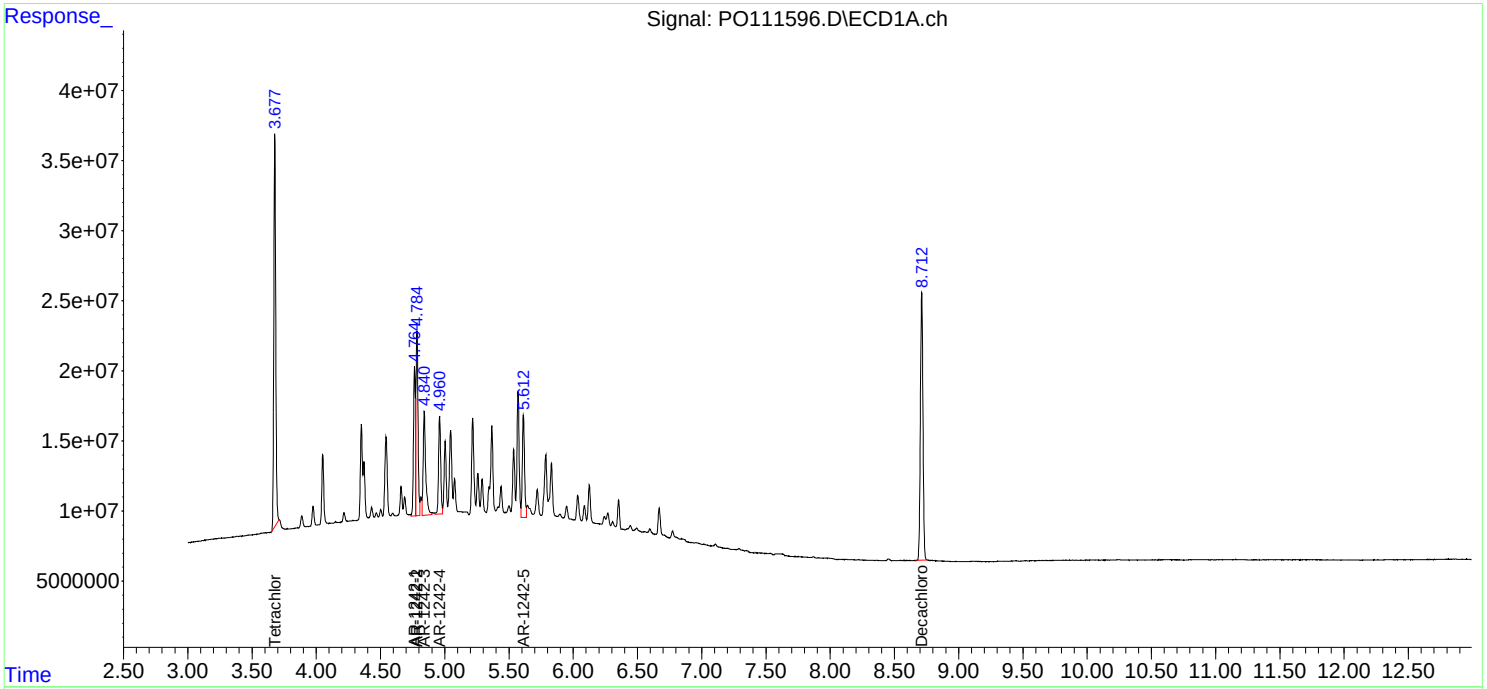
ICAL Form

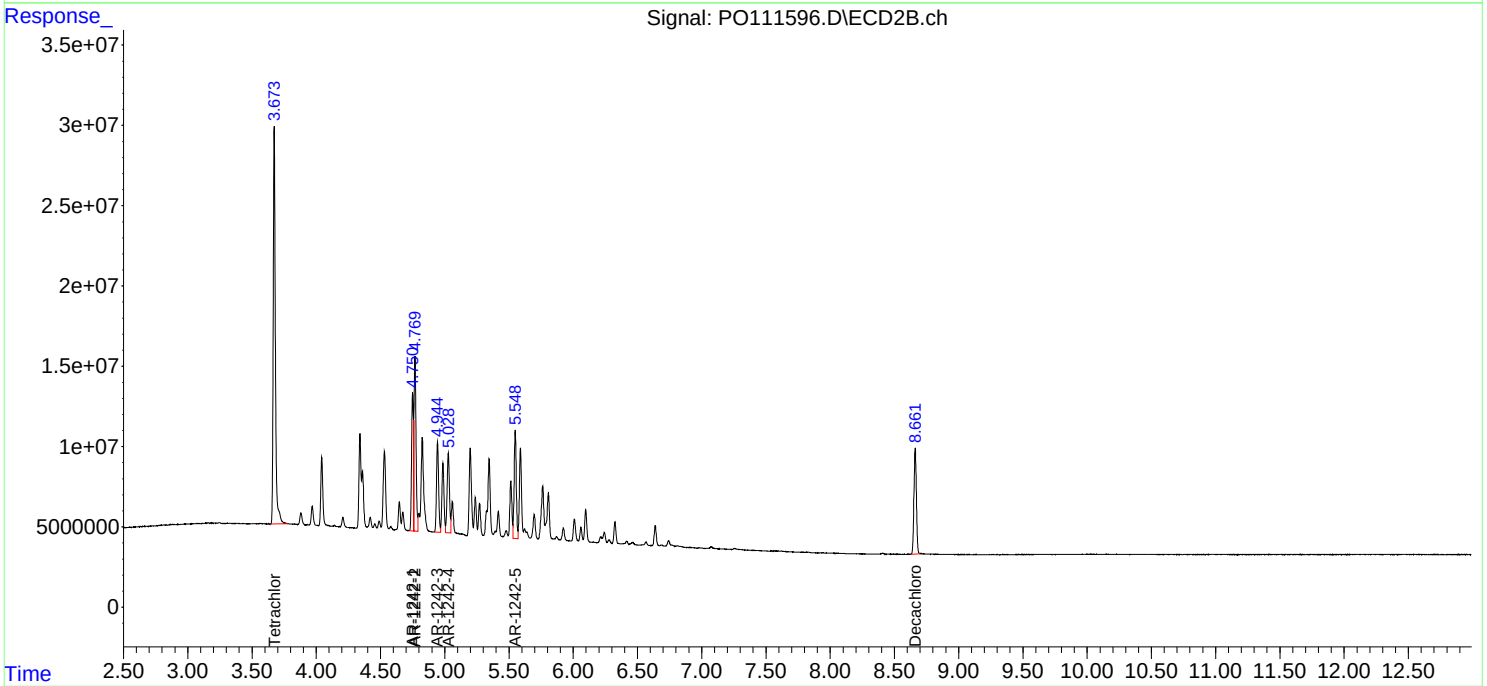
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111596.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 13:25
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 14:13:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 14:13:27 2025
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\PO061125\
Data File : PO111601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:14
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: Jun 11 16:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
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...	3.676	3.673	303.8E6	286.2E6	50.000	50.000
2)	SA Decachlor...	8.710	8.661	271.0E6	90265997	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.764	4.750	81185066	65639548	500.000	500.000
22)	L5 AR-1248-2	5.002	4.986	107.1E6	89516538	500.000	500.000
23)	L5 AR-1248-3	5.216	5.028	135.4E6	93975832	500.000	500.000
24)	L5 AR-1248-4	5.570	5.199	199.2E6	111.2E6	500.000	500.000
25)	L5 AR-1248-5	5.611	5.589	141.8E6	108.1E6	500.000	500.000

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

Quantitation Report (QT Reviewed)

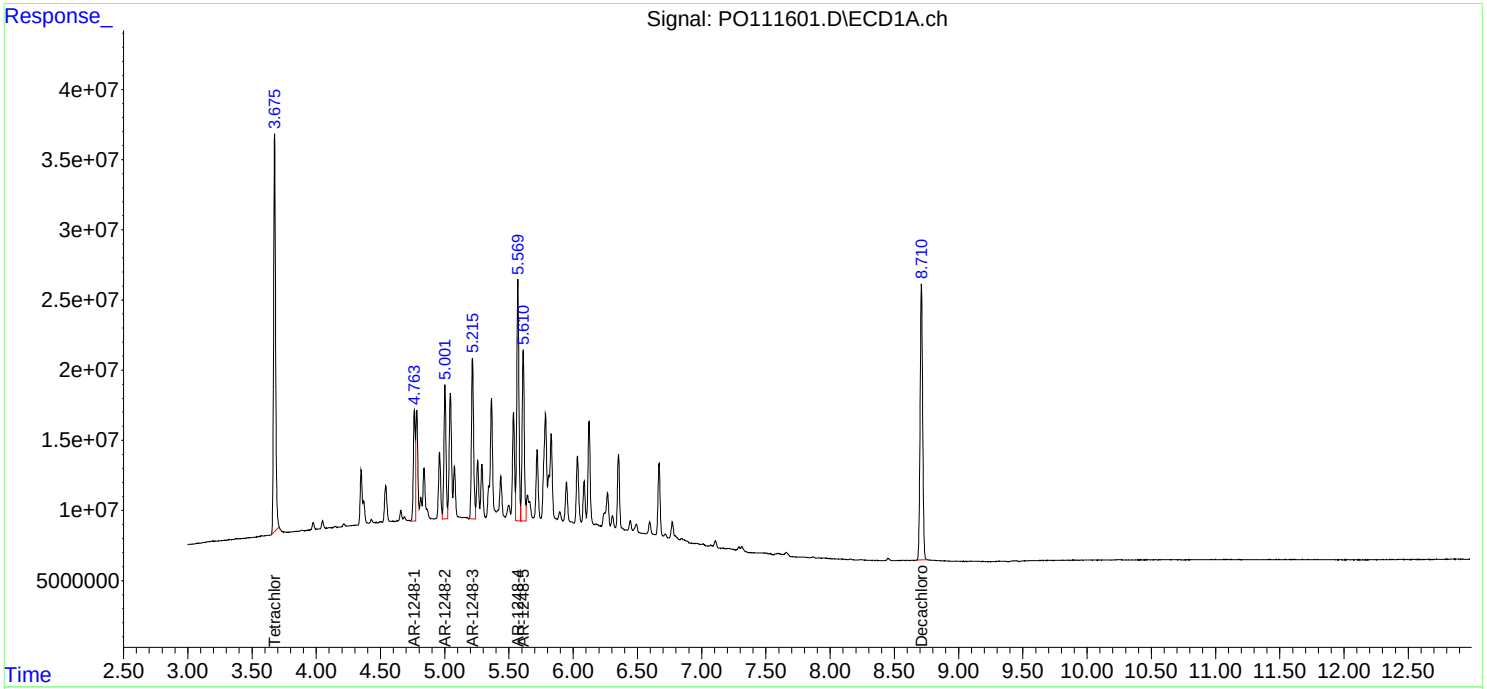
ICAL Form

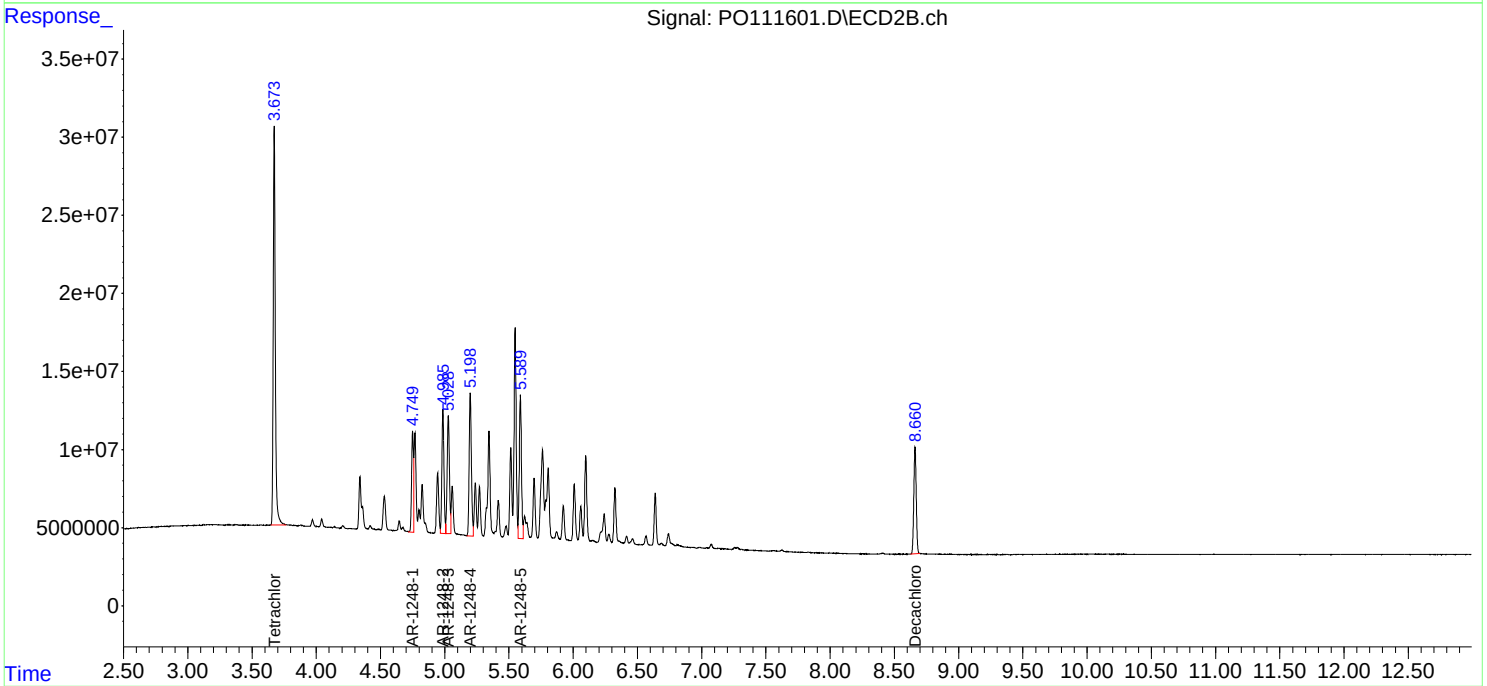
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 15:14
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 16:19:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 16:18:41 2025
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\PO061125\
Data File : PO111604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:06
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: Jun 12 05:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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...	3.676	3.674	572.4E6	555.4E6	95.059	97.186
2)	SA Decachlor...	8.712	8.661	500.9E6	168.1E6	92.701	92.748
	Target Compounds						
26)	L6 AR-1254-1	5.571	5.549	375.3E6	296.9E6	917.463	930.476
27)	L6 AR-1254-2	5.720	5.697	334.6E6	255.5E6	915.415	926.192
28)	L6 AR-1254-3	6.124	6.098	528.3E6	392.9E6	931.715	942.252
29)	L6 AR-1254-4	6.353	6.325	330.8E6	214.6E6	927.406	929.731
30)	L6 AR-1254-5	6.773	6.743	481.2E6	301.4E6	939.831	930.901

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

Quantitation Report (QT Reviewed)

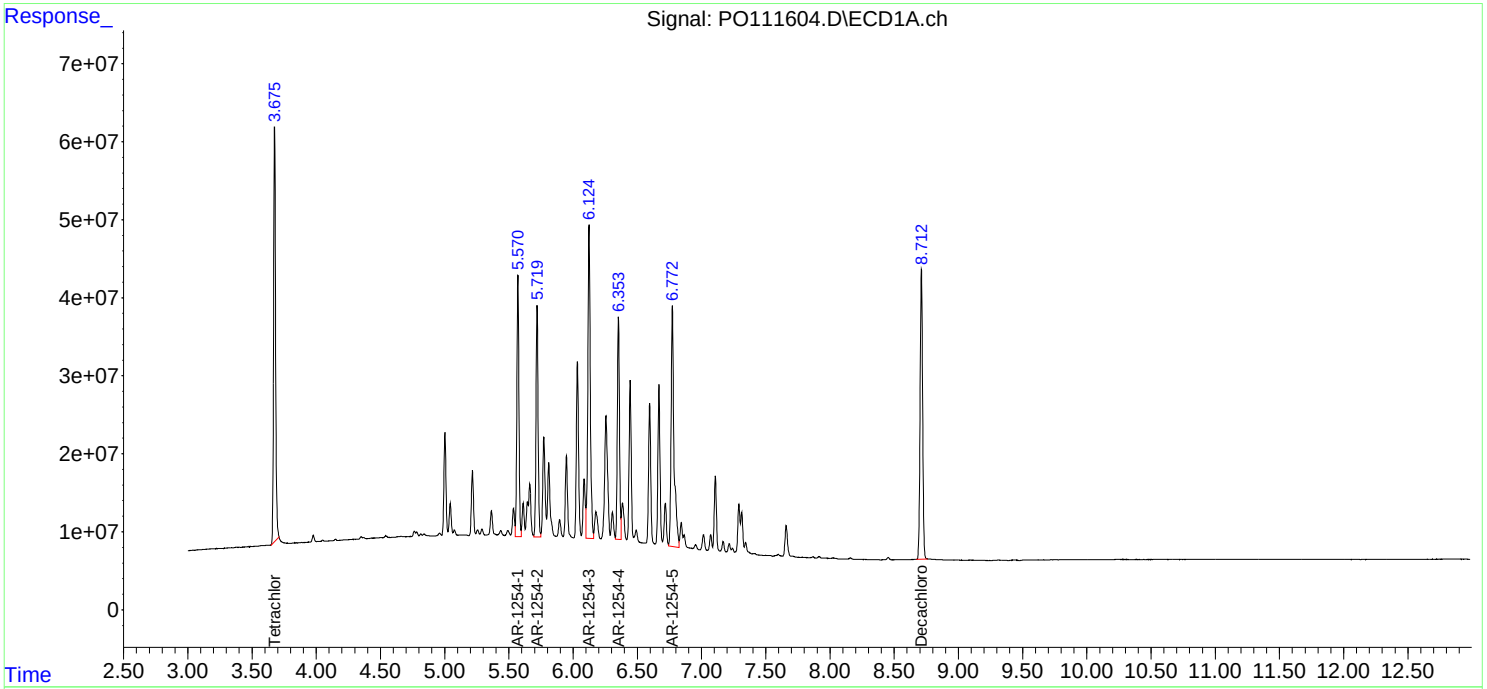
ICAL Form

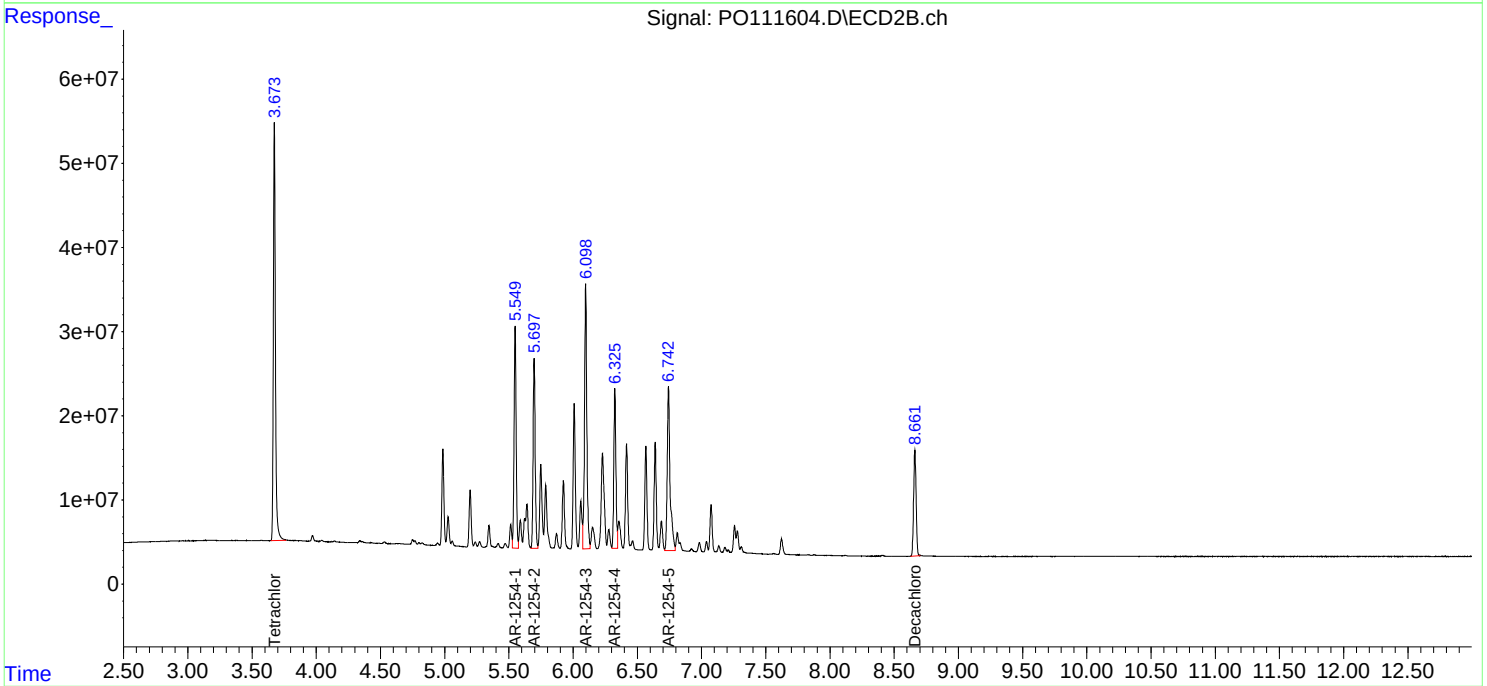
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:06
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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\PO061125\
Data File : PO111605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:25
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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...	3.677	3.674	452.3E6	422.3E6	75.111m	73.899
2)	SA Decachlor...	8.713	8.662	387.6E6	129.2E6	71.726	71.294
	Target Compounds						
26)	L6 AR-1254-1	5.572	5.550	292.8E6	227.9E6	715.883	714.287
27)	L6 AR-1254-2	5.722	5.698	260.8E6	196.8E6	713.601	713.403
28)	L6 AR-1254-3	6.126	6.099	406.3E6	300.2E6	716.678	719.918
29)	L6 AR-1254-4	6.355	6.327	258.5E6	167.0E6	724.737	723.462
30)	L6 AR-1254-5	6.775	6.744	368.9E6	231.0E6	720.516	713.515

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:25
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

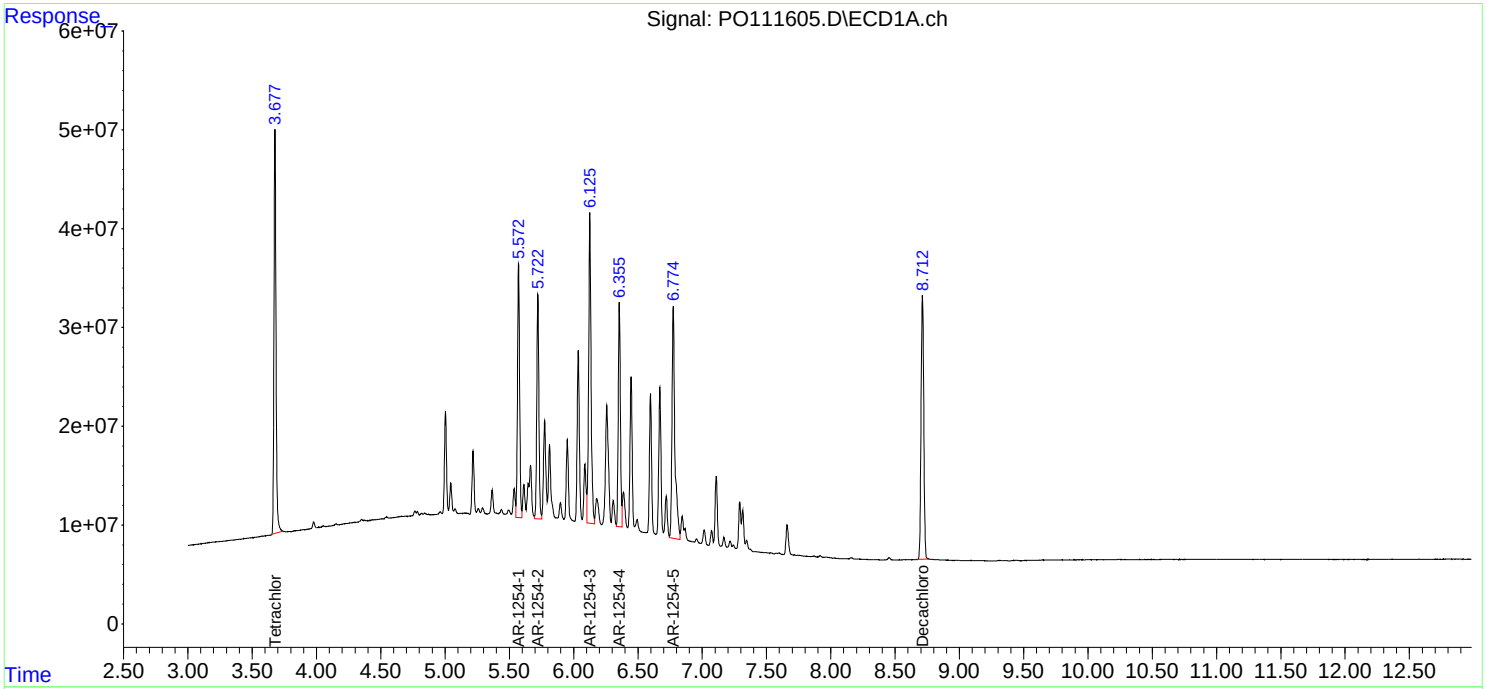
Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

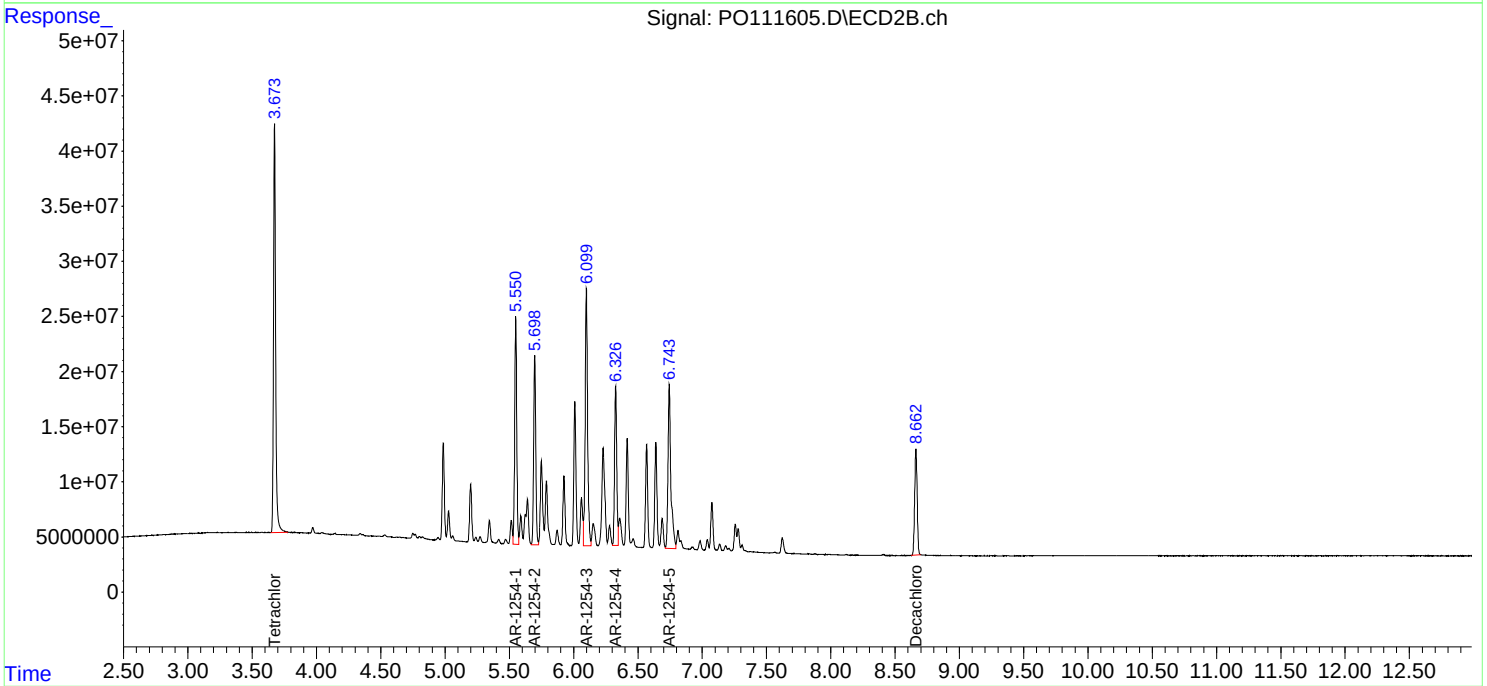
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:33:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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\PO061125\
Data File : PO111606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:43
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: Jun 12 05:34:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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...	3.677	3.673	301.1E6	285.7E6	50.000	50.000
2)	SA Decachlor...	8.712	8.661	270.2E6	90639373	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.572	5.549	204.5E6	159.6E6	500.000	500.000
27)	L6 AR-1254-2	5.722	5.697	182.7E6	137.9E6	500.000	500.000
28)	L6 AR-1254-3	6.126	6.098	283.5E6	208.5E6	500.000	500.000
29)	L6 AR-1254-4	6.356	6.325	178.4E6	115.4E6	500.000	500.000
30)	L6 AR-1254-5	6.775	6.742	256.0E6	161.9E6	500.000	500.000

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

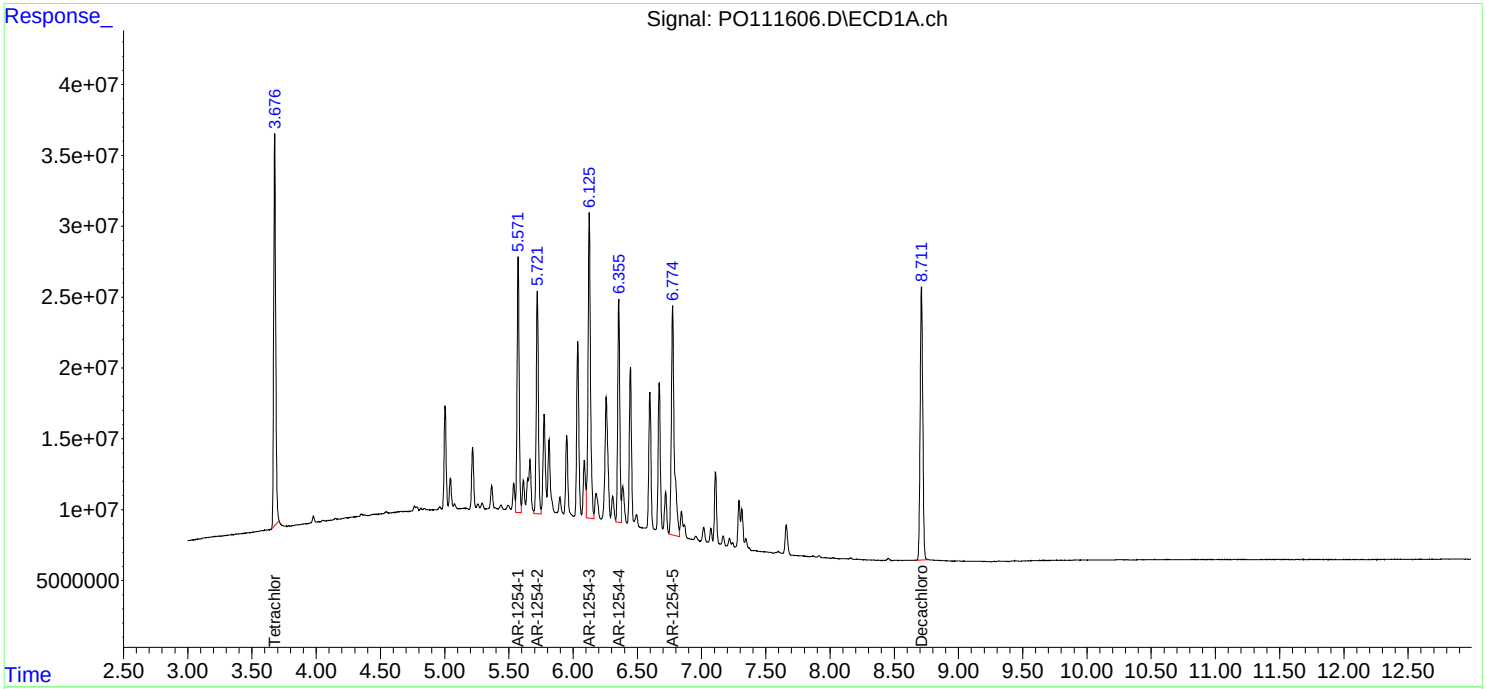
ICAL Form

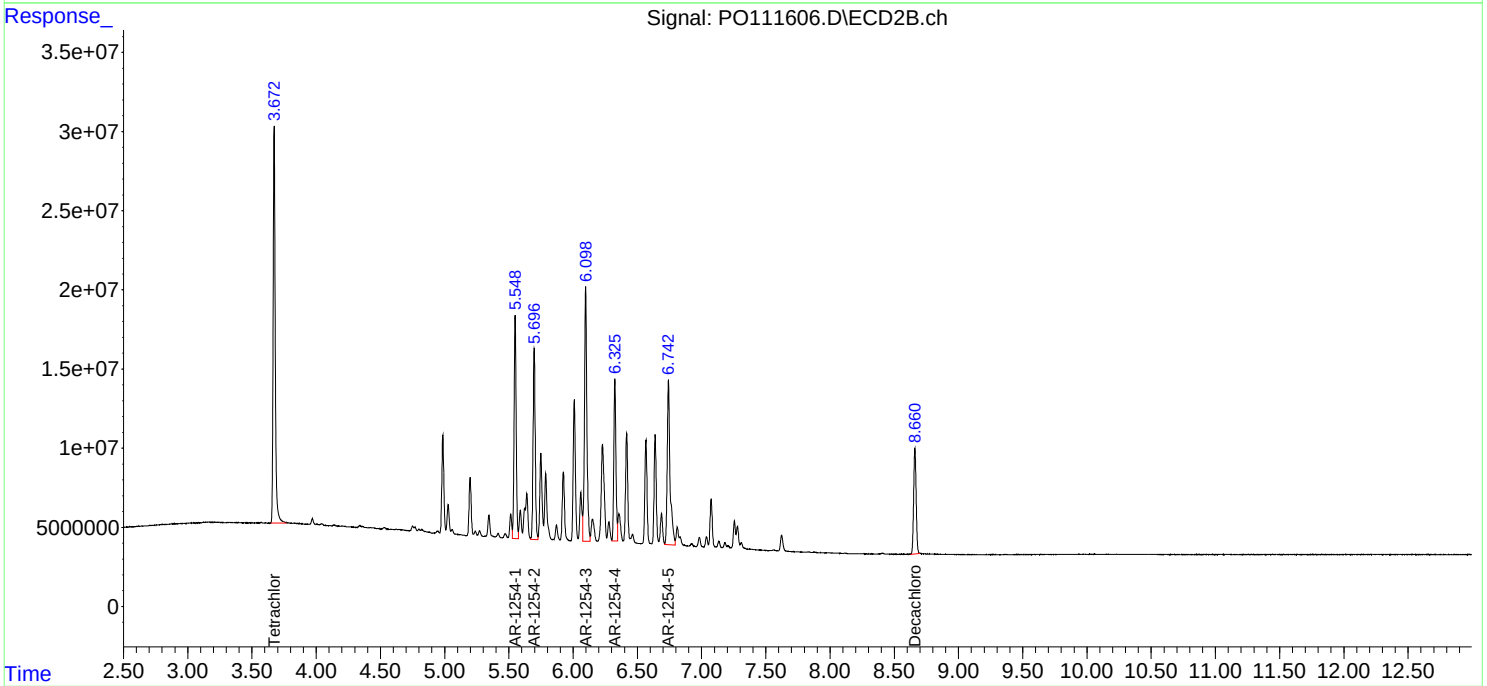
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 16:43
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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\PO061125\
Data File : PO111607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:00
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: Jun 12 05:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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...	3.676	3.674	148.2E6	137.3E6	24.604	24.025
2)	SA Decachlor...	8.712	8.661	134.5E6	44871339	24.893	24.753
	Target Compounds						
26)	L6 AR-1254-1	5.571	5.550	104.6E6	80140407	255.667	251.127
27)	L6 AR-1254-2	5.720	5.697	93641034	69312951	256.223	251.306
28)	L6 AR-1254-3	6.125	6.099	141.7E6	102.9E6	249.964	246.773
29)	L6 AR-1254-4	6.354	6.327	88420478	57943475	247.881	250.992
30)	L6 AR-1254-5	6.774	6.743	126.2E6	79955774	246.527	246.939

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

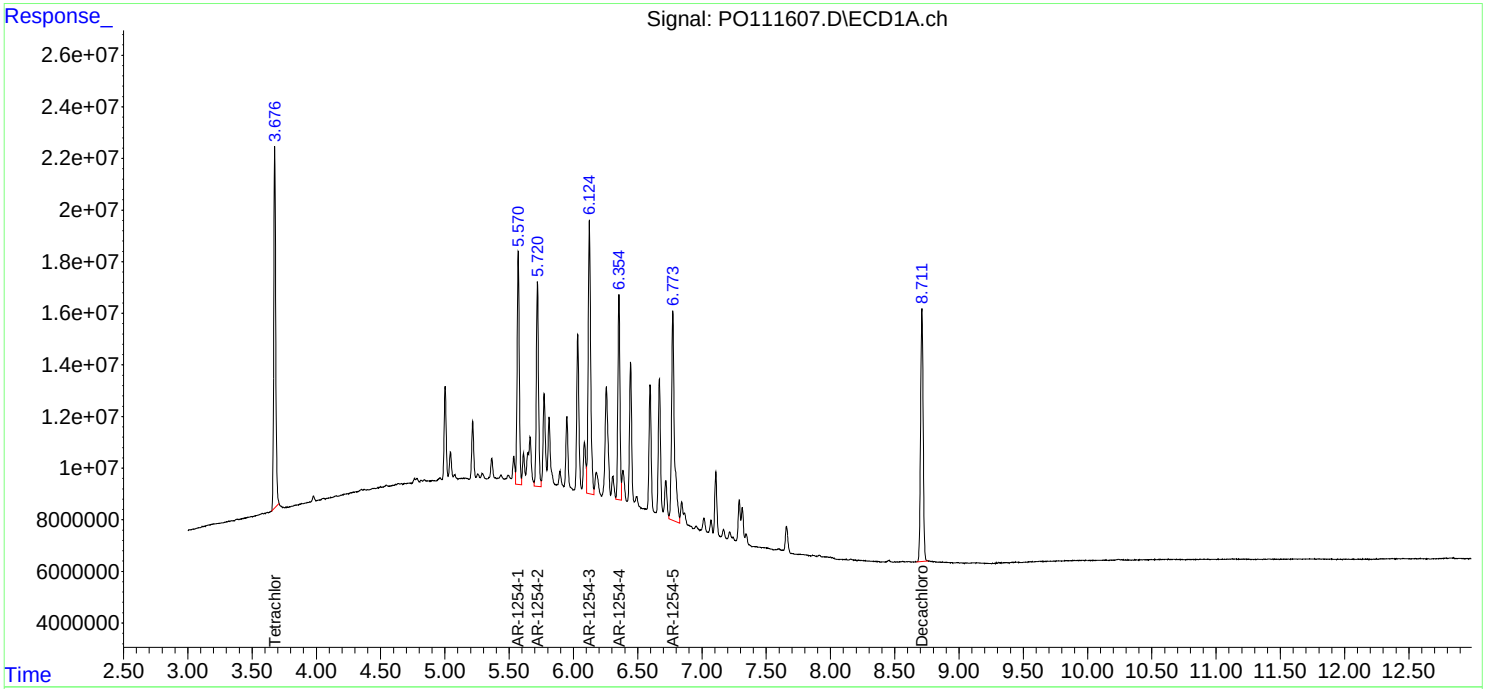
ICAL Form

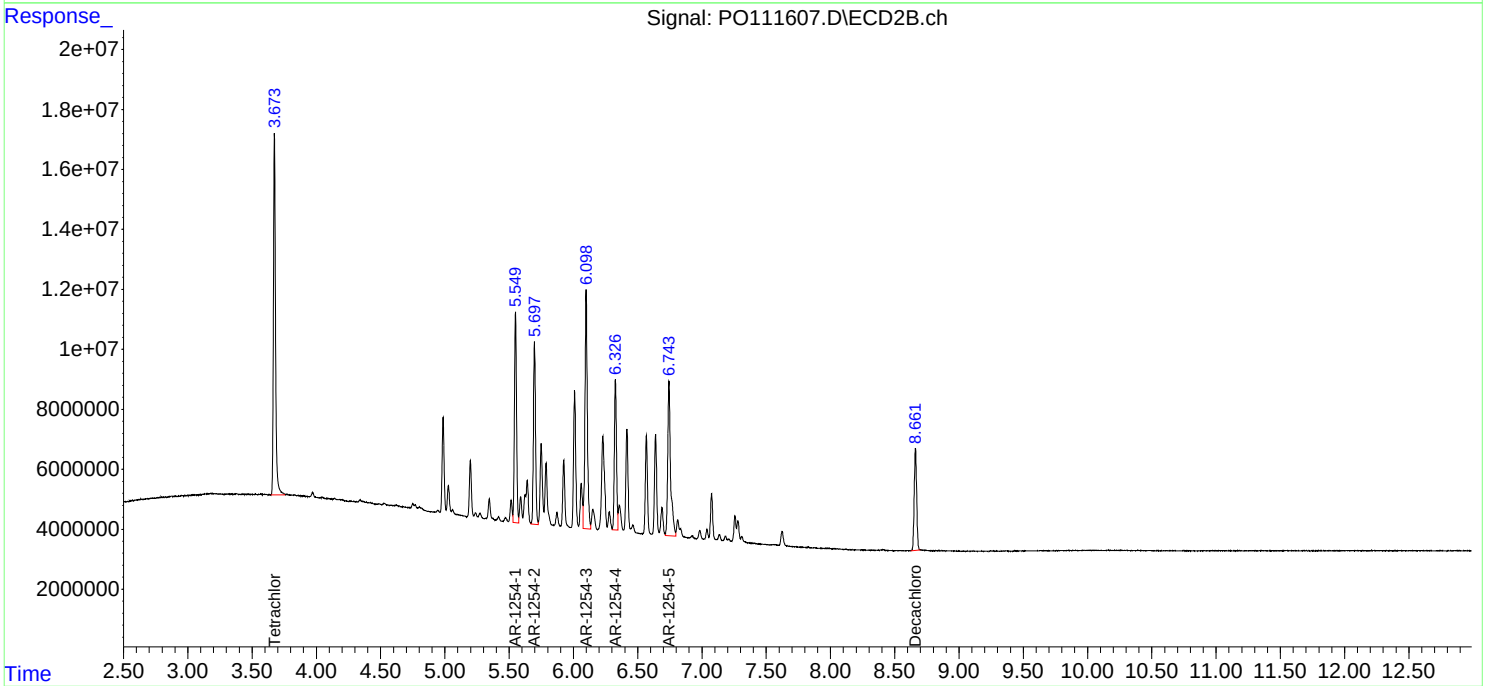
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:00
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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\PO061125\
Data File : PO111608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:18
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: Jun 12 05:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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...	3.675	3.673	33268586	29021554	5.525	5.078
2)	SA Decachlor...	8.711	8.661	30958063	10135764	5.729	5.591
	Target Compounds						
26)	L6 AR-1254-1	5.570	5.550	26611811	18724590	65.057	58.675
27)	L6 AR-1254-2	5.719	5.697	23766283	16284924	65.030	59.044
28)	L6 AR-1254-3	6.124	6.098	32638345	23686717	57.564	56.812
29)	L6 AR-1254-4	6.352	6.326	17926220	11952540	50.255	51.774
30)	L6 AR-1254-5	6.772	6.743	28538450	18744477	55.741	57.891

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

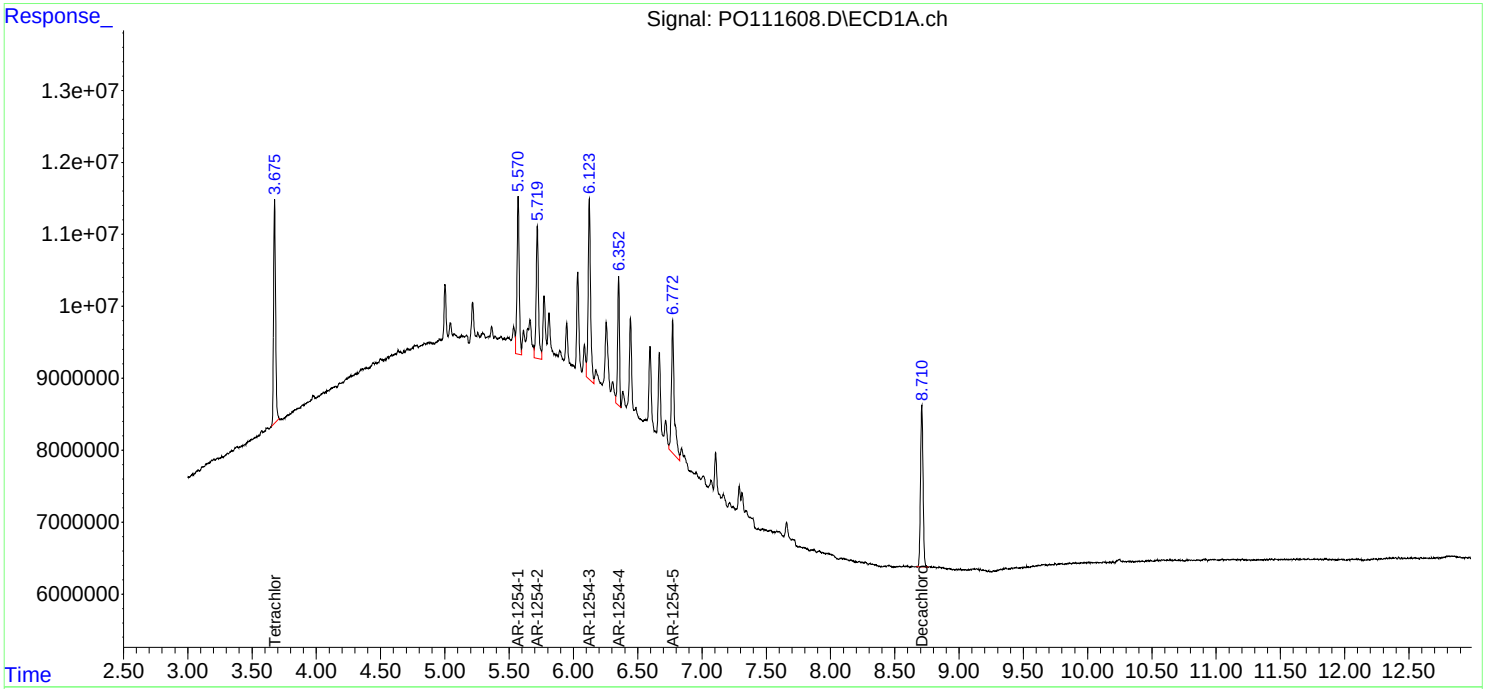
ICAL Form

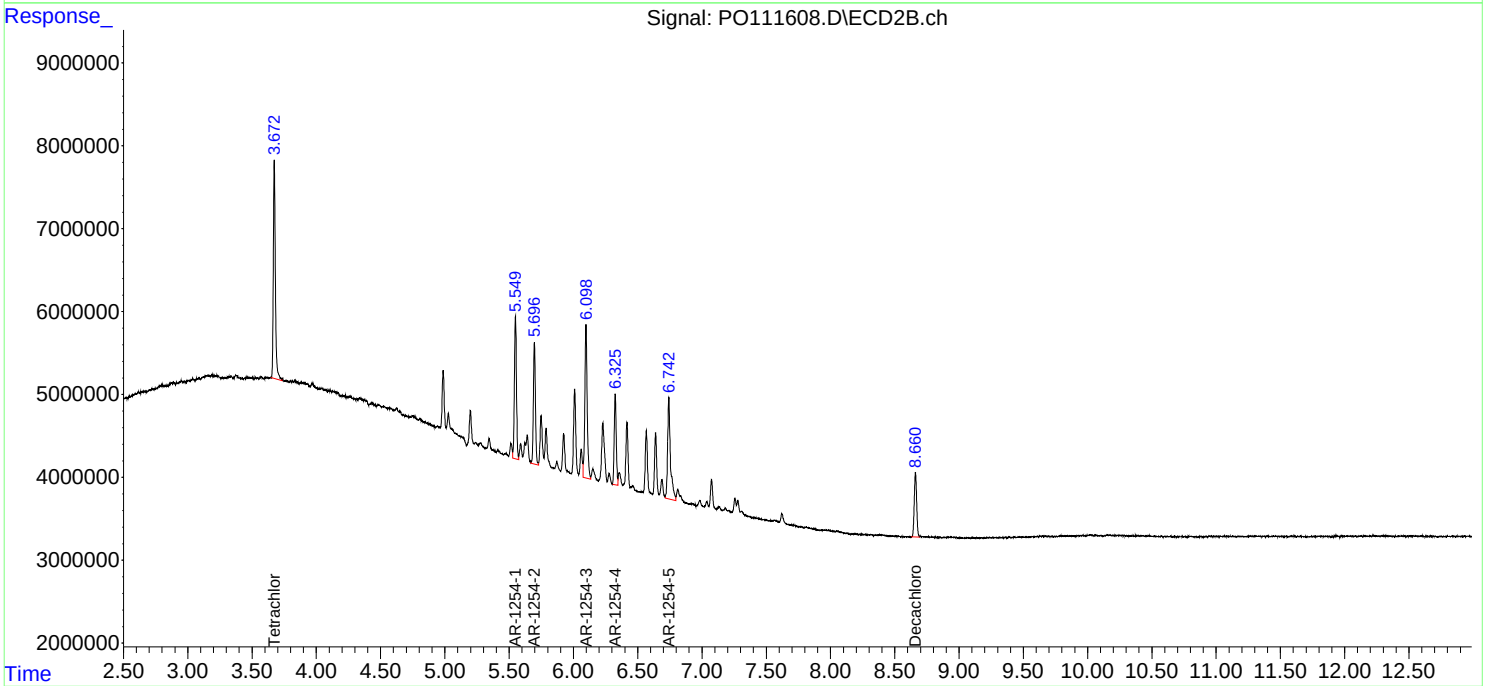
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:18
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:34:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:32:17 2025
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\PO061125\
Data File : PO111609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:36
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: Jun 12 05:47:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:42:57 2025
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...	3.678	3.674	306.3E6	279.8E6	50.000	50.000
2)	SA Decachlor...	8.713	8.663	265.9E6	88744221	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.815	6.782	304.9E6	168.8E6	500.000	500.000
37)	L8 AR-1262-2	7.317	7.281	470.7E6	232.9E6	500.000	500.000
38)	L8 AR-1262-3	7.601	7.564	198.3E6	83142550	500.000	500.000
39)	L8 AR-1262-4	7.664	7.628	328.5E6	138.5E6	500.000	500.000
40)	L8 AR-1262-5	8.161	8.120	152.3E6	50809689	500.000	500.000

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

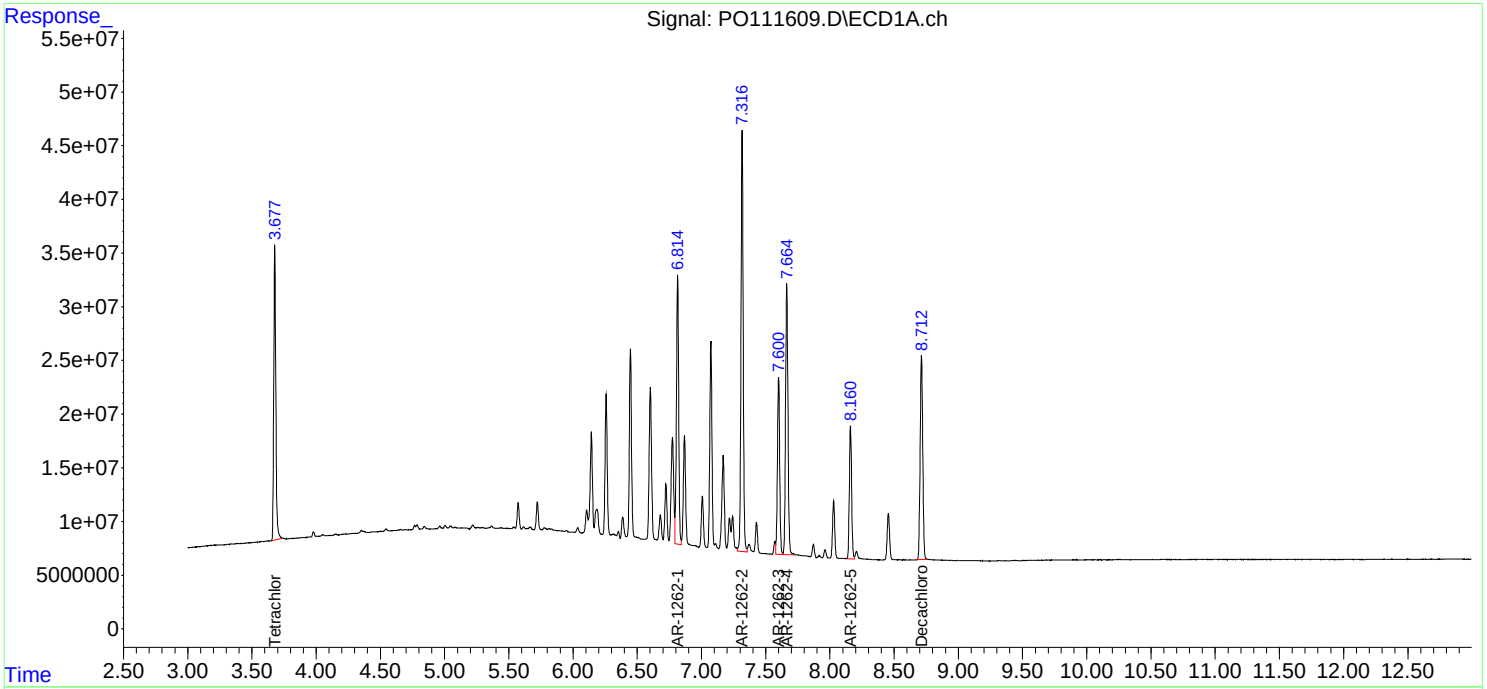
ICAL Form

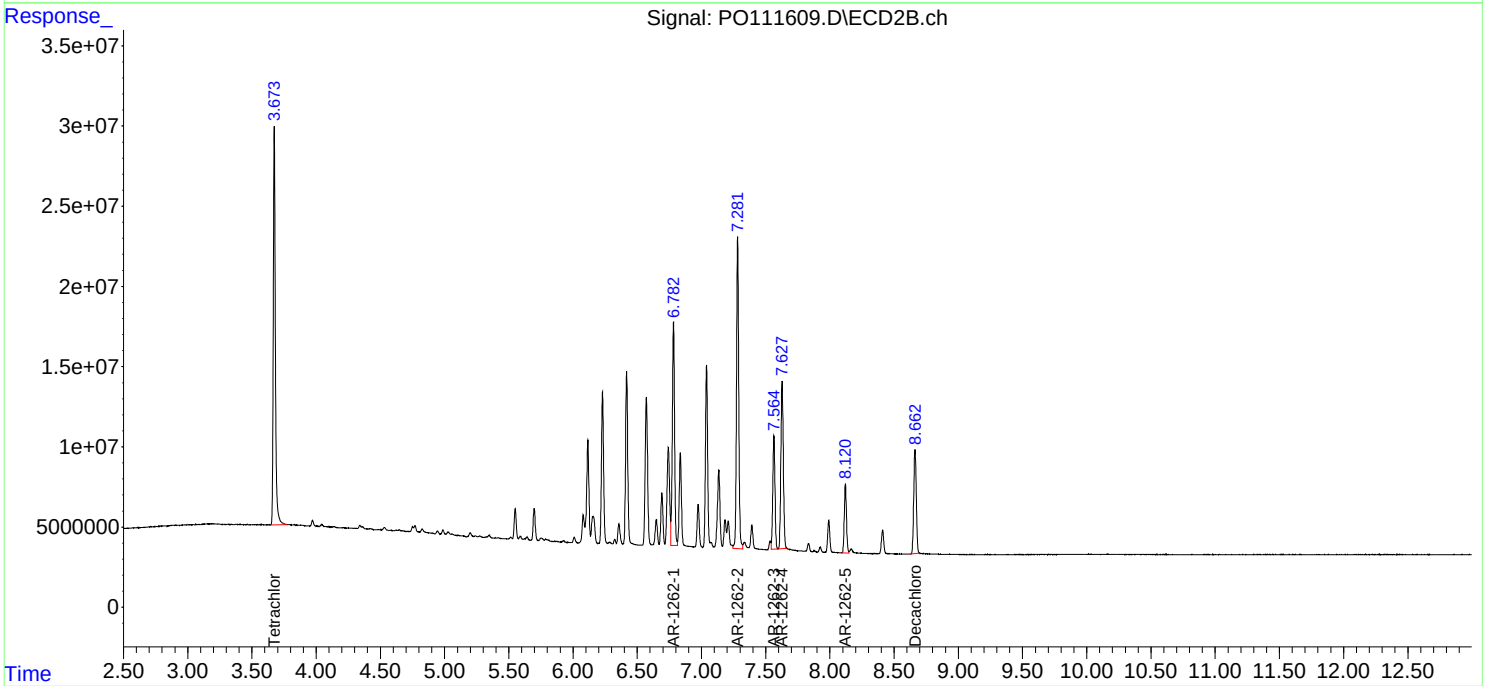
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 17:36
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 05:47:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:42:57 2025
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\PO061125\
Data File : PO111612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 18:31
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: Jun 12 06:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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...	3.678	3.674	313.5E6	284.8E6	50.000	50.000
2)	SA Decachlor...	8.714	8.663	467.0E6	154.8E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.601	7.564	548.4E6	229.0E6	500.000	500.000
42)	L9 AR-1268-2	7.665	7.629	477.2E6	200.0E6	500.000	500.000
43)	L9 AR-1268-3	7.872	7.834	400.1E6	152.3E6	500.000	500.000
44)	L9 AR-1268-4	8.161	8.121	172.4E6	56435057	500.000	500.000
45)	L9 AR-1268-5	8.455	8.411	1093.6E6	353.2E6	500.000	500.000

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

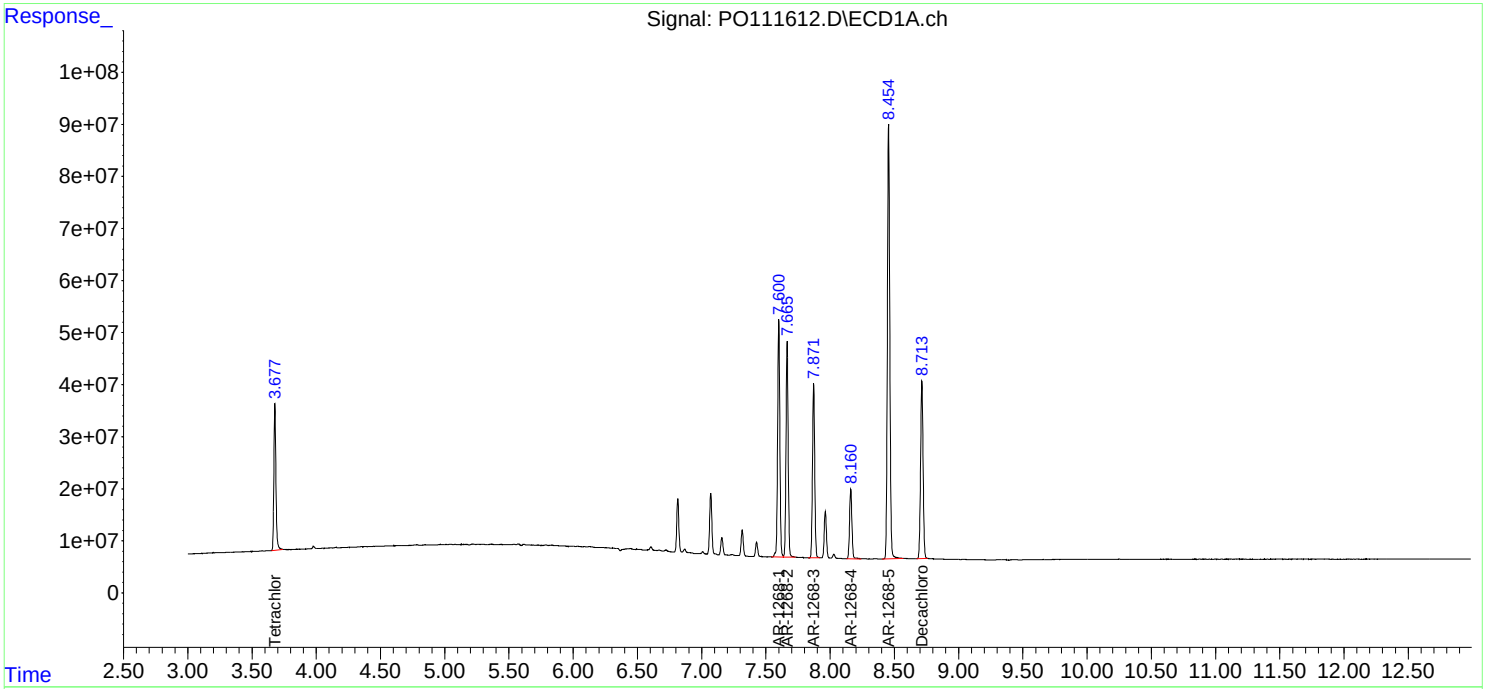
ICAL Form

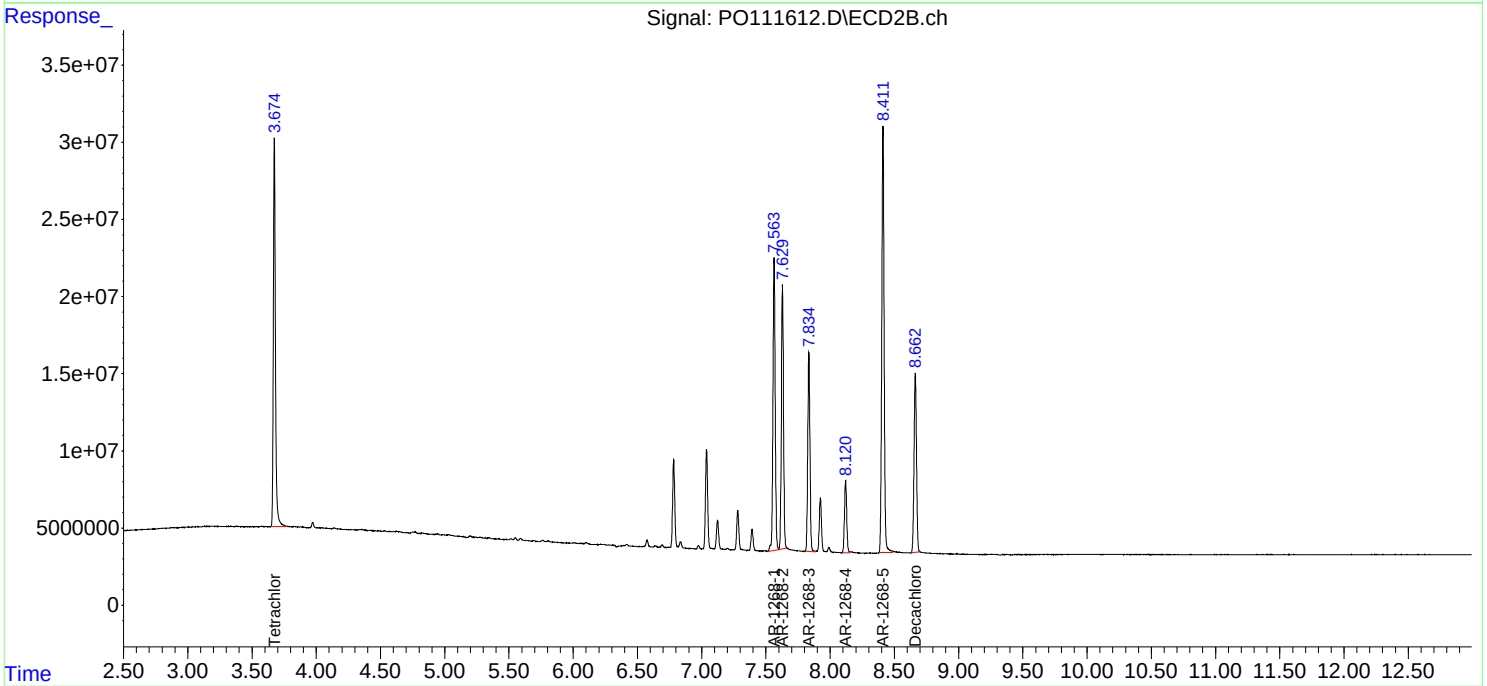
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 18:31
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:02:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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\PO061125\
Data File : PO111615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 19:25
Operator : YP/AJ
Sample : PO061125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.678	3.674	312.8E6	284.5E6	54.313	50.649
2)	SA Decachlor...	8.714	8.663	262.1E6	87482159	49.936	49.212
	Target Compounds						
3)	L1 AR-1016-1	4.767	4.751	120.8E6	96122372	506.366	488.508
4)	L1 AR-1016-2	4.785	4.769	171.7E6	140.6E6	516.057	493.691
5)	L1 AR-1016-3	4.842	4.945	119.3E6	74902189	518.404	498.552
6)	L1 AR-1016-4	4.962	4.987	94987891	60498359	512.167	496.754
7)	L1 AR-1016-5	5.219	5.199	98032616	79010871	525.240	496.304
31)	L7 AR-1260-1	6.258	6.230	174.2E6	124.2E6	490.145	494.961
32)	L7 AR-1260-2	6.448	6.417	235.7E6	144.3E6	498.933	490.854
33)	L7 AR-1260-3	6.814	6.570	213.4E6	130.1E6	502.477	487.032
34)	L7 AR-1260-4	7.074	7.040	158.0E6	93232919	502.582	490.451
35)	L7 AR-1260-5	7.316	7.281	408.9E6	206.3E6	496.383	485.361

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

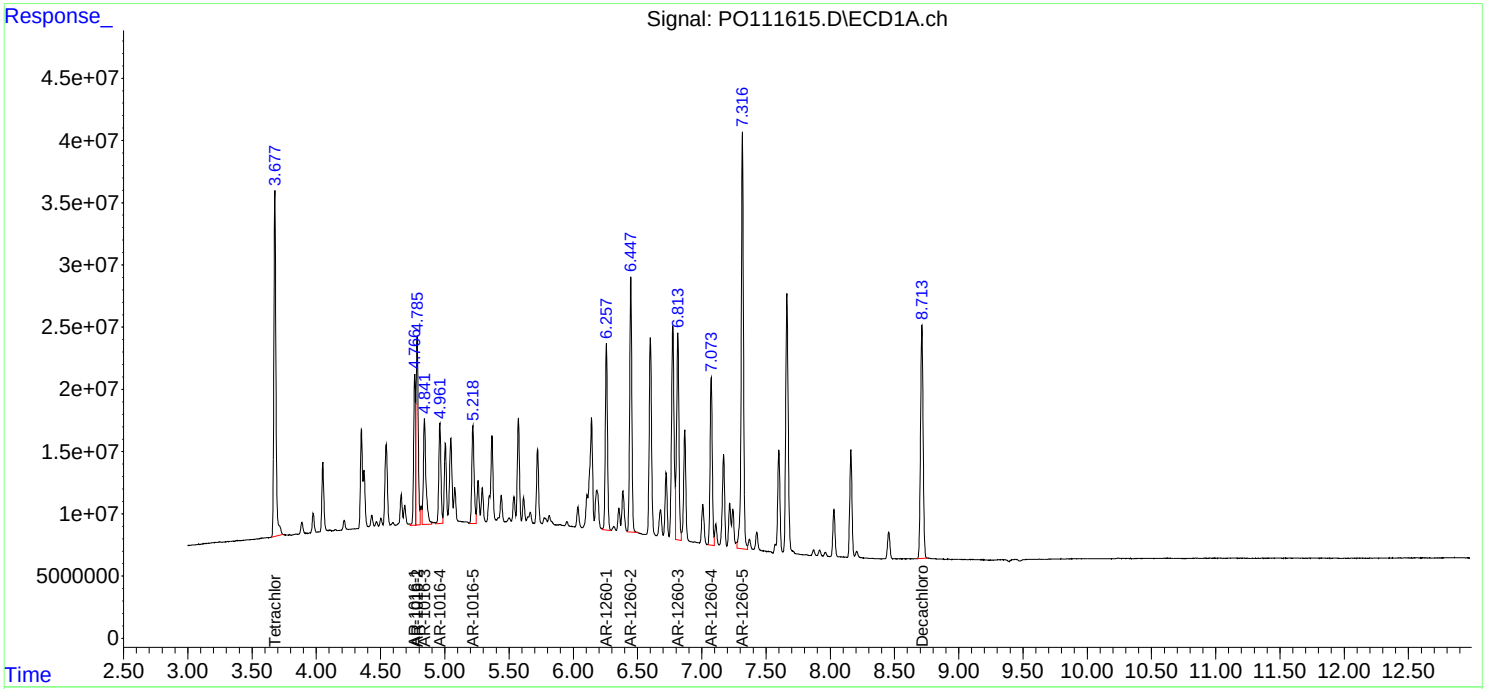
ICAL Form

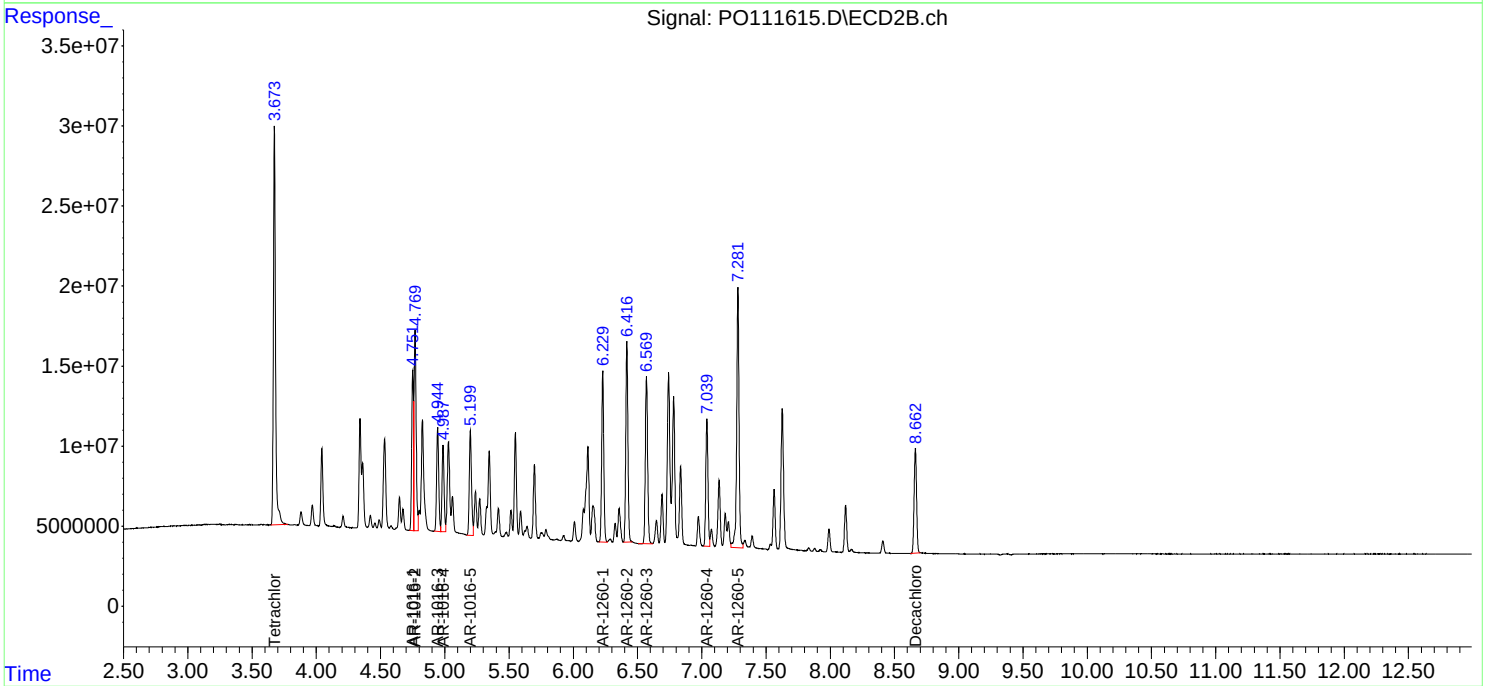
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 19:25
Operator : YP/AJ
Sample : PO061125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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\PO061125\
Data File : PO111616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 20:02
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.678	3.674	317.8E6	290.0E6	55.185	51.631
2)	SA Decachlor...	8.714	8.662	265.8E6	87982650	50.639	49.493
	Target Compounds						
16)	L4 AR-1242-1	4.767	4.751	103.3E6	83976174	512.987	515.952
17)	L4 AR-1242-2	4.785	4.770	152.5E6	122.9E6	541.110	520.666
18)	L4 AR-1242-3	4.842	4.945	104.8E6	65447268	527.329	521.121
19)	L4 AR-1242-4	4.962	5.029	83763653	64008885	529.489	522.271
20)	L4 AR-1242-5	5.615	5.549	88172283	78363974	527.295	522.812

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

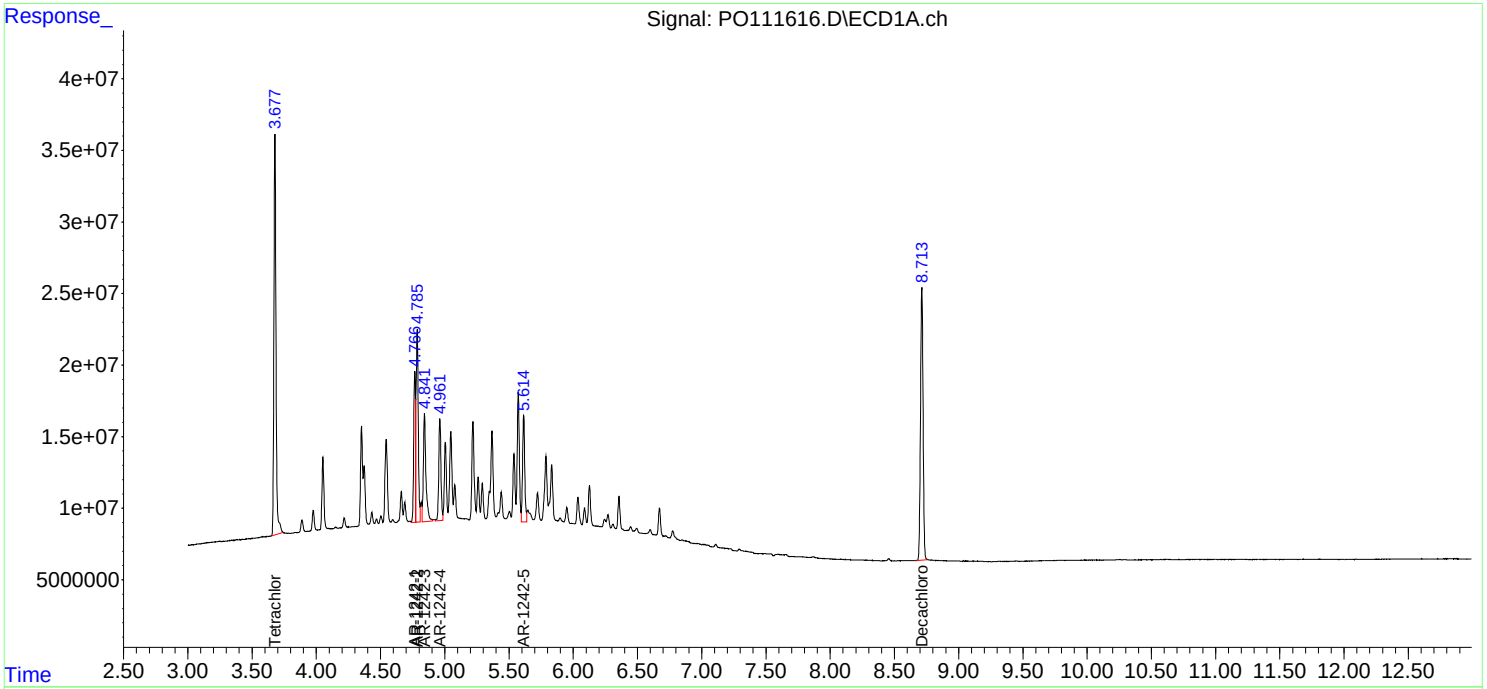
ICAL Form

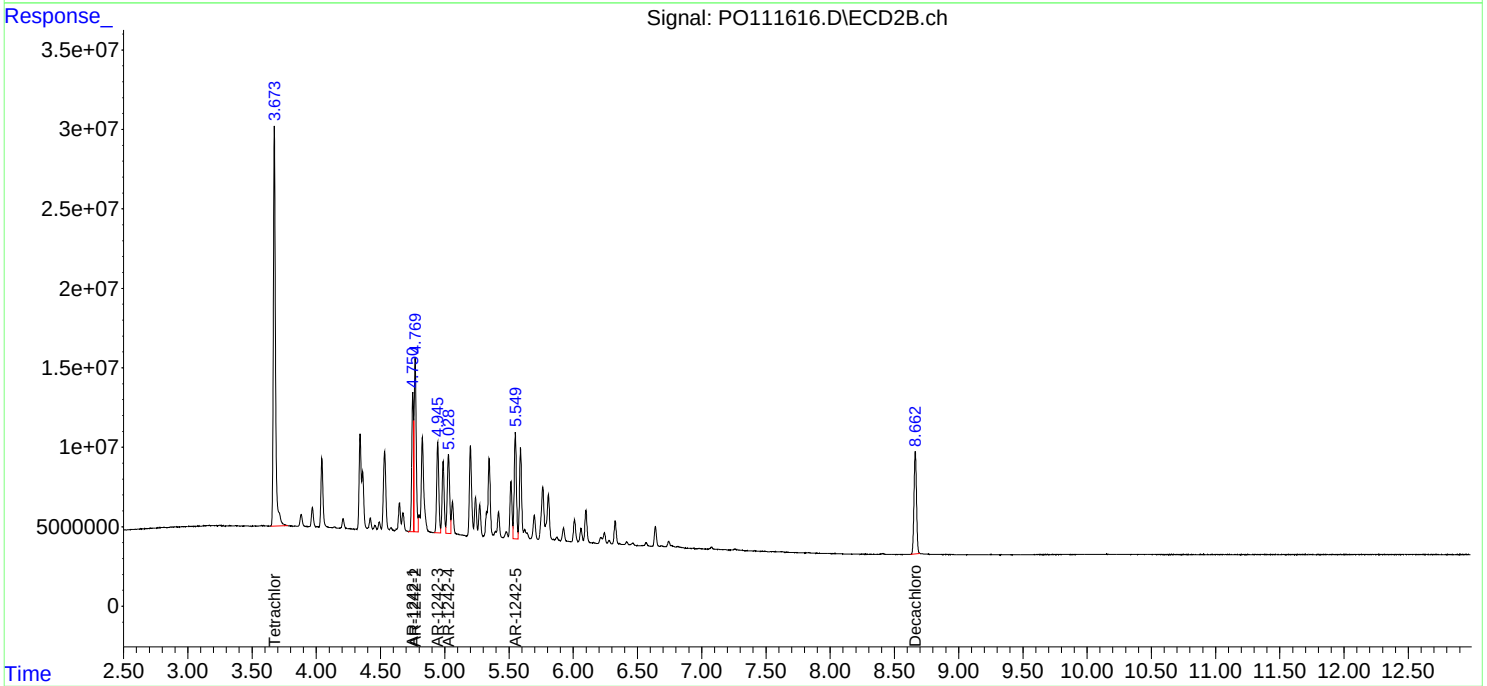
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 20:02
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:32:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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\PO061125\
Data File : PO111617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 20:39
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.678	3.673	308.6E6	278.4E6	53.581	49.556
2)	SA Decachlor...	8.714	8.662	263.4E6	87190525	50.183	49.048
	Target Compounds						
21)	L5 AR-1248-1	4.766	4.751	78506668	63861888	486.816	479.140
22)	L5 AR-1248-2	5.005	4.987	105.2E6	86852556	487.818	487.510
23)	L5 AR-1248-3	5.219	5.029	133.1E6	91125563	493.349	481.031
24)	L5 AR-1248-4	5.573	5.199	195.1E6	107.8E6	488.041	472.328
25)	L5 AR-1248-5	5.614	5.590	137.6E6	104.3E6	490.112	479.030

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

Quantitation Report (QT Reviewed)

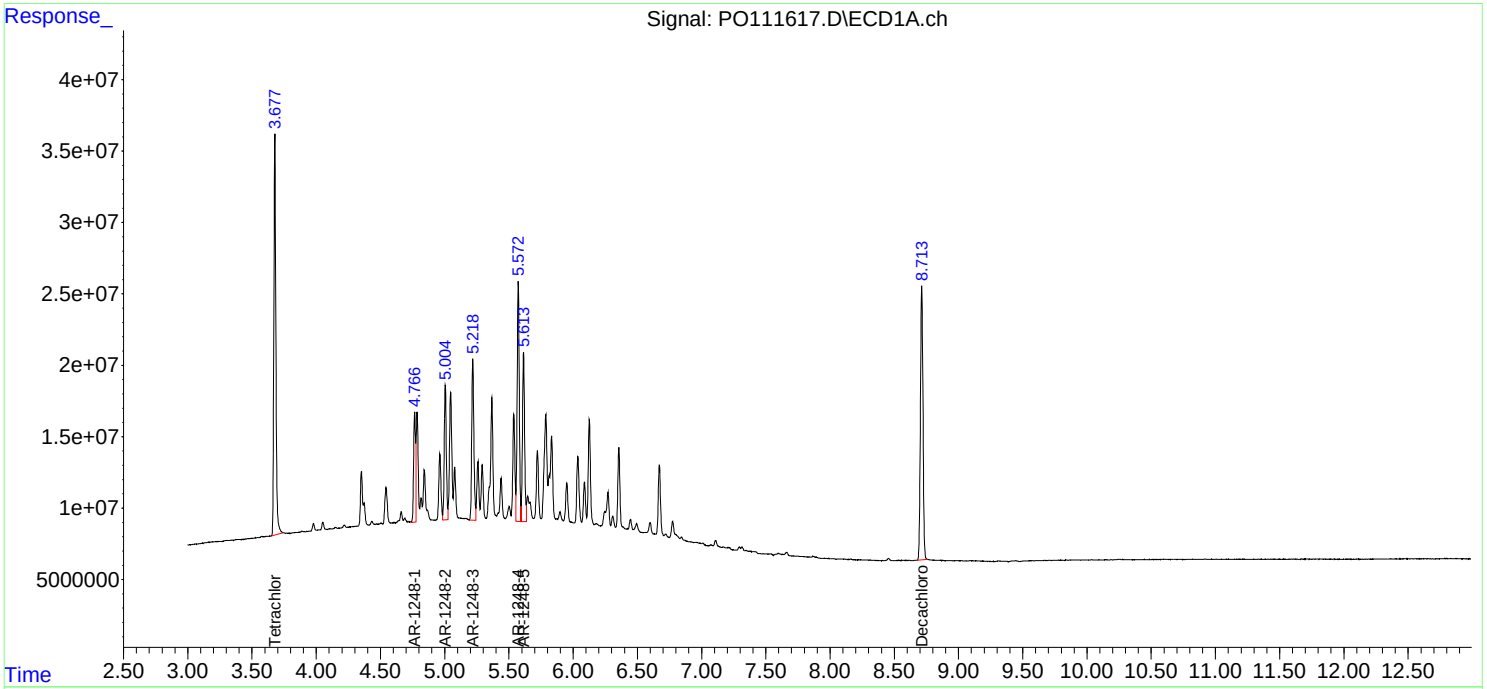
ICAL Form

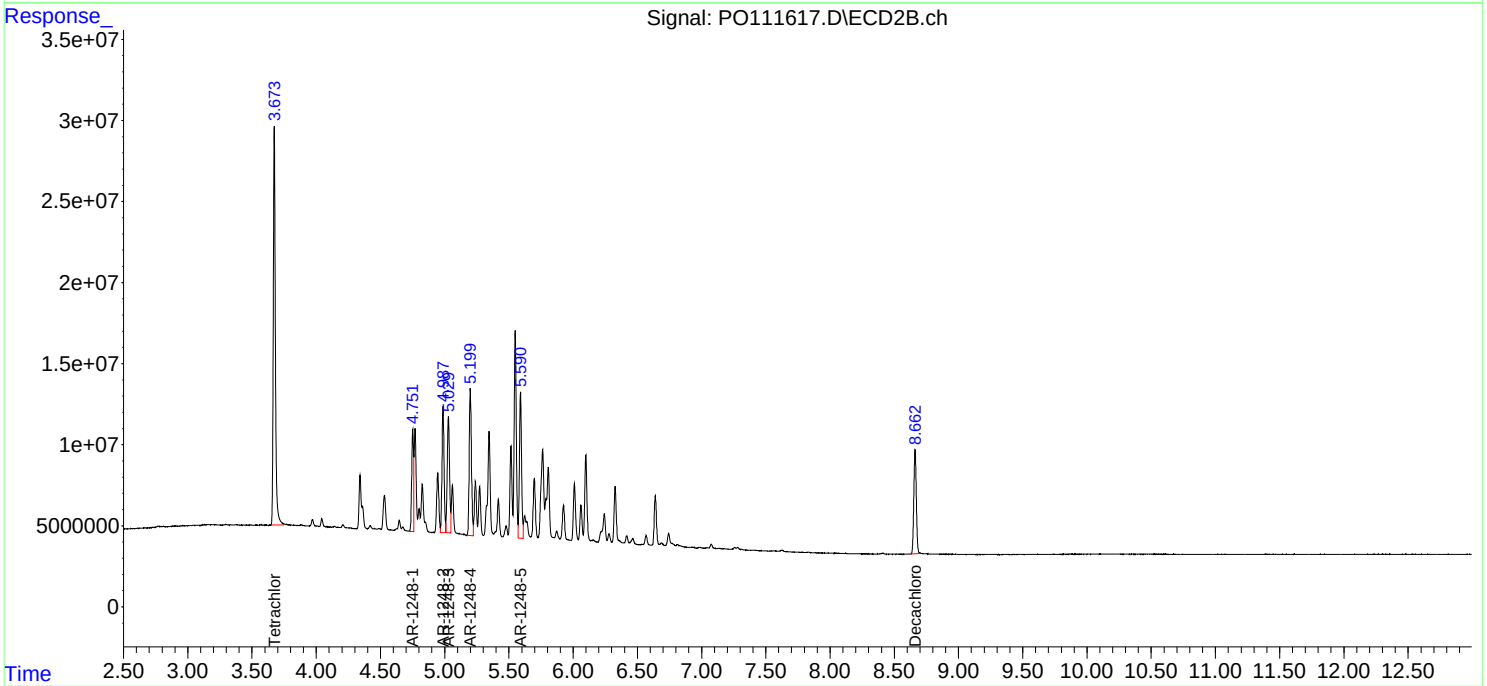
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 20:39
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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\PO061125\
Data File : PO111618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 21:16
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.678	3.673	310.9E6	282.8E6	53.980	50.337
2)	SA Decachlor...	8.713	8.661	267.7E6	88227844	50.997	49.631
	Target Compounds						
26)	L6 AR-1254-1	5.573	5.549	203.9E6	157.1E6	479.600	486.274
27)	L6 AR-1254-2	5.722	5.697	181.7E6	135.5E6	478.697	485.096
28)	L6 AR-1254-3	6.126	6.099	283.0E6	205.3E6	495.320	489.875
29)	L6 AR-1254-4	6.356	6.326	191.2E6	117.9E6	548.098	517.695
30)	L6 AR-1254-5	6.774	6.743	256.9E6	158.4E6	501.597	486.500

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

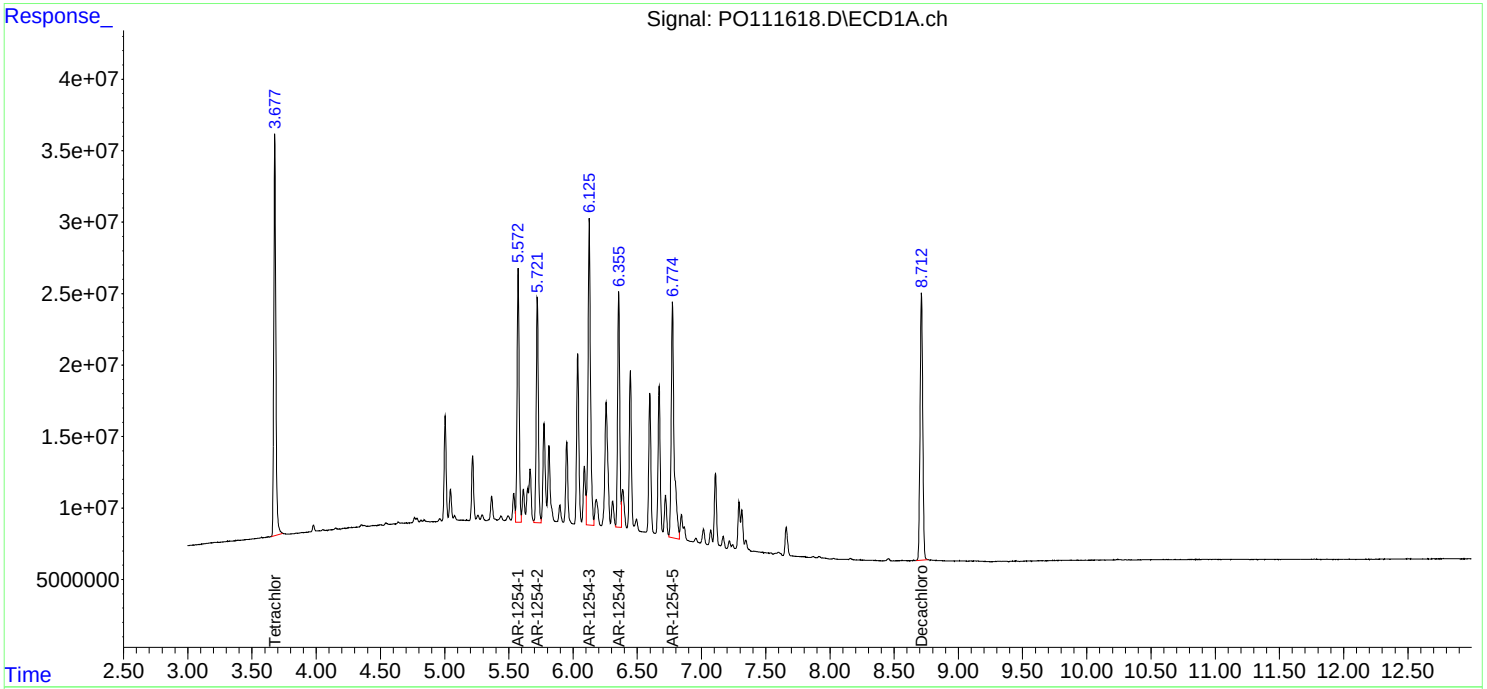
ICAL Form

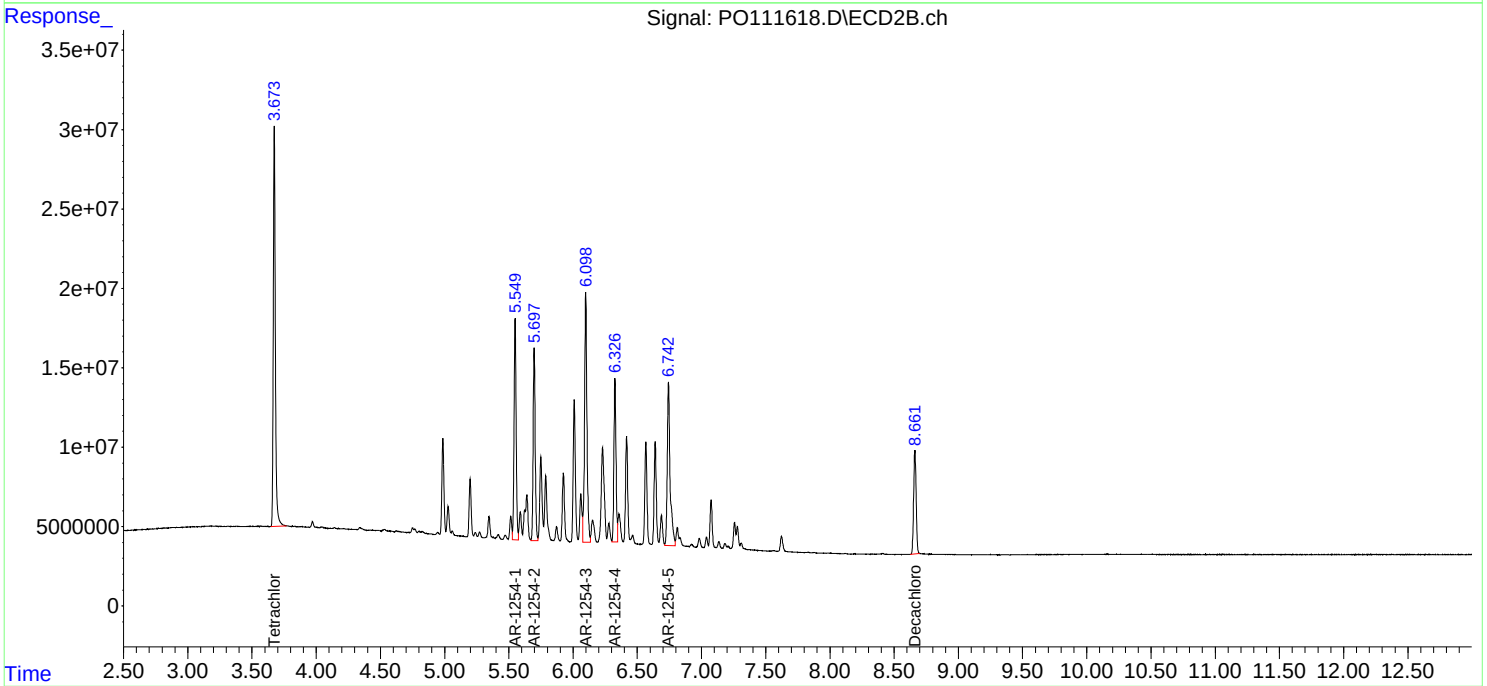
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 21:16
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:33:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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\PO061125\
Data File : PO111619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 21:52
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO061125

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:12:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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...	3.677	3.673	316.2E6	285.9E6	50.018	50.315
2)	SA Decachlor...	8.713	8.662	468.0E6	154.7E6	49.104	48.991
	Target Compounds						
41)	L9 AR-1268-1	7.600	7.562	546.0E6	230.3E6	484.674	481.484m
42)	L9 AR-1268-2	7.665	7.627	476.8E6	200.9E6	487.948	482.422
43)	L9 AR-1268-3	7.871	7.833	400.8E6	153.3E6	489.001	483.812
44)	L9 AR-1268-4	8.160	8.119	170.3E6	57551424	495.146	497.603
45)	L9 AR-1268-5	8.455	8.410	1091.8E6	351.5E6	491.711	485.093

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 21:52
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

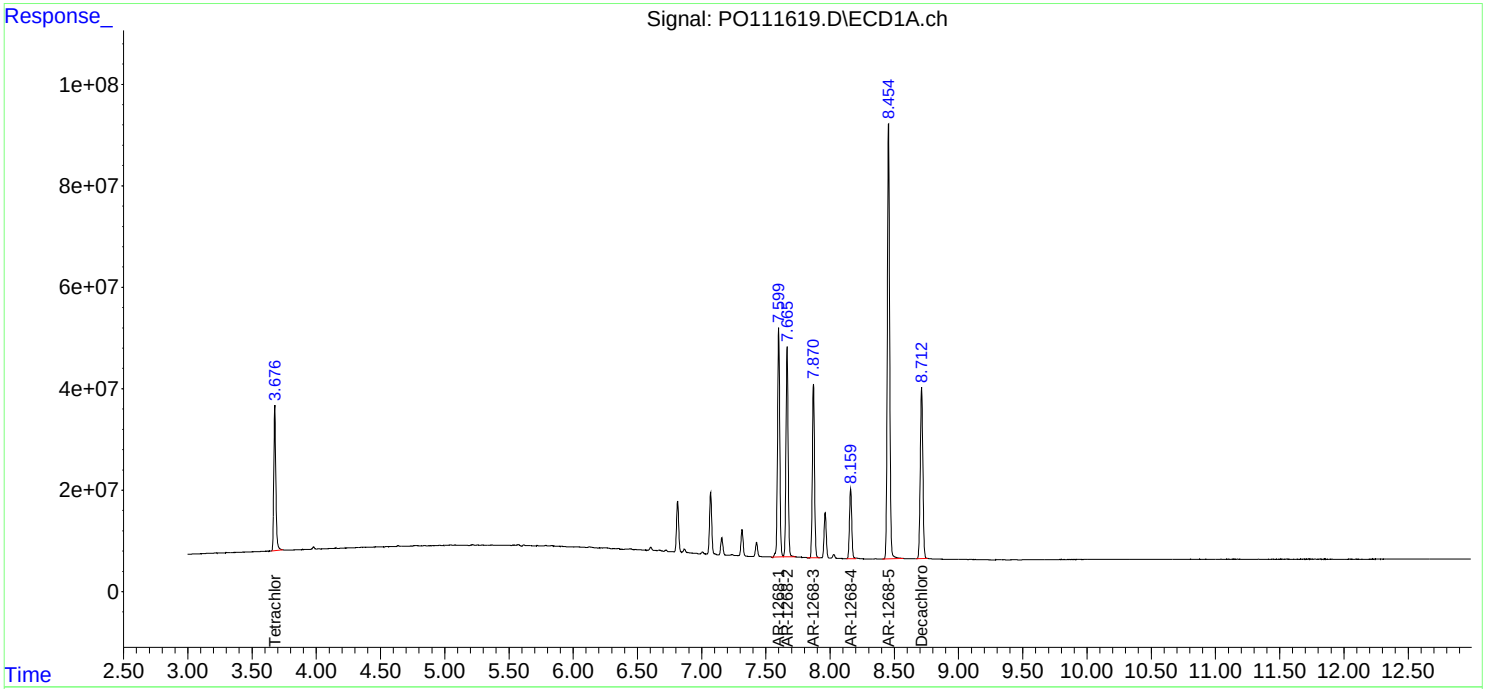
Instrument :
ECD_O
ClientSampleId :
ICVPO061125

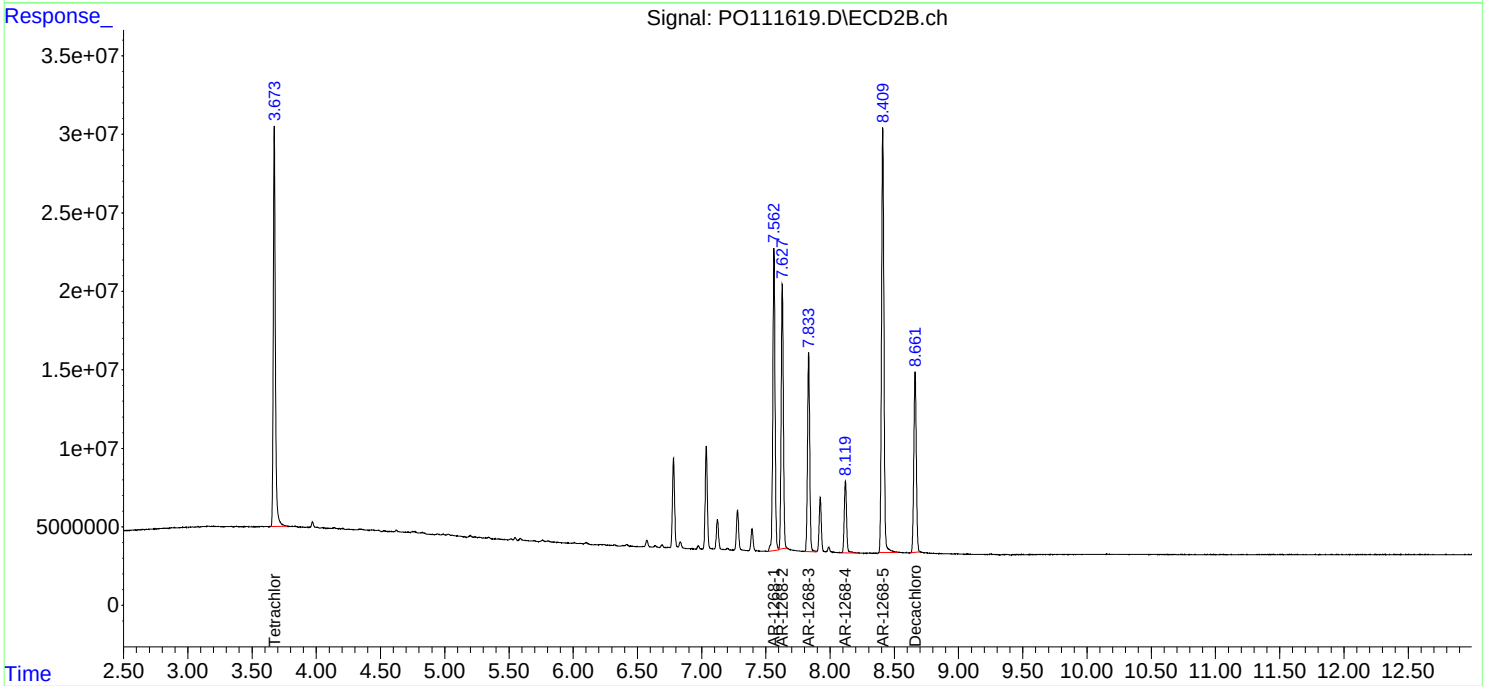
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/12/2025
Supervised By :mohammad ahmed 06/13/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 12 06:12:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 05:57:06 2025
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

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

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 19:37

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

LAB FILE ID: RT 1000 = PP072991.D RT 750 = PP072992.D

RT 500 = PP072993.D RT 250 = PP072994.D RT 050 = PP072995.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)	5.73	5.73	5.73	5.73	5.73	5.73	5.63	5.83
Aroclor-1016-4	(4)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1016-5	(5)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1260-1	(1)	7.24	7.24	7.24	7.24	7.24	7.24	7.14	7.34
Aroclor-1260-2	(2)	7.49	7.49	7.49	7.49	7.49	7.49	7.39	7.59
Aroclor-1260-3	(3)	7.85	7.85	7.85	7.85	7.85	7.85	7.75	7.95
Aroclor-1260-4	(4)	8.07	8.07	8.07	8.07	8.07	8.07	7.97	8.17
Aroclor-1260-5	(5)	8.39	8.39	8.39	8.39	8.39	8.39	8.29	8.49
Decachlorobiphenyl		10.19	10.19	10.19	10.19	10.19	10.19	10.09	10.29
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.50	4.49	4.39	4.59
Aroclor-1254-1	(1)	6.49	6.49	6.49	6.49	6.49	6.49	6.39	6.59
Aroclor-1254-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1254-3	(3)	7.07	7.07	7.07	7.07	7.07	7.07	6.97	7.17
Aroclor-1254-4	(4)	7.35	7.35	7.35	7.36	7.35	7.35	7.25	7.45
Aroclor-1254-5	(5)	7.77	7.77	7.77	7.77	7.77	7.77	7.67	7.87
Decachlorobiphenyl		10.19	10.19	10.19	10.19	10.19	10.19	10.09	10.29
Tetrachloro-m-xylene		4.49	4.49	4.49	4.49	4.49	4.49	4.39	4.59

Raw Data

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

RETENTION TIMES OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 19:37

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

LAB FILE ID: RT 1000 = PP072991.D RT 750 = PP072992.D

RT 500 = PP072993.D RT 250 = PP072994.D RT 050 = PP072995.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-2	(2)	4.89	4.89	4.89	4.89	4.89	4.89	4.79	4.99
Aroclor-1016-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.11	5.11	5.10	5.11	5.10	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Aroclor-1260-1	(1)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.69	6.69	6.69	6.69	6.69	6.69	6.59	6.79
Aroclor-1260-4	(4)	7.16	7.16	7.16	7.16	7.16	7.16	7.06	7.26
Aroclor-1260-5	(5)	7.40	7.40	7.40	7.40	7.40	7.40	7.30	7.50
Decachlorobiphenyl		8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1254-1	(1)	5.67	5.67	5.67	5.67	5.67	5.67	5.57	5.77
Aroclor-1254-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1254-3	(3)	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Aroclor-1254-4	(4)	6.45	6.45	6.45	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.86	6.86	6.86	6.87	6.86	6.86	6.76	6.96
Decachlorobiphenyl		8.80	8.80	8.80	8.80	8.80	8.80	8.70	8.90
Tetrachloro-m-xylene		3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 19:37

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

LAB FILE ID: **CF 1000 =** PP072991.D **CF 750 =** PP072992.D

CF 500 = PP072993.D **CF 250 =** PP072994.D **CF 050 =** PP072995.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63671603	67644257	70148492	76963128	84930220	72671540	12
Aroclor-1016-2	(2)	97440661	102354848	107008936	114458460	98840440	104020669	7
Aroclor-1016-3	(3)	59983524	63267185	65041372	73554480	64895380	65348388	8
Aroclor-1016-4	(4)	50589003	52912481	54400336	56287652	47214800	52280854	7
Aroclor-1016-5	(5)	46240143	47840919	49349310	51433860	55161280	50005102	7
Aroclor-1260-1	(1)	82538787	86792979	90284630	94211564	87238820	88213356	5
Aroclor-1260-2	(2)	125600539	132072107	137363486	143645412	140737120	135883733	5
Aroclor-1260-3	(3)	106201830	111185451	115341698	120182220	117849880	114152216	5
Aroclor-1260-4	(4)	98670506	102821608	101520658	108282220	103932620	103045522	3
Aroclor-1260-5	(5)	227637841	236485680	245198018	255372264	238418920	240622545	4
Decachlorobiphenyl		1620648950	1677444467	1749703060	1784234960	1712434400	1708893167	4
Tetrachloro-m-xylene		1977356170	2059482187	2109826840	2243117400	2164249200	2110806359	5
Aroclor-1254-1	(1)	73763285	78885443	81757104	88891384	97572240	84173891	11
Aroclor-1254-2	(2)	111451506	118674340	123357828	133620984	139899720	125400876	9
Aroclor-1254-3	(3)	119235877	126285657	130365552	141133040	139034740	131210973	7
Aroclor-1254-4	(4)	108754762	114515340	117946542	128101128	129602040	119783962	7
Aroclor-1254-5	(5)	106940669	112254864	115991910	123909512	112185340	114256459	6
Decachlorobiphenyl		1648218000	1739306053	1775656020	1935470960	1659491600	1751628527	7
Tetrachloro-m-xylene		1872735760	1960277133	2019595300	2159825040	2074265000	2017339647	5

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Instrument ID: ECD_P **Calibration Date(s):** 06/17/2025 06/17/2025

Calibration Times: 10:04 19:37

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

LAB FILE ID: **CF 1000 =** PP072991.D **CF 750 =** PP072992.D

CF 500 = PP072993.D **CF 250 =** PP072994.D **CF 050 =** PP072995.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	58734267	64000205	67674152	72695560	80484240	68717685	12
Aroclor-1016-2	(2)	90382349	94344453	98038690	104433472	115993580	100638509	10
Aroclor-1016-3	(3)	48136215	50748025	53595712	56975444	64125620	54716203	11
Aroclor-1016-4	(4)	38107893	40907291	43245840	46954372	53532680	44549615	13
Aroclor-1016-5	(5)	49203503	51615780	54910048	58505108	62177080	55282304	9
Aroclor-1260-1	(1)	84892100	88579871	95448406	100236824	104495860	94730612	9
Aroclor-1260-2	(2)	105588352	108160505	115763440	121715240	130953840	116436275	9
Aroclor-1260-3	(3)	96095206	97763095	104346708	109521728	113078520	104161051	7
Aroclor-1260-4	(4)	77788306	79915727	86740682	92092068	102155800	87738517	11
Aroclor-1260-5	(5)	196041650	198840268	209548214	218270728	244301260	213400424	9
Decachlorobiphenyl		1225771100	1248497173	1342901640	1435827000	1420581600	1334715703	7
Tetrachloro-m-xylene		1662896120	1767446653	1788437460	1893713440	1896490200	1801796775	5
Aroclor-1254-1	(1)	94131500	102369100	108358230	120483728	122907600	109650032	11
Aroclor-1254-2	(2)	80645865	88030495	92596756	103733056	107725280	94546290	12
Aroclor-1254-3	(3)	128776319	138178049	147317104	161124892	162339800	147547233	10
Aroclor-1254-4	(4)	83562949	90268741	96675708	106896836	108101020	97101051	11
Aroclor-1254-5	(5)	116424396	122854644	129598642	142067368	138868340	129962678	8
Decachlorobiphenyl		1234350420	1314370427	1354328000	1438665160	1427909200	1353924641	6
Tetrachloro-m-xylene		1670033590	1775346533	1836392320	1937020080	1788575000	1801473505	5

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:04
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: Jun 17 11:00:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
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...	4.494	3.788	197.7E6	166.3E6	96.759	96.363
2)	SA Decachlor...	10.188	8.798	162.1E6	122.6E6	96.171	95.440
	Target Compounds						
3)	L1 AR-1016-1	5.645	4.869	63671603	58734267	951.600	929.278
4)	L1 AR-1016-2	5.667	4.886	97440661	90382349	953.200	959.366
5)	L1 AR-1016-3	5.729	5.063	59983524	48136215	959.545	946.334
6)	L1 AR-1016-4	5.826	5.105	50589003	38107893	963.698	936.844
7)	L1 AR-1016-5	6.119	5.319	46240143	49203503	967.474	945.189
31)	L7 AR-1260-1	7.236	6.350	82538787	84892100	955.181	941.465
32)	L7 AR-1260-2	7.490	6.540	125.6E6	105.6E6	955.268	954.032
33)	L7 AR-1260-3	7.848	6.691	106.2E6	96095206	958.745	958.833
34)	L7 AR-1260-4	8.072	7.161	98670506	77788306	985.763	945.588
35)	L7 AR-1260-5	8.389	7.403	227.6E6	196.0E6	962.862	966.699

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

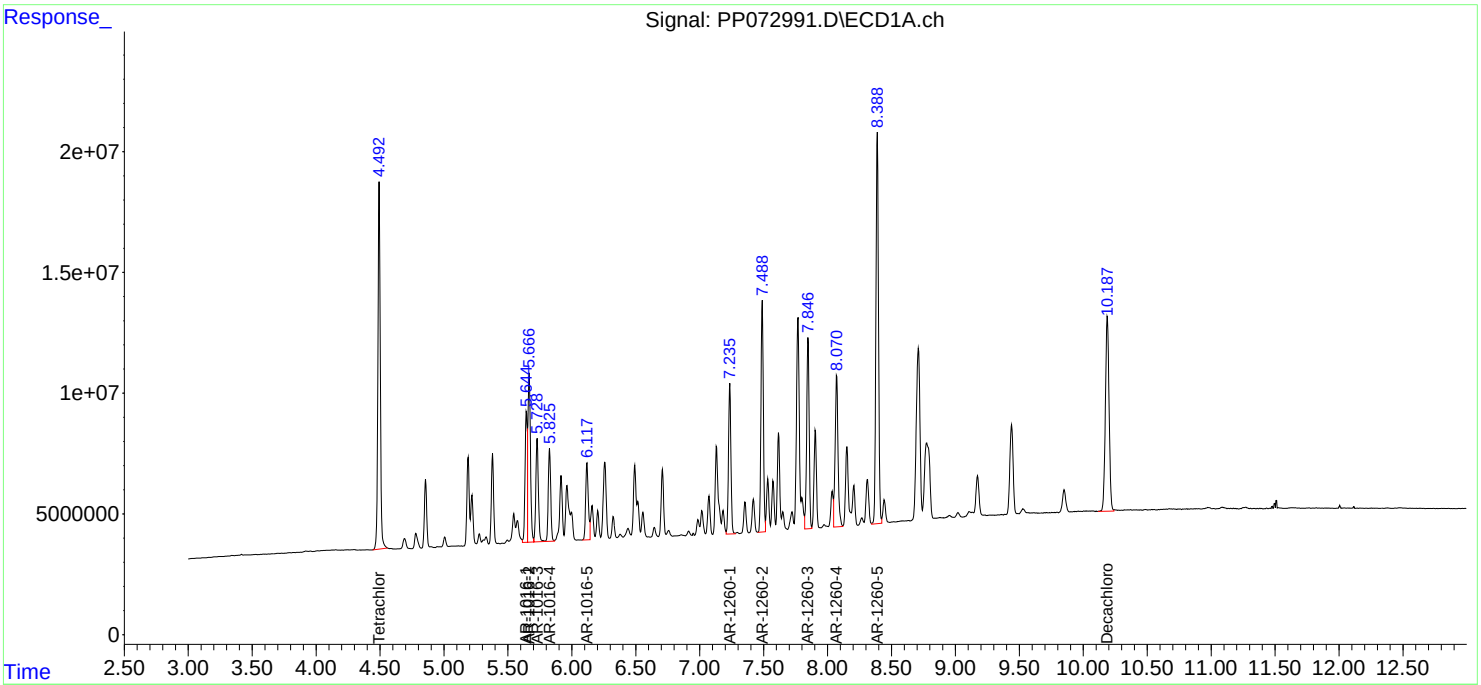
ICAL Form

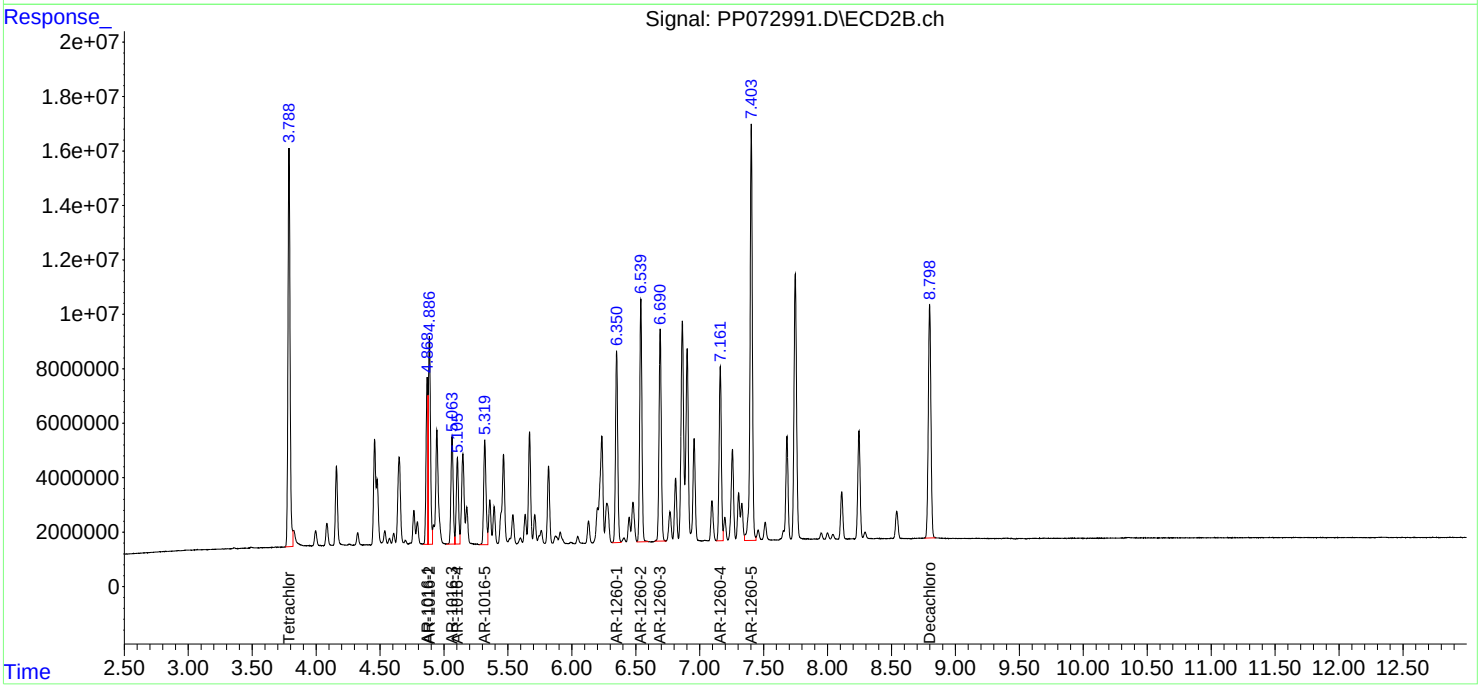
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:04
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:00:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
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\PP061725\
Data File : PP072992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:20
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: Jun 17 11:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
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...	4.493	3.788	154.5E6	132.6E6	75.388	76.201
2)	SA Decachlor...	10.187	8.799	125.8E6	93637288	74.770	73.592
	Target Compounds						
3)	L1 AR-1016-1	5.645	4.868	50733193	48000154	755.467	756.271
4)	L1 AR-1016-2	5.666	4.886	76766136	70758340	750.636	750.710
5)	L1 AR-1016-3	5.728	5.063	47450389	38061019	756.013	748.840
6)	L1 AR-1016-4	5.826	5.105	39684361	30680468	753.969	752.827
7)	L1 AR-1016-5	6.118	5.319	35880689	38711835	750.483	745.752
31)	L7 AR-1260-1	7.235	6.350	65094734	66434903	752.203	741.129
32)	L7 AR-1260-2	7.489	6.539	99054080	81120379	752.241	738.549
33)	L7 AR-1260-3	7.846	6.690	83389088	73322321	751.865	737.637
34)	L7 AR-1260-4	8.070	7.161	77116206	59936795	763.495	735.587
35)	L7 AR-1260-5	8.388	7.402	177.4E6	149.1E6	750.143	740.186

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

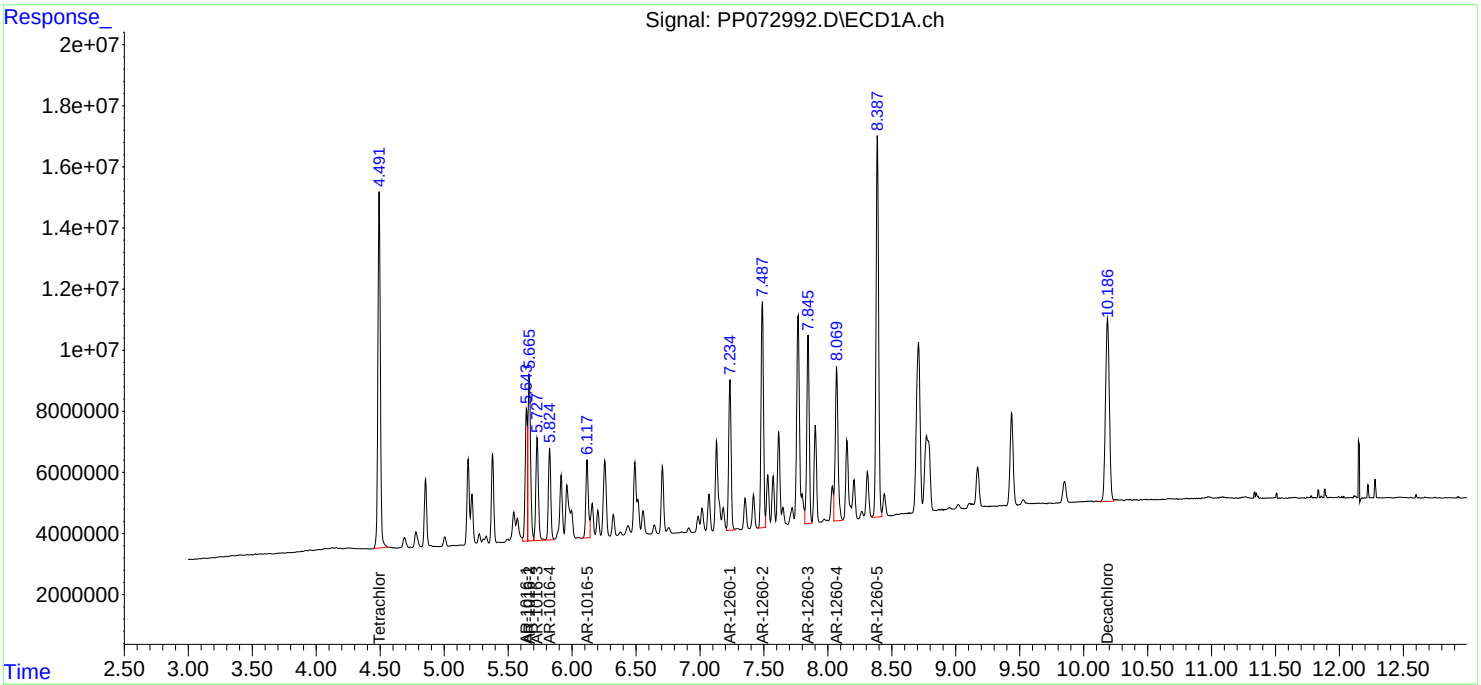
ICAL Form

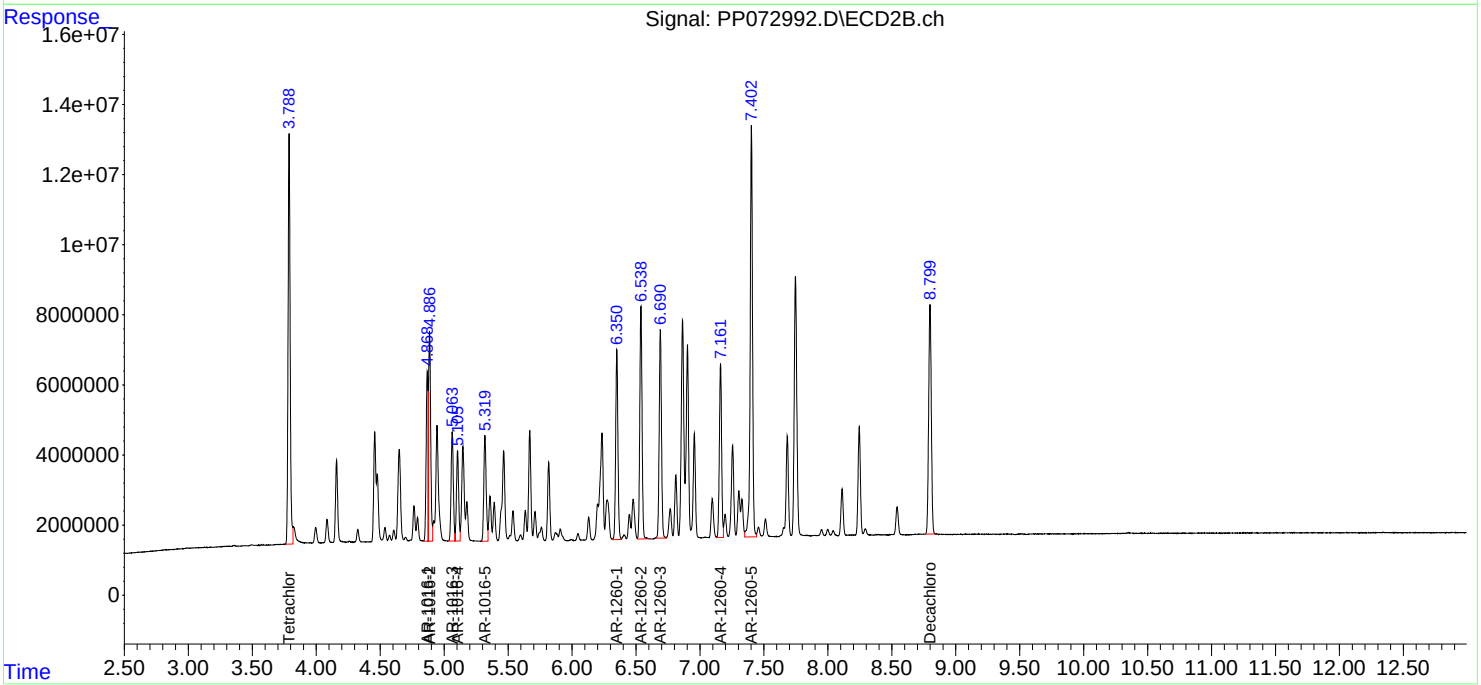
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:20
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
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





ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:37
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: Jun 17 10:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
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...	4.494	3.788	105.5E6	89421873	50.000	50.000
2)	SA Decachlor...	10.187	8.797	87485153	67145082	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.646	4.868	35074246	33837076	500.000	500.000
4)	L1 AR-1016-2	5.667	4.886	53504468	49019345	500.000	500.000
5)	L1 AR-1016-3	5.729	5.062	32520686	26797856	500.000	500.000
6)	L1 AR-1016-4	5.827	5.104	27200168	21622920	500.000	500.000
7)	L1 AR-1016-5	6.119	5.318	24674655	27455024	500.000	500.000
31)	L7 AR-1260-1	7.236	6.349	45142315	47724203	500.000	500.000
32)	L7 AR-1260-2	7.489	6.538	68681743	57881720	500.000	500.000
33)	L7 AR-1260-3	7.847	6.689	57670849	52173354	500.000	500.000
34)	L7 AR-1260-4	8.071	7.160	50760329	43370341	500.000	500.000
35)	L7 AR-1260-5	8.388	7.402	122.6E6	104.8E6	500.000	500.000

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

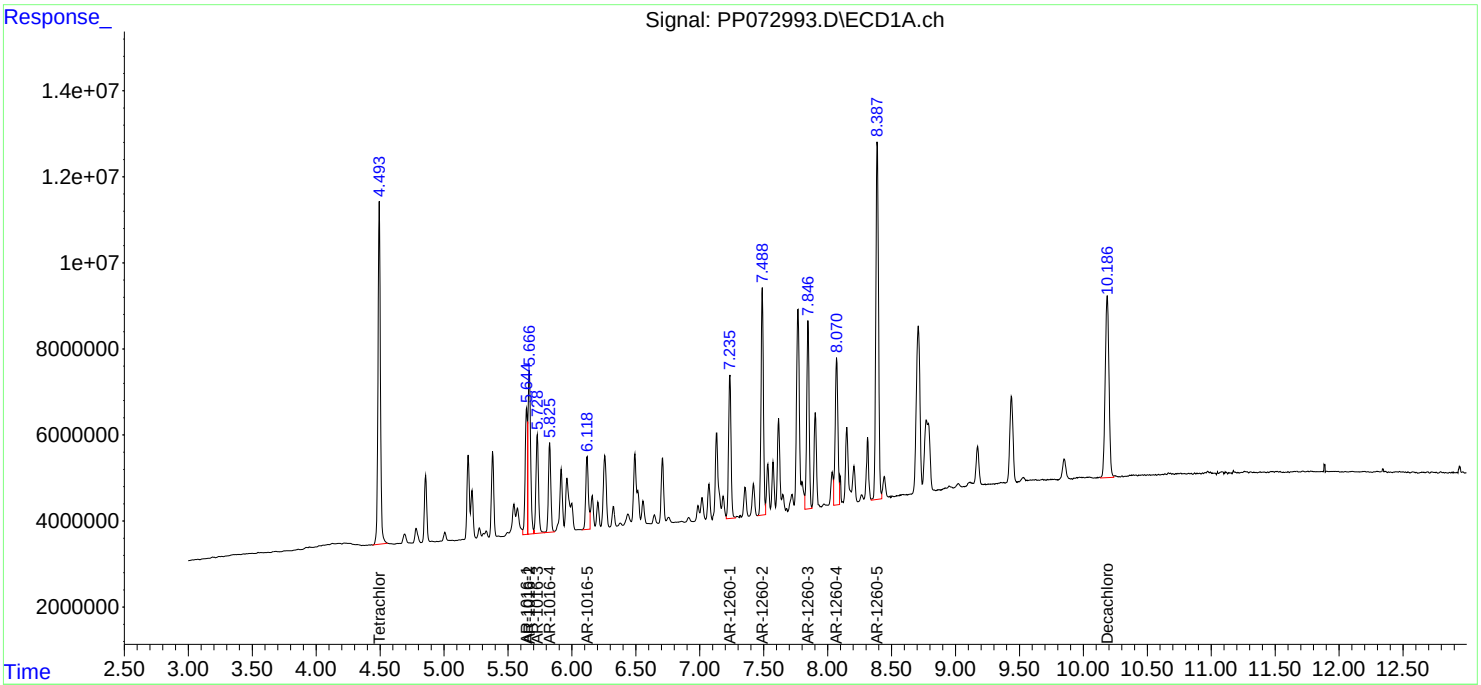
ICAL Form

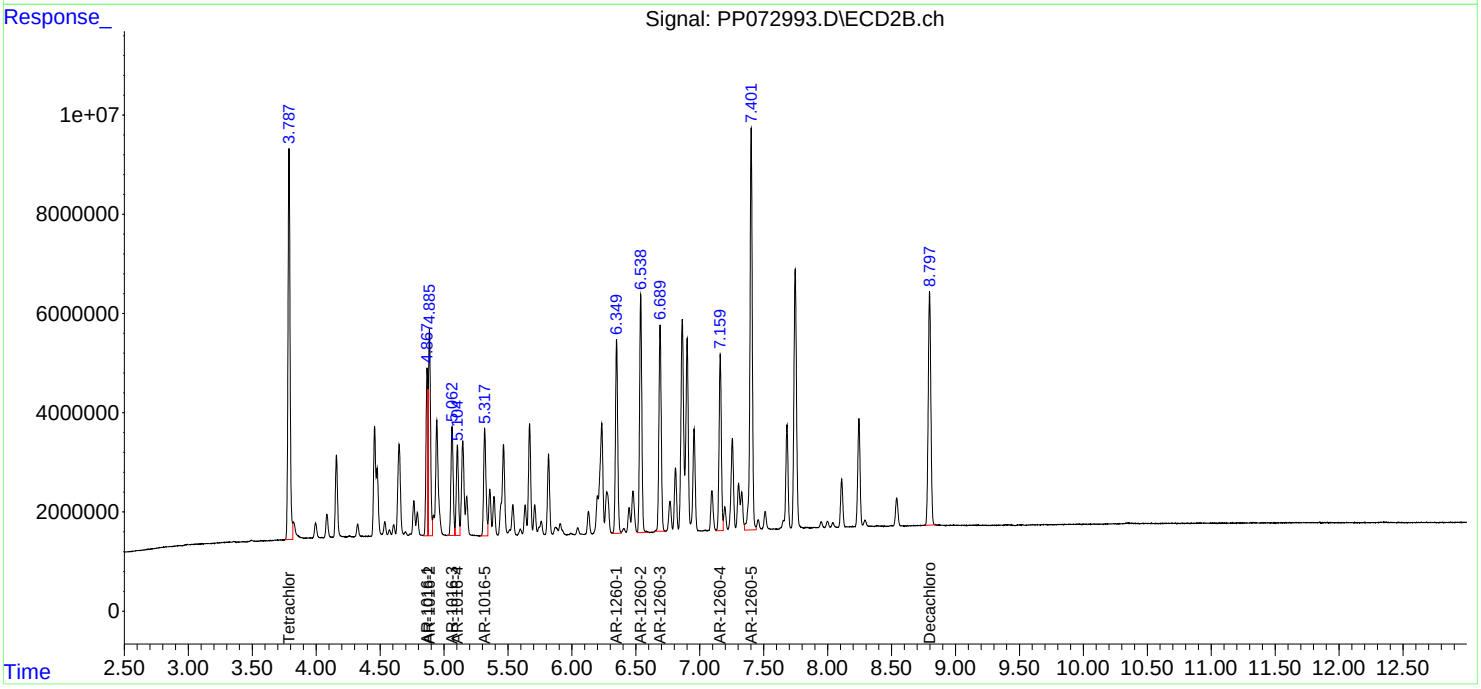
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:37
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 10:57:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 10:53:56 2025
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\PP061725\
Data File : PP072994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:53
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:20:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:20:50 2025
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...	4.494	3.789	56077935	47342836	26.736	26.625
2)	SA Decachlor...	10.186	8.799	44605874	35895675	26.136m	27.333
	Target Compounds						
3)	L1 AR-1016-1	5.646	4.869	19240782	18173890	276.421	276.300
4)	L1 AR-1016-2	5.667	4.887	28614615	26108368	271.703	269.715
5)	L1 AR-1016-3	5.730	5.064	18388620	14243861	280.907	272.017
6)	L1 AR-1016-4	5.827	5.106	14071913	11738593	262.794	277.483
7)	L1 AR-1016-5	6.119	5.320	12858465	14626277	263.947	273.089
31)	L7 AR-1260-1	7.236	6.350	23552891	25059206	266.264	271.529
32)	L7 AR-1260-2	7.489	6.540	35911353	30428810	266.661	269.742
33)	L7 AR-1260-3	7.847	6.691	30045555	27380432	265.355	268.616
34)	L7 AR-1260-4	8.071	7.161	27070555	23023017	263.271	273.646
35)	L7 AR-1260-5	8.389	7.403	63843066	54567682	264.718	265.310

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 10:53
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

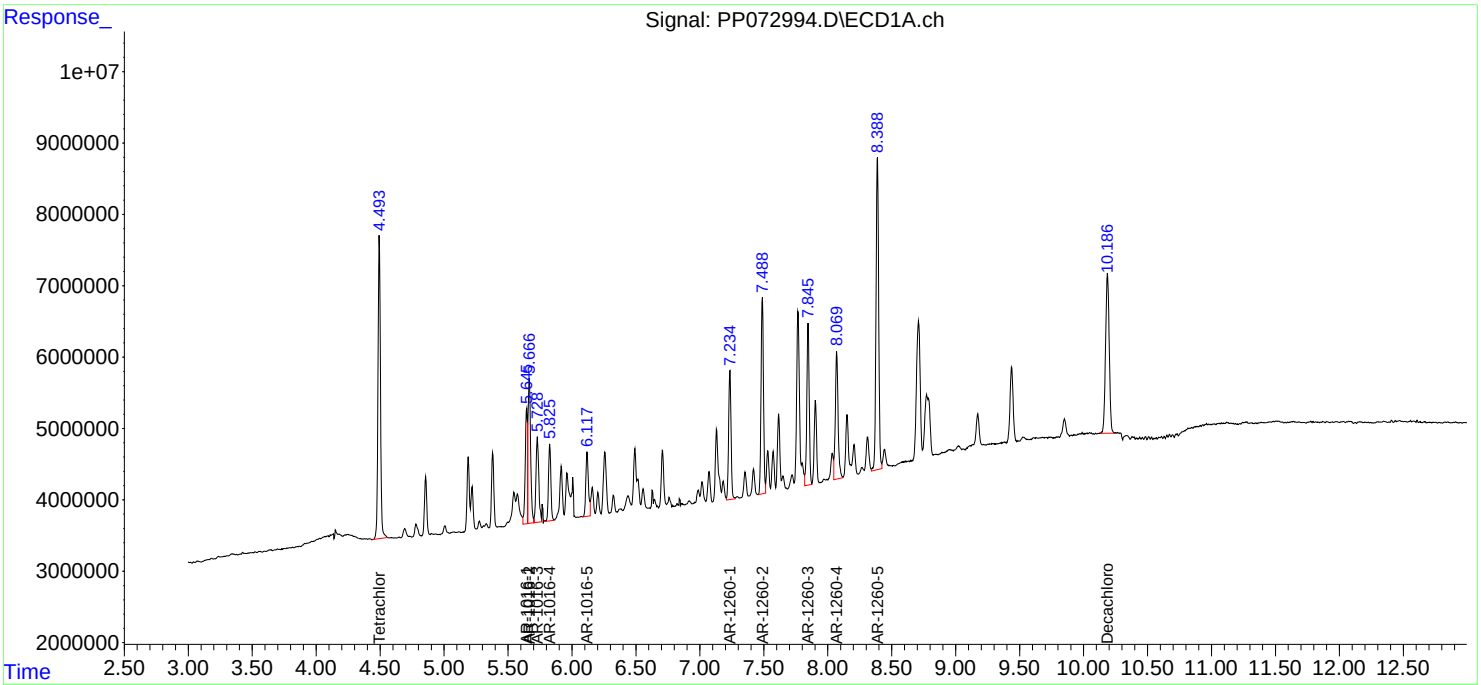
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

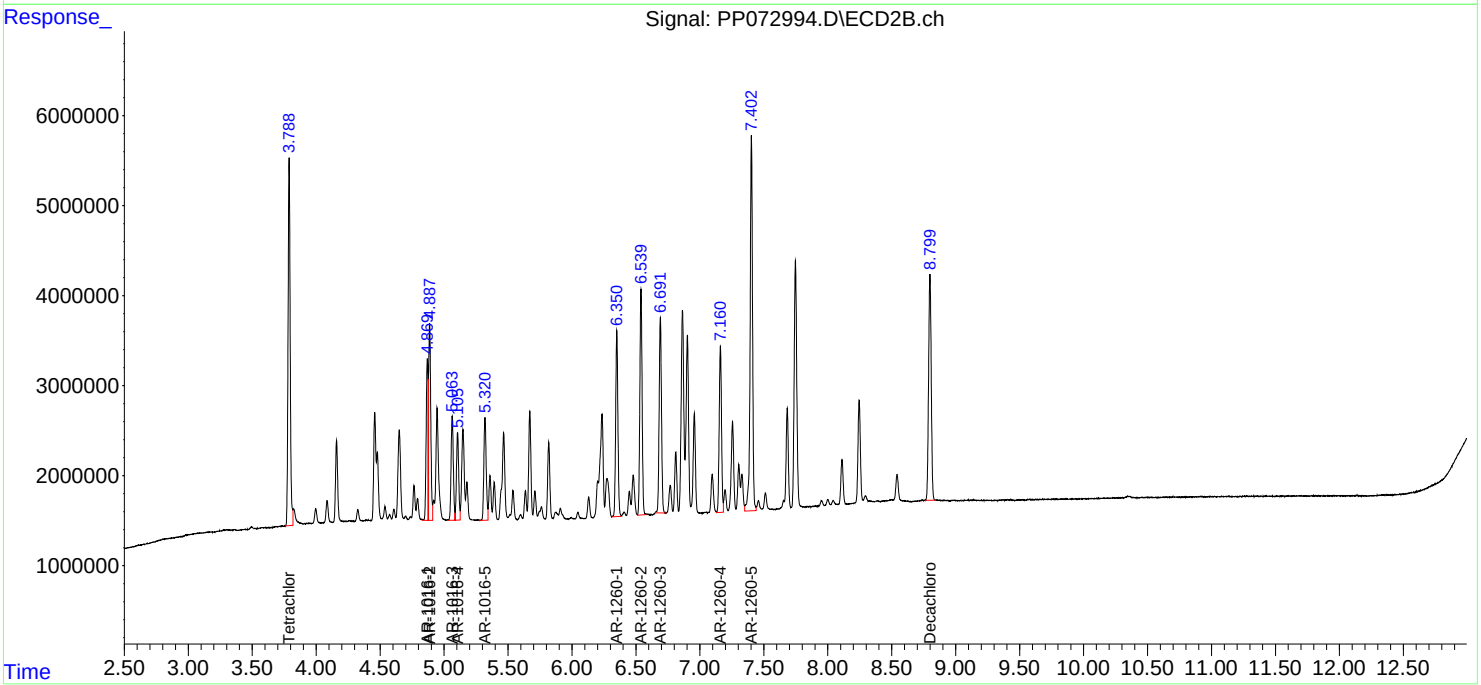
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:20:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:20:50 2025
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\PP061725\
Data File : PP072995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 11:43
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:56:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:56:03 2025
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...	4.495	3.788	10821246	9482451	5.127	5.263
2)	SA Decachlor...	10.189	8.798	8562172	7102908	5.010	5.322
	Target Compounds						
3)	L1 AR-1016-1	5.645	4.868	4246511	4024212	62.151m	58.562
4)	L1 AR-1016-2	5.666	4.886	4942022	5799679	47.639m	57.629
5)	L1 AR-1016-3	5.728	5.063	3244769	3206281	50.121m	58.598
6)	L1 AR-1016-4	5.826	5.104	2360740	2676634	43.583m	60.082 #
7)	L1 AR-1016-5	6.115	5.318	2758064	3108854	54.566m	56.236
31)	L7 AR-1260-1	7.237	6.349	4361941	5224793	49.448	55.154
32)	L7 AR-1260-2	7.490	6.539	7036856	6547692	51.786	56.234
33)	L7 AR-1260-3	7.848	6.690	5892494	5653926	51.620	54.281
34)	L7 AR-1260-4	8.072	7.160	5196631	5107790	50.430	58.216
35)	L7 AR-1260-5	8.390	7.403	11920946	12215063	49.542	57.240

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

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 11:43
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

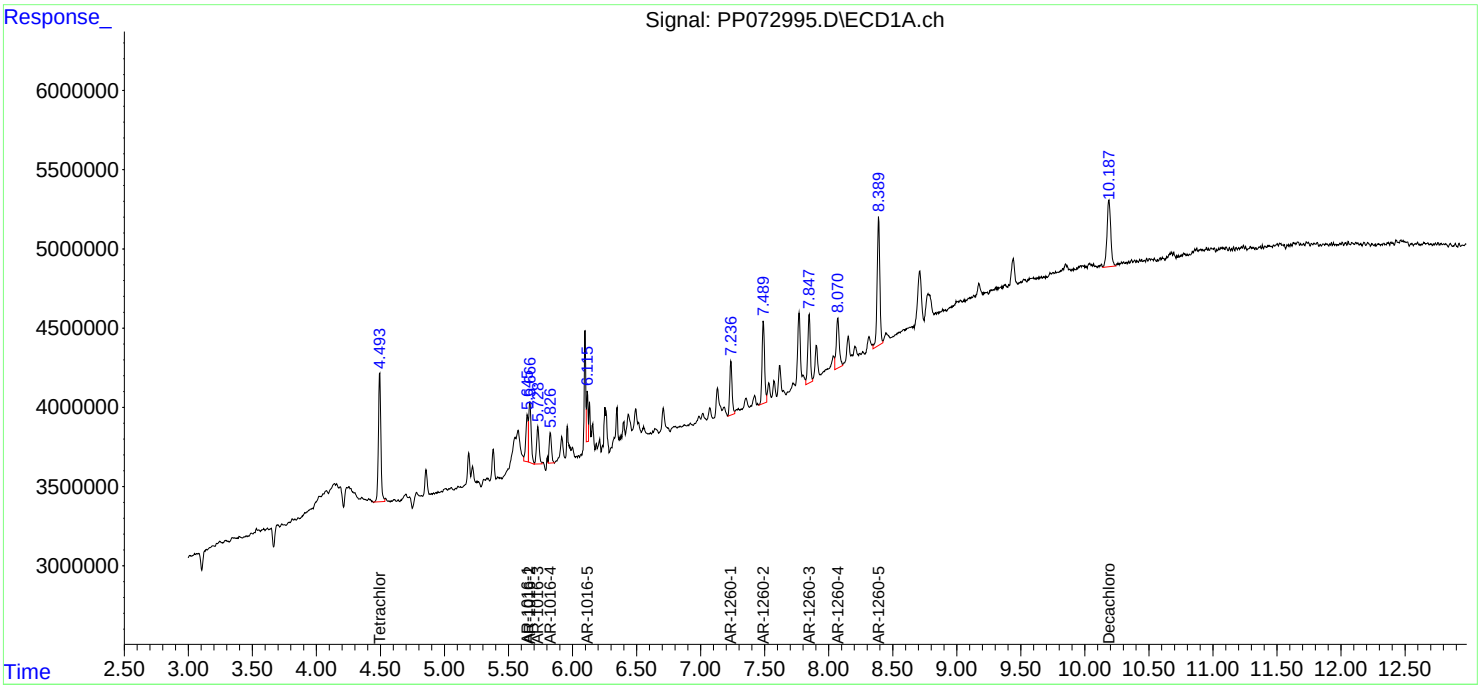
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

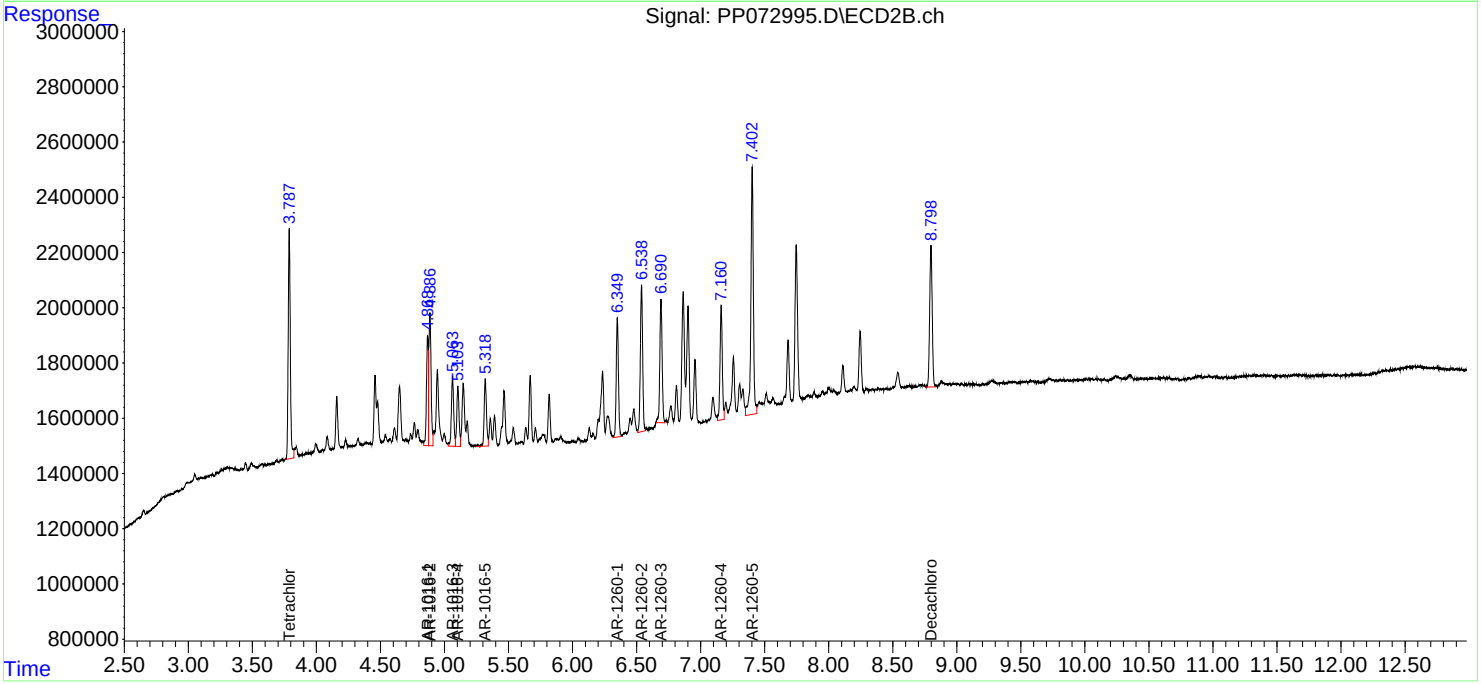
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 11:56:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 11:56:03 2025
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\PP061725\
Data File : PP072996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:00
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: Jun 17 12:10:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 12:10:37 2025
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...	4.492	3.789	105.4E6	89112454	50.000	50.000
2)	SA Decachlor...	10.184	8.799	91904027	64667778	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.693	3.998	12329631	13436222	500.000	500.000
9)	L2 AR-1221-2	4.779	4.085	10089531	10092717	500.000	500.000
10)	L2 AR-1221-3	4.854	4.160	30775714	29365987	500.000	500.000

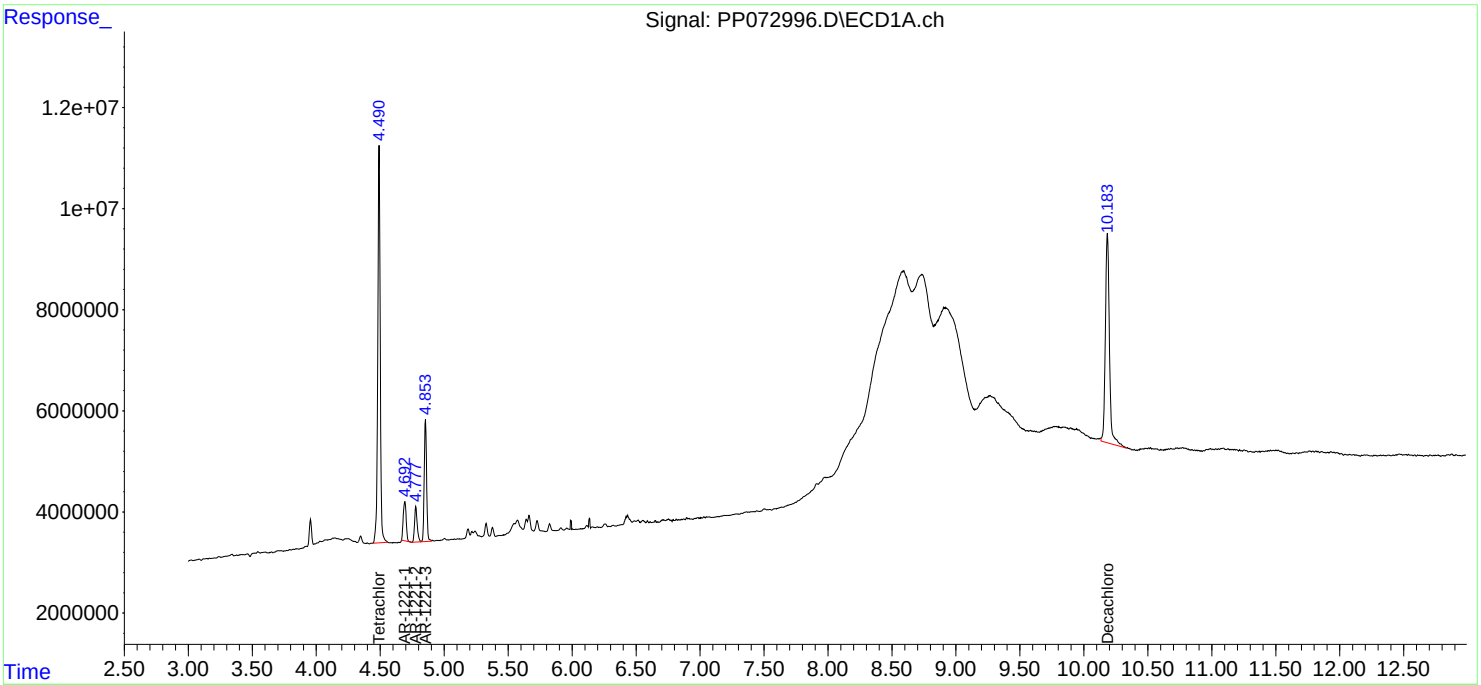
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

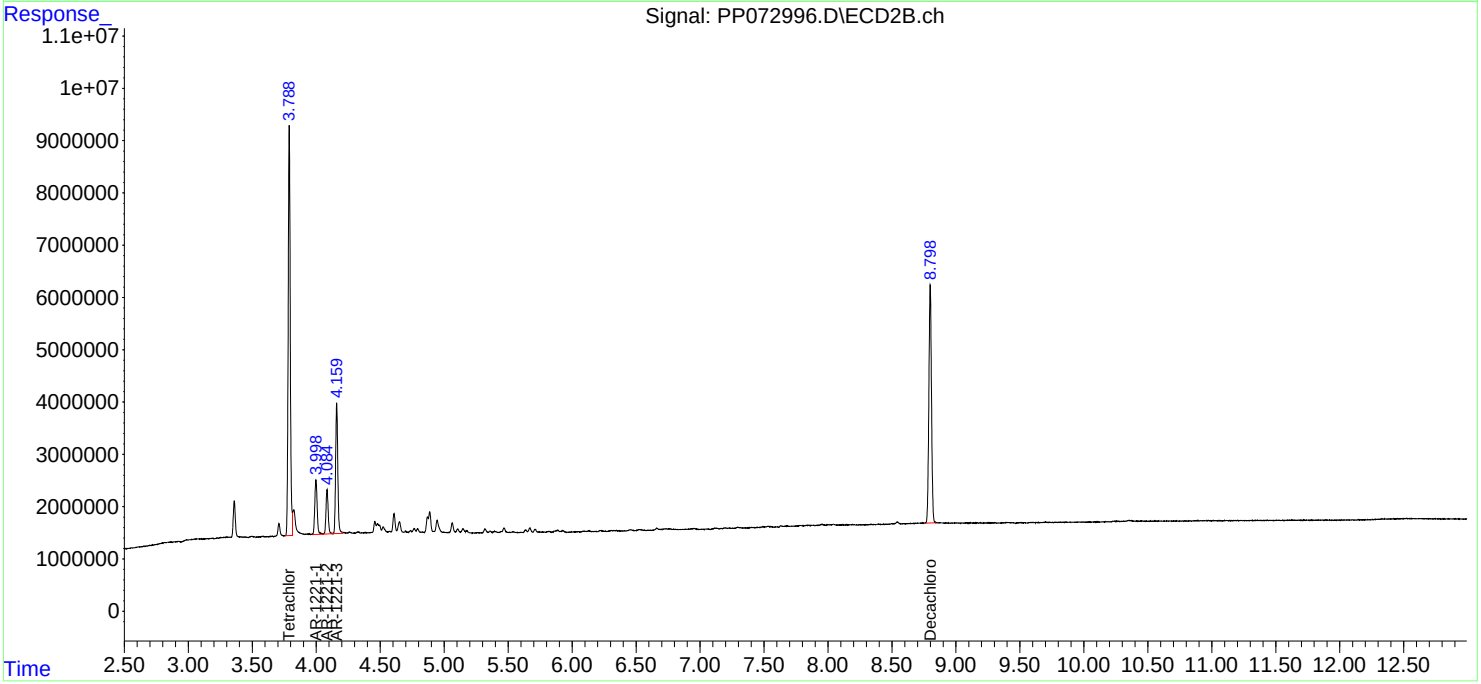
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:00
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 12:10:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 12:10:37 2025
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\PP061725\
Data File : PP072997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:16
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: Jun 18 07:24:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 07:18:32 2025
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...	4.496	3.788	101.1E6	83983615	50.000	50.000
2)	SA Decachlor...	10.190	8.799	85193704	65915026	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.859	4.159	23478120	22782362	500.000	500.000
12)	L3 AR-1232-2	5.383	4.886	11184939	23129931	500.000	500.000
13)	L3 AR-1232-3	5.669	5.063	25798795	12278957	500.000	500.000
14)	L3 AR-1232-4	5.829	5.147	12905204	10812587	500.000	500.000
15)	L3 AR-1232-5	5.920	5.318	17835091	11429441	500.000	500.000

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

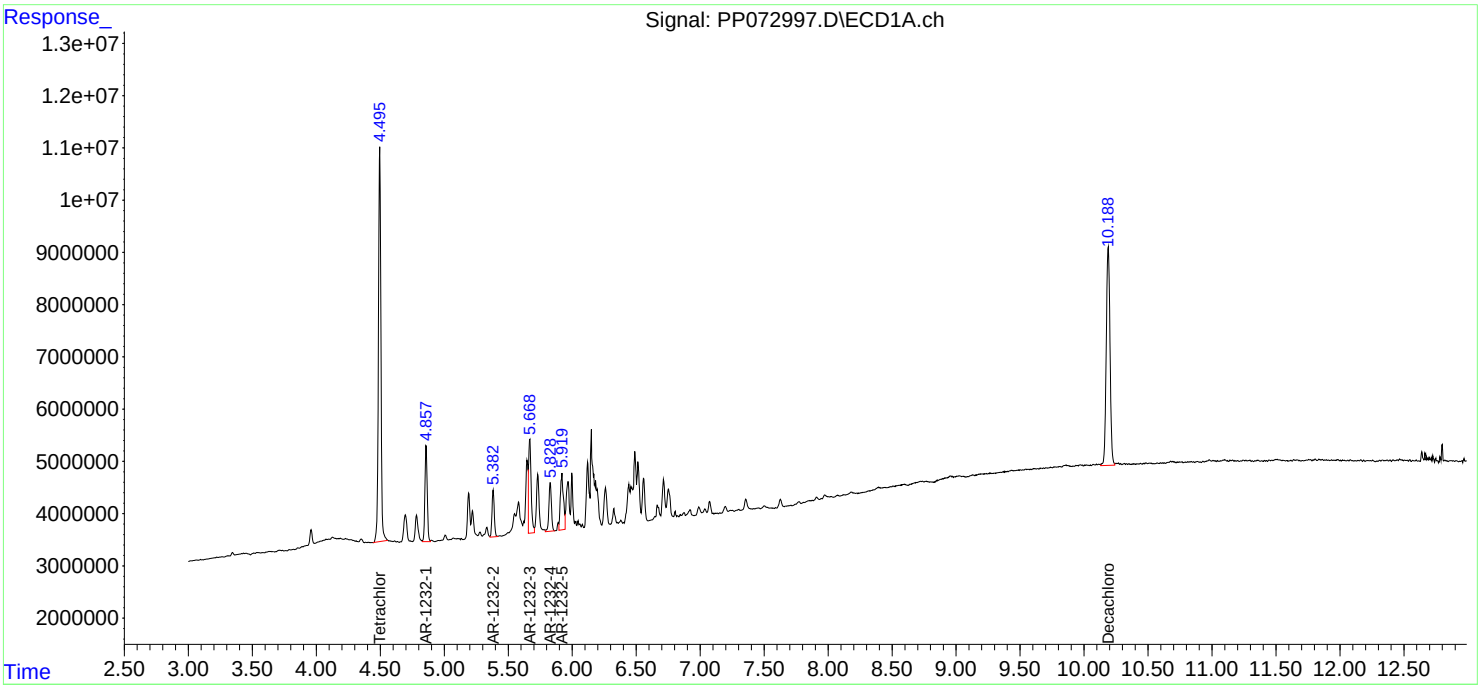
ICAL Form

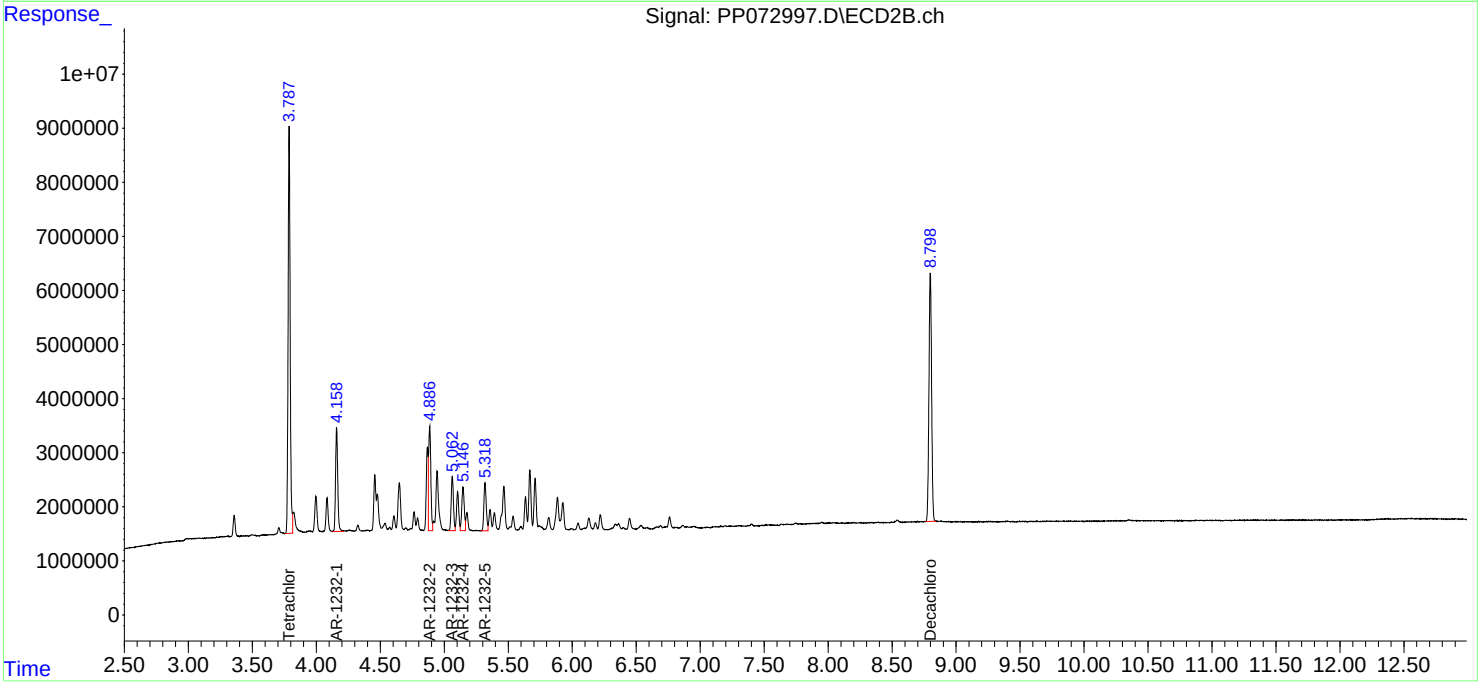
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 12:16
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 07:24:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 07:18:32 2025
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\PP061725\
Data File : PP072998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:27
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: Jun 17 15:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
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...	4.494	3.788	188.9E6	168.4E6	97.731	97.114
2)	SA Decachlor...	10.187	8.798	161.2E6	120.5E6	96.619	96.955
	Target Compounds						
16)	L4 AR-1242-1	5.645	4.869	54005130	50070930	969.338	958.164
17)	L4 AR-1242-2	5.668	4.887	81931377	73623300	963.667	961.812
18)	L4 AR-1242-3	5.729	5.063	50398728	39446084	968.796	957.101
19)	L4 AR-1242-4	5.827	5.148	42240385	37721961	975.983	956.096
20)	L4 AR-1242-5	6.556	5.669	45003164	49158591	976.258	963.930

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

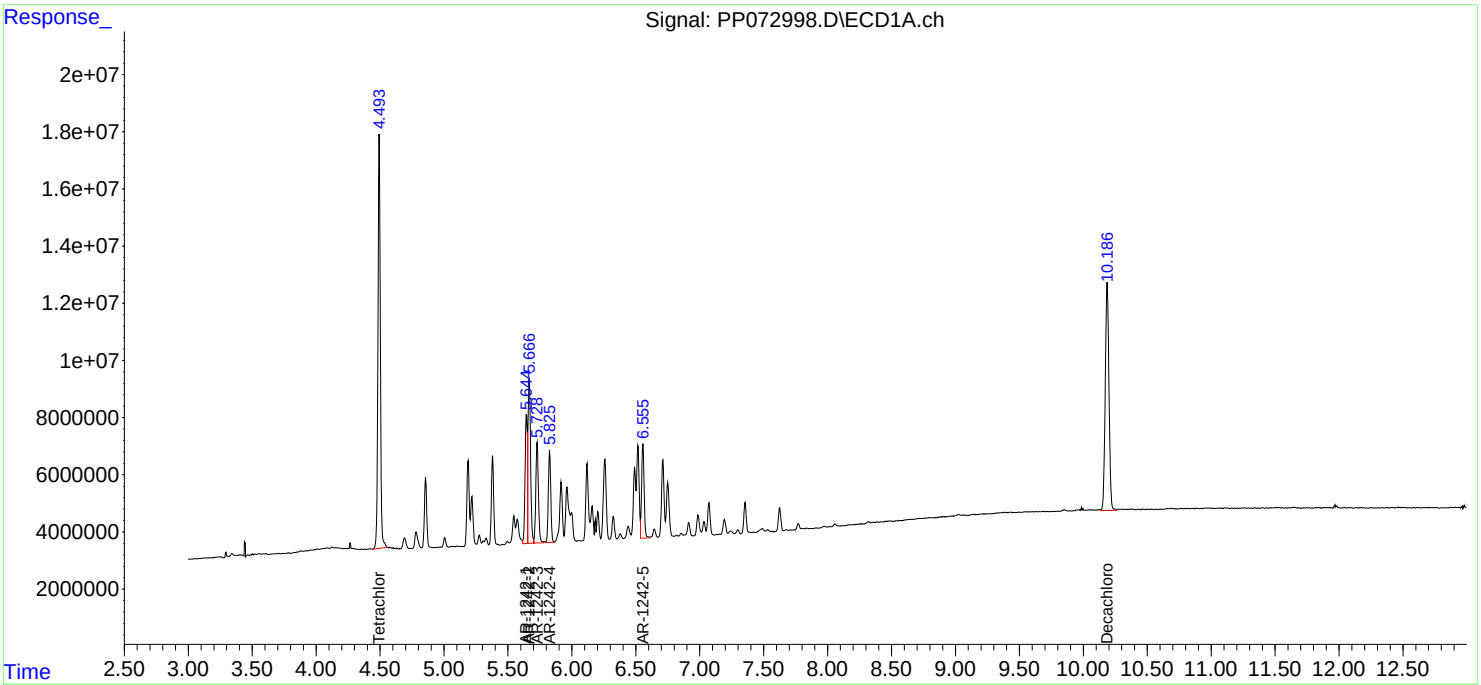
ICAL Form

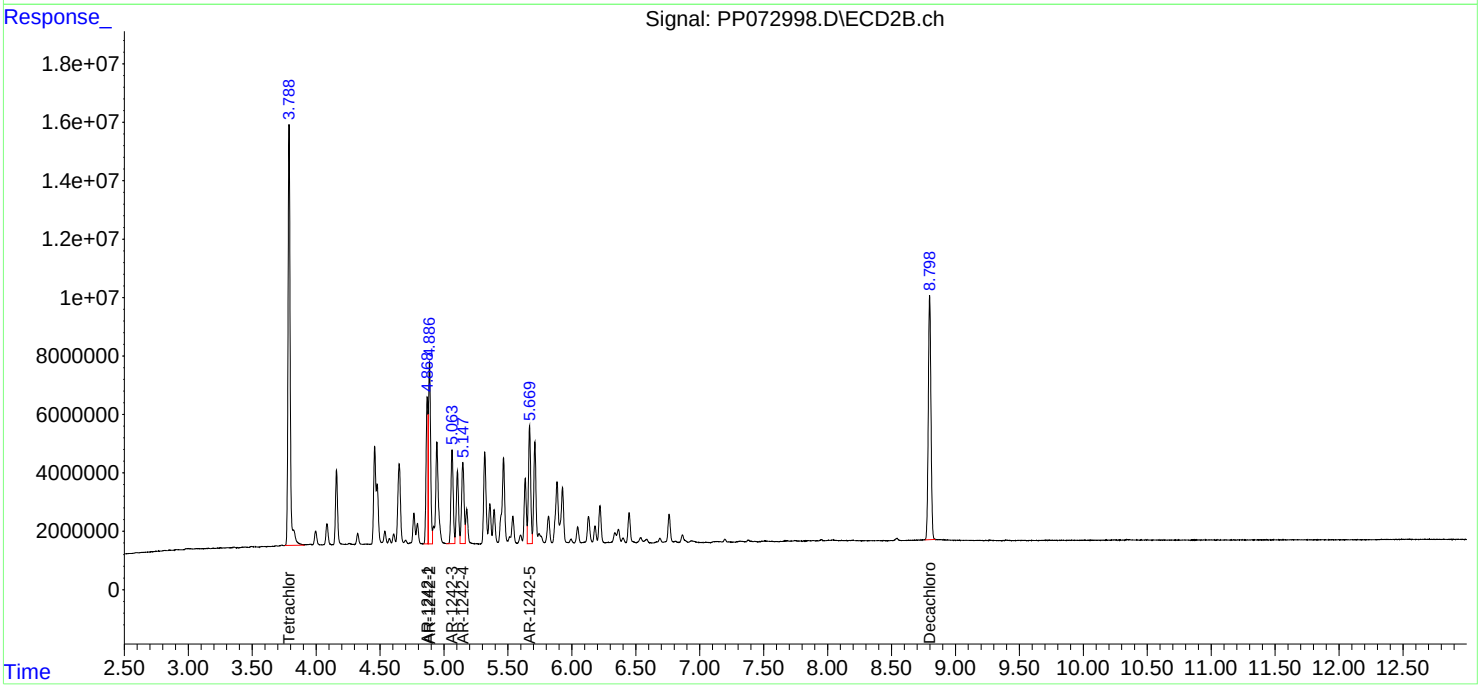
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:27
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:22:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
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\PP061725\
Data File : PP072999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:43
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: Jun 17 15:25:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
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...	4.492	3.787	137.5E6	115.8E6	72.386	69.338
2)	SA Decachlor...	10.185	8.798	122.1E6	91960552	73.762	74.308
	Target Compounds						
16)	L4 AR-1242-1	5.643	4.868	40884461	37162068	739.146	723.637
17)	L4 AR-1242-2	5.665	4.886	59712300	53619733	717.531	716.248
18)	L4 AR-1242-3	5.727	5.062	36335142	28712163	714.832	713.576
19)	L4 AR-1242-4	5.824	5.146	31282678	27419249	731.645	712.390
20)	L4 AR-1242-5	6.554	5.668	34479169	35192329	748.639	708.955

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

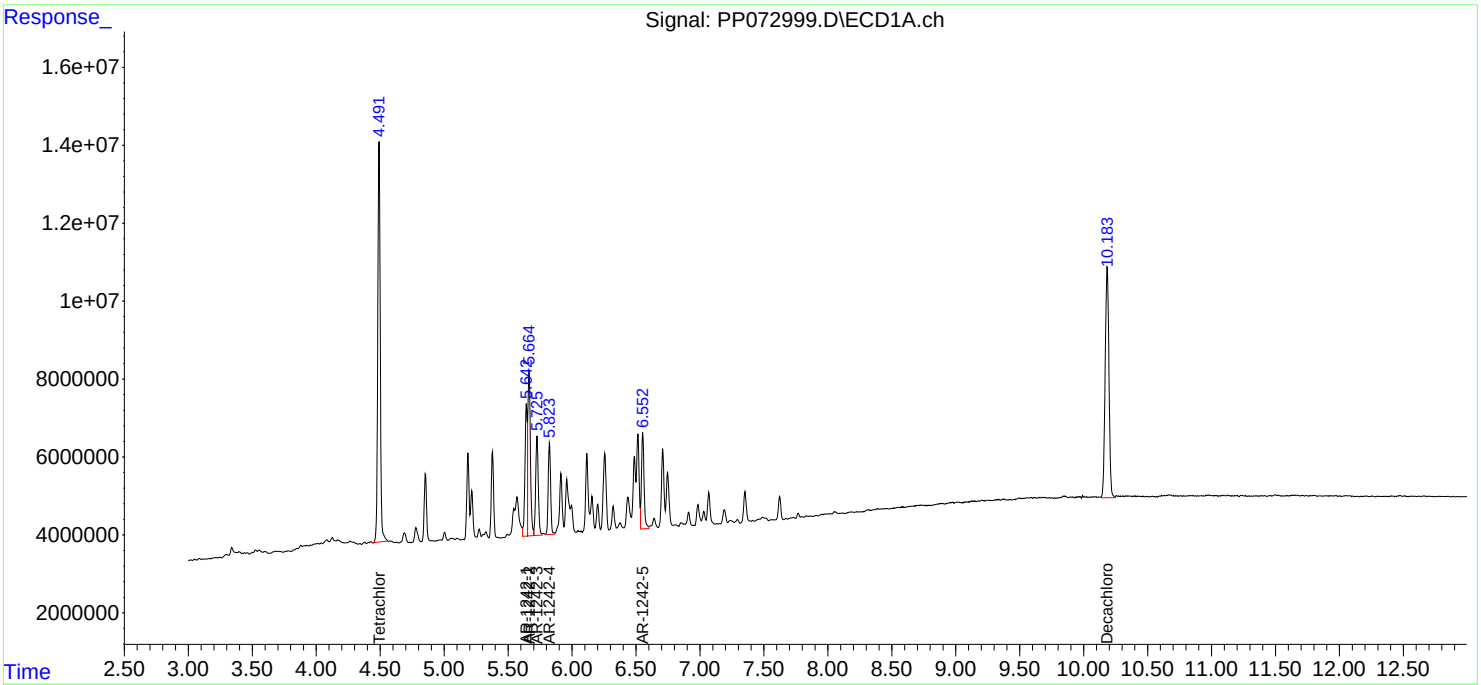
ICAL Form

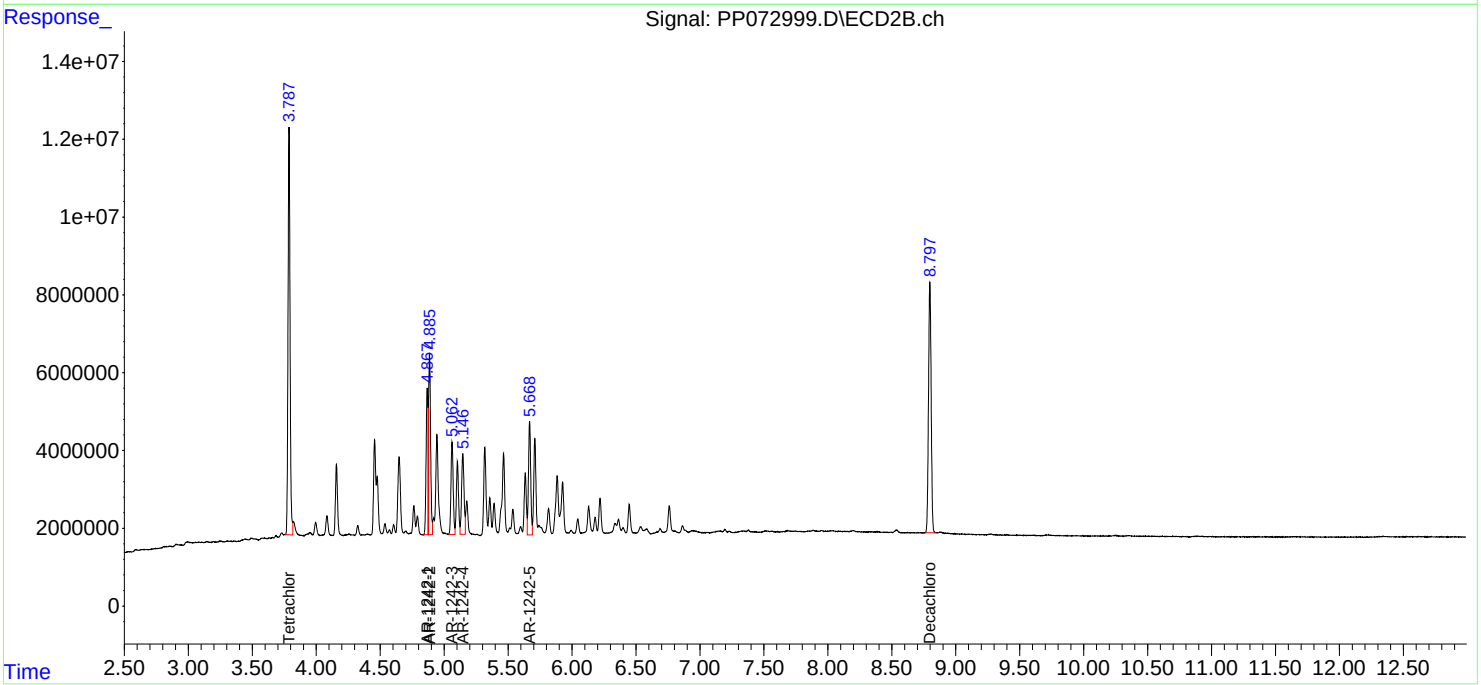
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 14:43
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:25:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
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\PP061725\
Data File : PP073000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:00
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: Jun 17 15:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
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...	4.493	3.786	98822739	89179312	50.000	50.000
2)	SA Decachlor...	10.186	8.796	86267061	64056413	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.644	4.867	28710827	27221721	500.000	500.000
17)	L4 AR-1242-2	5.666	4.885	44054757	39734806	500.000	500.000
18)	L4 AR-1242-3	5.728	5.062	26822656	21491069	500.000	500.000
19)	L4 AR-1242-4	5.825	5.145	22159635	20593183	500.000	500.000
20)	L4 AR-1242-5	6.555	5.668	23596012	26418771	500.000	500.000

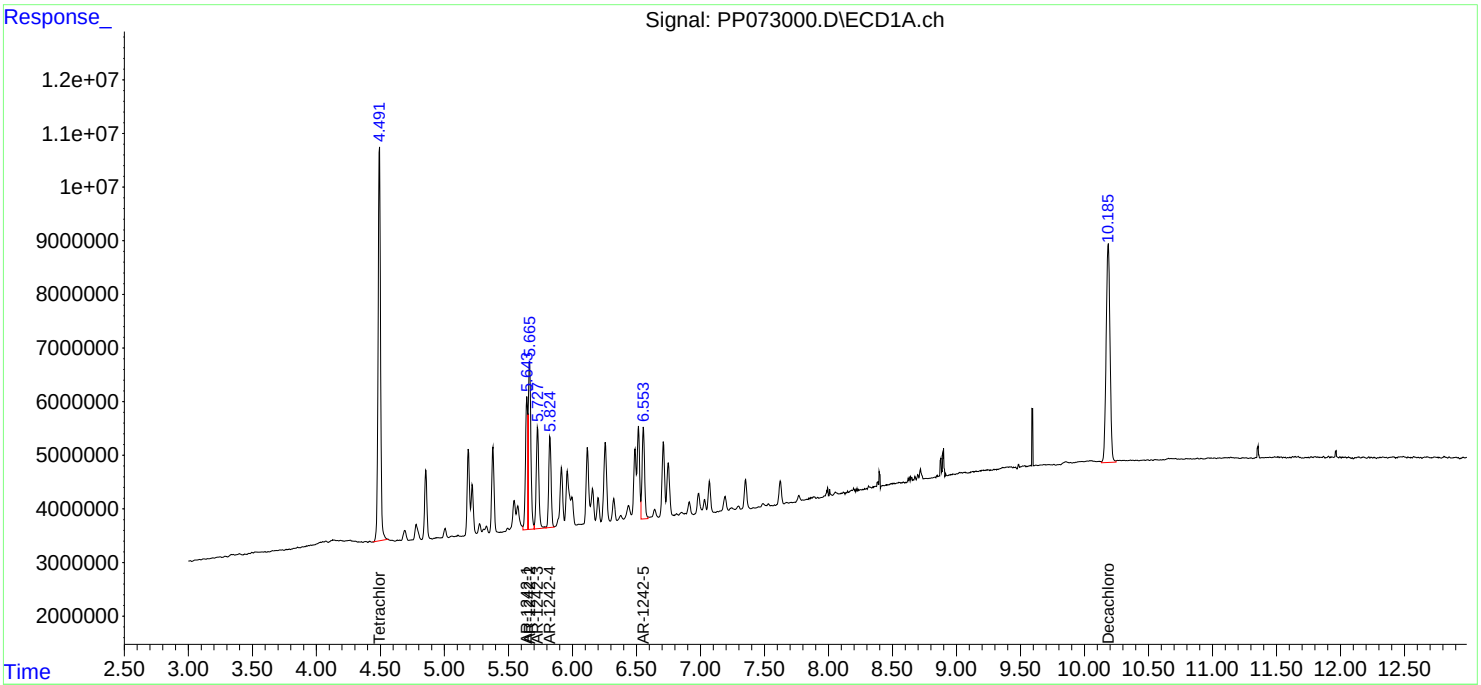
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

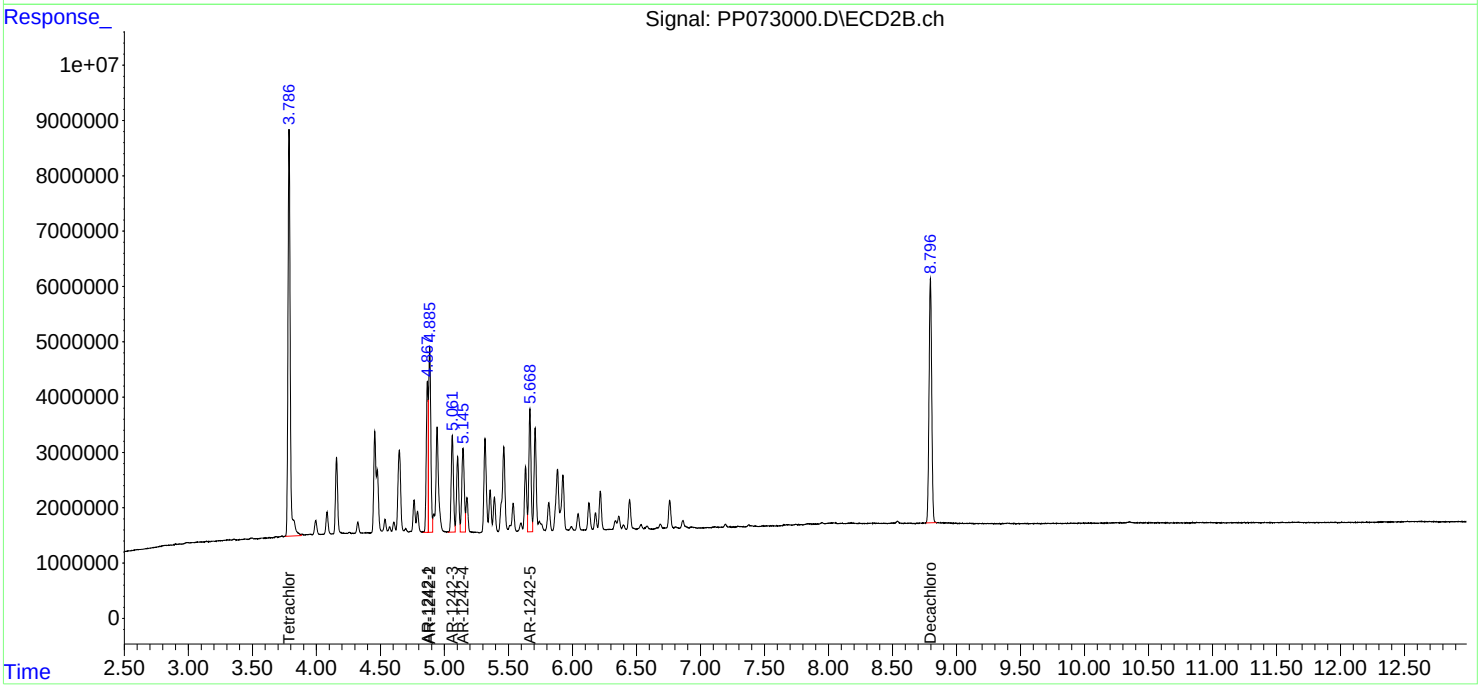
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:00
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:20:05 2025
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\PP061725\
Data File : PP073001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:16
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:27:57 2025
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...	4.493	3.786	50602470	42343162	26.210	25.260
2)	SA Decachlor...	10.185	8.797	45365178	33421386	26.763	26.475
	Target Compounds						
16)	L4 AR-1242-1	5.644	4.867	15072701	14803658	266.502	277.640
17)	L4 AR-1242-2	5.667	4.885	24713110	21079475	283.643	272.958
18)	L4 AR-1242-3	5.728	5.062	14361555	11677414	273.635	278.996
19)	L4 AR-1242-4	5.826	5.146	11665027	11210114	266.736	279.715
20)	L4 AR-1242-5	6.556	5.668	14197596	13876310	291.296	271.520

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

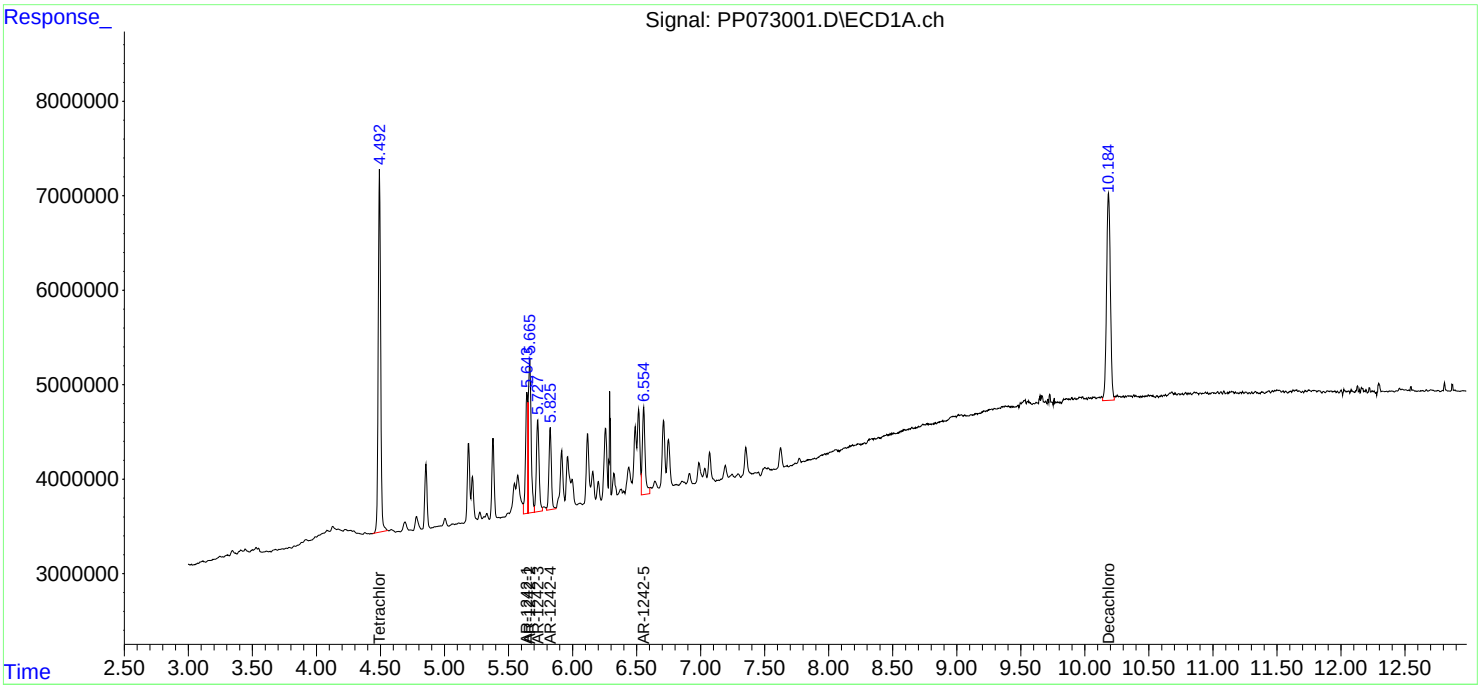
ICAL Form

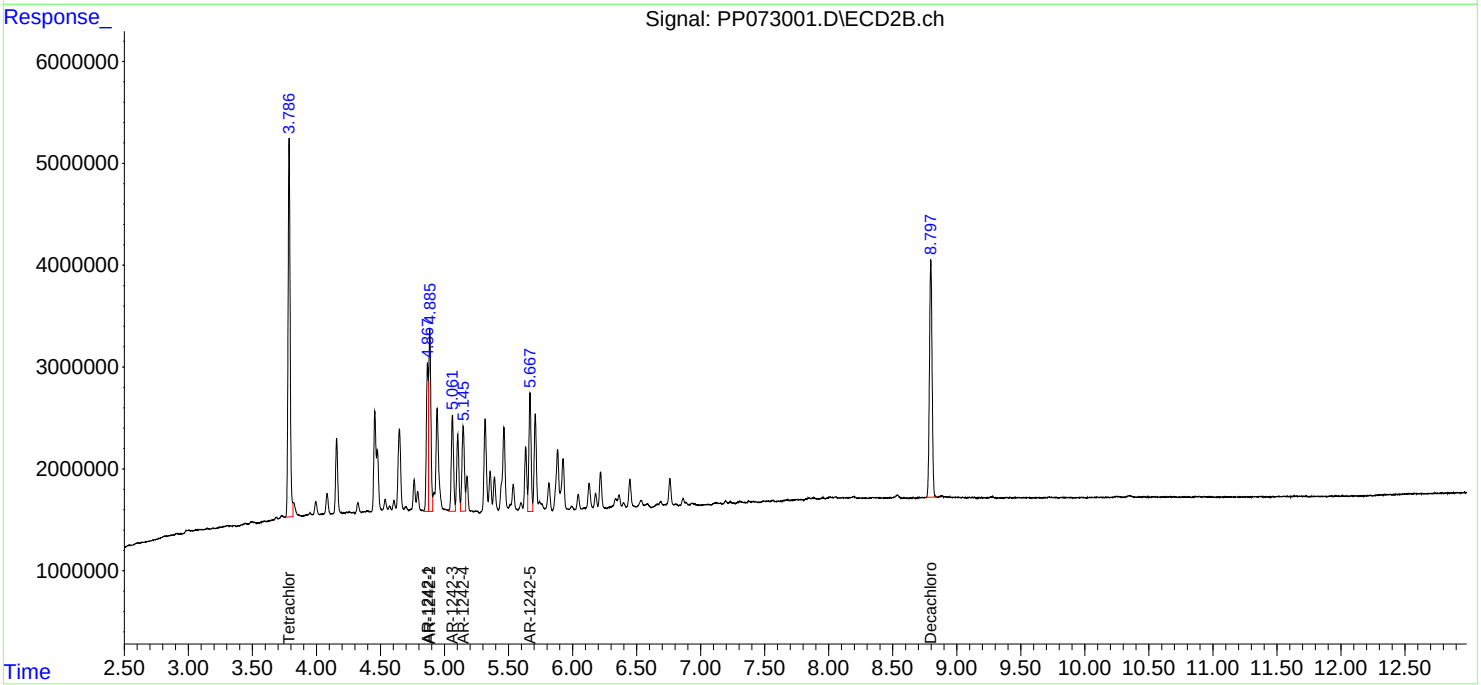
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:16
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:28:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:27:57 2025
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\PP061725\
Data File : PP073002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:32
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:44:31 2025
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...	4.492	3.787	10158096	8903340	5.207	5.246
2)	SA Decachlor...	10.184	8.797	8050605	6707520	4.783m	5.248
	Target Compounds						
16)	L4 AR-1242-1	5.642	4.867	3297800	3140830	55.643m	57.157m
17)	L4 AR-1242-2	5.665	4.885	4213097	4426414	48.947m	55.697m
18)	L4 AR-1242-3	5.727	5.062	2680065	2455209	50.828m	56.668m
19)	L4 AR-1242-4	5.824	5.145	2243054	2360571	50.666m	57.457m
20)	L4 AR-1242-5	6.553	5.668	2642030	2925407	52.888m	55.630

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:32
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

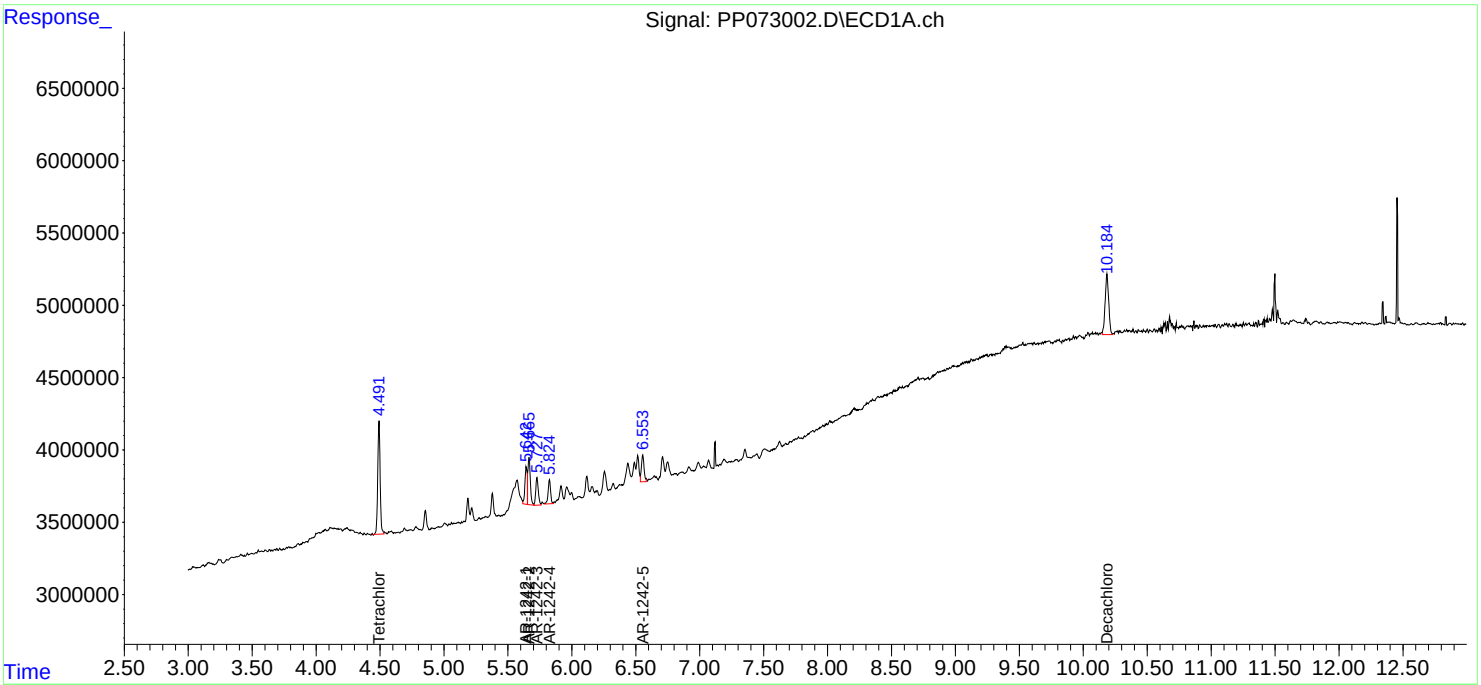
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

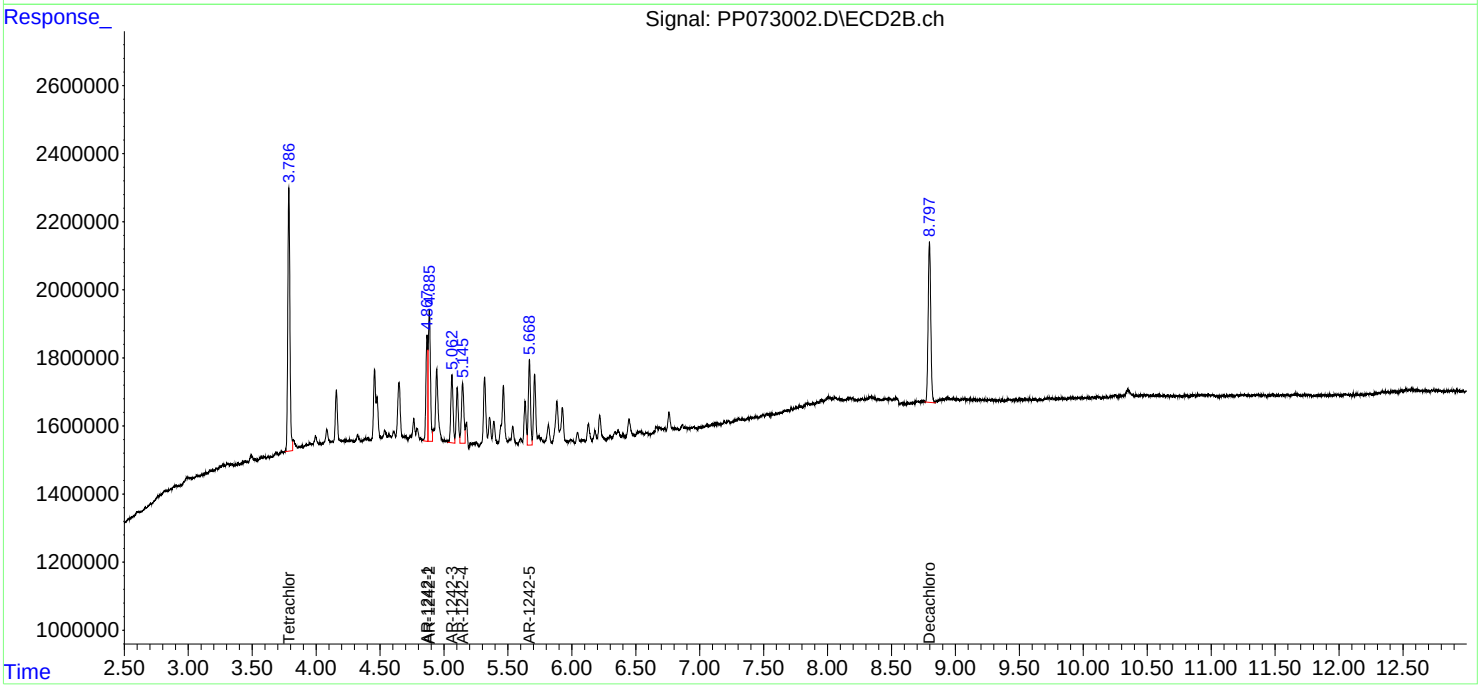
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 17 15:44:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jun 17 15:44:31 2025
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\PP061725\
Data File : PP073003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:49
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: Jun 18 02:56:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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...	4.492	3.787	188.5E6	170.8E6	99.007	107.065
2)	SA Decachlor...	10.185	8.798	162.0E6	122.7E6	94.922	94.817
	Target Compounds						
21)	L5 AR-1248-1	5.644	4.867	41858490	39929038	912.695	998.158
22)	L5 AR-1248-2	5.915	5.104	55380415	53044396	995.737	995.128
23)	L5 AR-1248-3	6.118	5.146	63266998	55822275	1008.438	1018.879
24)	L5 AR-1248-4	6.517	5.318	77728954	64712793	937.669	1031.281
25)	L5 AR-1248-5	6.555	5.709	75041779	65436447	925.638	953.390

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

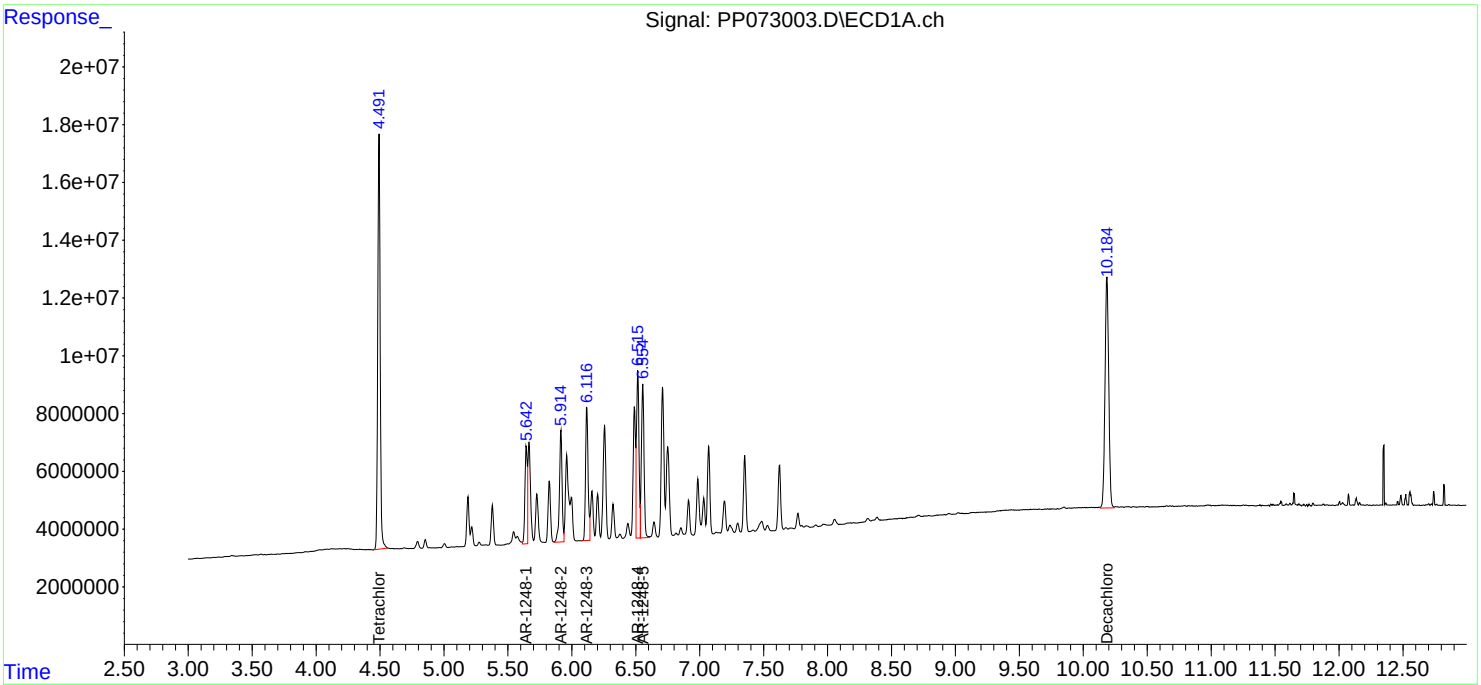
ICAL Form

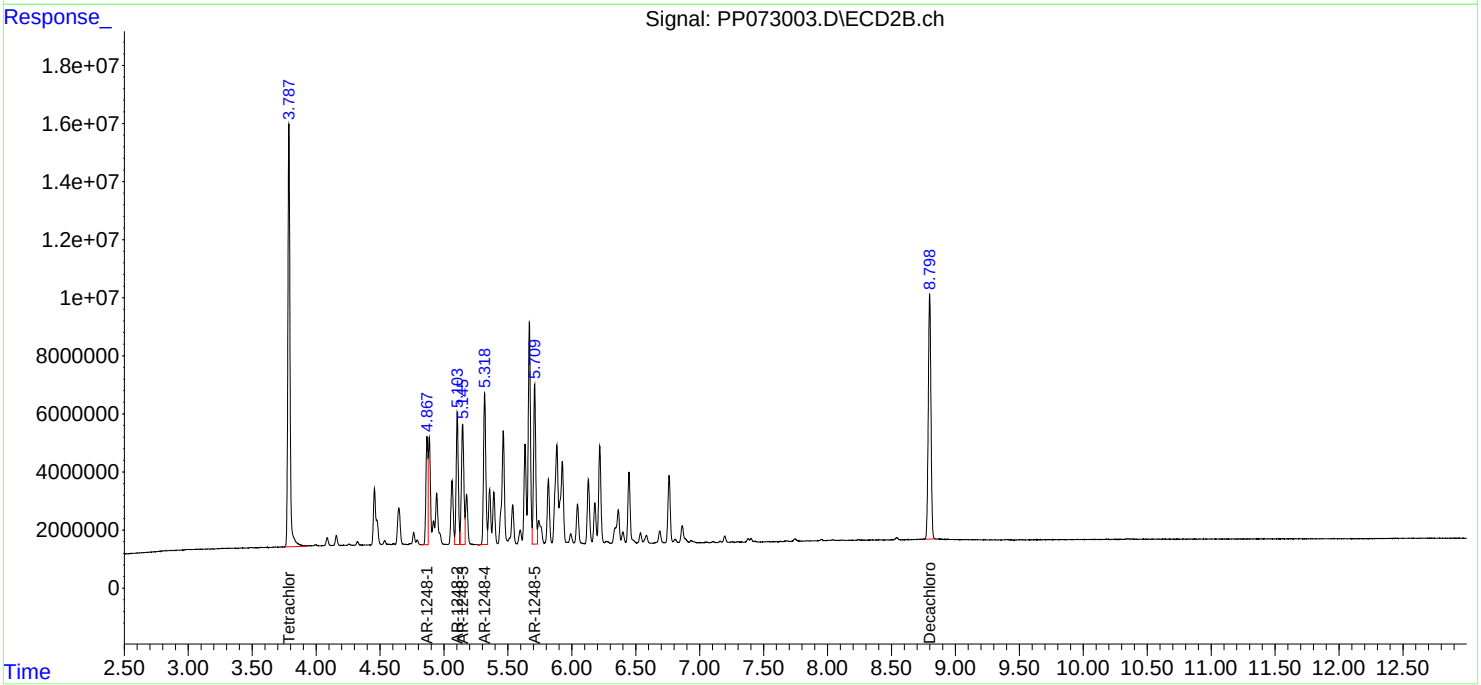
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 15:49
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:56:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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\PP061725\
Data File : PP073004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:21
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: Jun 18 02:57:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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...	4.493	3.787	147.1E6	133.1E6	77.234	83.465
2)	SA Decachlor...	10.185	8.797	126.7E6	93822390	74.227	72.502
	Target Compounds						
21)	L5 AR-1248-1	5.644	4.867	33128048	31740470	722.334	793.458
22)	L5 AR-1248-2	5.915	5.103	43516657	43058093	782.427	807.782
23)	L5 AR-1248-3	6.118	5.145	49679943	44888866	791.868	819.321
24)	L5 AR-1248-4	6.517	5.317	61511347	51856959	742.030	826.407
25)	L5 AR-1248-5	6.556	5.709	58600731	51610159	722.838	751.945

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

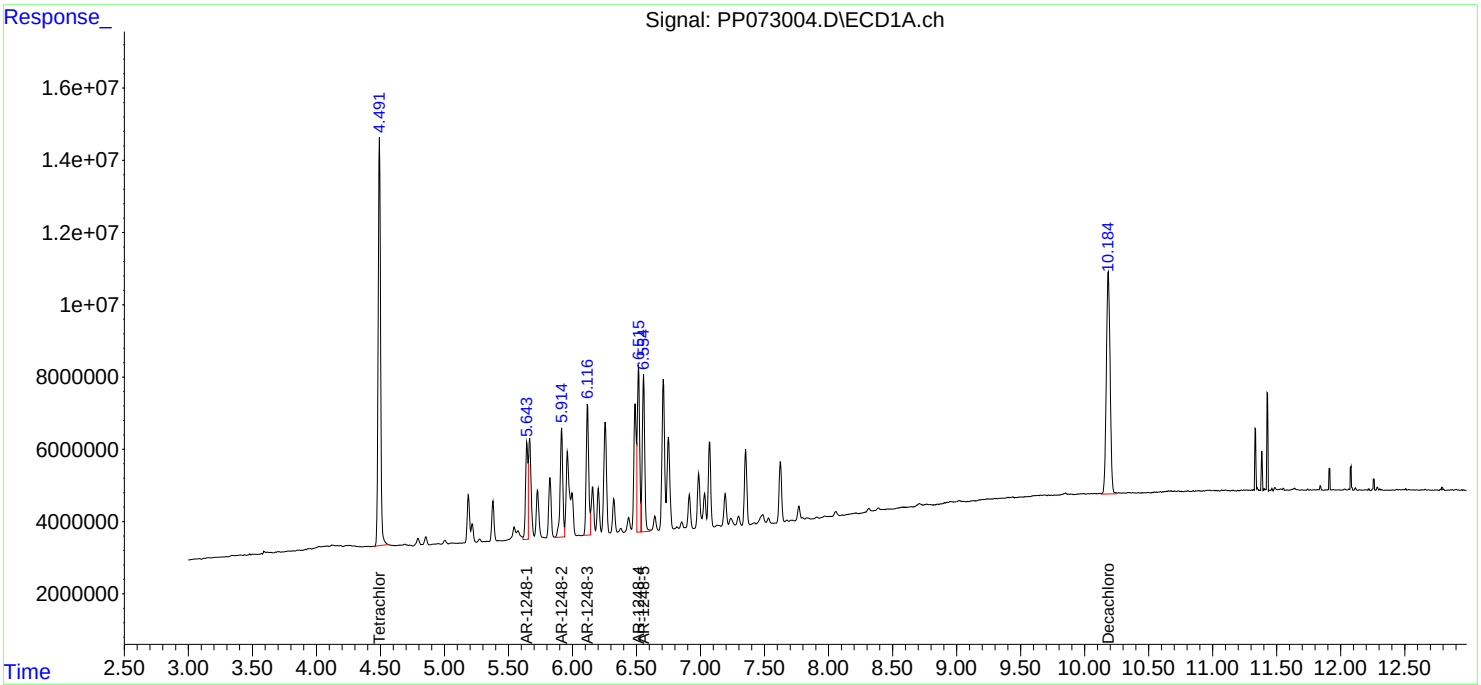
ICAL Form

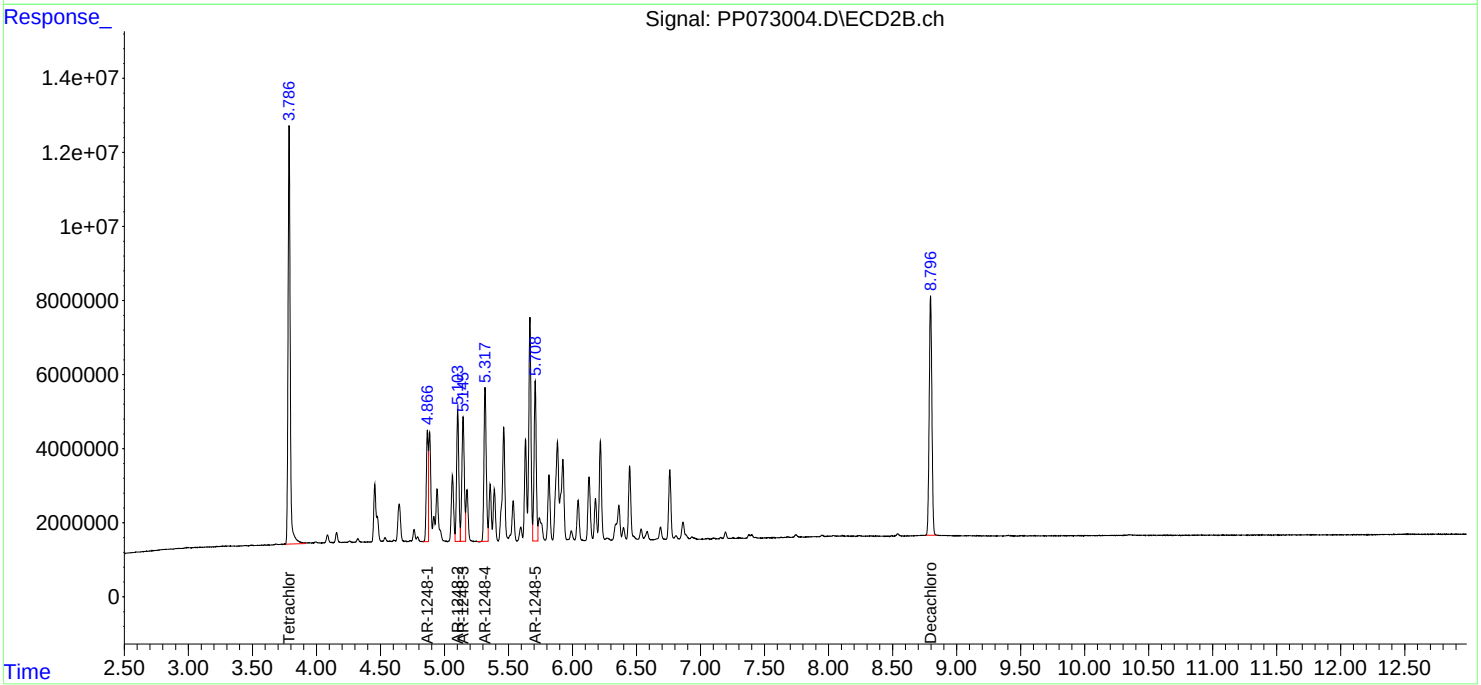
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:21
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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\PP061725\
Data File : PP073005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:37
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: Jun 18 02:57:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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...	4.493	3.787	95206063	79758610	50.000	50.000
2)	SA Decachlor...	10.188	8.797	85355694	64703044	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.645	4.867	22931260	20001359	500.000	500.000
22)	L5 AR-1248-2	5.917	5.104	27808762	26652048	500.000	500.000
23)	L5 AR-1248-3	6.118	5.146	31368812	27393954	500.000	500.000
24)	L5 AR-1248-4	6.517	5.318	41447992	31374950	500.000	500.000
25)	L5 AR-1248-5	6.556	5.709	40535174	34317758	500.000	500.000

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

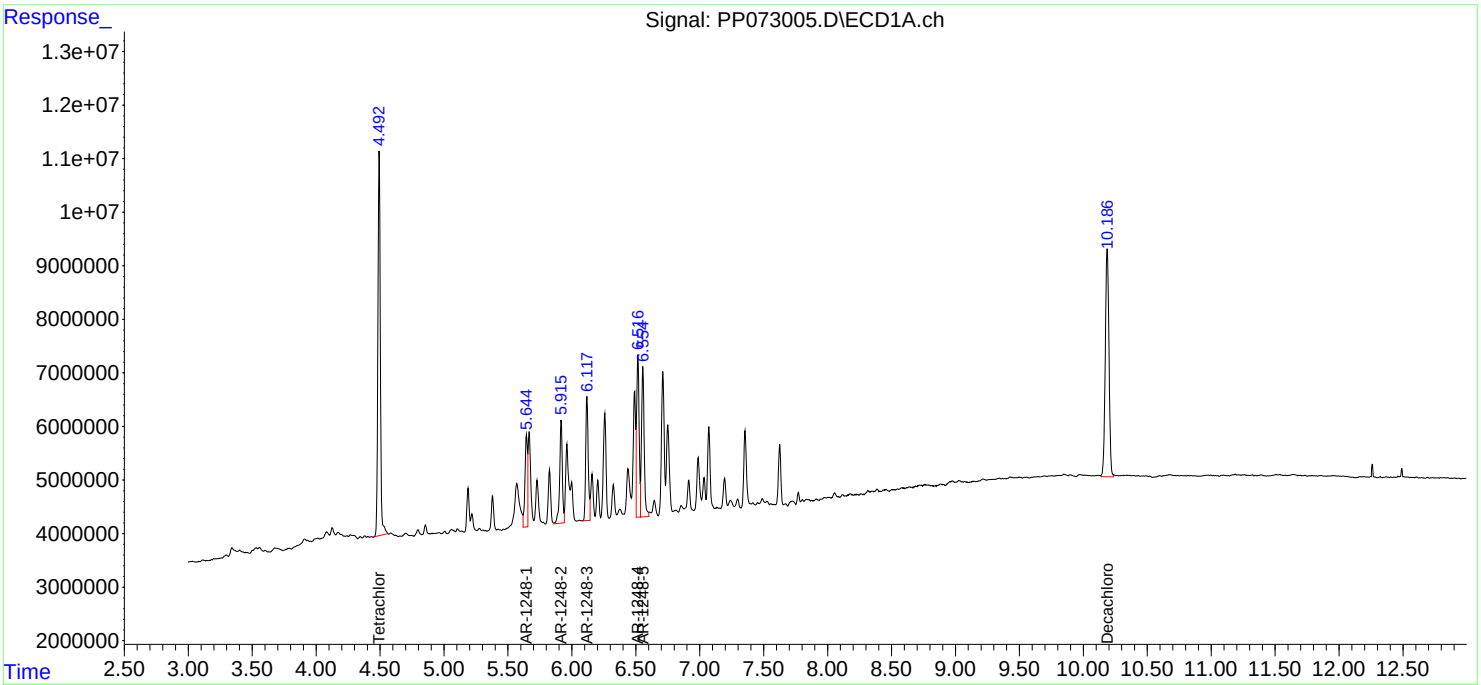
ICAL Form

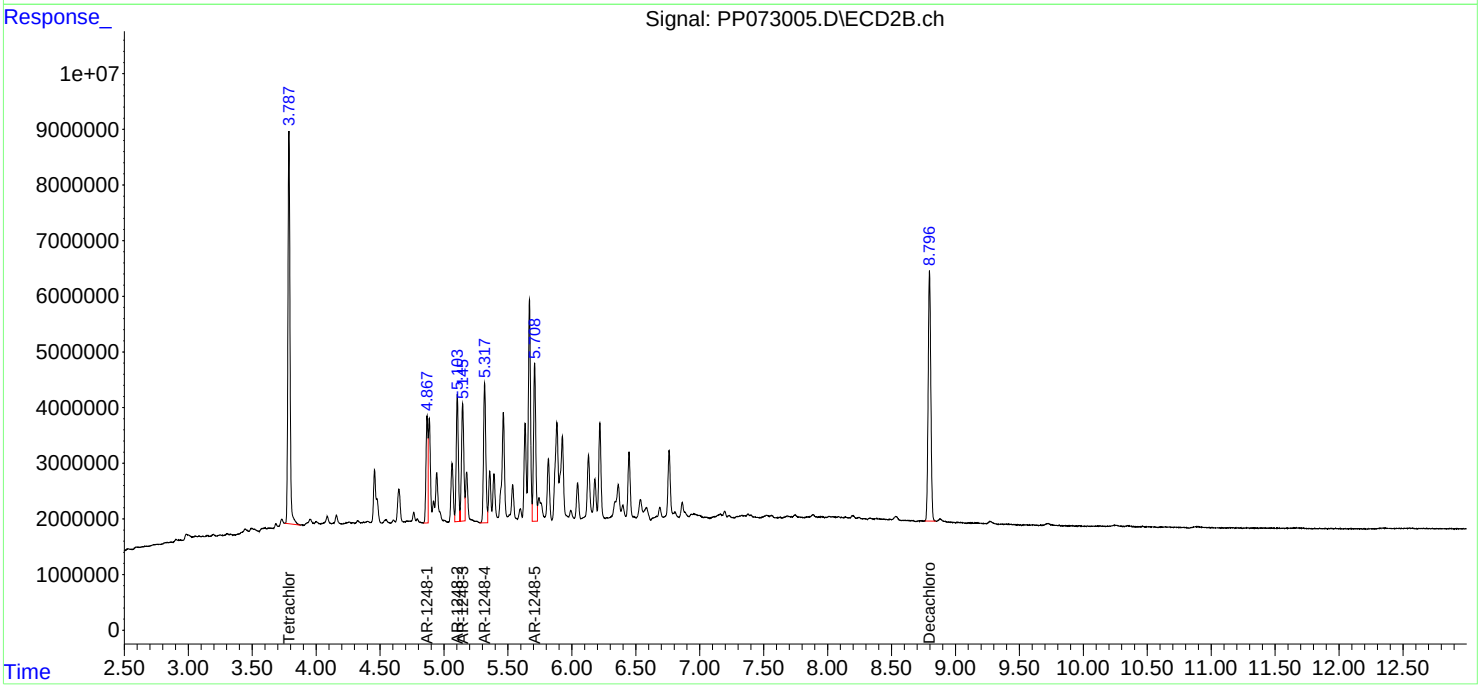
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:37
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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\PP061725\
Data File : PP073006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:54
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: Jun 18 02:57:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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...	4.493	3.787	49010001	43560408	25.739	27.308
2)	SA Decachlor...	10.185	8.797	44305276	33734094	25.953	26.068
	Target Compounds						
21)	L5 AR-1248-1	5.644	4.867	12260388	11320609	267.329	282.996
22)	L5 AR-1248-2	5.915	5.104	14760258	15120777	265.389	283.670
23)	L5 AR-1248-3	6.117	5.146	16689630	15708657	266.023	286.718
24)	L5 AR-1248-4	6.517	5.318	21509137	18174556	259.471	289.635
25)	L5 AR-1248-5	6.555	5.709	20636086	18114944	254.545	263.930

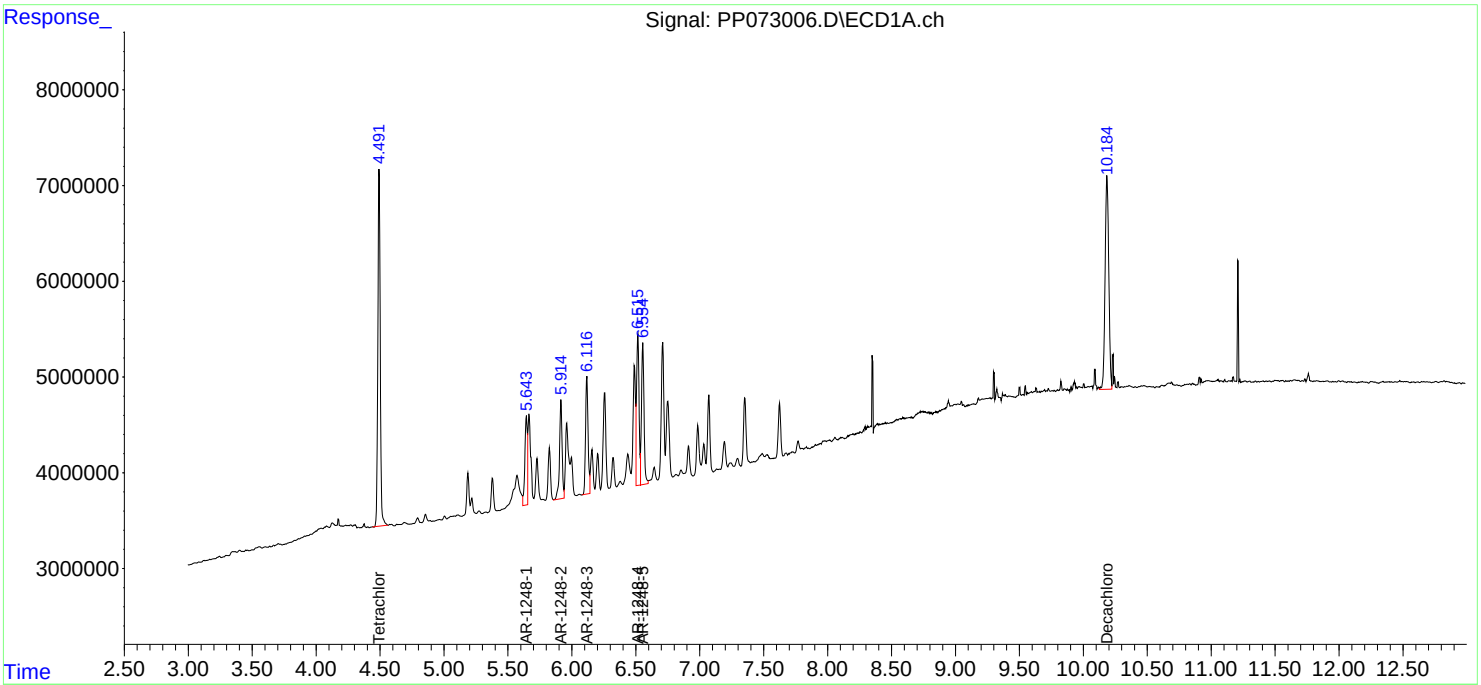
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

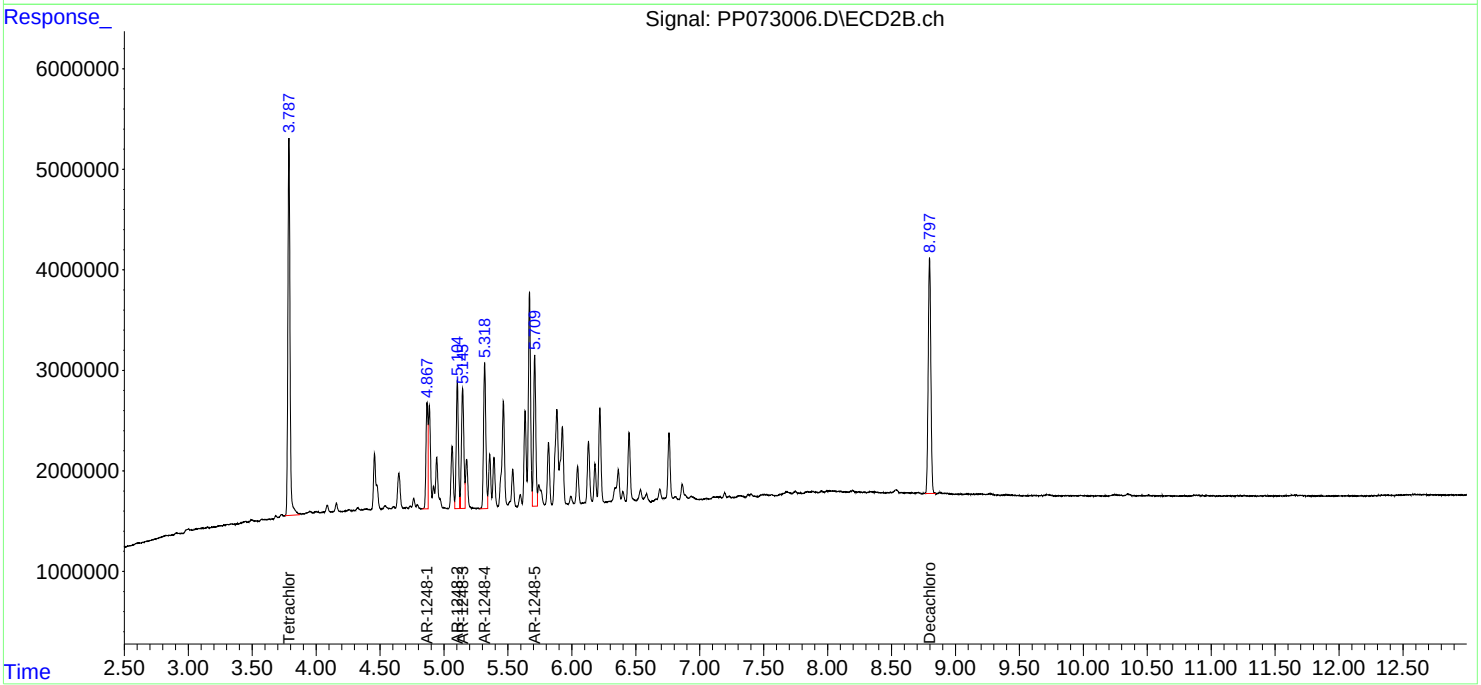
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 16:54
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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\PP061725\
Data File : PP073007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:10
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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...	4.491	3.787	10222885	9191697	5.369	5.762
2)	SA Decachlor...	10.183	8.797	9936703	7175402	5.821	5.545
	Target Compounds						
21)	L5 AR-1248-1	5.642	4.868	2845447	2520855	62.043	63.017
22)	L5 AR-1248-2	5.913	5.104	3234683	3436782	58.159	64.475
23)	L5 AR-1248-3	6.115	5.145	3362170	3471211	53.591	63.357
24)	L5 AR-1248-4	6.515	5.318	4832294	4040439	58.293	64.390
25)	L5 AR-1248-5	6.554	5.710	5083753	3990709	62.708	58.143

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

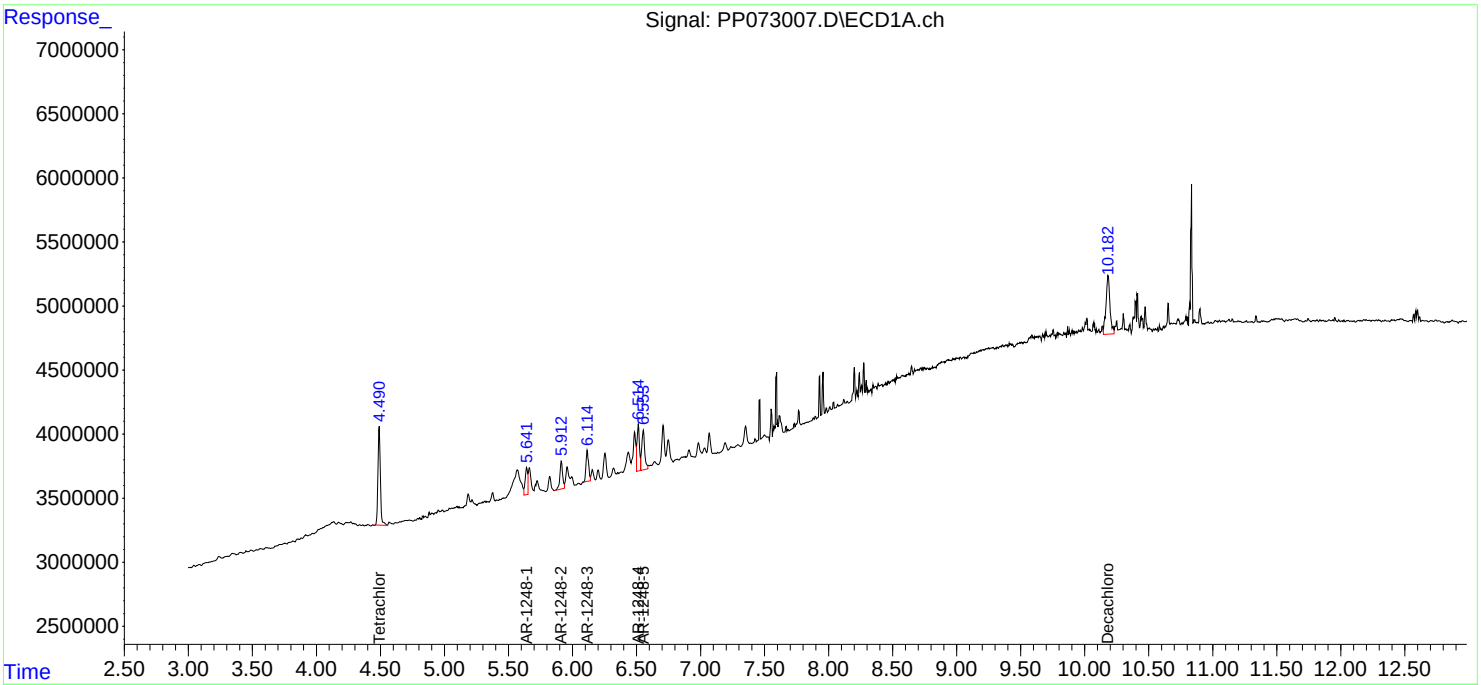
ICAL Form

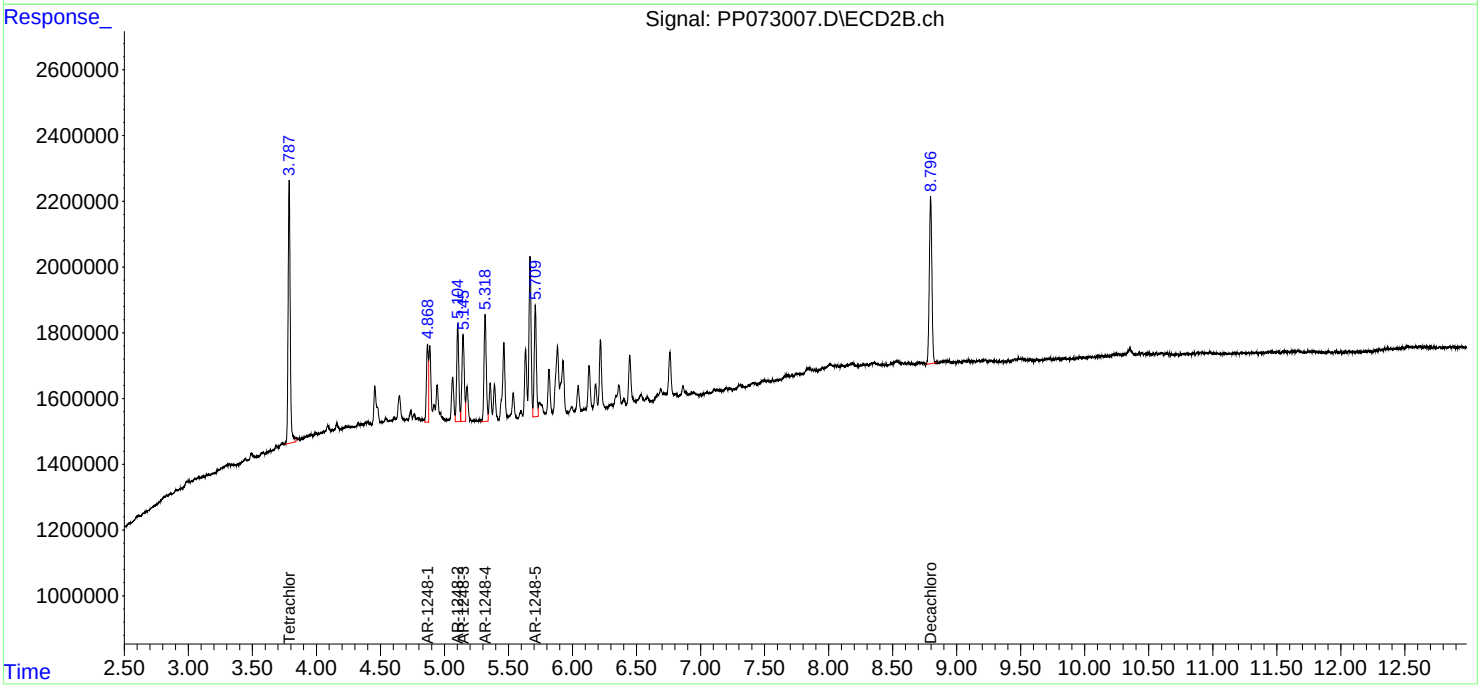
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073007.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:10
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 02:57:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 02:53:43 2025
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\PP061725\
Data File : PP073008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:26
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: Jun 18 03:15:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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...	4.494	3.787	187.3E6	167.0E6	92.728	90.941
2)	SA Decachlor...	10.186	8.797	164.8E6	123.4E6	92.823	91.141
	Target Compounds						
26)	L6 AR-1254-1	6.494	5.668	73763285	94131500	902.225	868.707
27)	L6 AR-1254-2	6.709	5.816	111.5E6	80645865	903.481	870.936
28)	L6 AR-1254-3	7.073	6.219	119.2E6	128.8E6	914.627	874.144
29)	L6 AR-1254-4	7.354	6.447	108.8E6	83562949	922.068	864.363
30)	L6 AR-1254-5	7.770	6.863	106.9E6	116.4E6	921.967	898.346

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

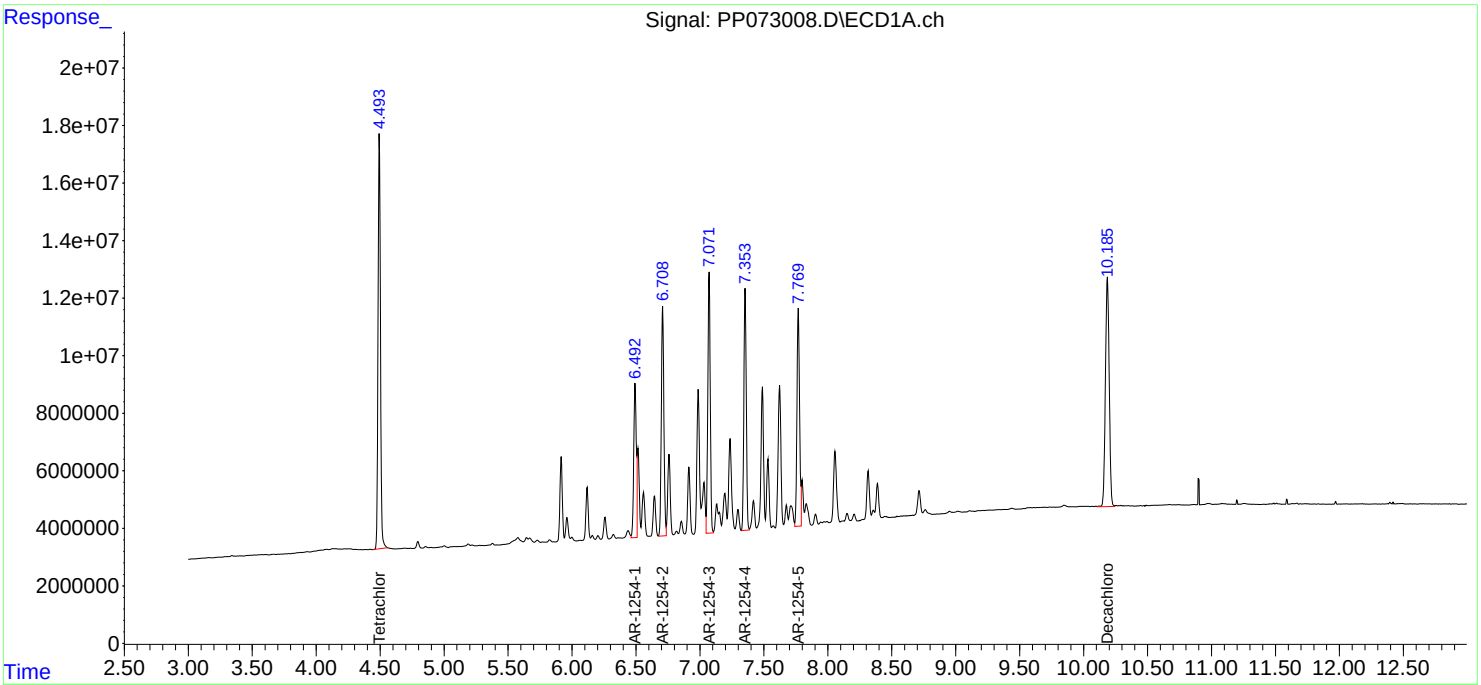
ICAL Form

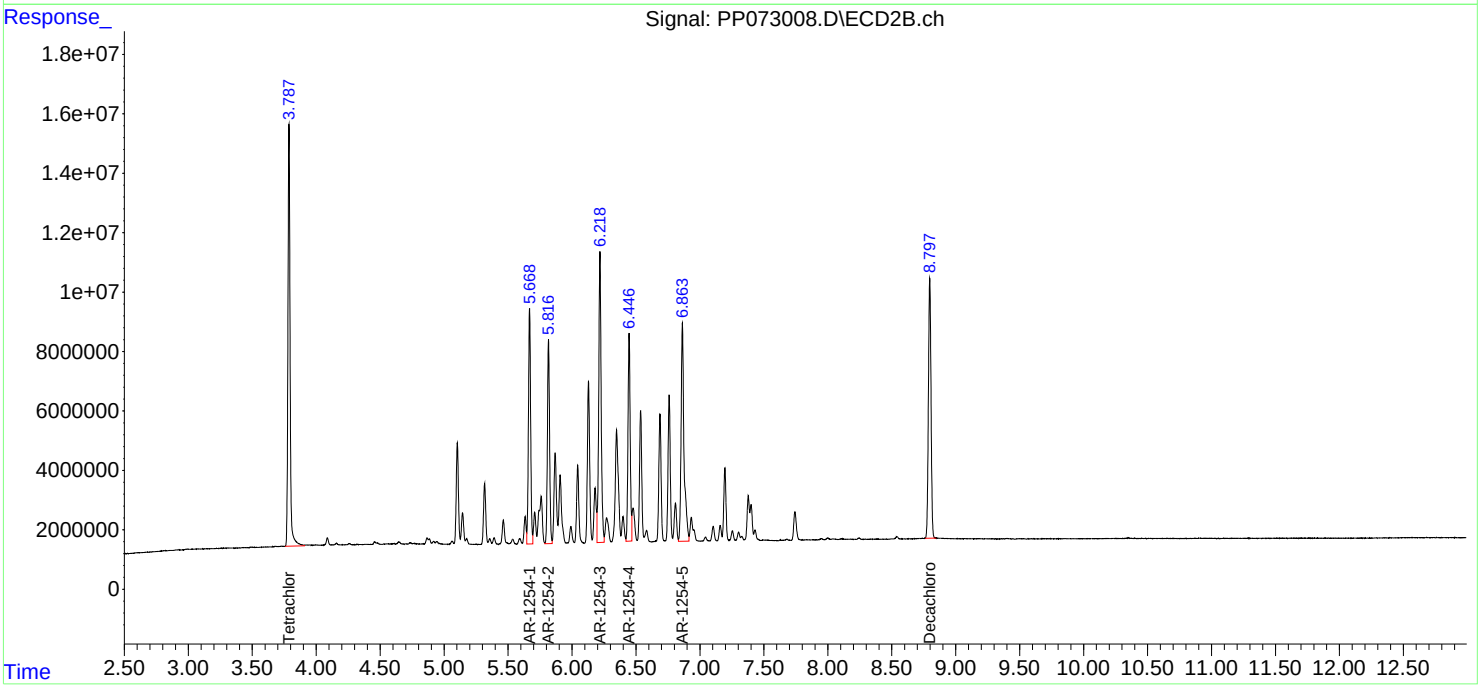
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073008.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:26
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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\PP061725\
Data File : PP073009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:43
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: Jun 18 03:15:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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...	4.493	3.788	147.0E6	133.2E6	72.797	72.507
2)	SA Decachlor...	10.186	8.798	130.4E6	98577782	73.465	72.787
	Target Compounds						
26)	L6 AR-1254-1	6.492	5.669	59164082	76776825	723.657	708.546
27)	L6 AR-1254-2	6.708	5.817	89005755	66022871	721.525	713.015
28)	L6 AR-1254-3	7.071	6.219	94714243	103.6E6	726.528	703.473
29)	L6 AR-1254-4	7.353	6.447	85886505	67701556	728.182	700.295
30)	L6 AR-1254-5	7.769	6.864	84191148	92140983	725.836	710.972

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

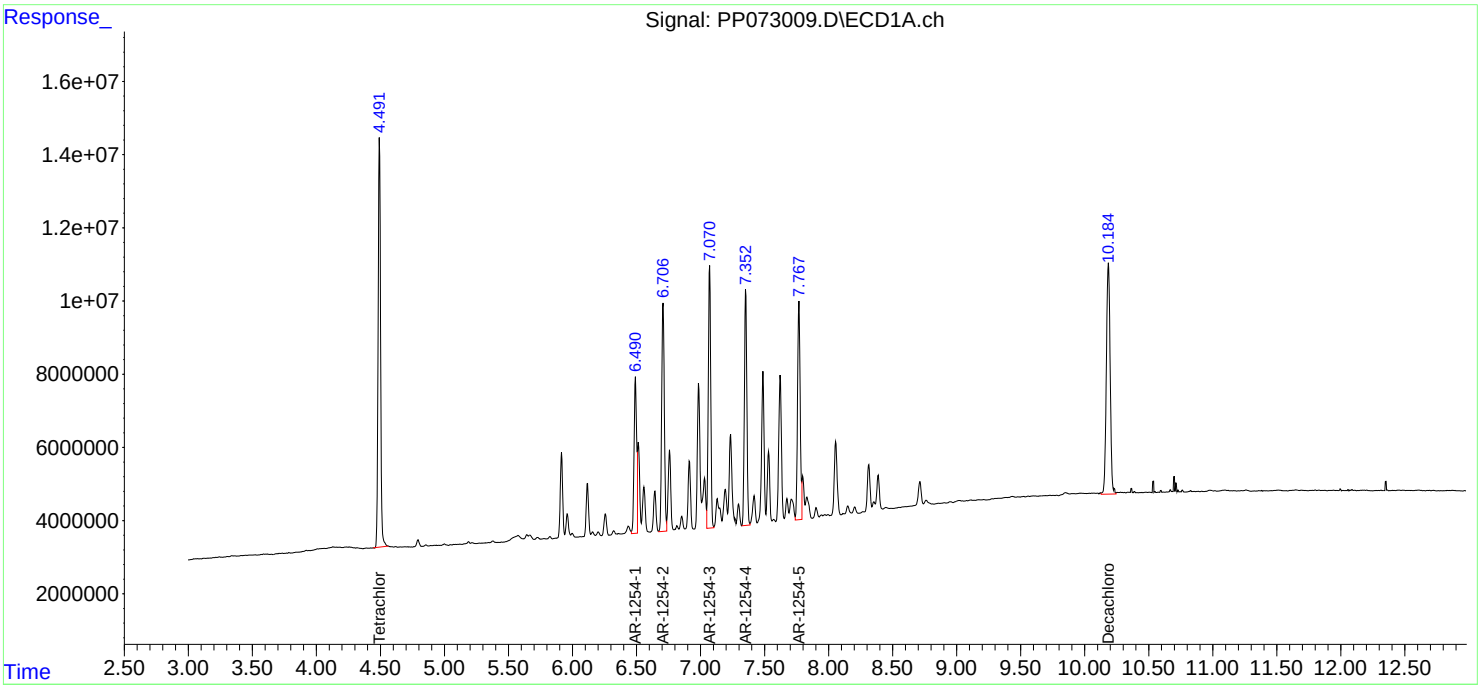
ICAL Form

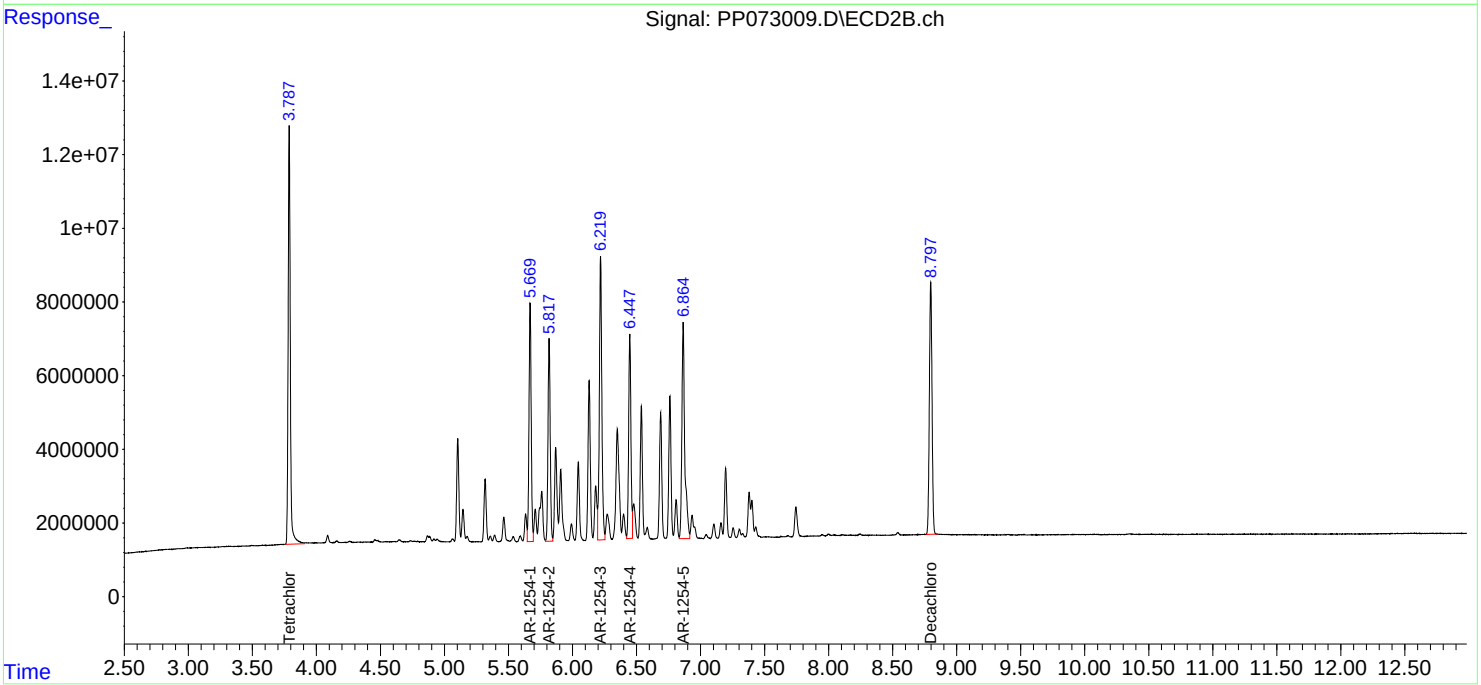
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073009.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:43
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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\PP061725\
Data File : PP073010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:59
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: Jun 18 03:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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...	4.491	3.788	101.0E6	91819616	50.000	50.000
2)	SA Decachlor...	10.185	8.797	88782801	67716400	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.491	5.669	40878552	54179115	500.000	500.000
27)	L6 AR-1254-2	6.707	5.817	61678914	46298378	500.000	500.000
28)	L6 AR-1254-3	7.070	6.219	65182776	73658552	500.000	500.000
29)	L6 AR-1254-4	7.352	6.447	58973271	48337854	500.000	500.000
30)	L6 AR-1254-5	7.768	6.864	57995955	64799321	500.000	500.000

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

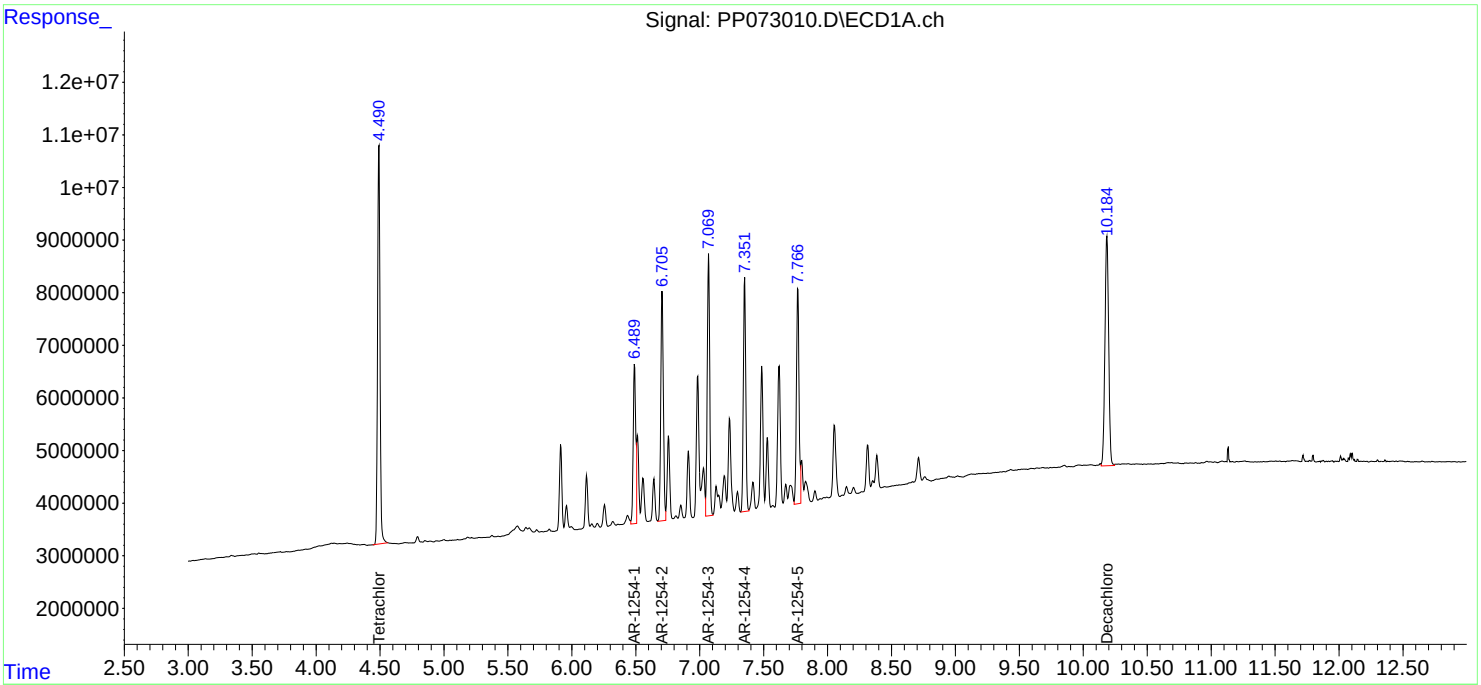
ICAL Form

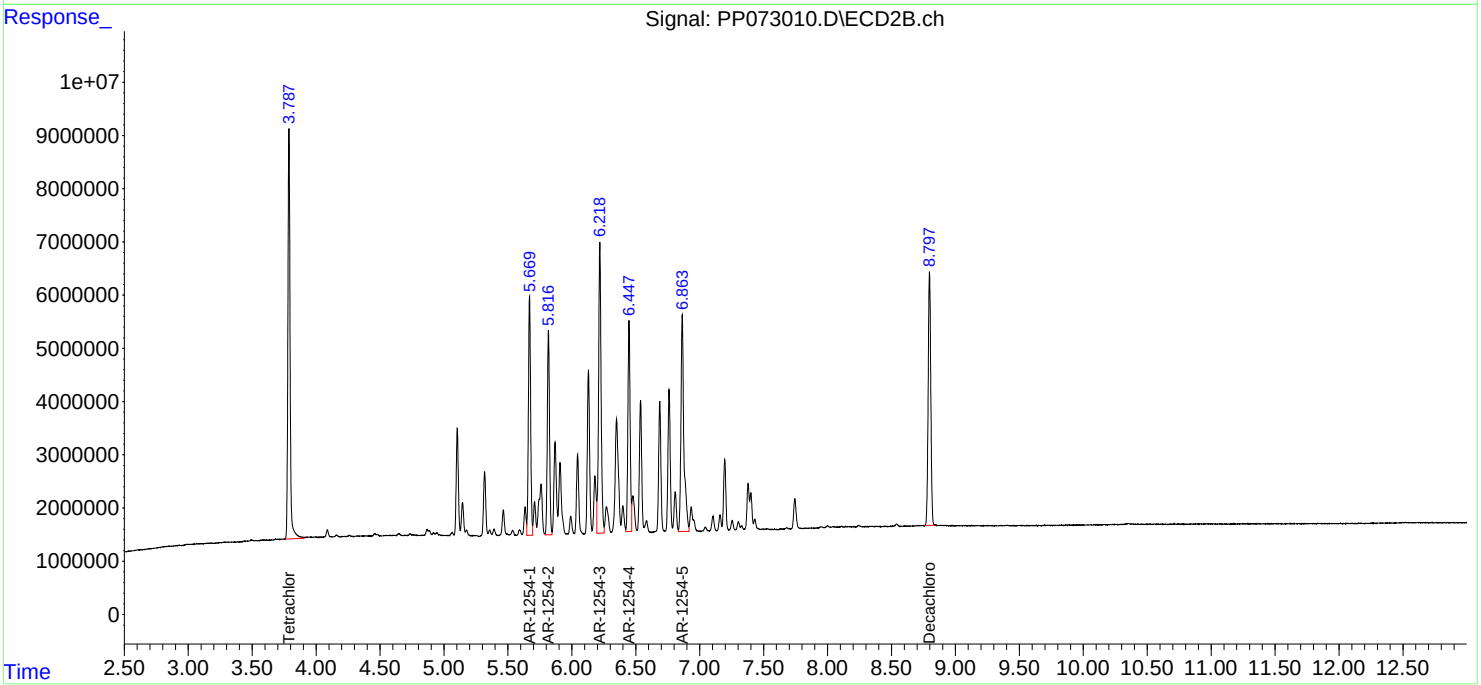
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073010.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 17:59
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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\PP061725\
Data File : PP073011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:15
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: Jun 18 03:15:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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...	4.494	3.787	53995626	48425502	26.736	26.370
2)	SA Decachlor...	10.187	8.798	48386774	35966629	27.250	26.557
	Target Compounds						
26)	L6 AR-1254-1	6.494	5.669	22222846	30120932	271.815	277.975
27)	L6 AR-1254-2	6.710	5.817	33405246	25933264	270.800	280.067
28)	L6 AR-1254-3	7.074	6.220	35283260	40281223	270.649	273.432
29)	L6 AR-1254-4	7.356	6.448	32025282	26724209	271.524	276.431
30)	L6 AR-1254-5	7.772	6.865	30977378	35516842	267.065	274.053

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

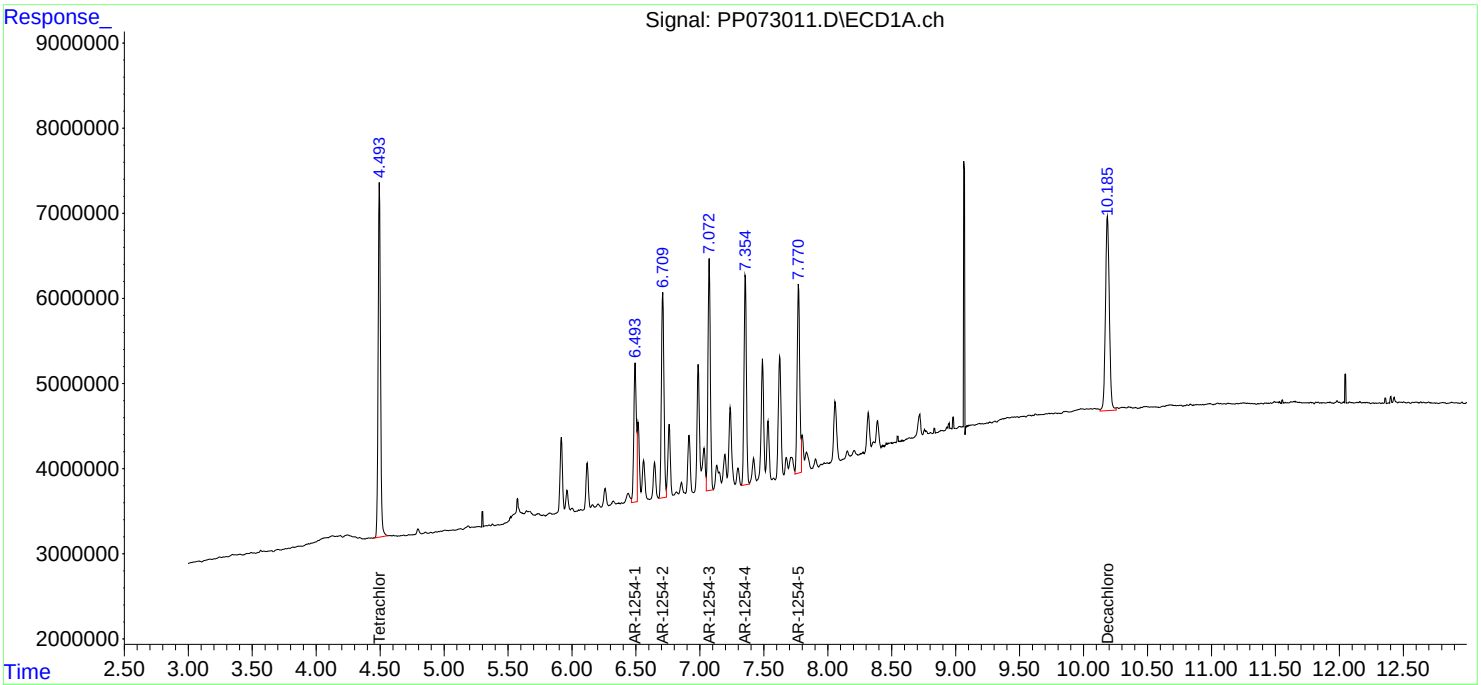
ICAL Form

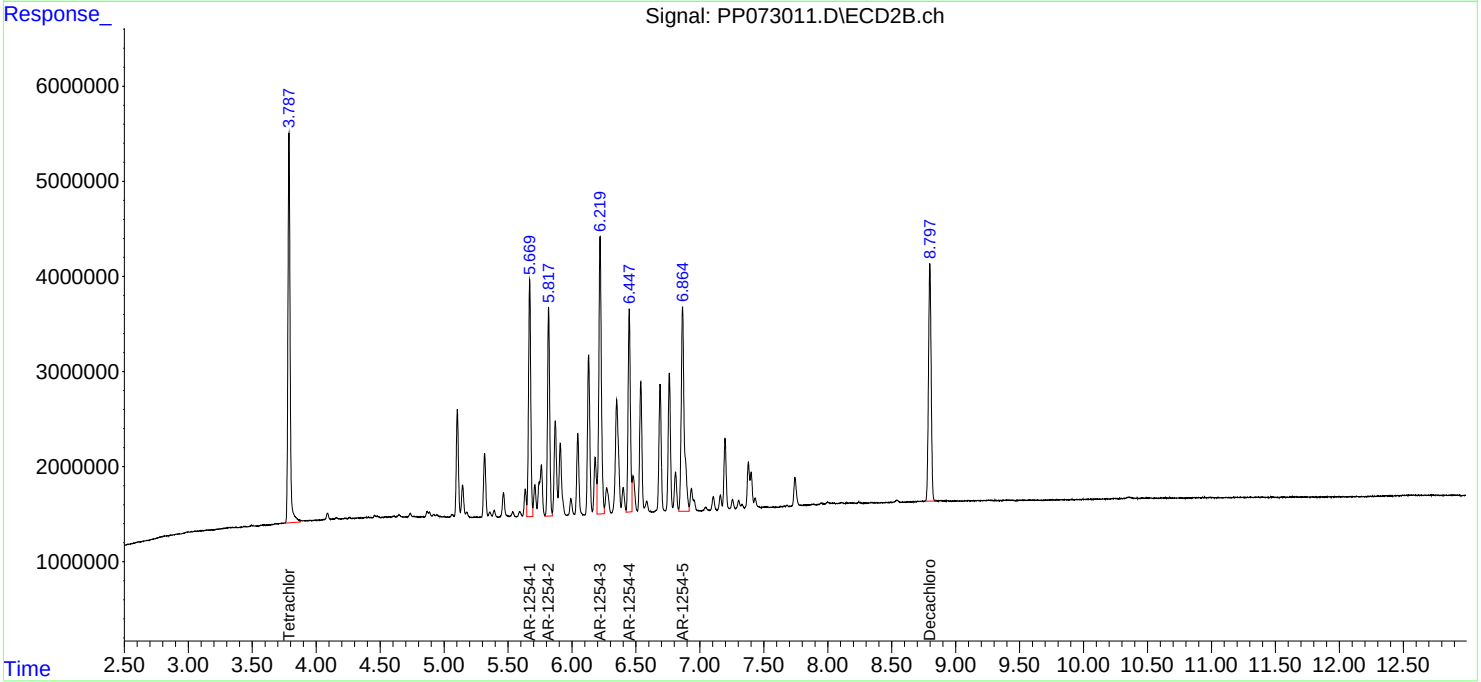
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073011.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:15
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:15:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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\PP061725\
Data File : PP073012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:32
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: Jun 18 03:37:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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...	4.491	3.786	10371325	8942875	5.178	4.955
2)	SA Decachlor...	10.185	8.796	8297458	7139546	4.676	5.346
	Target Compounds						
26)	L6 AR-1254-1	6.490	5.668	4878612	6145380	60.361	57.792
27)	L6 AR-1254-2	6.707	5.816	6994986	5386264	57.441	59.027
28)	L6 AR-1254-3	7.069	6.218	6951737	8116990	53.783	56.427
29)	L6 AR-1254-4	7.352	6.446	6480102	5405051	55.230	57.287
30)	L6 AR-1254-5	7.768	6.862	5609267	6943417	48.872	54.357

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

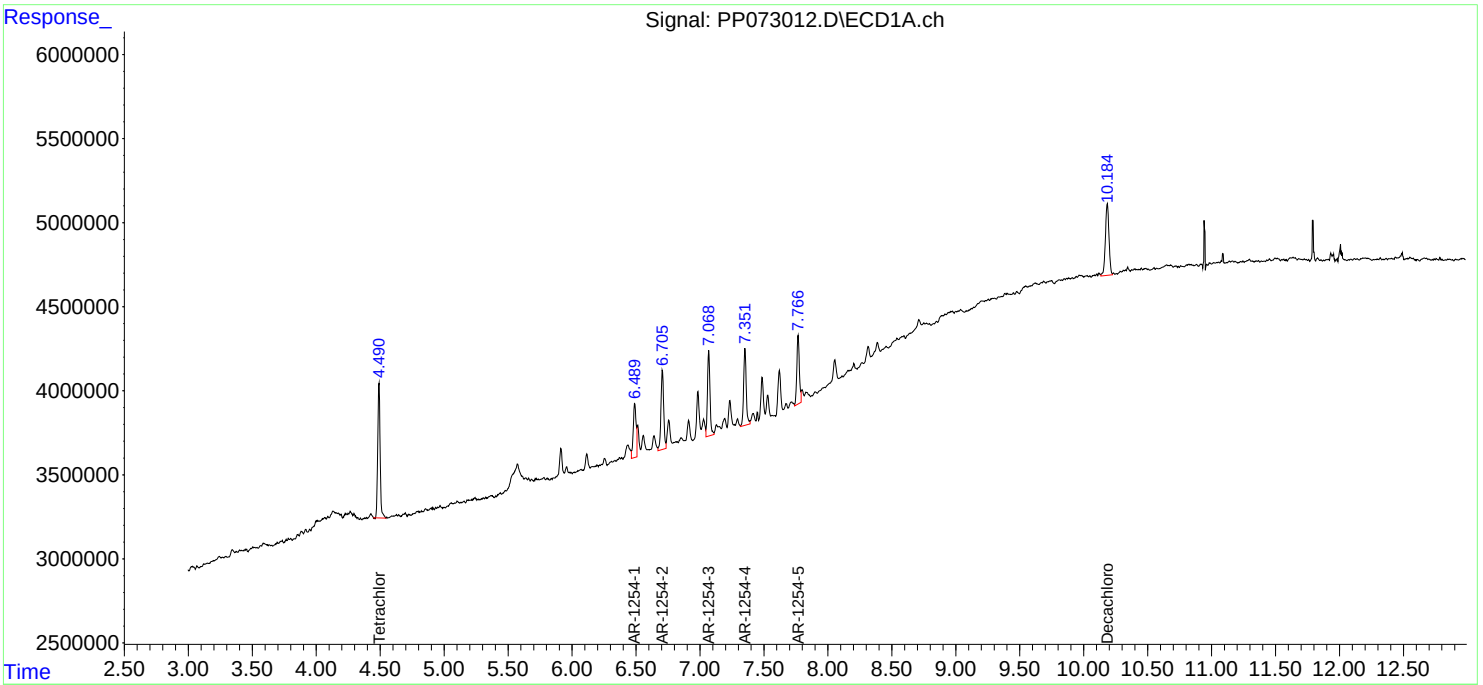
ICAL Form

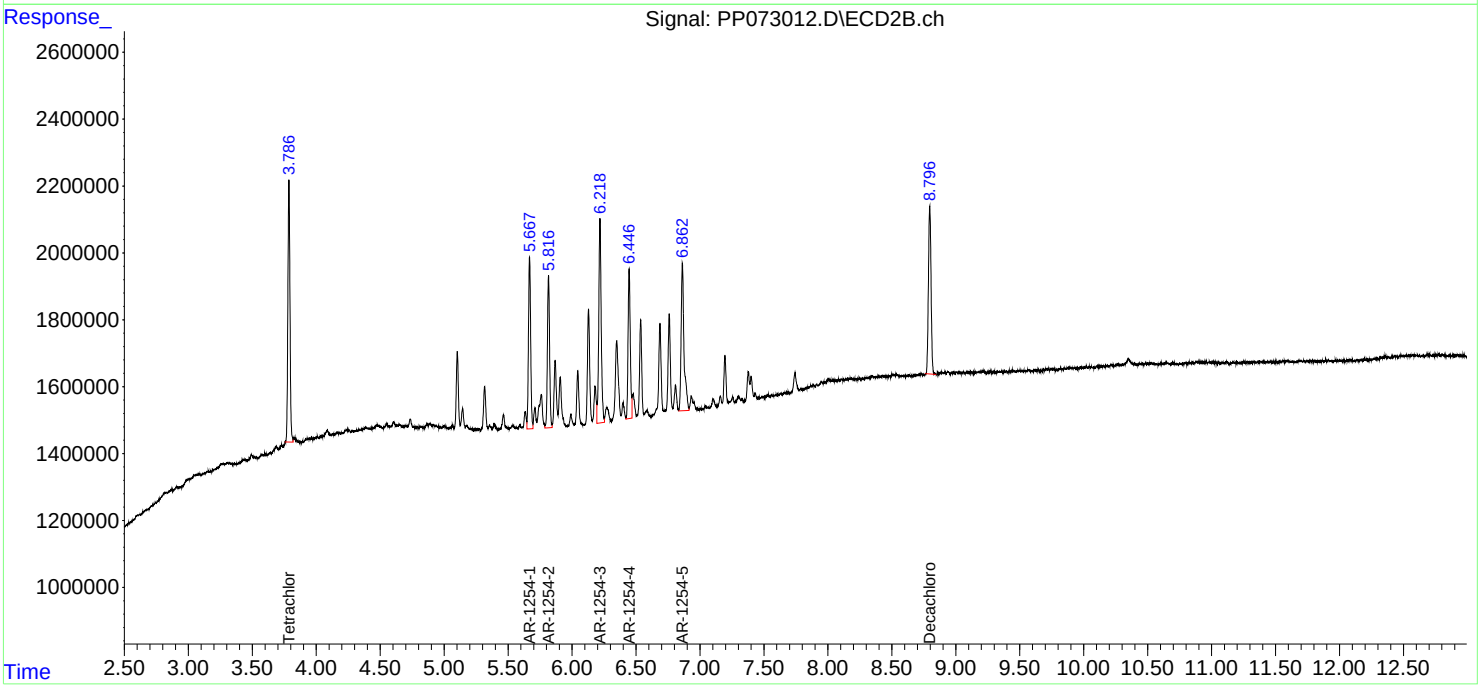
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073012.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:32
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:37:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:13:00 2025
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\PP061725\
Data File : PP073013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:48
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: Jun 18 03:59:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:54:29 2025
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...	4.492	3.787	107.5E6	92711514	50.000	50.000
2)	SA Decachlor...	10.187	8.797	104.8E6	73040112	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.070	6.901	74011533	72233427	500.000	500.000
37)	L8 AR-1262-2	8.388	7.159	158.2E6	61115310	500.000	500.000
38)	L8 AR-1262-3	8.702	7.681	107.0E6	56351432	500.000	500.000
39)	L8 AR-1262-4	8.788	7.747	78796607	91678162	500.000	500.000
40)	L8 AR-1262-5	9.438	8.244	55931783	43292649	500.000	500.000

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

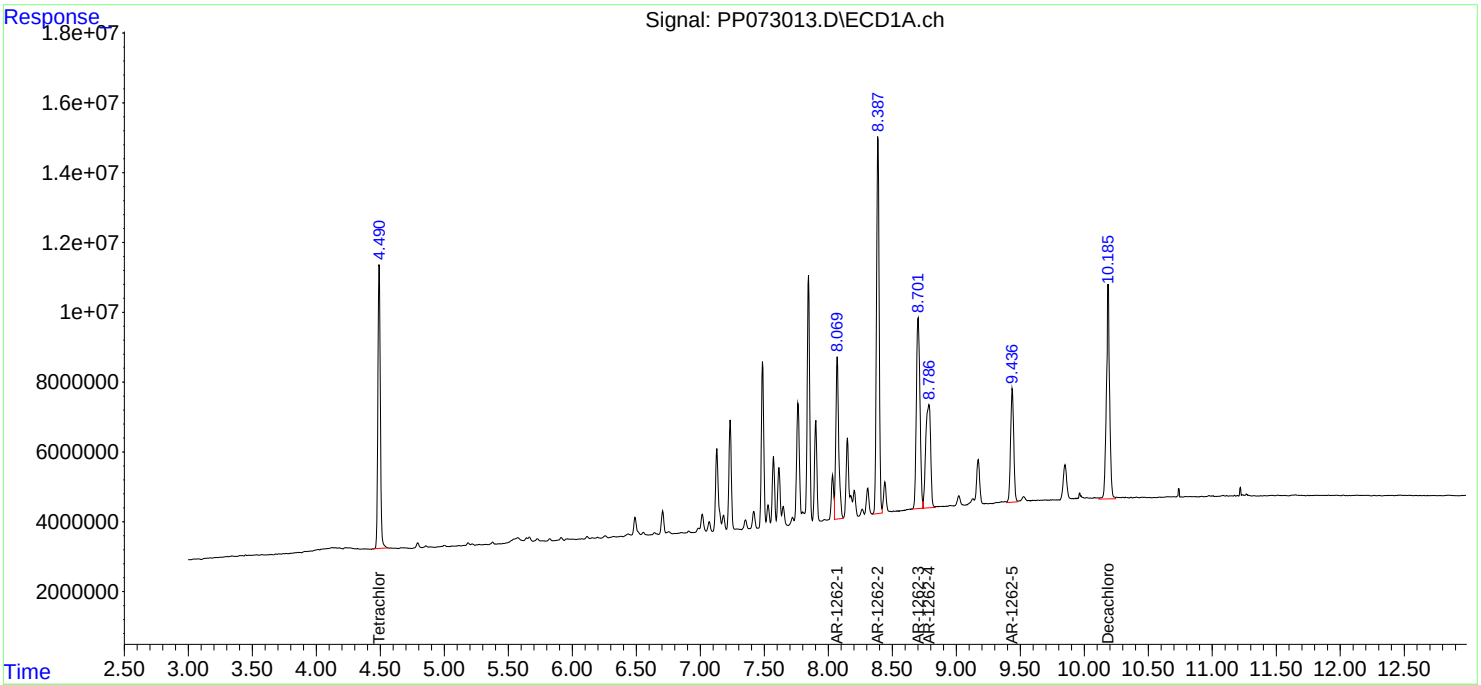
ICAL Form

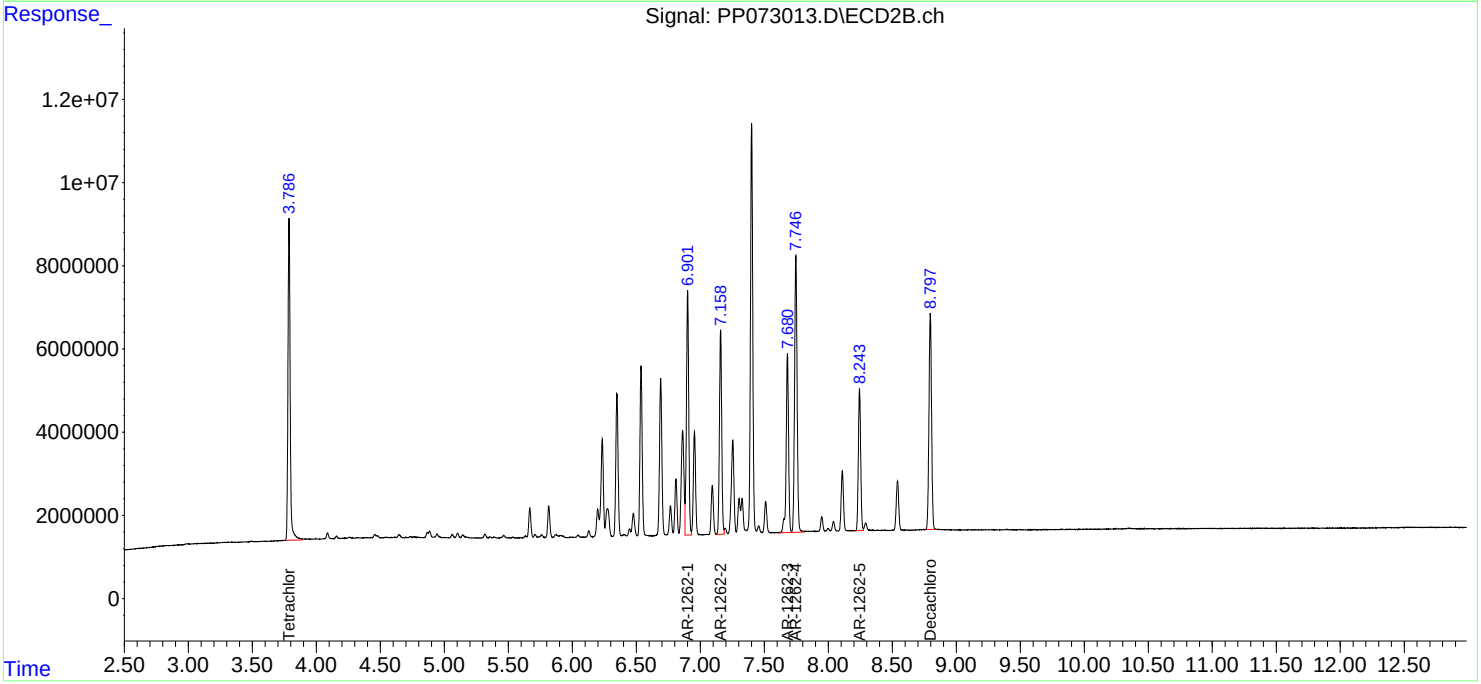
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073013.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 18:48
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 03:59:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 03:54:29 2025
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





ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:04
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: Jun 18 04:53:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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...	4.494	3.788	196.5E6	179.8E6	95.097	97.953
2)	SA Decachlor...	10.188	8.797	300.3E6	221.6E6	93.697	90.868
	Target Compounds						
41)	L9 AR-1268-1	8.701	7.682	342.6E6	263.8E6	962.665	939.490
42)	L9 AR-1268-2	8.794	7.748	290.4E6	236.5E6	958.582	939.469
43)	L9 AR-1268-3	9.022	7.951	250.0E6	197.4E6	953.538	933.249
44)	L9 AR-1268-4	9.439	8.244	114.6E6	83966367	971.108	902.817
45)	L9 AR-1268-5	9.852	8.542	713.8E6	544.2E6	966.370	926.446

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

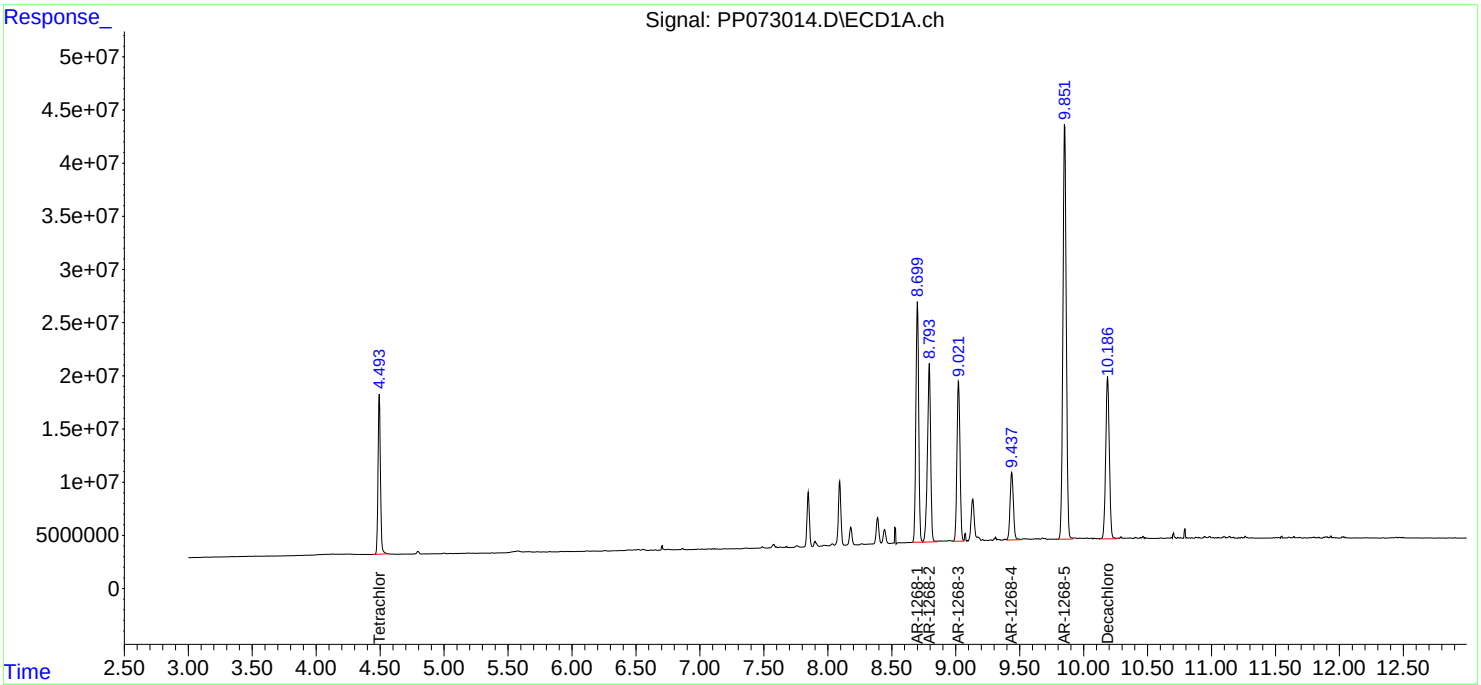
ICAL Form

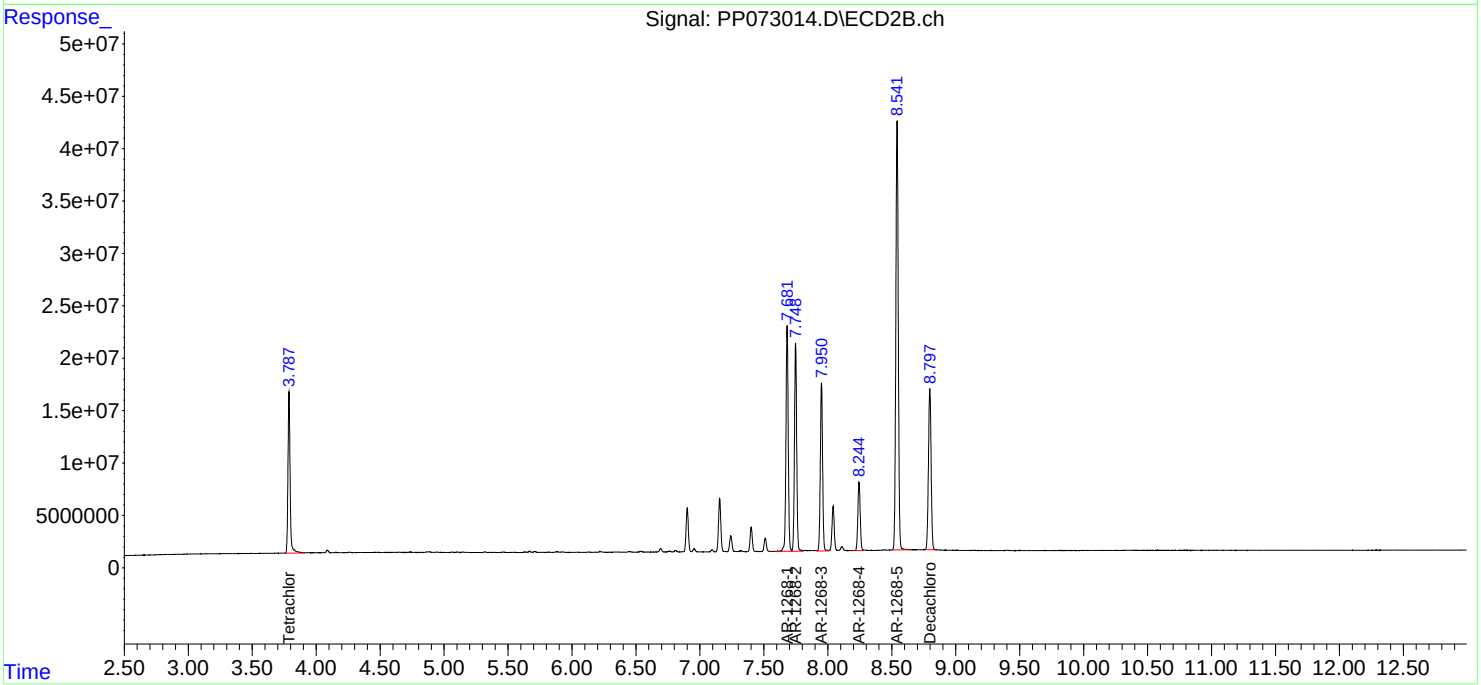
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073014.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:04
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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\PP061725\
Data File : PP073015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:21
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: Jun 18 04:53:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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...	4.491	3.786	151.0E6	136.2E6	73.083	74.193
2)	SA Decachlor...	10.184	8.797	233.0E6	173.6E6	72.700	71.159
	Target Compounds						
41)	L9 AR-1268-1	8.698	7.681	259.4E6	208.3E6	728.994	741.731
42)	L9 AR-1268-2	8.791	7.748	220.2E6	188.6E6	726.936	749.248
43)	L9 AR-1268-3	9.019	7.950	190.1E6	157.9E6	725.220	746.372
44)	L9 AR-1268-4	9.437	8.245	86374148	68247946	731.613	733.811
45)	L9 AR-1268-5	9.848	8.541	551.9E6	429.3E6	747.194	730.927

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

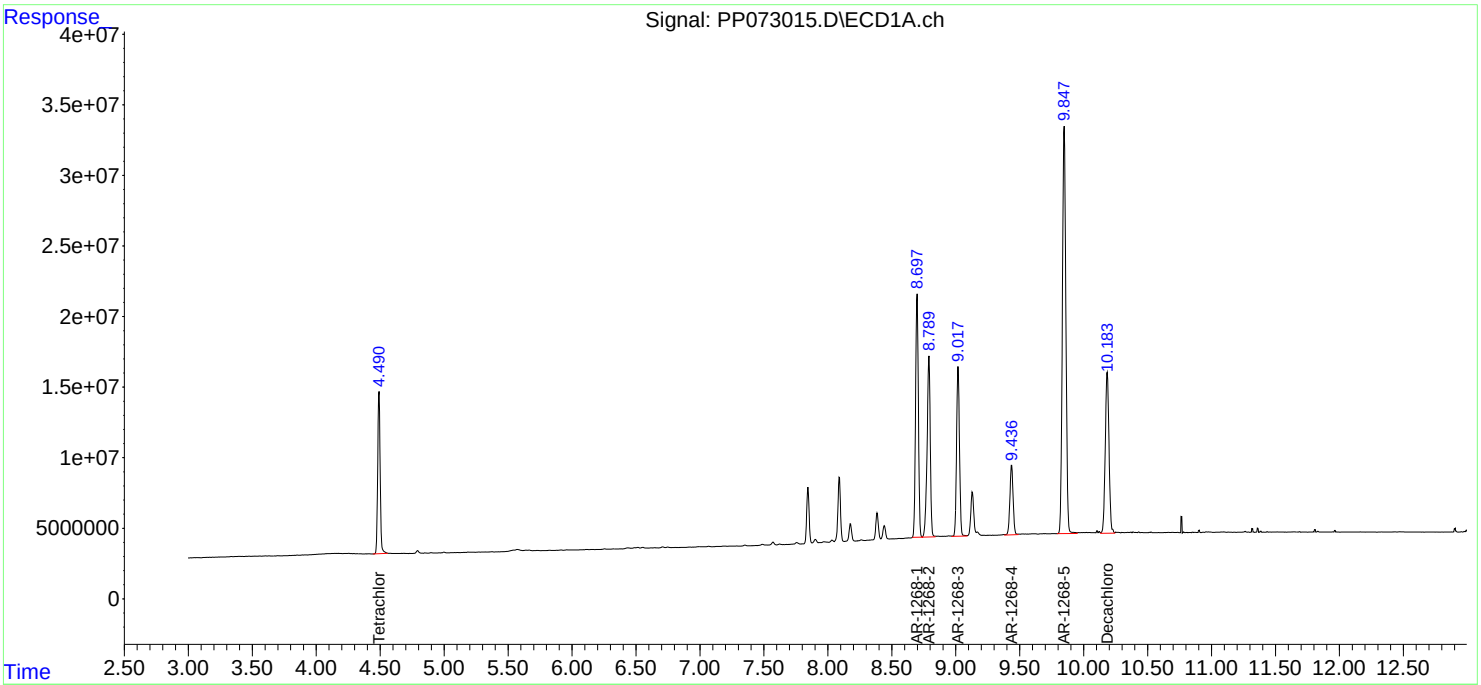
ICAL Form

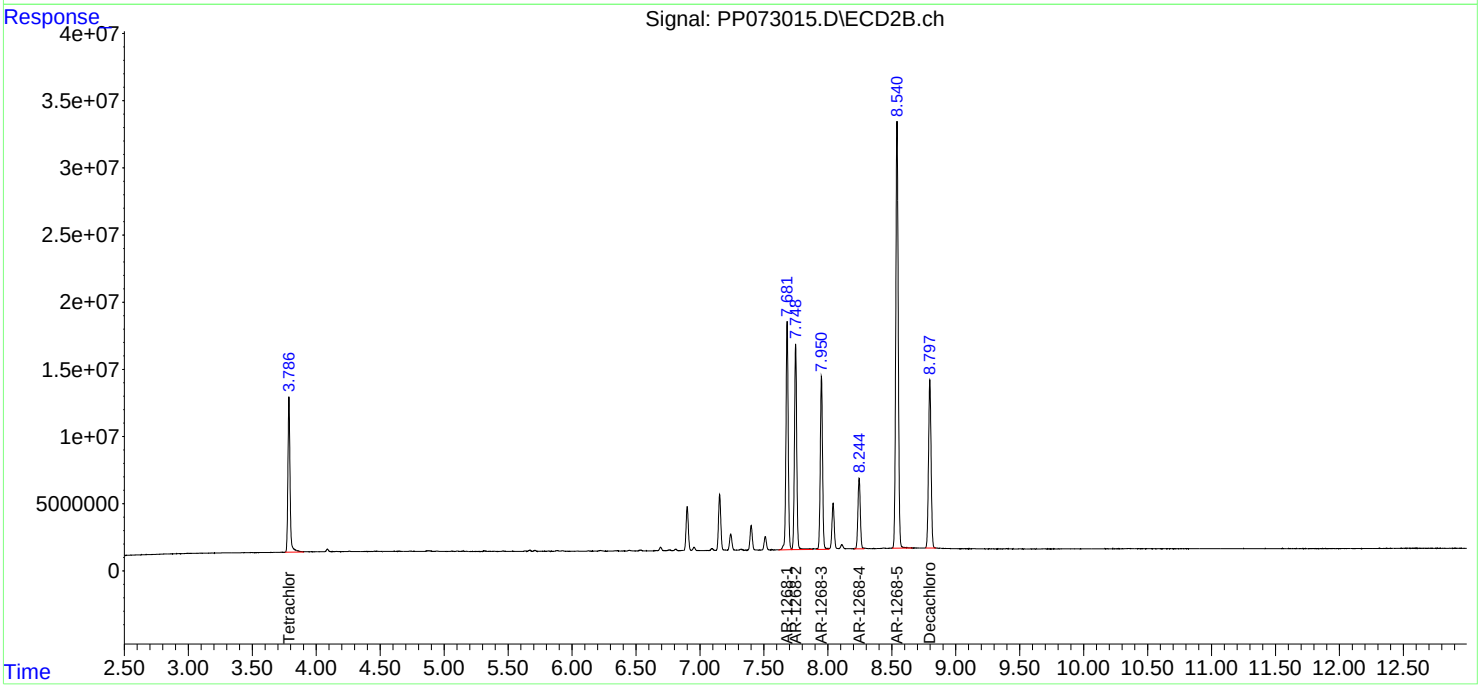
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073015.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:21
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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\PP061725\
Data File : PP073016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:37
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: Jun 18 04:53:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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...	4.492	3.787	103.3E6	91796104	50.000	50.000
2)	SA Decachlor...	10.184	8.798	160.2E6	121.9E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.698	7.682	177.9E6	140.4E6	500.000	500.000
42)	L9 AR-1268-2	8.791	7.748	151.5E6	125.9E6	500.000	500.000
43)	L9 AR-1268-3	9.019	7.950	131.1E6	105.8E6	500.000	500.000
44)	L9 AR-1268-4	9.437	8.245	59029925	46502419	500.000	500.000
45)	L9 AR-1268-5	9.849	8.542	369.3E6	293.7E6	500.000	500.000

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

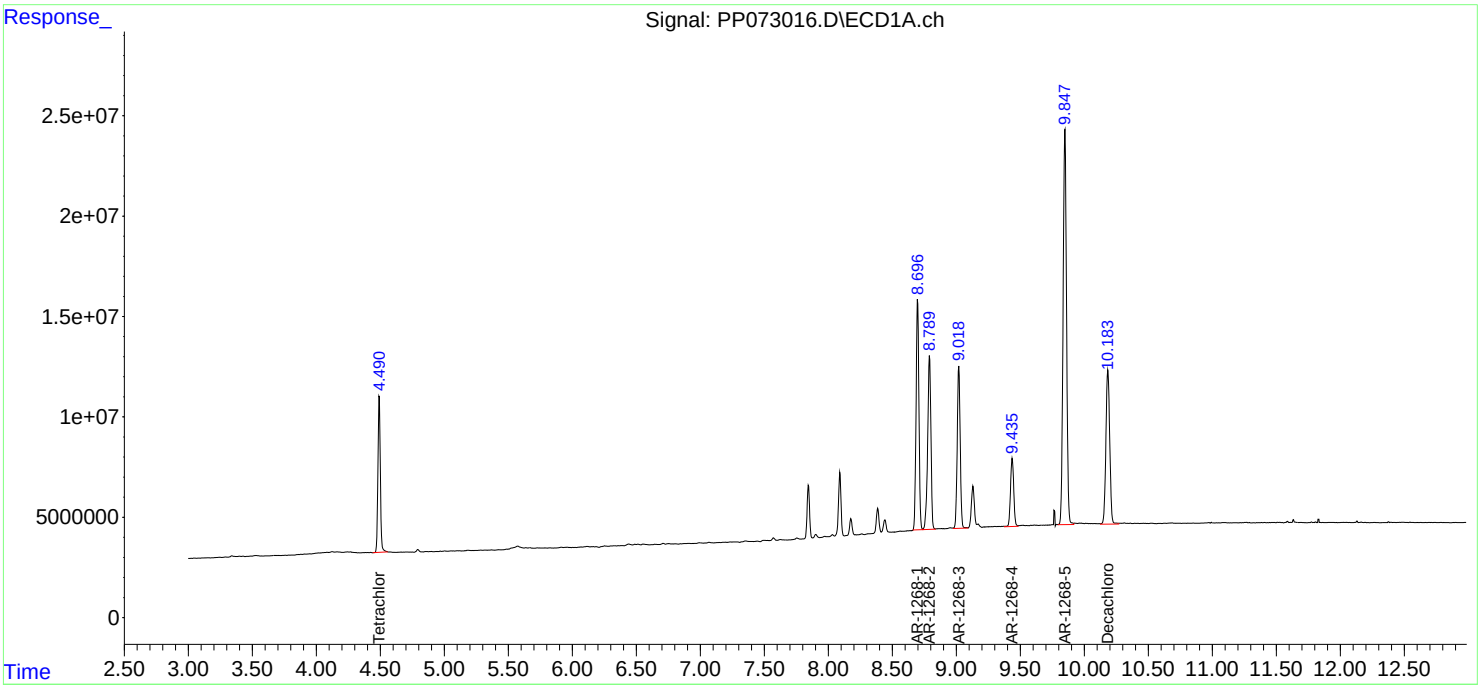
ICAL Form

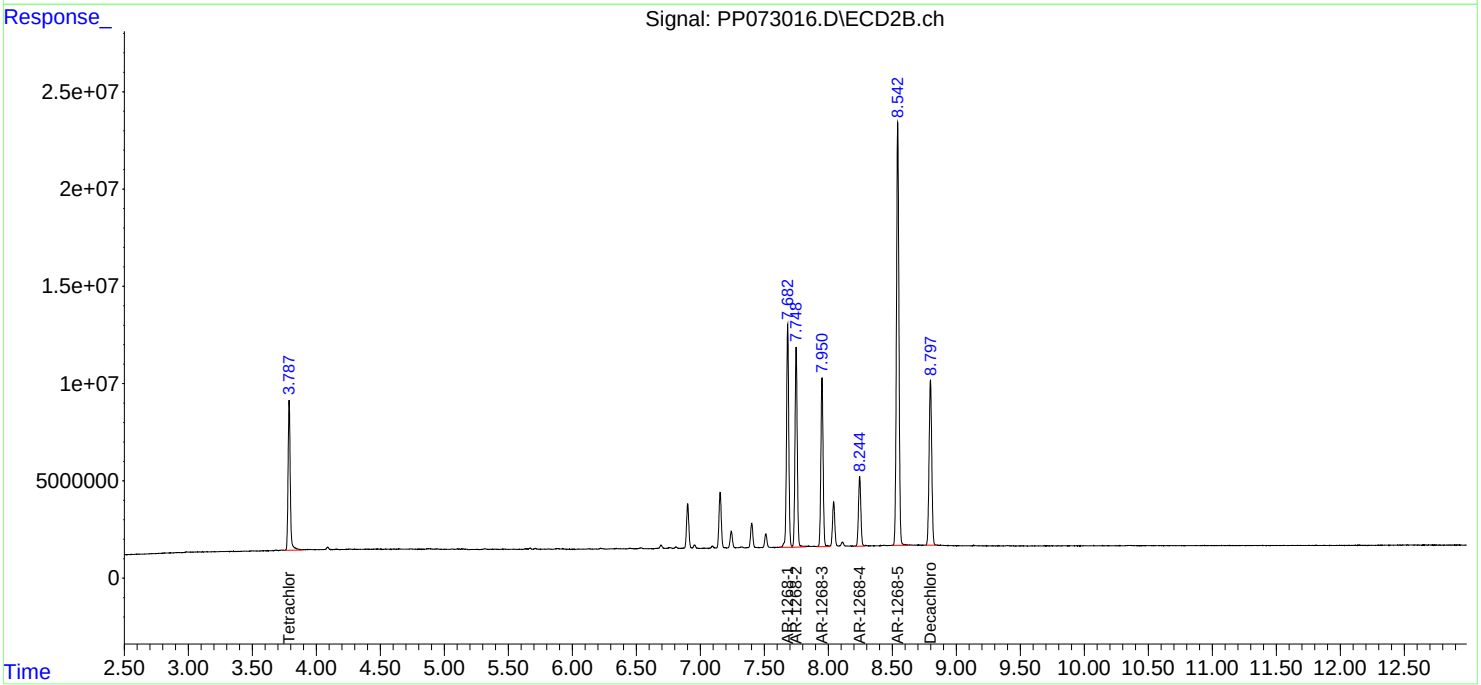
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073016.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:37
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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\PP061725\
Data File : PP073017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:53
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: Jun 18 04:53:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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...	4.496	3.787	58356921	50461433	28.236	27.486
2)	SA Decachlor...	10.188	8.798	89712688	66943275	27.993	27.448
	Target Compounds						
41)	L9 AR-1268-1	8.701	7.681	99649369	78256106	279.995	278.690
42)	L9 AR-1268-2	8.794	7.748	85229522	70075104	281.317	278.402
43)	L9 AR-1268-3	9.023	7.951	73808064	57897140	281.523	273.672
44)	L9 AR-1268-4	9.440	8.244	32217924	25871226	272.895	278.171
45)	L9 AR-1268-5	9.852	8.541	205.0E6	155.9E6	277.502	265.410

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

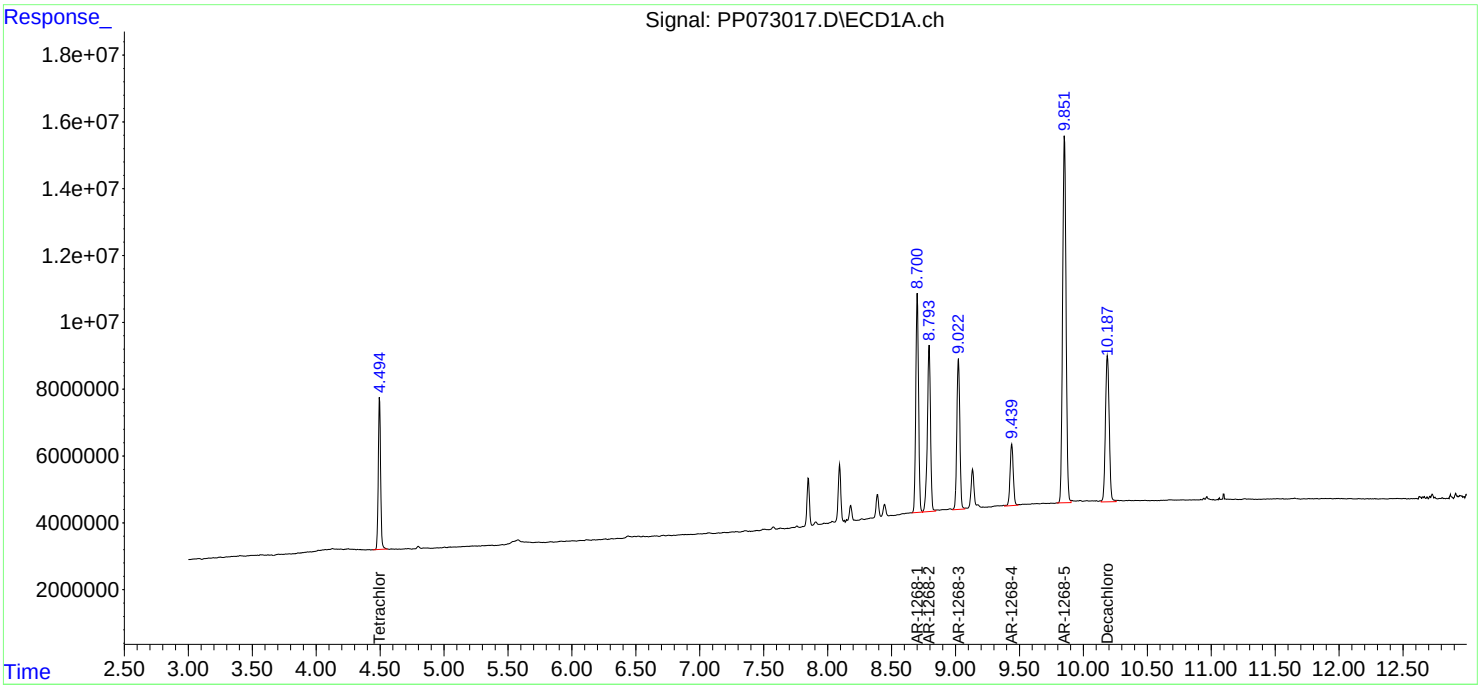
ICAL Form

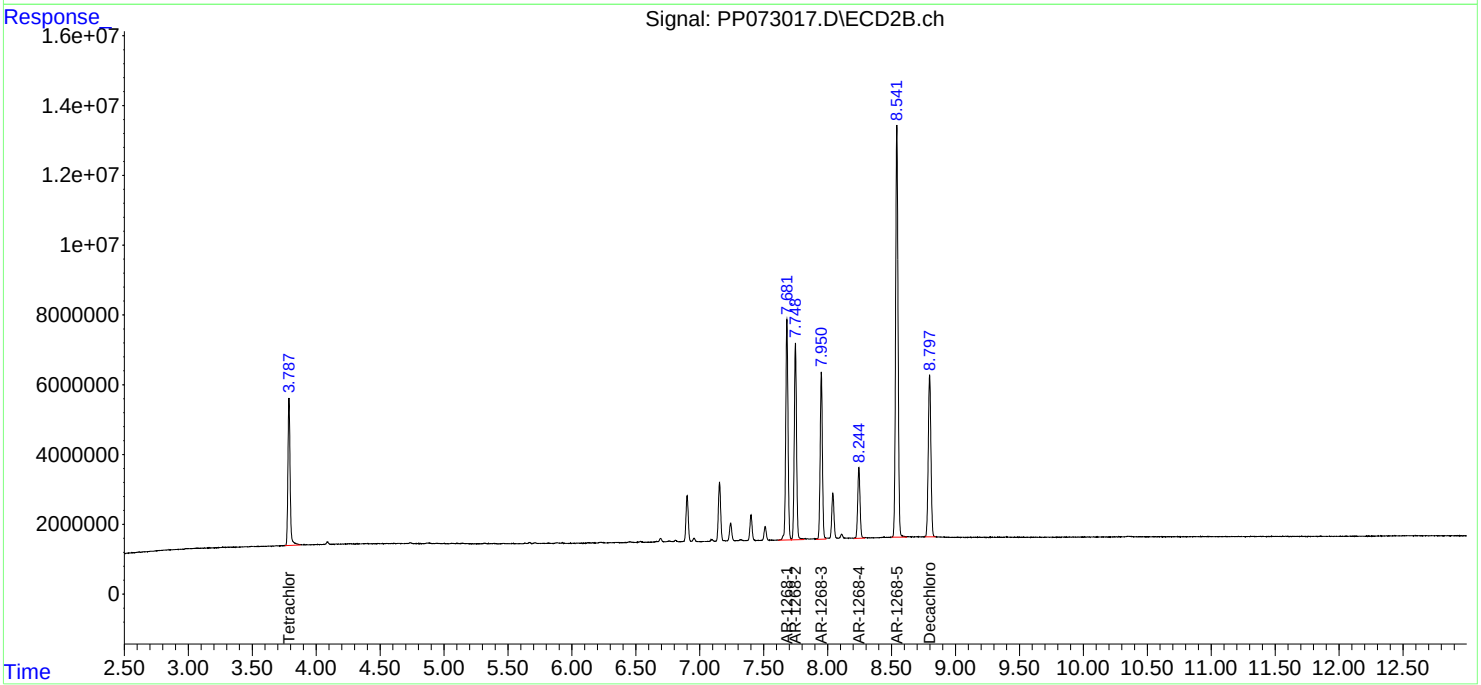
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073017.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 19:53
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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\PP061725\
Data File : PP073018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:10
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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...	4.491	3.786	10029221	9050192	4.853	4.930
2)	SA Decachlor...	10.184	8.796	15314982	12260520	4.779	5.027
	Target Compounds						
41)	L9 AR-1268-1	8.696	7.680	17254161	15048880	48.481m	53.593
42)	L9 AR-1268-2	8.790	7.746	14867672	13283145	49.074	52.773
43)	L9 AR-1268-3	9.018	7.949	13332874	11429424	50.855	54.025
44)	L9 AR-1268-4	9.436	8.244	5418847	4973715	45.899	53.478
45)	L9 AR-1268-5	9.847	8.540	34494195	28320267	46.698	48.214

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073018.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:10
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

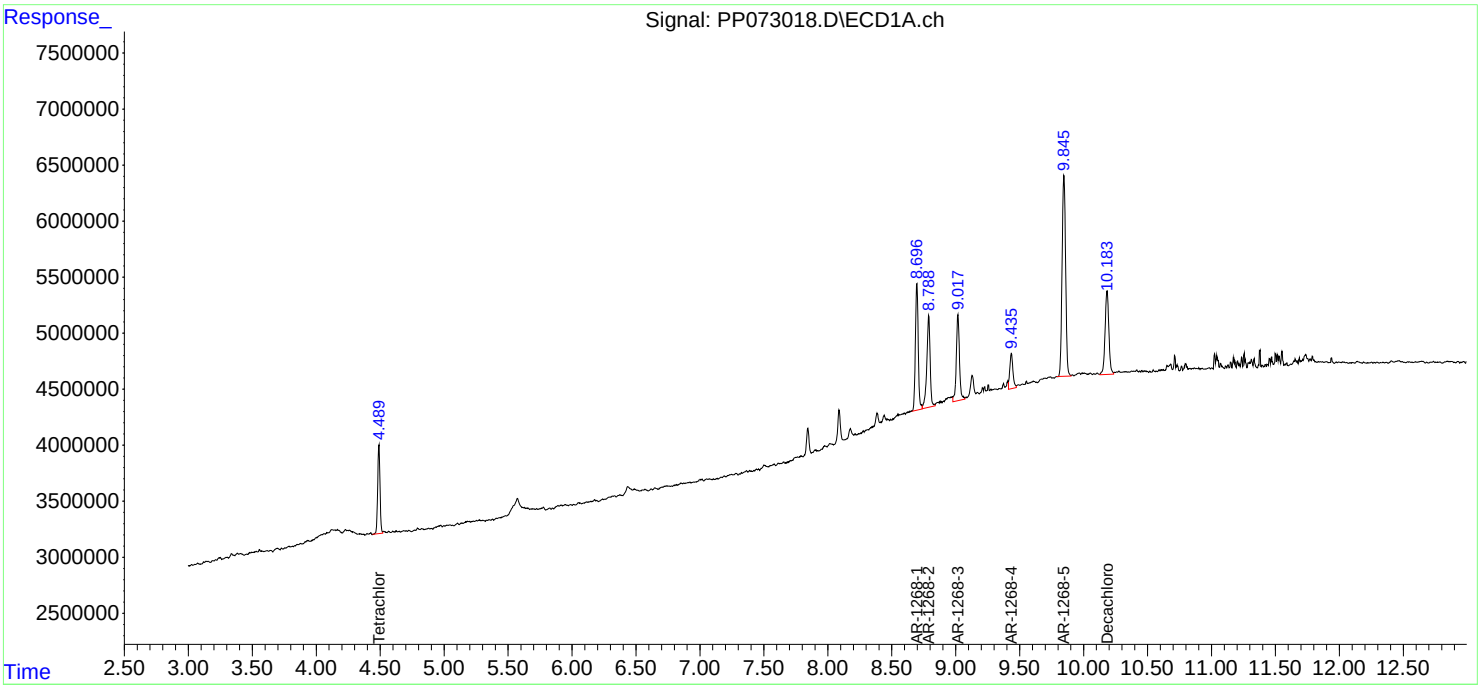
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

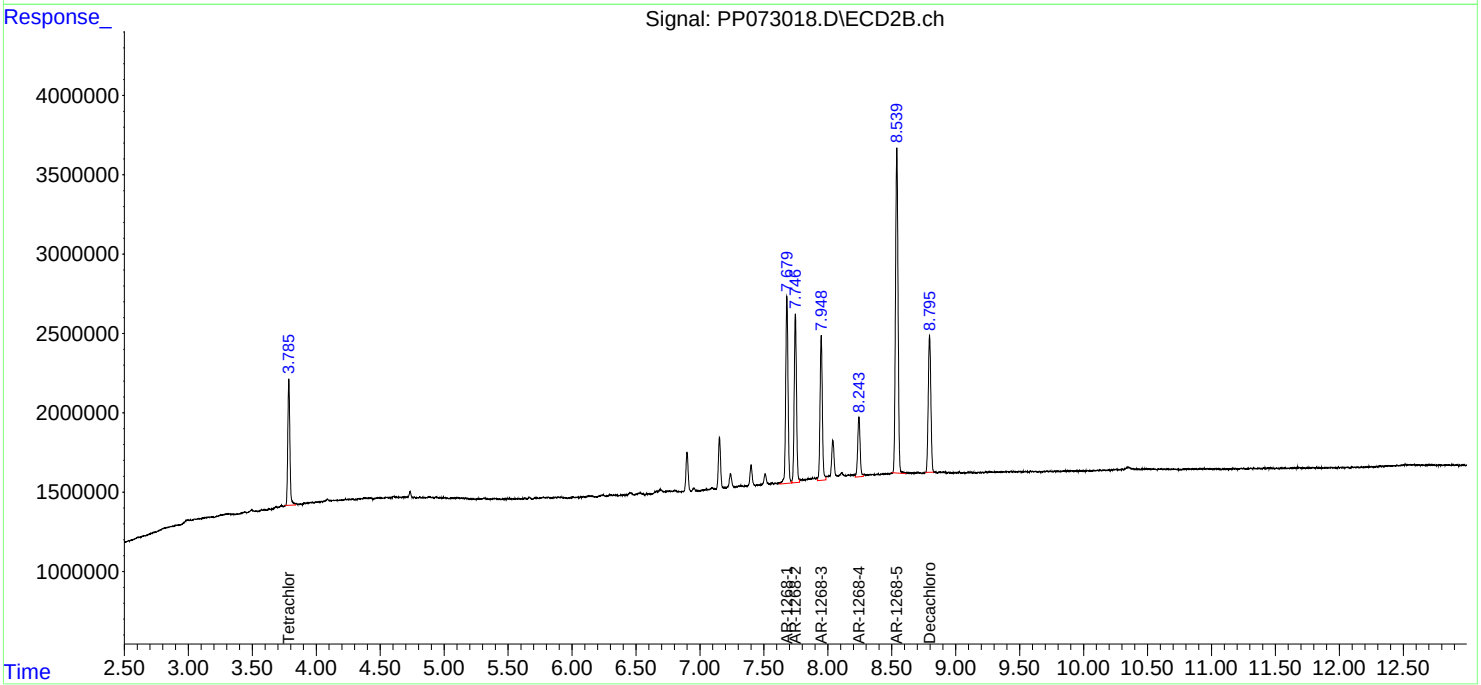
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/18/2025
Supervised By :mohammad ahmed 06/19/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 04:53:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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\PP061725\
Data File : PP073019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:26
Operator : YP\AJ
Sample : PP061725ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.491	3.787	102.4E6	84780948	48.502	47.054
2)	SA Decachlor...	10.185	8.798	88134159	65610503	51.574	49.157
	Target Compounds						
3)	L1 AR-1016-1	5.643	4.868	34283004	31370756	471.753	456.516
4)	L1 AR-1016-2	5.664	4.885	52760713	46236637	507.214	459.433
5)	L1 AR-1016-3	5.726	5.063	32353382	25682799	495.091	469.382
6)	L1 AR-1016-4	5.824	5.104	27096777	20809798	518.293	467.115
7)	L1 AR-1016-5	6.116	5.318	24656000	26955694	493.070	487.601
31)	L7 AR-1260-1	7.233	6.349	45281165	44988738	513.314	474.912
32)	L7 AR-1260-2	7.487	6.538	66977494	55045689	492.903	472.754
33)	L7 AR-1260-3	7.844	6.690	57882518	49928991	507.064	479.344
34)	L7 AR-1260-4	8.069	7.159	53835037	41317033	522.439	470.911
35)	L7 AR-1260-5	8.387	7.402	123.5E6	100.9E6	513.243	472.947

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

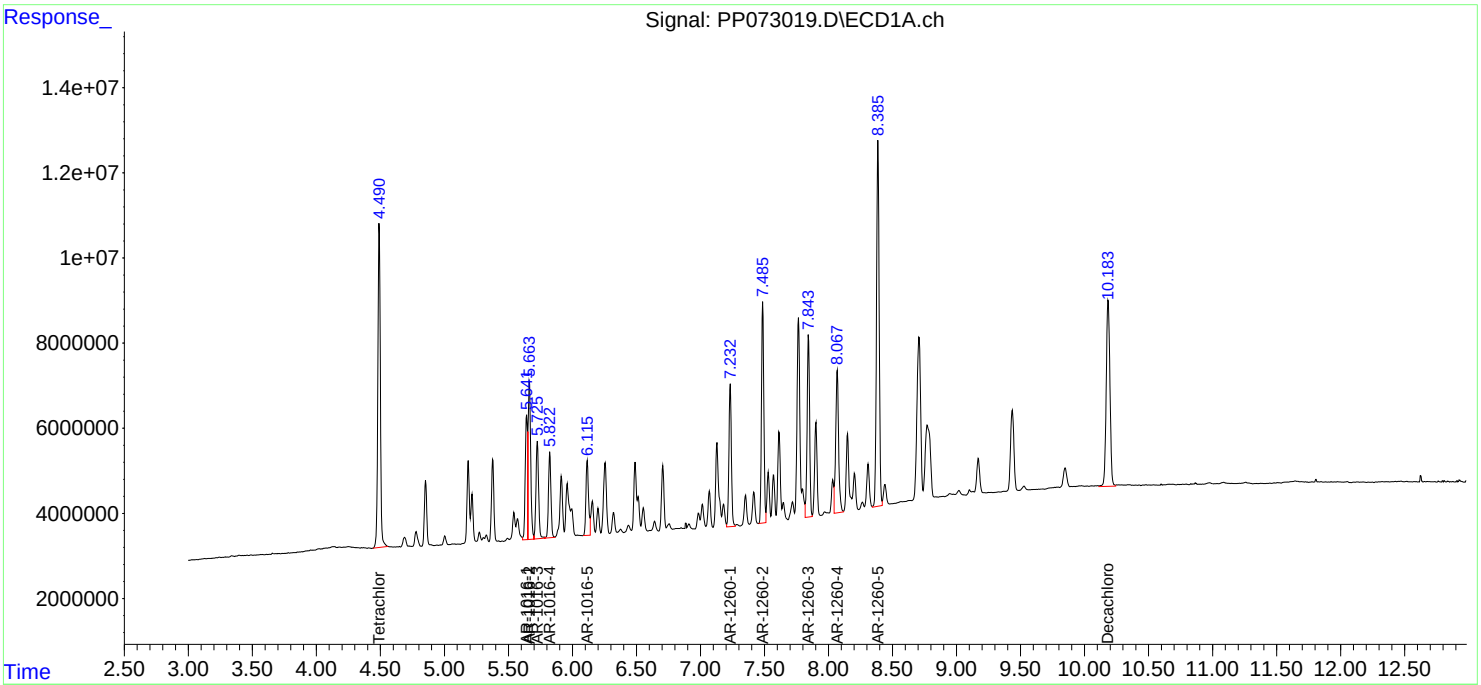
ICAL Form

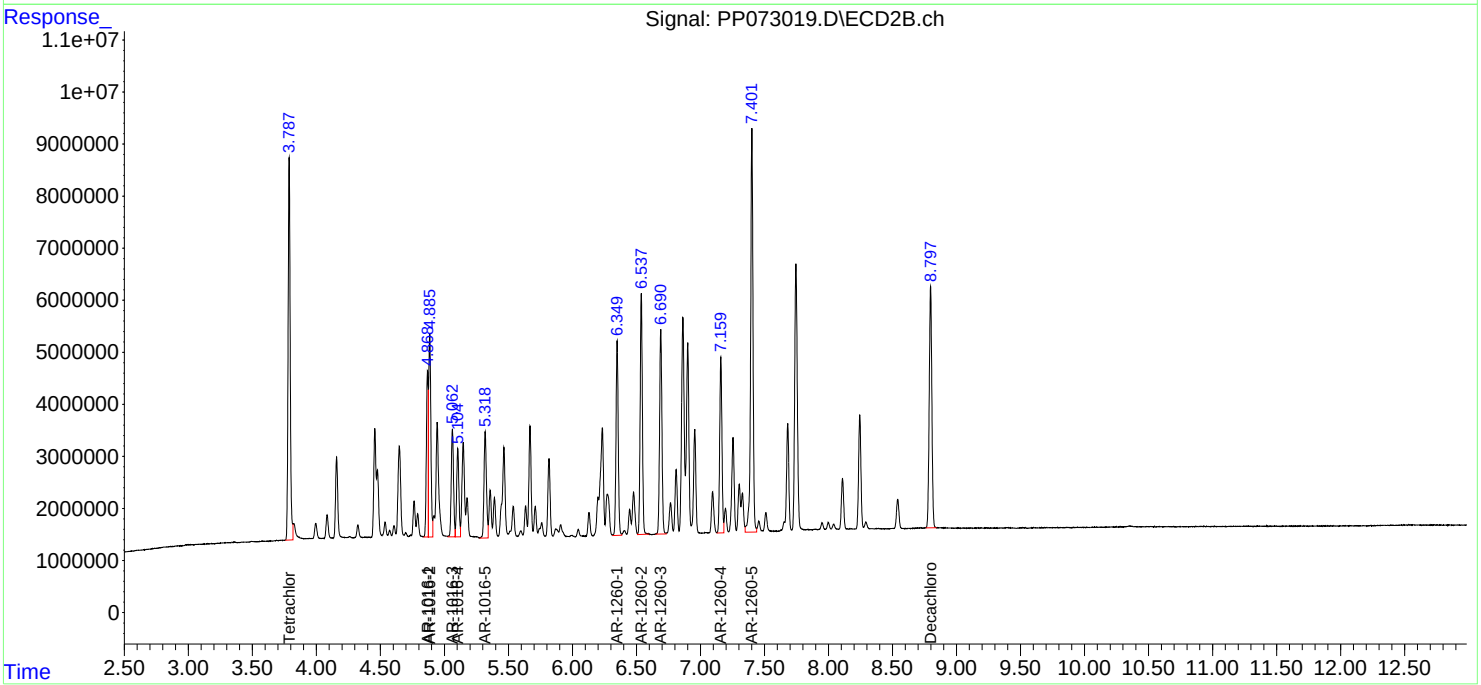
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073019.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:26
Operator : YP\AJ
Sample : PP061725ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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\PP061725\
Data File : PP073020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:59
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.492	3.787	102.7E6	89165293	48.676	49.487
2)	SA Decachlor...	10.185	8.797	89832377	67954033	52.568	50.913
	Target Compounds						
16)	L4 AR-1242-1	5.644	4.867	30486412	27109139	521.695	490.939
17)	L4 AR-1242-2	5.665	4.885	45319999	40235770	523.602	506.197
18)	L4 AR-1242-3	5.727	5.061	27904882	22310119	529.427	515.186
19)	L4 AR-1242-4	5.825	5.146	23738448	21455150	540.023	516.944
20)	L4 AR-1242-5	6.555	5.668	24940736	26914596	503.247	511.815

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

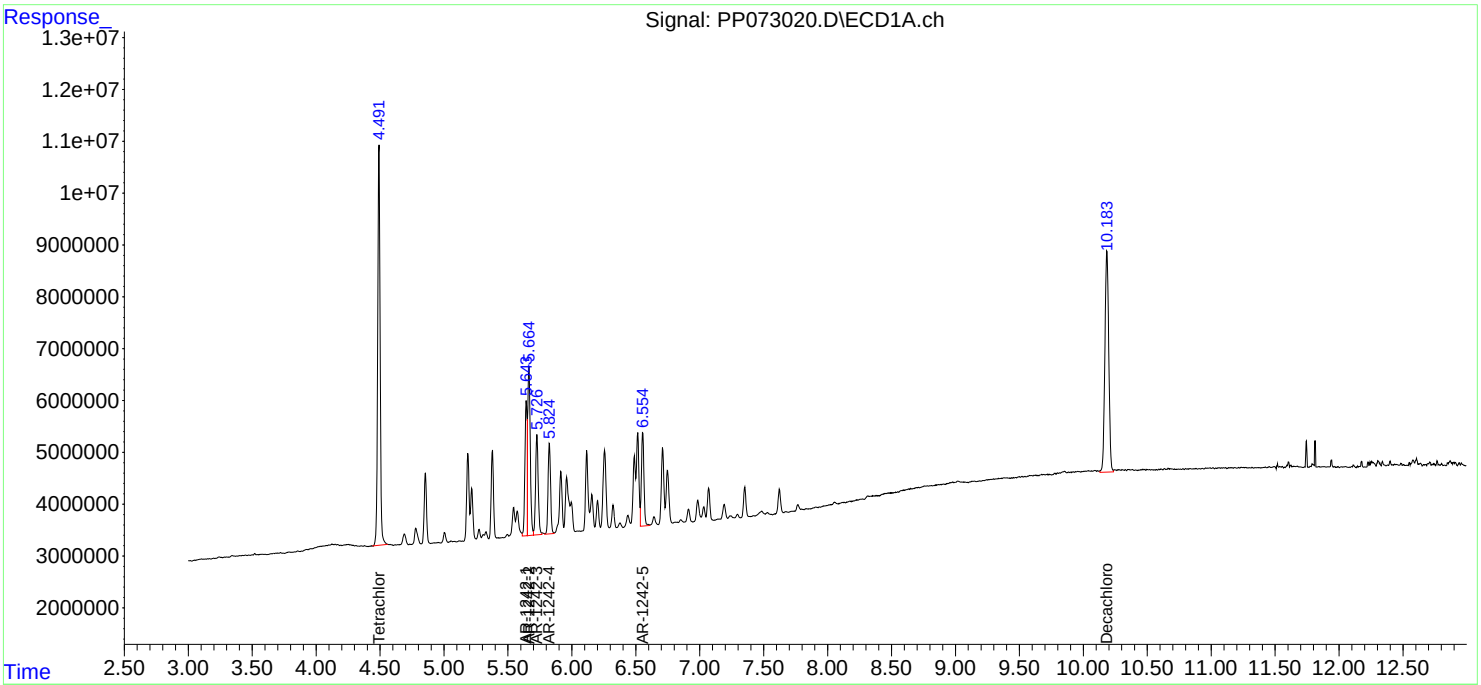
ICAL Form

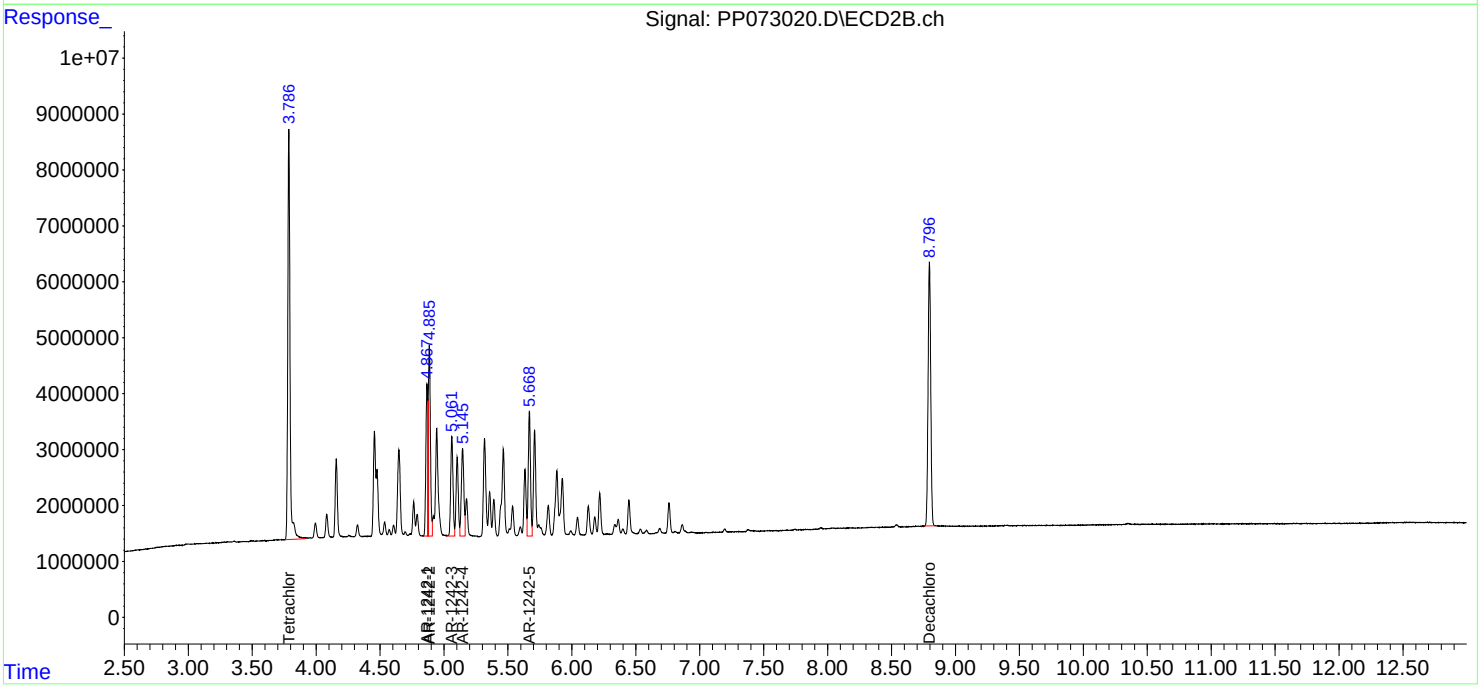
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073020.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 20:59
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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\PP061725\
Data File : PP073021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 21:31
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.491	3.788	96332820	84471045	45.638	46.882
2)	SA Decachlor...	10.185	8.797	87789069	66241560	51.372	49.630
	Target Compounds						
21)	L5 AR-1248-1	5.642	4.868	22394116	21077306	470.777	483.531
22)	L5 AR-1248-2	5.913	5.104	29019975	29078731	495.636	496.261
23)	L5 AR-1248-3	6.116	5.146	32767571	30301180	502.190	500.481
24)	L5 AR-1248-4	6.515	5.318	40583980	35267510	477.097	503.660
25)	L5 AR-1248-5	6.554	5.709	39935951	35247945	477.171	496.227

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

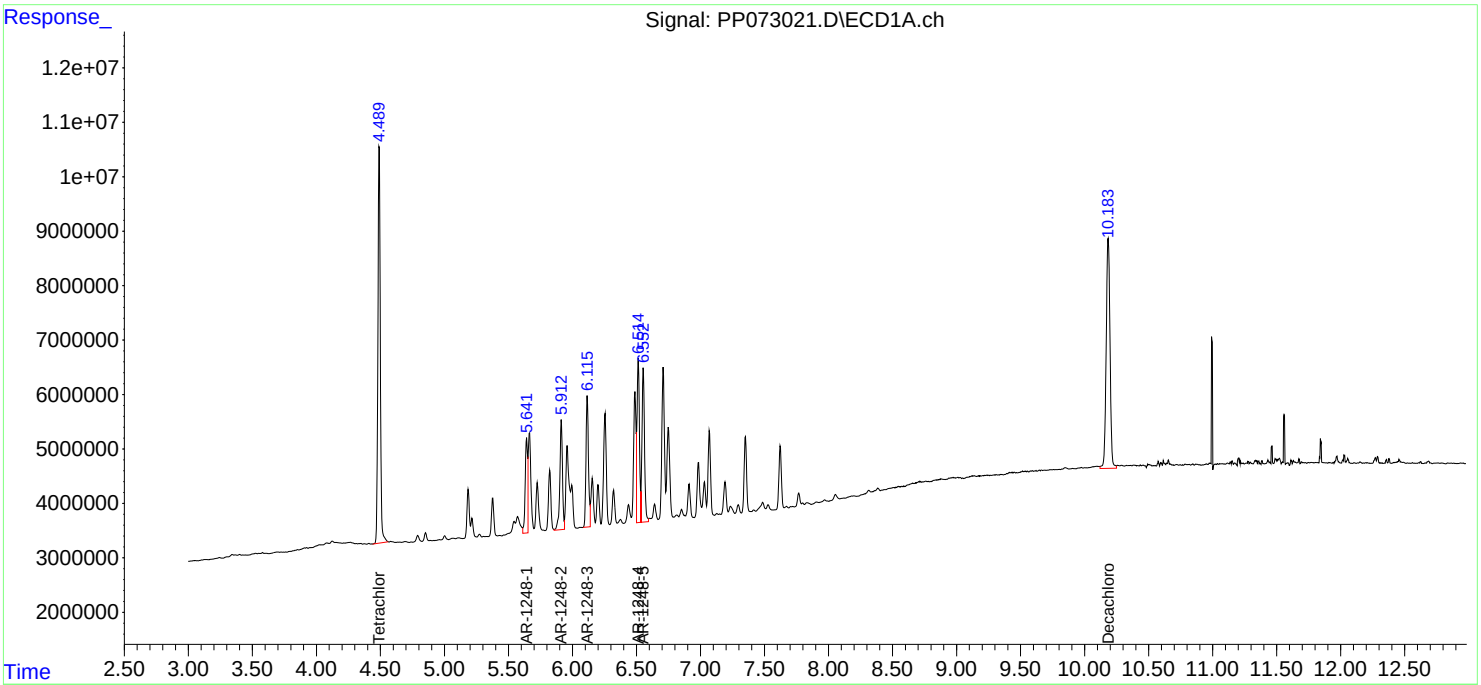
ICAL Form

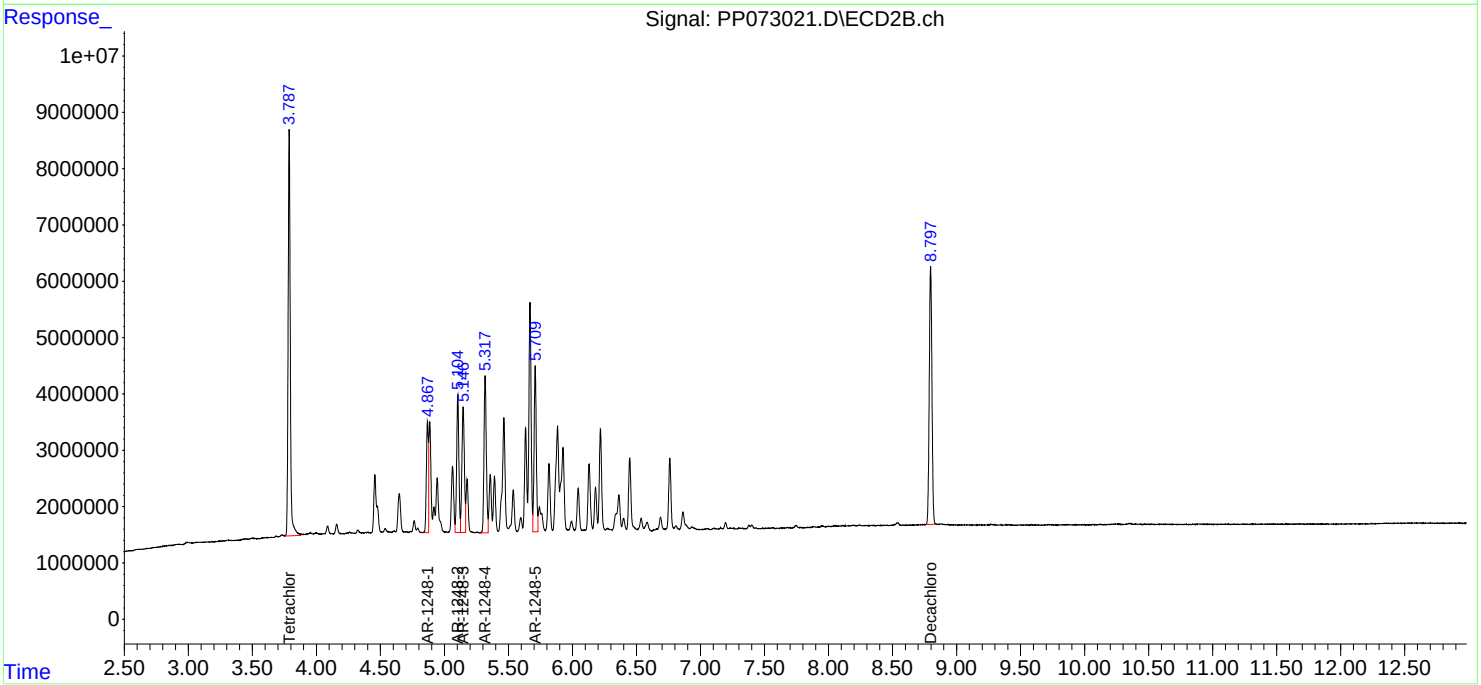
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073021.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 21:31
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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\PP061725\
Data File : PP073022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:04
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.492	3.787	100.8E6	90635205	47.763	50.303
2)	SA Decachlor...	10.185	8.796	89050275	67270654	52.110	50.401
	Target Compounds						
26)	L6 AR-1254-1	6.491	5.668	40577578	54215134	482.068	494.438
27)	L6 AR-1254-2	6.708	5.816	61535998	46665321	490.714	493.571
28)	L6 AR-1254-3	7.070	6.219	65365148	73632402	498.168	499.043
29)	L6 AR-1254-4	7.353	6.447	59152495	48272969	493.827	497.142
30)	L6 AR-1254-5	7.769	6.863	57656763	64307157	504.626	494.812

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

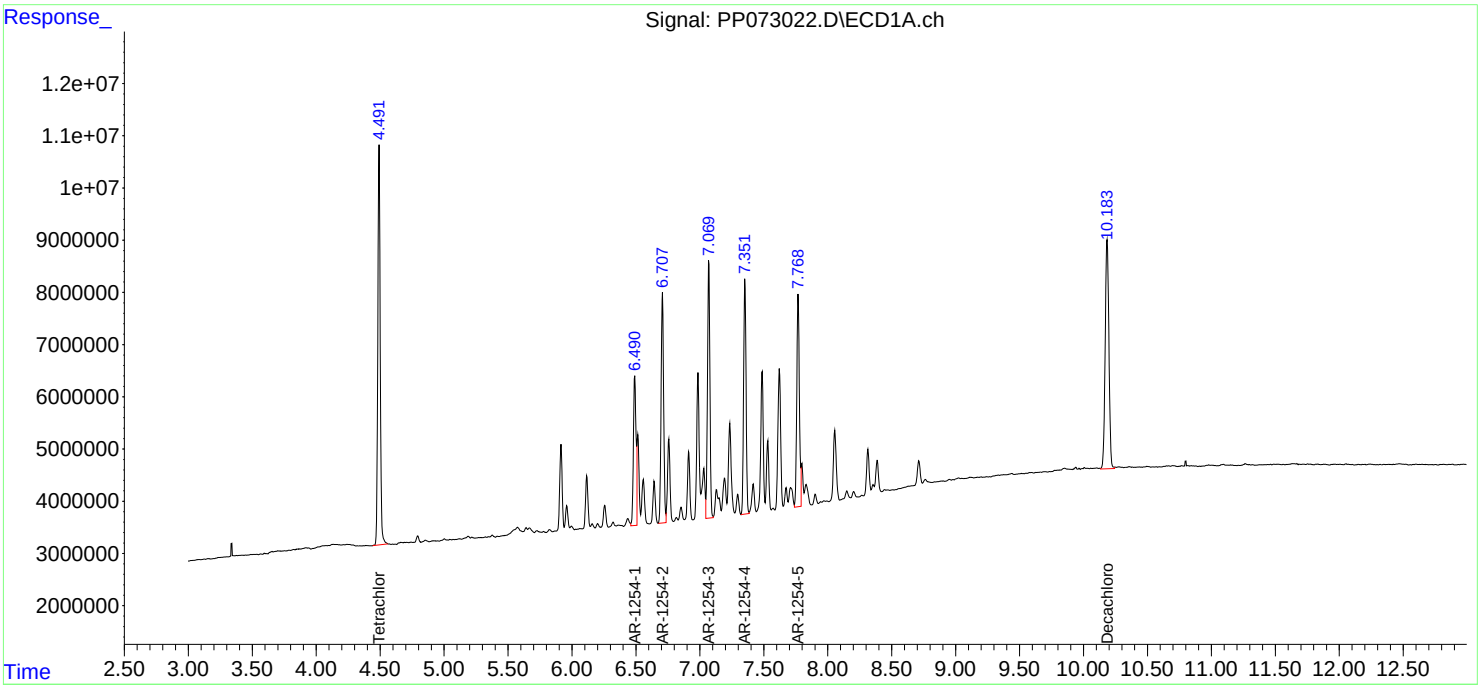
ICAL Form

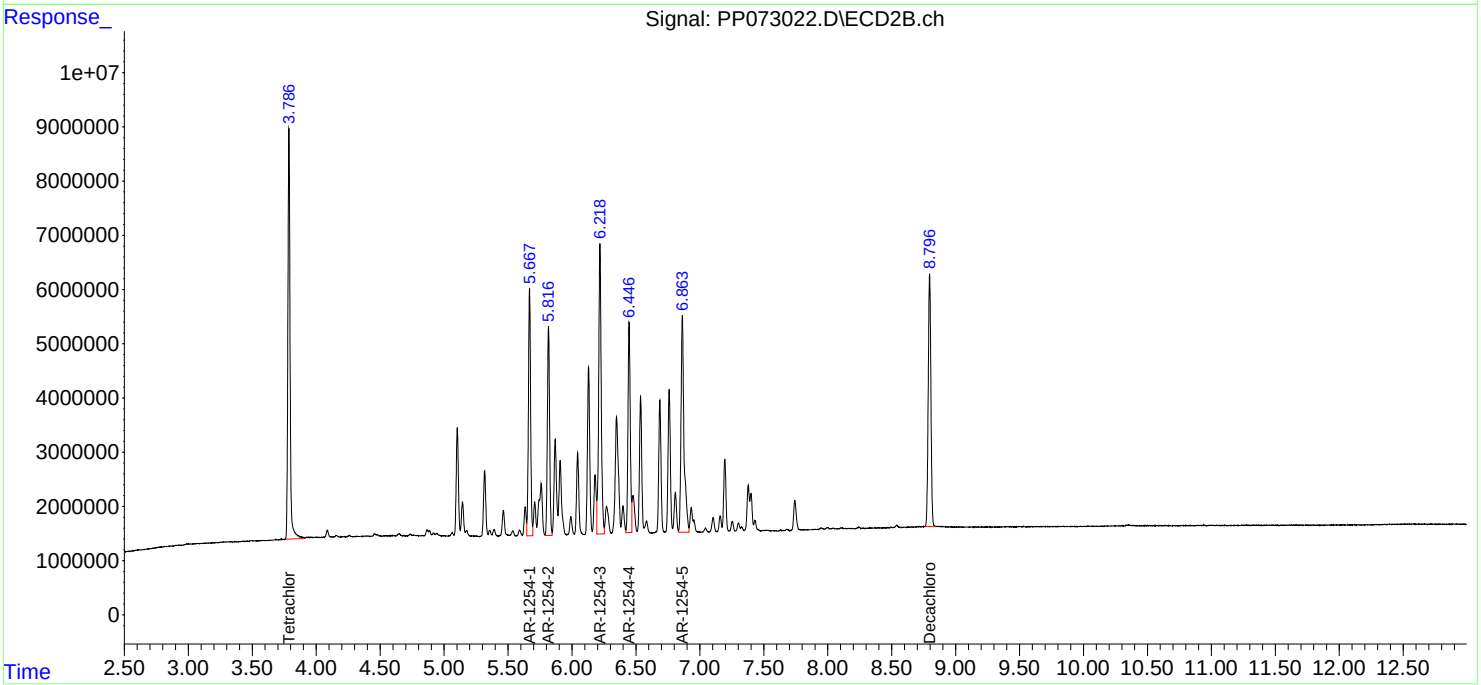
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073022.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:04
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:20:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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\PP061725\
Data File : PP073023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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...	4.491	3.787	102.8E6	91641432	49.493	49.381
2)	SA Decachlor...	10.184	8.798	161.0E6	120.6E6	50.410	49.836
	Target Compounds						
41)	L9 AR-1268-1	8.697	7.682	180.3E6	139.3E6	504.162	484.854
42)	L9 AR-1268-2	8.790	7.748	153.4E6	124.7E6	502.844	485.113
43)	L9 AR-1268-3	9.018	7.950	133.9E6	106.1E6	504.198	491.379
44)	L9 AR-1268-4	9.436	8.245	59010619	45823713	504.258	486.526
45)	L9 AR-1268-5	9.848	8.541	368.3E6	290.5E6	497.887	501.924

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

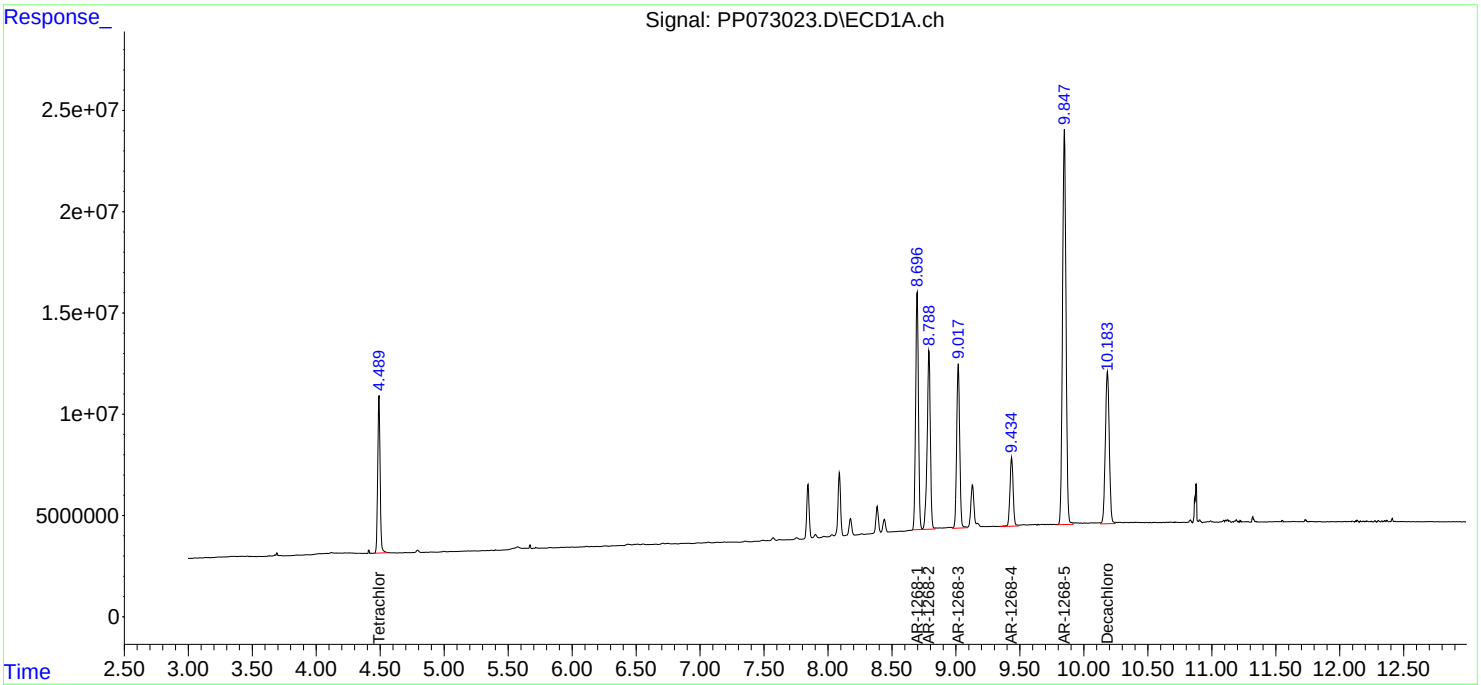
ICAL Form

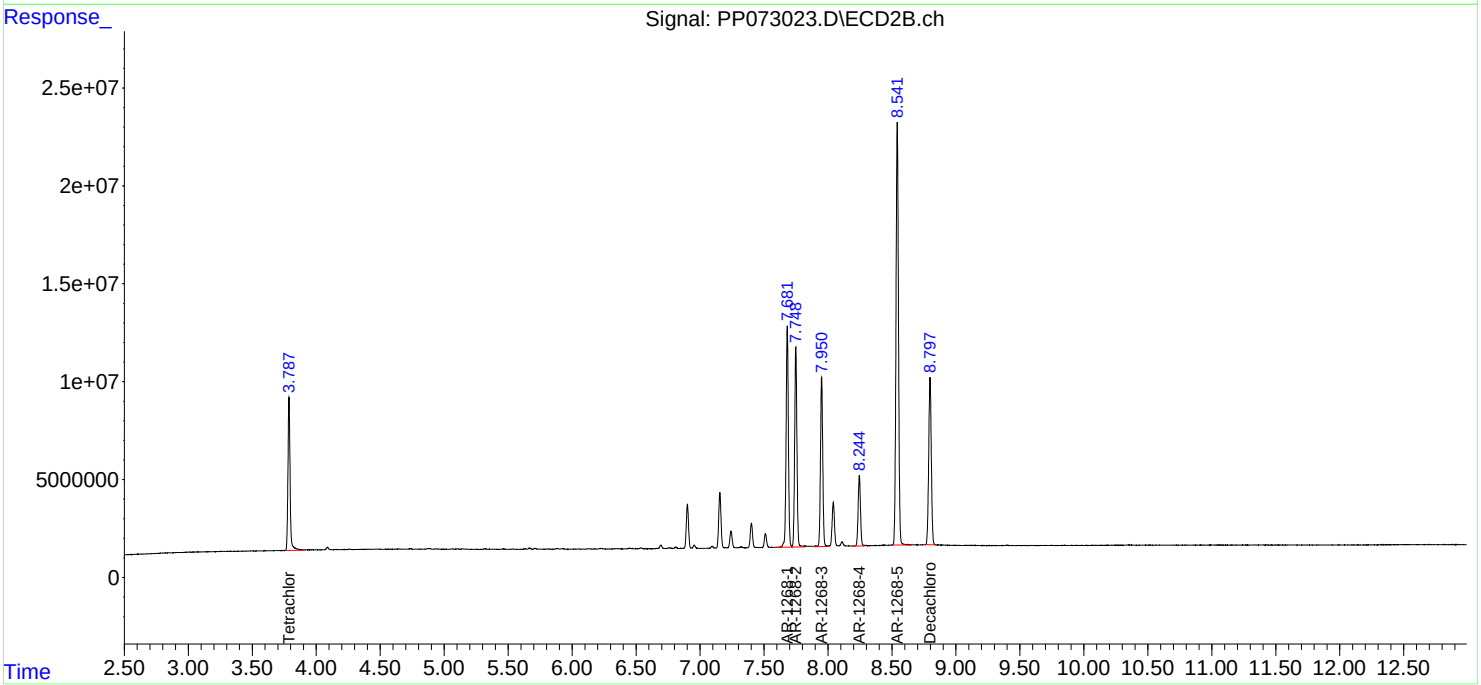
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP073023.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 22:37
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP061725

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 05:07:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 04:47:35 2025
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: **PO111858.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/11/2025 06/11/2025

Continuing Calib Time: 10:06 **Initial Calibration Time(s):** 10:40 18:31

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)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-2	(2)	4.79	4.78	4.68	4.88	-0.01
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.22	5.22	5.12	5.32	0.00
Aroclor-1260-1	(1)	6.26	6.26	6.16	6.36	0.00
Aroclor-1260-2	(2)	6.45	6.45	6.35	6.55	0.00
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.32	7.32	7.22	7.42	0.00
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00

Raw Data: **PO111858.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/11/2025 06/11/2025

Continuing Calib Time: 10:06 **Initial Calibration Time(s):** 10:40 18:31

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)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111858.D **Time Analyzed:** 10:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.767	4.666	4.866	493.110	500.000	-1.4
Aroclor-1016-2	4.786	4.684	4.884	509.120	500.000	1.8
Aroclor-1016-3	4.842	4.741	4.941	505.140	500.000	1.0
Aroclor-1016-4	4.962	4.861	5.061	503.830	500.000	0.8
Aroclor-1016-5	5.220	5.118	5.318	530.310	500.000	6.1
Aroclor-1260-1	6.258	6.157	6.357	513.670	500.000	2.7
Aroclor-1260-2	6.448	6.346	6.546	553.480	500.000	10.7
Aroclor-1260-3	6.813	6.713	6.913	575.780	500.000	15.2
Aroclor-1260-4	7.074	6.972	7.172	564.630	500.000	12.9
Aroclor-1260-5	7.316	7.216	7.416	545.190	500.000	9.0
Decachlorobiphenyl	8.712	8.612	8.812	48.170	50.000	-3.7
Tetrachloro-m-xylene	3.679	3.577	3.777	53.720	50.000	7.4

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL01 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111858.D **Time Analyzed:** 10:06

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.747	4.651	4.851	495.750	500.000	-0.9
Aroclor-1016-2	4.766	4.669	4.869	504.470	500.000	0.9
Aroclor-1016-3	4.941	4.844	5.044	501.230	500.000	0.2
Aroclor-1016-4	4.984	4.887	5.087	498.050	500.000	-0.4
Aroclor-1016-5	5.196	5.099	5.299	502.020	500.000	0.4
Aroclor-1260-1	6.226	6.129	6.329	501.900	500.000	0.4
Aroclor-1260-2	6.414	6.316	6.516	526.020	500.000	5.2
Aroclor-1260-3	6.566	6.469	6.669	497.850	500.000	-0.4
Aroclor-1260-4	7.036	6.939	7.139	497.700	500.000	-0.5
Aroclor-1260-5	7.277	7.181	7.381	508.850	500.000	1.8
Decachlorobiphenyl	8.658	8.561	8.761	47.550	50.000	-4.9
Tetrachloro-m-xylene	3.671	3.573	3.773	49.570	50.000	-0.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 10:06
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.679	3.671	309.4E6	278.4E6	53.723	49.568
2)	SA Decachlor...	8.712	8.658	252.9E6	84526114	48.171	47.549
	Target Compounds						
3)	L1 AR-1016-1	4.767	4.747	117.6E6	97548162	493.110	495.754
4)	L1 AR-1016-2	4.786	4.766	169.4E6	143.7E6	509.115	504.466
5)	L1 AR-1016-3	4.842	4.941	116.3E6	75304947	505.137	501.233
6)	L1 AR-1016-4	4.962	4.984	93442061	60656715	503.832	498.055
7)	L1 AR-1016-5	5.220	5.196	98978526	79921356	530.308	502.023
31)	L7 AR-1260-1	6.258	6.226	182.5E6	125.9E6	513.671	501.900
32)	L7 AR-1260-2	6.448	6.414	261.5E6	154.7E6	553.476	526.019
33)	L7 AR-1260-3	6.813	6.566	244.5E6	133.0E6	575.783	497.848
34)	L7 AR-1260-4	7.074	7.036	177.5E6	94611649	564.631	497.704
35)	L7 AR-1260-5	7.316	7.277	449.1E6	216.3E6	545.194	508.853

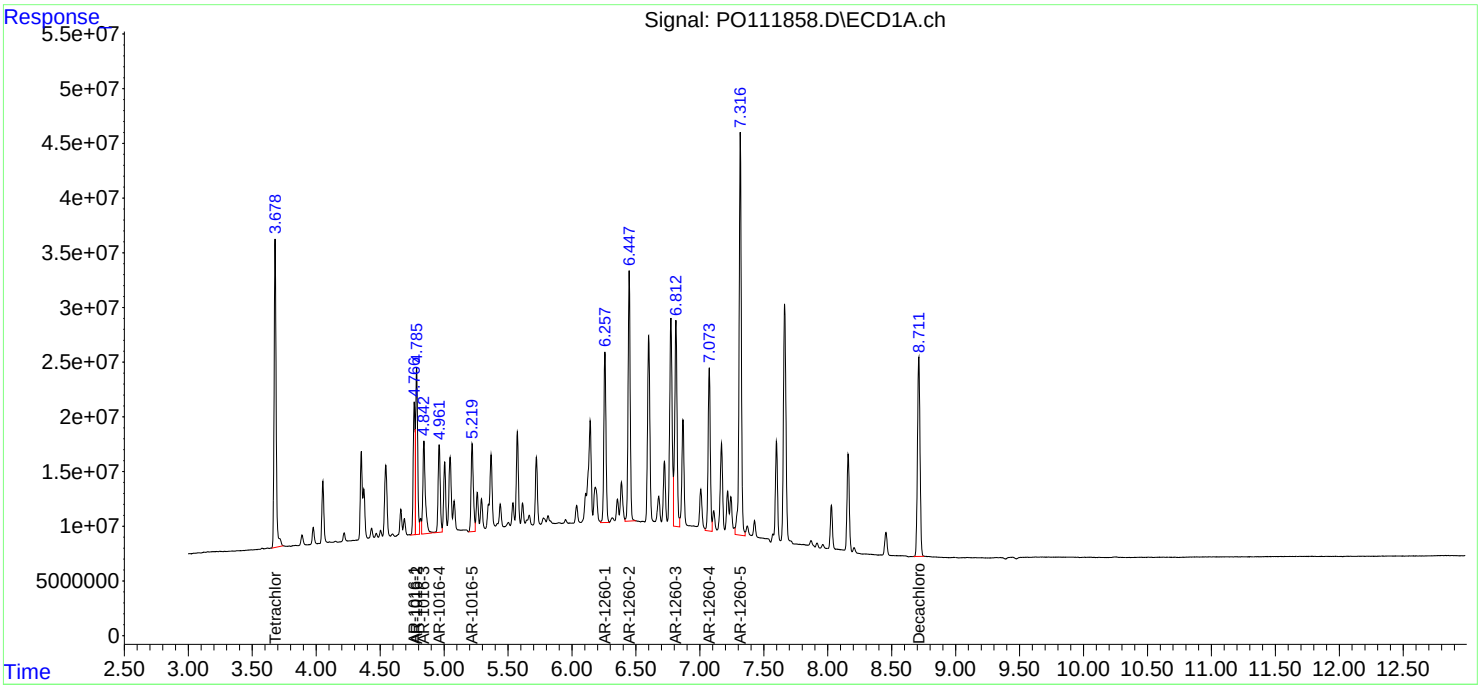
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

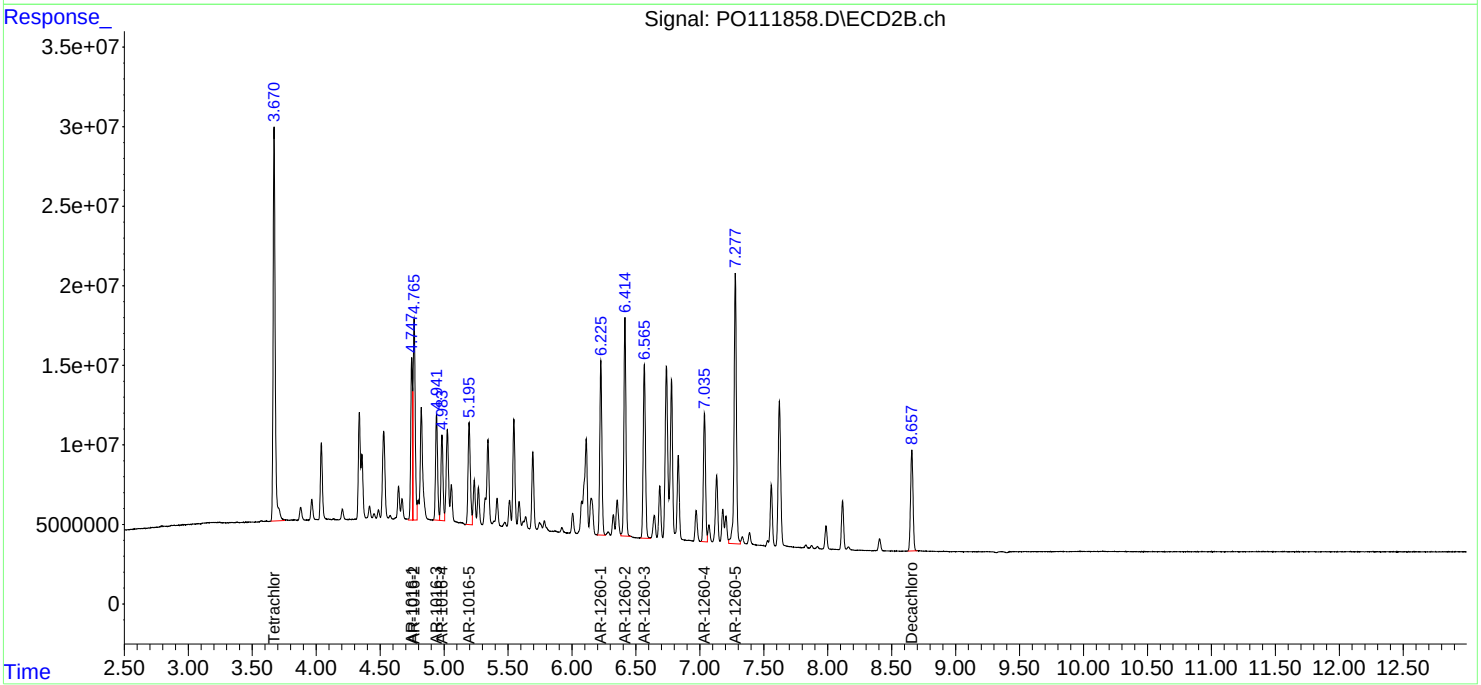
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 10:06
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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: **PO111871.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/11/2025 06/11/2025

Continuing Calib Time: 15:37 **Initial Calibration Time(s):** 10:40 18:31

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)	4.76	4.77	4.67	4.87	0.01
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.84	4.84	4.74	4.94	0.00
Aroclor-1016-4	(4)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-5	(5)	5.22	5.22	5.12	5.32	0.00
Aroclor-1260-1	(1)	6.25	6.26	6.16	6.36	0.01
Aroclor-1260-2	(2)	6.44	6.45	6.35	6.55	0.01
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.00
Aroclor-1260-4	(4)	7.07	7.07	6.97	7.17	0.00
Aroclor-1260-5	(5)	7.31	7.32	7.22	7.42	0.01
Tetrachloro-m-xylene		3.68	3.68	3.58	3.78	0.00
Decachlorobiphenyl		8.71	8.71	8.61	8.81	0.00

Raw Data: **PO111871.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/11/2025 06/11/2025

Continuing Calib Time: 15:37 **Initial Calibration Time(s):** 10:40 18:31

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)	4.75	4.75	4.65	4.85	0.00
Aroclor-1016-2	(2)	4.77	4.77	4.67	4.87	0.00
Aroclor-1016-3	(3)	4.94	4.94	4.84	5.04	0.00
Aroclor-1016-4	(4)	4.98	4.99	4.89	5.09	0.01
Aroclor-1016-5	(5)	5.20	5.20	5.10	5.30	0.00
Aroclor-1260-1	(1)	6.23	6.23	6.13	6.33	0.00
Aroclor-1260-2	(2)	6.41	6.42	6.32	6.52	0.01
Aroclor-1260-3	(3)	6.57	6.57	6.47	6.67	0.00
Aroclor-1260-4	(4)	7.04	7.04	6.94	7.14	0.00
Aroclor-1260-5	(5)	7.28	7.28	7.18	7.38	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.66	8.66	8.56	8.76	0.00

Alliance TECHNICAL GROUP

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111871.D **Time Analyzed:** 15:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.764	4.666	4.866	475.480	500.000	-4.9
Aroclor-1016-2	4.783	4.684	4.884	494.560	500.000	-1.1
Aroclor-1016-3	4.840	4.741	4.941	485.280	500.000	-2.9
Aroclor-1016-4	4.960	4.861	5.061	484.640	500.000	-3.1
Aroclor-1016-5	5.217	5.118	5.318	505.120	500.000	1.0
Aroclor-1260-1	6.254	6.157	6.357	486.680	500.000	-2.7
Aroclor-1260-2	6.444	6.346	6.546	527.440	500.000	5.5
Aroclor-1260-3	6.811	6.713	6.913	531.610	500.000	6.3
Aroclor-1260-4	7.070	6.972	7.172	535.590	500.000	7.1
Aroclor-1260-5	7.313	7.216	7.416	516.860	500.000	3.4
Decachlorobiphenyl	8.708	8.612	8.812	45.020	50.000	-10.0
Tetrachloro-m-xylene	3.676	3.577	3.777	51.620	50.000	3.2

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/11/2025 06/11/2025

Client Sample No.: CCAL02 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PO111871.D **Time Analyzed:** 15:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.749	4.651	4.851	492.000	500.000	-1.6
Aroclor-1016-2	4.767	4.669	4.869	498.410	500.000	-0.3
Aroclor-1016-3	4.942	4.844	5.044	493.840	500.000	-1.2
Aroclor-1016-4	4.984	4.887	5.087	490.000	500.000	-2.0
Aroclor-1016-5	5.196	5.099	5.299	486.890	500.000	-2.6
Aroclor-1260-1	6.226	6.129	6.329	482.400	500.000	-3.5
Aroclor-1260-2	6.414	6.316	6.516	502.890	500.000	0.6
Aroclor-1260-3	6.566	6.469	6.669	475.680	500.000	-4.9
Aroclor-1260-4	7.036	6.939	7.139	469.160	500.000	-6.2
Aroclor-1260-5	7.277	7.181	7.381	474.960	500.000	-5.0
Decachlorobiphenyl	8.656	8.561	8.761	46.490	50.000	-7.0
Tetrachloro-m-xylene	3.672	3.573	3.773	48.950	50.000	-2.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:37
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.676	3.672	297.3E6	274.9E6	51.622	48.946
2)	SA Decachlor...	8.708	8.656	236.3E6	82639972	45.022	46.488
	Target Compounds						
3)	L1 AR-1016-1	4.764	4.749	113.4E6	96809593	475.479	492.001
4)	L1 AR-1016-2	4.783	4.767	164.6E6	142.0E6	494.562	498.409
5)	L1 AR-1016-3	4.840	4.942	111.7E6	74194326	485.275	493.841
6)	L1 AR-1016-4	4.960	4.984	89882873	59676105	484.641	490.003
7)	L1 AR-1016-5	5.217	5.196	94276533	77512010	505.116	486.889
31)	L7 AR-1260-1	6.254	6.226	172.9E6	121.0E6	486.680	482.404
32)	L7 AR-1260-2	6.444	6.414	249.2E6	147.9E6	527.443	502.891
33)	L7 AR-1260-3	6.811	6.566	225.8E6	127.1E6	531.614	475.680
34)	L7 AR-1260-4	7.070	7.036	168.4E6	89186513	535.587	469.165
35)	L7 AR-1260-5	7.313	7.277	425.8E6	201.9E6	516.863	474.955

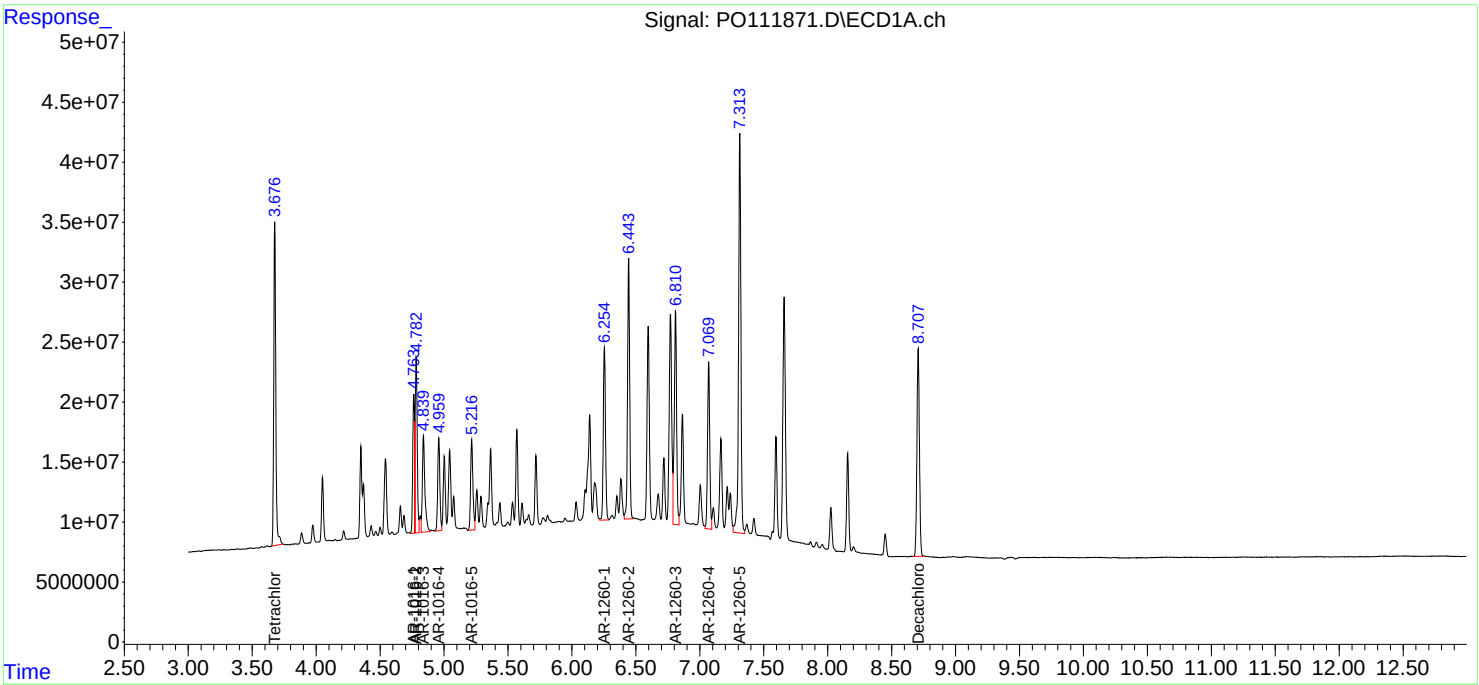
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

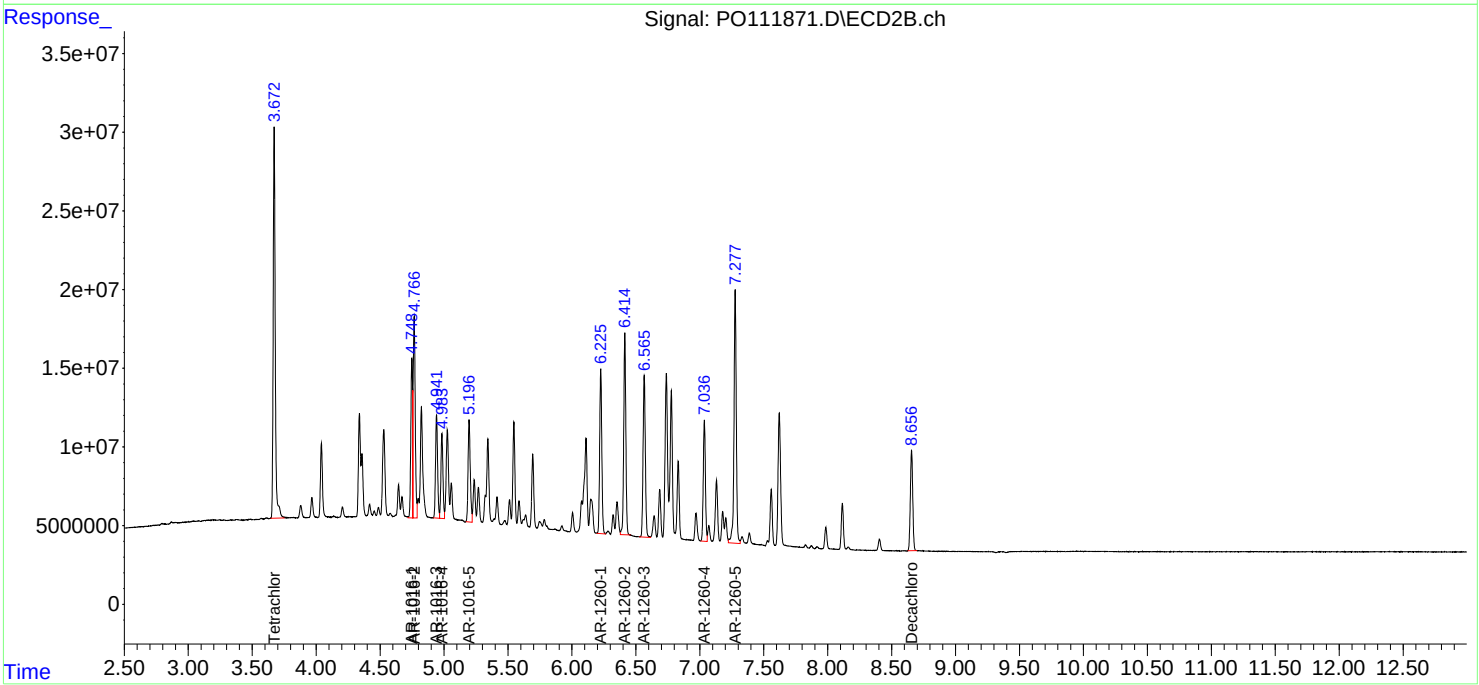
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111871.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:37
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:30:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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: **PP073279.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 09:04 **Initial Calibration Time(s):** 10:04 19:37

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)	5.66	5.67	5.57	5.77	0.01
Aroclor-1016-3	(3)	5.73	5.73	5.63	5.83	0.01
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.11	6.12	6.02	6.22	0.01
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.38	8.39	8.29	8.49	0.01
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01

Raw Data: **PP073279.D**

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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 09:04 **Initial Calibration Time(s):** 10:04 19:37

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)	4.86	4.87	4.77	4.97	0.01
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.32	5.22	5.42	0.01
Aroclor-1260-1	(1)	6.34	6.35	6.25	6.45	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.68	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.15	7.16	7.06	7.26	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.78	3.79	3.69	3.89	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073279.D **Time Analyzed:** 09:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.641	5.546	5.746	485.990	500.000	-2.8
Aroclor-1016-2	5.662	5.567	5.767	533.210	500.000	6.6
Aroclor-1016-3	5.725	5.629	5.829	520.180	500.000	4.0
Aroclor-1016-4	5.822	5.727	5.927	549.860	500.000	10.0
Aroclor-1016-5	6.114	6.019	6.219	524.760	500.000	5.0
Aroclor-1260-1	7.231	7.136	7.336	560.880	500.000	12.2
Aroclor-1260-2	7.485	7.389	7.589	543.950	500.000	8.8
Aroclor-1260-3	7.842	7.747	7.947	544.400	500.000	8.9
Aroclor-1260-4	8.066	7.971	8.171	548.260	500.000	9.7
Aroclor-1260-5	8.384	8.288	8.488	516.290	500.000	3.3
Decachlorobiphenyl	10.181	10.087	10.287	50.830	50.000	1.7
Tetrachloro-m-xylene	4.490	4.394	4.594	51.690	50.000	3.4

Raw Data: **PP073279.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL03 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073279.D **Time Analyzed:** 09:04

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.862	4.768	4.968	473.800	500.000	-5.2
Aroclor-1016-2	4.880	4.786	4.986	482.540	500.000	-3.5
Aroclor-1016-3	5.056	4.962	5.162	483.380	500.000	-3.3
Aroclor-1016-4	5.098	5.004	5.204	477.720	500.000	-4.5
Aroclor-1016-5	5.312	5.218	5.418	546.190	500.000	9.2
Aroclor-1260-1	6.342	6.249	6.449	495.490	500.000	-0.9
Aroclor-1260-2	6.531	6.438	6.638	513.470	500.000	2.7
Aroclor-1260-3	6.683	6.589	6.789	485.640	500.000	-2.9
Aroclor-1260-4	7.152	7.060	7.260	489.320	500.000	-2.1
Aroclor-1260-5	7.395	7.302	7.502	489.940	500.000	-2.0
Decachlorobiphenyl	8.788	8.697	8.897	50.670	50.000	1.3
Tetrachloro-m-xylene	3.783	3.688	3.888	47.840	50.000	-4.3

Sample Results: **PP073279.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 09:04
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:47:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.490	3.783	109.1E6	86190928	51.690	47.836
2)	SA Decachlor...	10.181	8.788	86866365	67624995	50.832	50.666m
	Target Compounds						
3)	L1 AR-1016-1	5.641	4.862	35317934	32558702	485.994	473.804
4)	L1 AR-1016-2	5.662	4.880	55464986	48562405	533.211	482.543
5)	L1 AR-1016-3	5.725	5.056	33993220	26448511	520.185	483.376
6)	L1 AR-1016-4	5.822	5.098	28747276	21282413	549.862	477.724
7)	L1 AR-1016-5	6.114	5.312	26240740	30194645	524.761	546.190
31)	L7 AR-1260-1	7.231	6.342	49477102	46937787	560.880	495.487
32)	L7 AR-1260-2	7.485	6.531	73913914	59786038	543.950	513.466
33)	L7 AR-1260-3	7.842	6.683	62144608	50585078	544.401	485.643
34)	L7 AR-1260-4	8.066	7.152	56495785	42932528	548.260	489.324
35)	L7 AR-1260-5	8.384	7.395	124.2E6	104.6E6	516.294	489.938

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 09:04
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

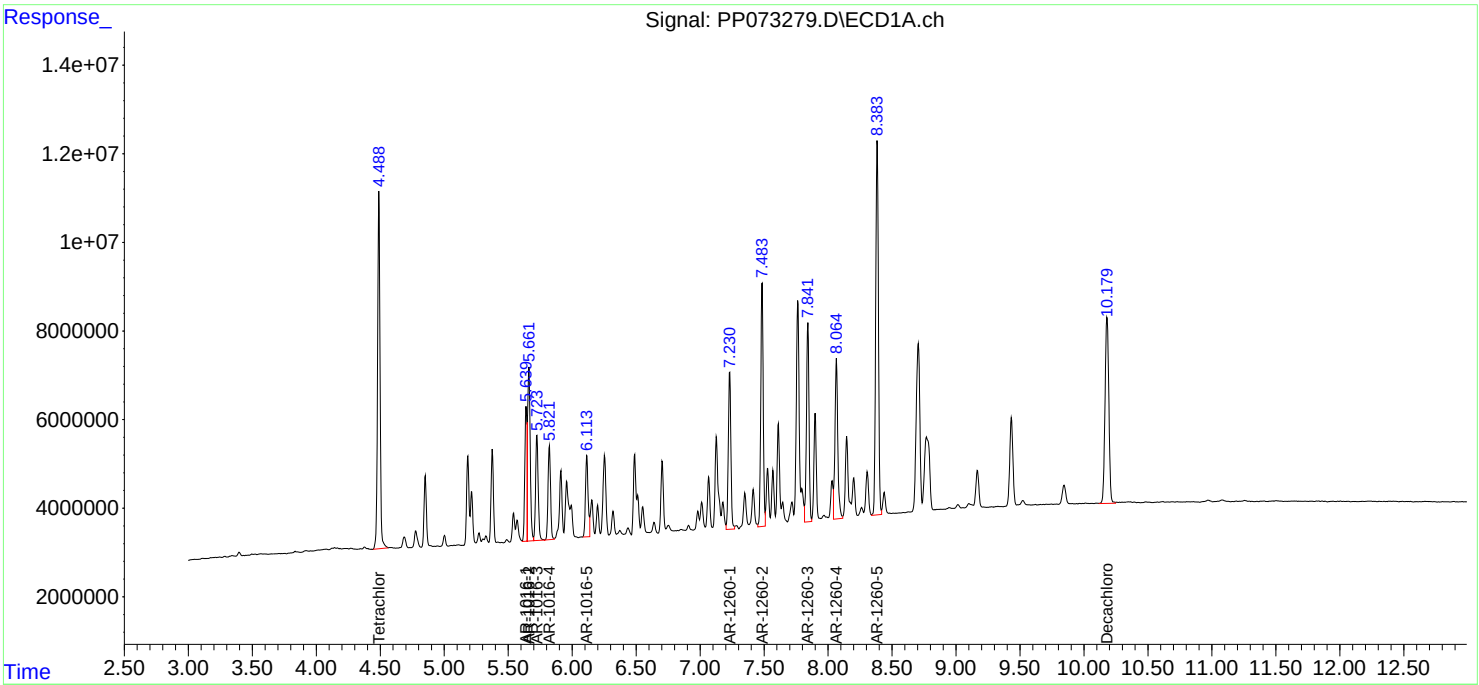
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

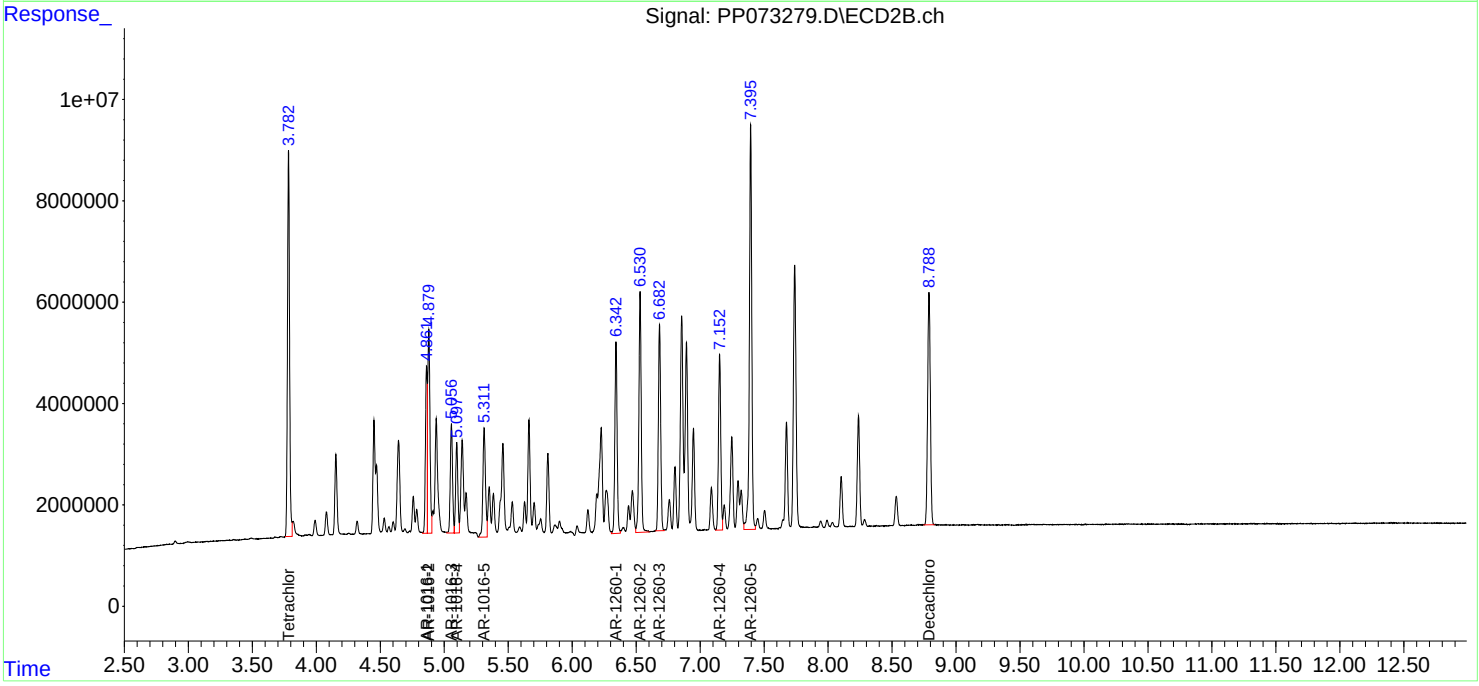
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:47:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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: **PP073294.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 14:37 **Initial Calibration Time(s):** 10:04 19:37

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	5.73	5.63	5.83	0.00
Aroclor-1016-4	(4)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-5	(5)	6.12	6.12	6.02	6.22	0.00
Aroclor-1260-1	(1)	7.23	7.24	7.14	7.34	0.01
Aroclor-1260-2	(2)	7.49	7.49	7.39	7.59	0.00
Aroclor-1260-3	(3)	7.84	7.85	7.75	7.95	0.01
Aroclor-1260-4	(4)	8.07	8.07	7.97	8.17	0.00
Aroclor-1260-5	(5)	8.39	8.39	8.29	8.49	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.18	10.19	10.09	10.29	0.01

Raw Data: **PP073294.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

Continuing Calib Date: 06/26/2025 **Initial Calibration Date(s):** 06/17/2025 06/17/2025

Continuing Calib Time: 14:37 **Initial Calibration Time(s):** 10:04 19:37

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)	4.87	4.87	4.77	4.97	0.01
Aroclor-1016-2	(2)	4.88	4.89	4.79	4.99	0.01
Aroclor-1016-3	(3)	5.06	5.06	4.96	5.16	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.00
Aroclor-1016-5	(5)	5.31	5.32	5.22	5.42	0.01
Aroclor-1260-1	(1)	6.34	6.35	6.25	6.45	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.69	6.59	6.79	0.01
Aroclor-1260-4	(4)	7.16	7.16	7.06	7.26	0.00
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.00
Tetrachloro-m-xylene		3.79	3.79	3.69	3.89	0.00
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01

Raw Data: **PP073294.D**

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

CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073294.D **Time Analyzed:** 14:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.643	5.546	5.746	477.730	500.000	-4.5
Aroclor-1016-2	5.665	5.567	5.767	514.610	500.000	2.9
Aroclor-1016-3	5.727	5.629	5.829	507.950	500.000	1.6
Aroclor-1016-4	5.824	5.727	5.927	534.040	500.000	6.8
Aroclor-1016-5	6.116	6.019	6.219	509.130	500.000	1.8
Aroclor-1260-1	7.233	7.136	7.336	554.370	500.000	10.9
Aroclor-1260-2	7.486	7.389	7.589	530.980	500.000	6.2
Aroclor-1260-3	7.844	7.747	7.947	525.830	500.000	5.2
Aroclor-1260-4	8.068	7.971	8.171	527.090	500.000	5.4
Aroclor-1260-5	8.386	8.288	8.488	505.830	500.000	1.2
Decachlorobiphenyl	10.182	10.087	10.287	51.630	50.000	3.3
Tetrachloro-m-xylene	4.492	4.394	4.594	49.270	50.000	-1.5

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CALIBRATION VERIFICATION SUMMARY

Contract: POWE02

Lab Code: CHEM **Case No.:** Q2425 **SAS No.:** Q2425 **SDG NO.:** Q2425

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 06/17/2025 06/17/2025

Client Sample No.: CCAL04 **Date Analyzed:** 06/26/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP073294.D **Time Analyzed:** 14:37

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.865	4.768	4.968	475.950	500.000	-4.8
Aroclor-1016-2	4.882	4.786	4.986	486.130	500.000	-2.8
Aroclor-1016-3	5.059	4.962	5.162	484.990	500.000	-3.0
Aroclor-1016-4	5.100	5.004	5.204	478.600	500.000	-4.3
Aroclor-1016-5	5.314	5.218	5.418	545.720	500.000	9.1
Aroclor-1260-1	6.344	6.249	6.449	518.030	500.000	3.6
Aroclor-1260-2	6.534	6.438	6.638	531.220	500.000	6.2
Aroclor-1260-3	6.685	6.589	6.789	499.440	500.000	-0.1
Aroclor-1260-4	7.155	7.060	7.260	498.560	500.000	-0.3
Aroclor-1260-5	7.396	7.302	7.502	503.650	500.000	0.7
Decachlorobiphenyl	8.790	8.697	8.897	52.420	50.000	4.8
Tetrachloro-m-xylene	3.786	3.688	3.888	49.210	50.000	-1.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 14:37
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.492	3.786	104.0E6	88661070	49.269	49.207
2)	SA Decachlor...	10.182	8.790	88223362	69963890	51.626	52.419m
	Target Compounds						
3)	L1 AR-1016-1	5.643	4.865	34717270	32706237	477.729	475.951
4)	L1 AR-1016-2	5.665	4.882	53530592	48923771	514.615	486.134
5)	L1 AR-1016-3	5.727	5.059	33193666	26536704	507.949	484.988
6)	L1 AR-1016-4	5.824	5.100	27920268	21321611	534.044	478.604
7)	L1 AR-1016-5	6.116	5.314	25458854	30168569	509.125	545.718
31)	L7 AR-1260-1	7.233	6.344	48902805	49072948	554.370	518.026
32)	L7 AR-1260-2	7.486	6.534	72151376	61853042	530.979	531.218
33)	L7 AR-1260-3	7.844	6.685	60024873	52021864	525.832	499.437
34)	L7 AR-1260-4	8.068	7.155	54313765	43743184	527.085	498.563
35)	L7 AR-1260-5	8.386	7.396	121.7E6	107.5E6	505.829	503.652

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

Sample Results: **PP073294.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073294.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 14:37
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

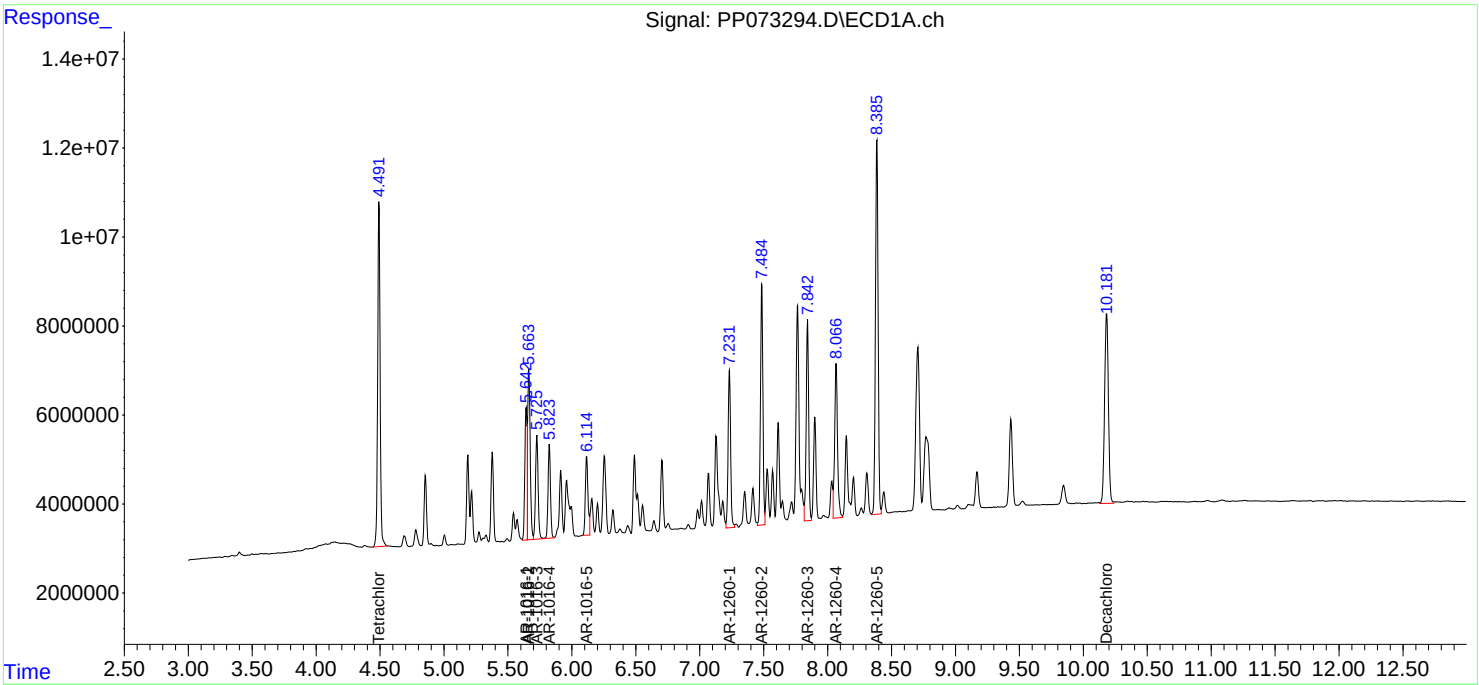
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

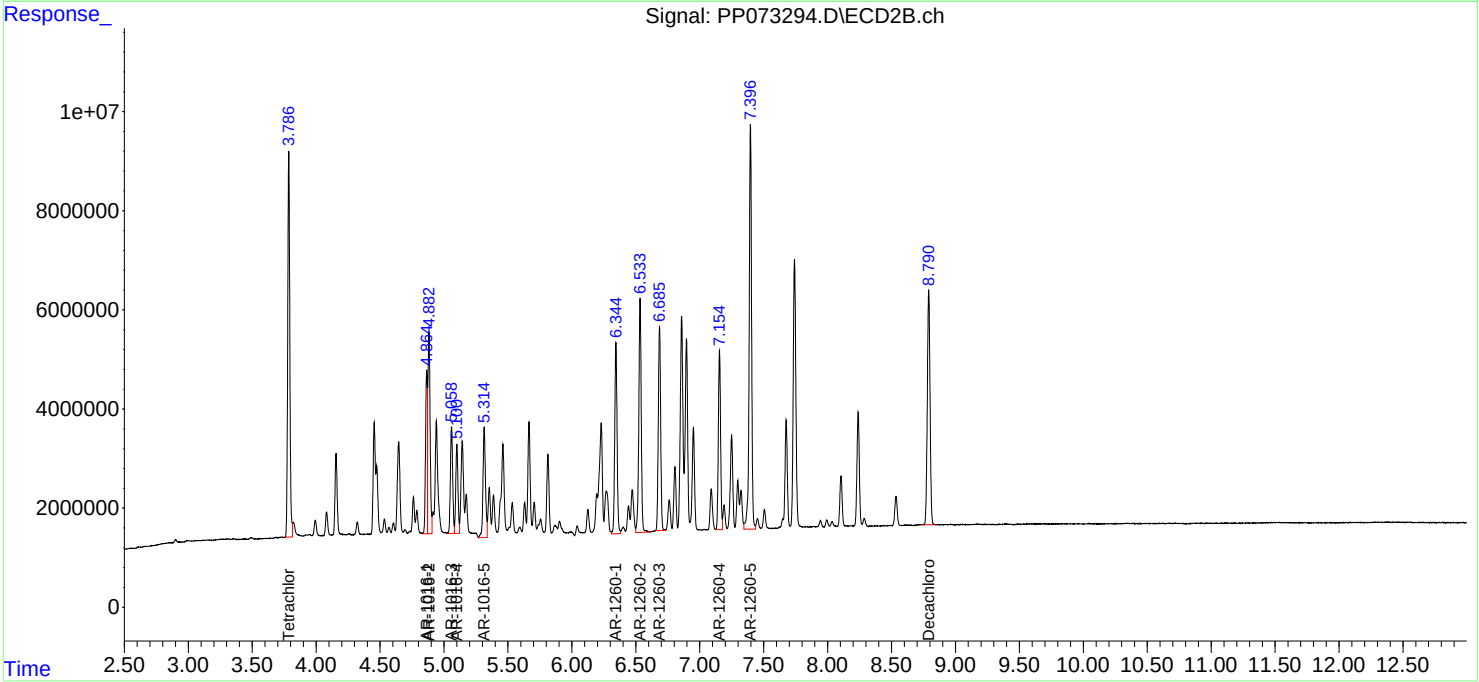
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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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Fax : 908 789 8922

Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2425

Project: AS Jenks School **Instrument ID:** ECD_O

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/11/2025 06/11/2025

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	06/11/2025	10:21	PO111586.D	8.71	3.68
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.71	3.68
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.71	3.68
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.71	3.68
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.71	3.68
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.71	3.68
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.71	3.68
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.71	3.68
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.71	3.68
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.71	3.68
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.71	3.68
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.71	3.68
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.71	3.68
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.71	3.68
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.71	3.68
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.71	3.68
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.71	3.68
AR1660CCC500	AR1660CCC500	06/26/2025	10:06	PO111858.D	8.71	3.68
I.BLK	I.BLK	06/26/2025	11:20	PO111862.D	8.71	3.68
COMP-1	Q2425-01	06/26/2025	13:12	PO111866.D	8.71	3.67
COMP-2	Q2425-02	06/26/2025	13:30	PO111867.D	8.71	3.68
COMP-3	Q2425-03	06/26/2025	13:48	PO111868.D	8.71	3.67
AR1660CCC500	AR1660CCC500	06/26/2025	15:37	PO111871.D	8.71	3.68
I.BLK	I.BLK	06/26/2025	16:51	PO111875.D	8.71	3.68
I.BLK	I.BLK	06/17/2025	09:47	PP072990.D	10.19	4.49
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	10.19	4.49
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	10.19	4.49
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	10.19	4.49
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	10.19	4.49
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	10.19	4.50
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	10.18	4.49
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	10.19	4.50
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	10.19	4.49
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	10.19	4.49
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	10.19	4.49
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	10.19	4.49
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	10.19	4.49
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	10.19	4.49
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	10.19	4.49
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	10.19	4.49
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/26/2025	09:04	PP073279.D	10.18	4.49

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Analytical Sequence

I.BLK	I.BLK	06/26/2025	10:09	PP073283.D	10.18	4.49
PB168622BL	PB168622BL	06/26/2025	12:25	PP073289.D	10.18	4.49
PB168622BS	PB168622BS	06/26/2025	12:42	PP073290.D	10.18	4.49
COP-SOIL-PILEMS	Q2409-02MS	06/26/2025	13:15	PP073292.D	10.18	4.49
COP-SOIL-PILEMSD	Q2409-02MSD	06/26/2025	13:31	PP073293.D	10.18	4.49
AR1660CCC500	AR1660CCC500	06/26/2025	14:37	PP073294.D	10.18	4.49
I.BLK	I.BLK	06/26/2025	15:42	PP073298.D	10.18	4.49

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Analytical Sequence

Client: Kleinfelder **SDG No.:** Q2425

Project: AS Jenks School **Instrument ID:** ECD_O

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 06/11/2025 06/11/2025

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	06/11/2025	10:21	PO111586.D	8.66	3.67
AR1660ICC1000	AR1660ICC1000	06/11/2025	10:40	PO111587.D	8.66	3.67
AR1660ICC750	AR1660ICC750	06/11/2025	10:58	PO111588.D	8.66	3.67
AR1660ICC500	AR1660ICC500	06/11/2025	11:17	PO111589.D	8.66	3.67
AR1660ICC250	AR1660ICC250	06/11/2025	11:35	PO111590.D	8.66	3.67
AR1660ICC050	AR1660ICC050	06/11/2025	11:53	PO111591.D	8.66	3.67
AR1221ICC500	AR1221ICC500	06/11/2025	12:12	PO111592.D	8.66	3.67
AR1232ICC500	AR1232ICC500	06/11/2025	12:30	PO111593.D	8.66	3.67
AR1242ICC500	AR1242ICC500	06/11/2025	13:25	PO111596.D	8.66	3.67
AR1248ICC500	AR1248ICC500	06/11/2025	15:14	PO111601.D	8.66	3.67
AR1254ICC1000	AR1254ICC1000	06/11/2025	16:06	PO111604.D	8.66	3.67
AR1254ICC750	AR1254ICC750	06/11/2025	16:25	PO111605.D	8.66	3.67
AR1254ICC500	AR1254ICC500	06/11/2025	16:43	PO111606.D	8.66	3.67
AR1254ICC250	AR1254ICC250	06/11/2025	17:00	PO111607.D	8.66	3.67
AR1254ICC050	AR1254ICC050	06/11/2025	17:18	PO111608.D	8.66	3.67
AR1262ICC500	AR1262ICC500	06/11/2025	17:36	PO111609.D	8.66	3.67
AR1268ICC500	AR1268ICC500	06/11/2025	18:31	PO111612.D	8.66	3.67
AR1660CCC500	AR1660CCC500	06/26/2025	10:06	PO111858.D	8.66	3.67
I.BLK	I.BLK	06/26/2025	11:20	PO111862.D	8.66	3.67
COMP-1	Q2425-01	06/26/2025	13:12	PO111866.D	8.66	3.67
COMP-2	Q2425-02	06/26/2025	13:30	PO111867.D	8.66	3.67
COMP-3	Q2425-03	06/26/2025	13:48	PO111868.D	8.66	3.67
AR1660CCC500	AR1660CCC500	06/26/2025	15:37	PO111871.D	8.66	3.67
I.BLK	I.BLK	06/26/2025	16:51	PO111875.D	8.66	3.67
I.BLK	I.BLK	06/17/2025	09:47	PP072990.D	8.80	3.79
AR1660ICC1000	AR1660ICC1000	06/17/2025	10:04	PP072991.D	8.80	3.79
AR1660ICC750	AR1660ICC750	06/17/2025	10:20	PP072992.D	8.80	3.79
AR1660ICC500	AR1660ICC500	06/17/2025	10:37	PP072993.D	8.80	3.79
AR1660ICC250	AR1660ICC250	06/17/2025	10:53	PP072994.D	8.80	3.79
AR1660ICC050	AR1660ICC050	06/17/2025	11:43	PP072995.D	8.80	3.79
AR1221ICC500	AR1221ICC500	06/17/2025	12:00	PP072996.D	8.80	3.79
AR1232ICC500	AR1232ICC500	06/17/2025	12:16	PP072997.D	8.80	3.79
AR1242ICC500	AR1242ICC500	06/17/2025	15:00	PP073000.D	8.80	3.79
AR1248ICC500	AR1248ICC500	06/17/2025	16:37	PP073005.D	8.80	3.79
AR1254ICC1000	AR1254ICC1000	06/17/2025	17:26	PP073008.D	8.80	3.79
AR1254ICC750	AR1254ICC750	06/17/2025	17:43	PP073009.D	8.80	3.79
AR1254ICC500	AR1254ICC500	06/17/2025	17:59	PP073010.D	8.80	3.79
AR1254ICC250	AR1254ICC250	06/17/2025	18:15	PP073011.D	8.80	3.79
AR1254ICC050	AR1254ICC050	06/17/2025	18:32	PP073012.D	8.80	3.79
AR1262ICC500	AR1262ICC500	06/17/2025	18:48	PP073013.D	8.80	3.79
AR1268ICC500	AR1268ICC500	06/17/2025	19:37	PP073016.D	8.80	3.79
AR1660CCC500	AR1660CCC500	06/26/2025	09:04	PP073279.D	8.79	3.78

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Fax : 908 789 8922

Analytical Sequence

I.BLK	I.BLK	06/26/2025	10:09	PP073283.D	8.79	3.78
PB168622BL	PB168622BL	06/26/2025	12:25	PP073289.D	8.79	3.79
PB168622BS	PB168622BS	06/26/2025	12:42	PP073290.D	8.79	3.79
COP-SOIL-PILEMS	Q2409-02MS	06/26/2025	13:15	PP073292.D	8.79	3.79
COP-SOIL-PILEMSD	Q2409-02MSD	06/26/2025	13:31	PP073293.D	8.79	3.79
AR1660CCC500	AR1660CCC500	06/26/2025	14:37	PP073294.D	8.79	3.79
I.BLK	I.BLK	06/26/2025	15:42	PP073298.D	8.79	3.78

Alliance TECHNICAL GROUP

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168622BS

Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

Lab Sample ID: PB168622BS Date(s) Analyzed: 06/26/2025 06/26/2025

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 PP073290.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.645	5.595	5.695	154		
	2	5.666	5.616	5.716	164		
	3	5.728	5.678	5.778	161		
COLUMN 1	4	5.826	5.776	5.876	167		
	5	6.118	6.068	6.168	157	160	
	1	4.865	4.815	4.915	147		
	2	4.882	4.832	4.932	150		
	3	5.058	5.008	5.108	151		
	4	5.1	5.05	5.15	147		
COLUMN 2	5	5.314	5.264	5.364	149	149	7.12
Aroclor-1260	1	7.234	7.184	7.284	178		
	2	7.488	7.438	7.538	174		
	3	7.845	7.795	7.895	145		
COLUMN 1	4	8.069	8.019	8.119	156		
	5	8.387	8.337	8.437	144	159	
	1	6.344	6.294	6.394	160		
	2	6.533	6.483	6.583	167		
	3	6.685	6.635	6.735	165		
	4	7.154	7.104	7.204	147		
COLUMN 2	5	7.397	7.347	7.447	149	157	1.27

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

COP-SOIL-PILEMS

Contract: POWE02

Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425

Lab Sample ID: Q2409-02MS Date(s) Analyzed: 06/26/2025 06/26/2025

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 PP073292.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.644	5.594	5.694	150		
	2	5.665	5.615	5.715	163		
	3	5.728	5.678	5.778	152		
COLUMN 1	4	5.824	5.774	5.874	173		
	5	6.117	6.067	6.167	175	163	
	1	4.865	4.815	4.915	149		
	2	4.883	4.833	4.933	148		
	3	5.059	5.009	5.109	154		
	4	5.101	5.051	5.151	162		
COLUMN 2	5	5.314	5.264	5.364	155	154	5.68
Aroclor-1254	1	6.491	6.441	6.541	139		
	2	6.707	6.657	6.757	114		
	3	7.071	7.021	7.121	67.1		
COLUMN 1	4	7.352	7.302	7.402	60.1		
	5	7.767	7.717	7.817	297	135	
	1	5.665	5.615	5.715	81.2		
	2	5.813	5.763	5.863	96.2		
	3	6.228	6.178	6.278	135		
	4	6.443	6.393	6.493	33.4		
COLUMN 2	5	6.858	6.808	6.908	181	105	25

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.233	7.183	7.283	226		
	2	7.487	7.437	7.537	215		
	3	7.845	7.795	7.895	171		
COLUMN 1	4	8.068	8.018	8.118	193		
	5	8.387	8.337	8.437	170	195	
	1	6.346	6.296	6.396	183		
	2	6.534	6.484	6.584	180		
	3	6.685	6.635	6.735	172		
	4	7.155	7.105	7.205	154		
COLUMN 2	5	7.397	7.347	7.447	158	169	14.29

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IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
COP-SOIL-PILEMSD

Contract: POWE02
Lab Code: CHEM Case No.: Q2425 SAS No.: Q2425 SDG NO.: Q2425
Lab Sample ID: Q2409-02MSD Date(s) Analyzed: 06/26/2025 06/26/2025
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 PP073293.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.64	5.59	5.69	153		
	2	5.662	5.612	5.712	164		
	3	5.725	5.675	5.775	154		
COLUMN 1	4	5.821	5.771	5.871	169		
	5	6.113	6.063	6.163	175	163	
	1	4.864	4.814	4.914	153		
	2	4.882	4.832	4.932	153		
	3	5.058	5.008	5.108	156		
	4	5.1	5.05	5.15	167		
COLUMN 2	5	5.313	5.263	5.363	160	158	3.12
Aroclor-1254	1	6.487	6.437	6.537	122		
	2	6.703	6.653	6.753	108		
	3	7.068	7.018	7.118	70.2		
COLUMN 1	4	7.349	7.299	7.399	62.3		
	5	7.763	7.713	7.813	268	126	
	1	5.664	5.614	5.714	84.5		
	2	5.812	5.762	5.862	99.9		
	3	6.226	6.176	6.276	142		
	4	6.441	6.391	6.491	35.8		
COLUMN 2	5	6.858	6.808	6.908	189	110	13.56

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IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.23	7.18	7.28	229		
	2	7.483	7.433	7.533	218		
	3	7.841	7.791	7.891	171		
COLUMN 1	4	8.065	8.015	8.115	223		
	5	8.383	8.333	8.433	171	202	
	1	6.344	6.294	6.394	188		
	2	6.532	6.482	6.582	186		
	3	6.684	6.634	6.734	177		
	4	7.153	7.103	7.203	156		
COLUMN 2	5	7.395	7.345	7.445	160	174	14.89

QC SAMPLE DATA

Raw Data: **PP073289.D**

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Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	AS Jenks School		Date Received:		
Client Sample ID:	PB168622BL		SDG No.:	Q2425	
Lab Sample ID:	PB168622BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01 Units:	g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073289.D	1	06/26/25 08:20	06/26/25 12:25	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	3.90	U	3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	3.20	U	3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		32 - 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

Sample Results: **PP073289.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:25
Operator : YP\AJ
Sample : PB168622BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168622BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 13:26:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.491	3.785	40650490	33805304	19.258	18.762
2)	SA Decachlor...	10.180	8.790	34131795	28222502	19.973	21.145
	Target Compounds						

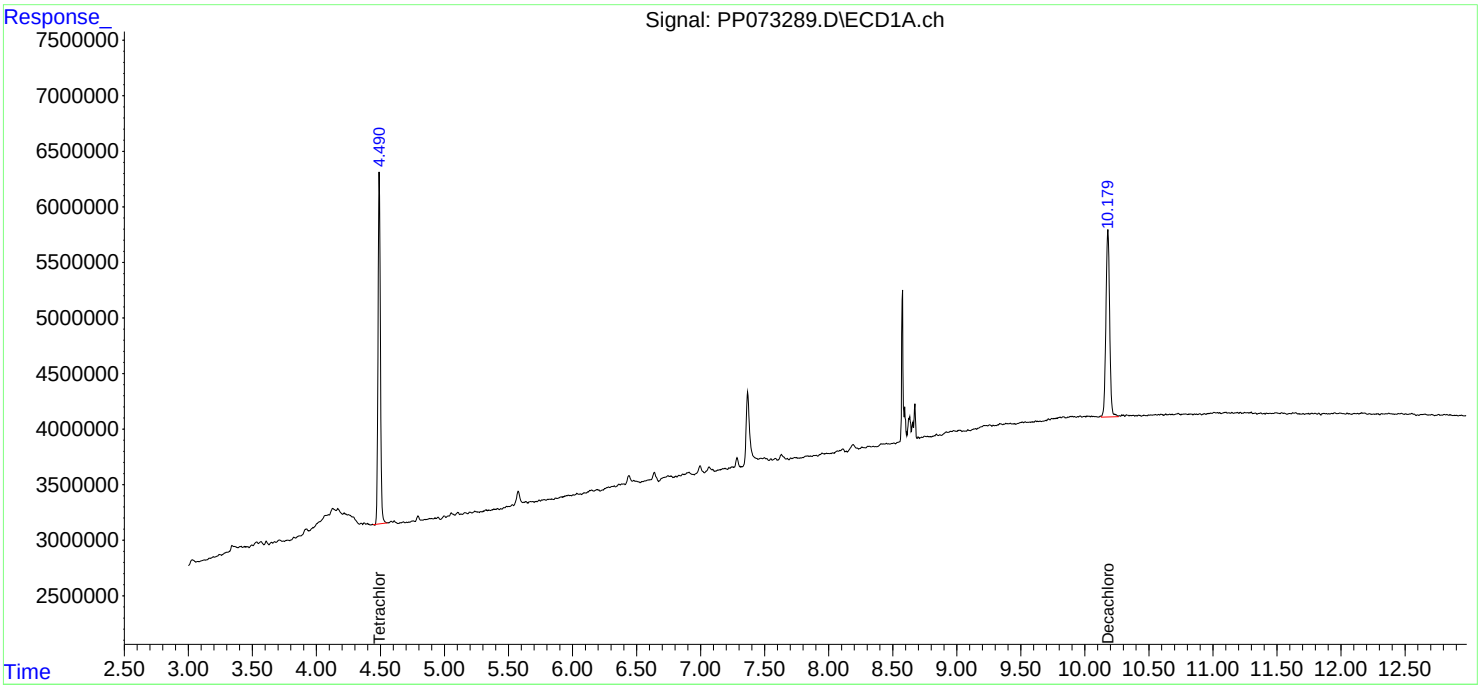
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

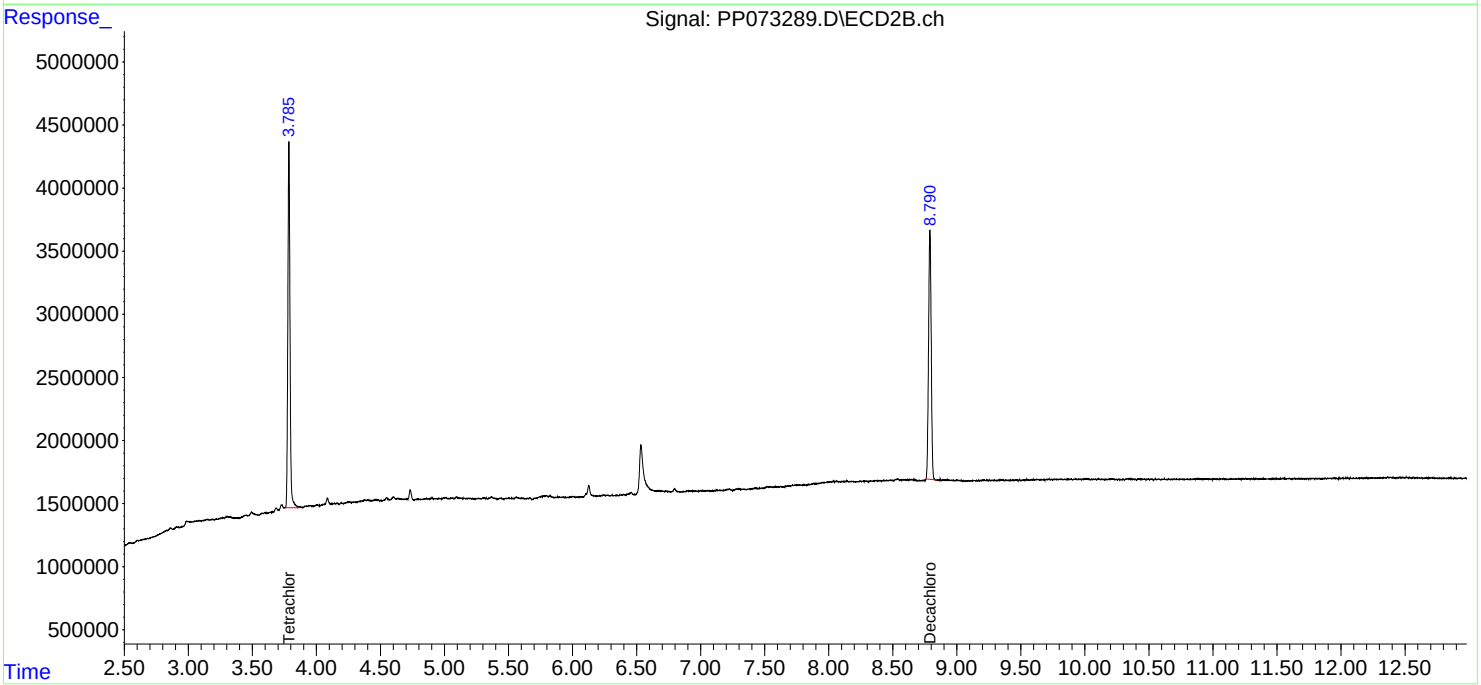
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073289.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:25
Operator : YP\AJ
Sample : PB168622BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

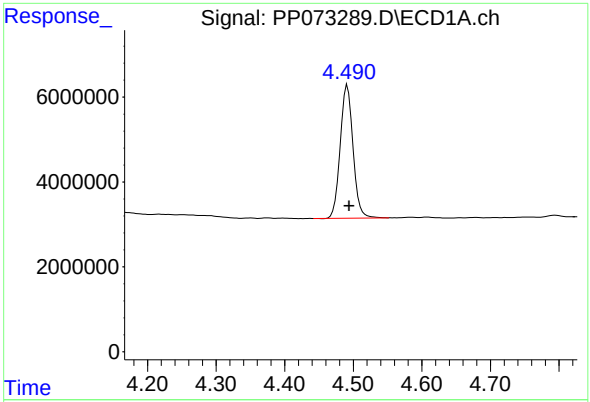
Instrument :
ECD_P
ClientSampleId :
PB168622BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 13:26:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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



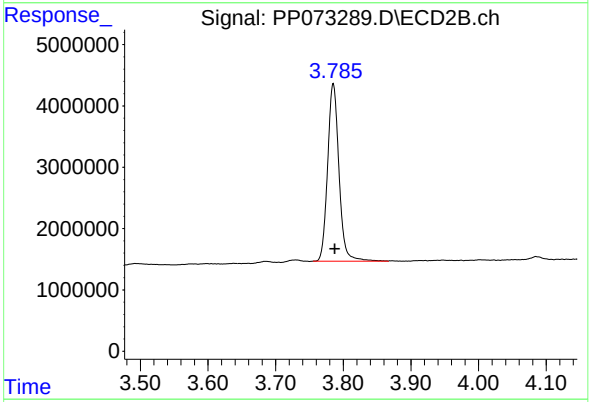




#1 Tetrachloro-m-xylene

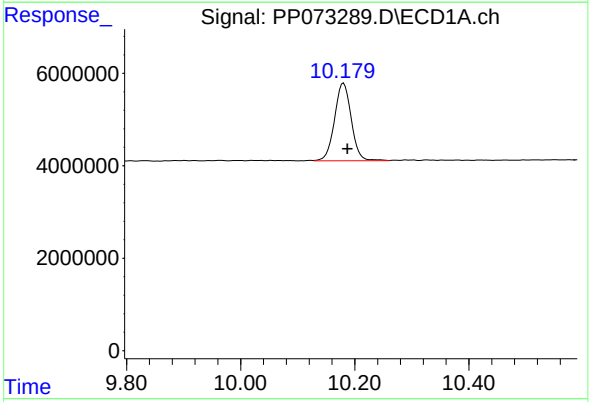
R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 40650490
Conc: 19.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168622BL



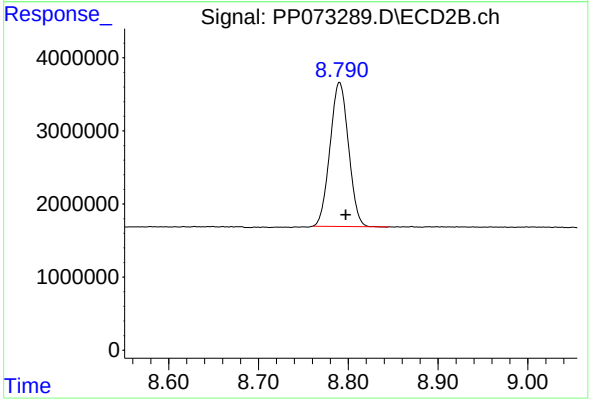
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: -0.002 min
Response: 33805304
Conc: 18.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.007 min
Response: 34131795
Conc: 19.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 28222502
Conc: 21.14 ng/ml

Raw Data: **PO111586.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/11/25
Project:	AS Jenks School	Date Received:	06/11/25
Client Sample ID:	PIBLK-PO111586.D	SDG No.:	Q2425
Lab Sample ID:	I.BLK-PO111586.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111586.D	1		06/11/25	po061125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.0		60 - 140	95%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 140	103%	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

Quantitation Report (QT Reviewed)

Sample Results: **PO111586.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:21
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: Jun 11 12:10:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:09:32 2025
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...	3.677	3.673	117.0E6	106.8E6	20.308	19.004
2)	SA Decachlor...	8.713	8.662	108.8E6	36486352	20.730	20.525
	Target Compounds						

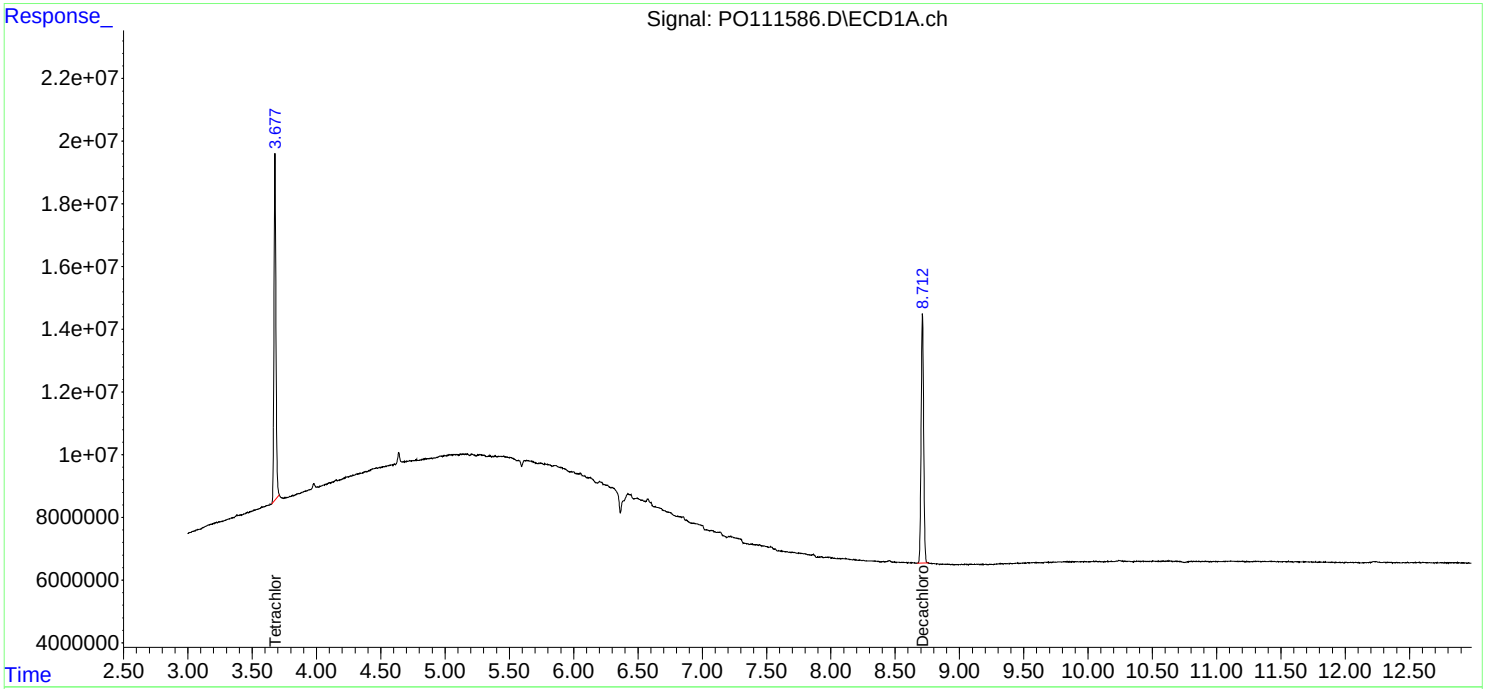
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

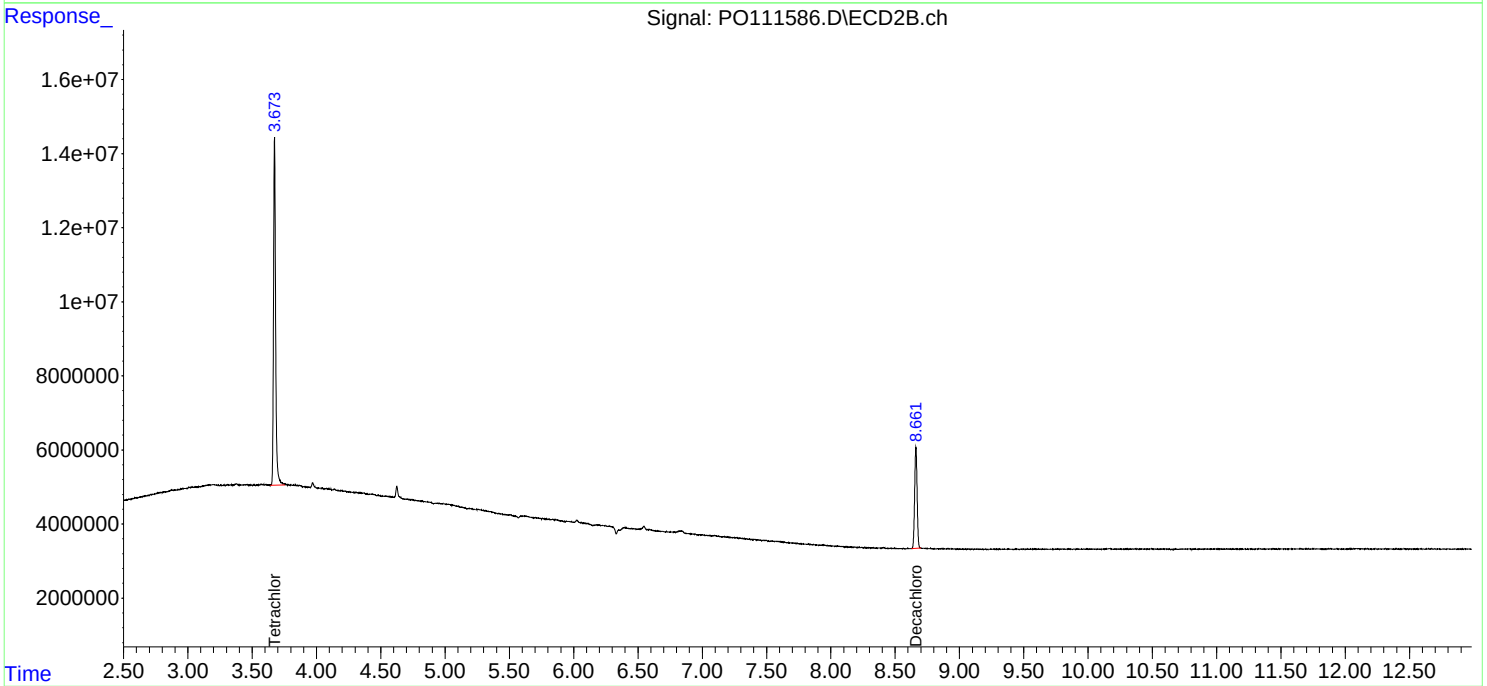
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO061125\
Data File : PO111586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Jun 2025 10:21
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

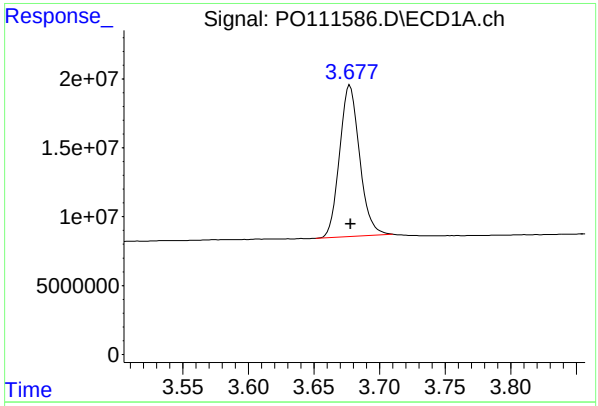
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 12:10:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 11 12:09:32 2025
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



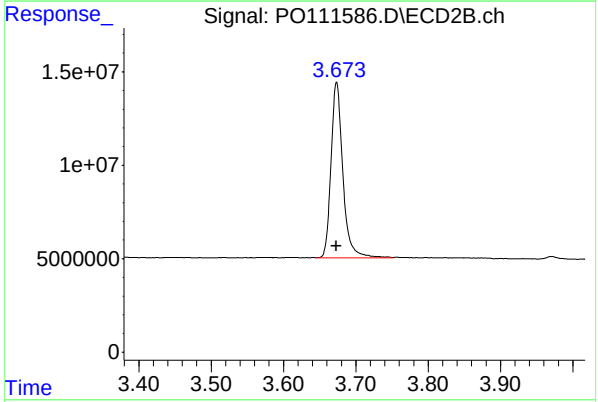




#1 Tetrachloro-m-xylene

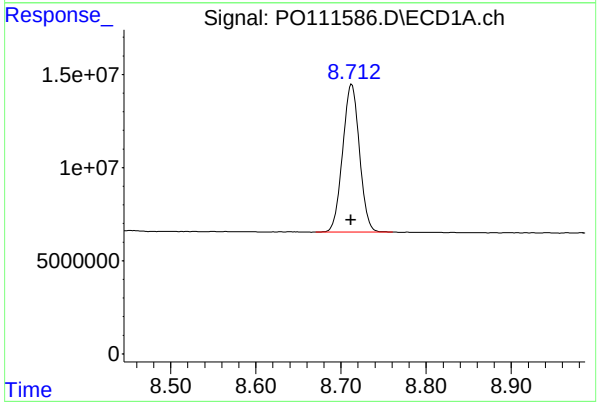
R.T.: 3.677 min
Delta R.T.: 0.000 min
Response: 116962361
Conc: 20.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



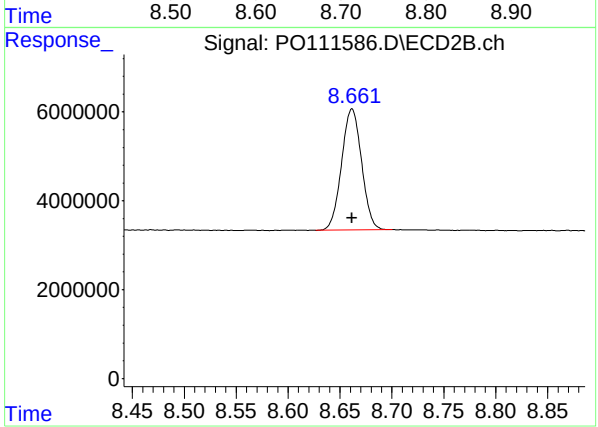
#1 Tetrachloro-m-xylene

R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 106750459
Conc: 19.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.713 min
Delta R.T.: 0.001 min
Response: 108816924
Conc: 20.73 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.662 min
Delta R.T.: 0.000 min
Response: 36486352
Conc: 20.52 ng/ml

Raw Data: **PO111862.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/26/25
Project:	AS Jenks School	Date Received:	06/26/25
Client Sample ID:	PIBLK-PO111862.D	SDG No.:	Q2425
Lab Sample ID:	I.BLK-PO111862.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111862.D	1		06/26/25	po062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.4		60 - 140	92%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	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\PO062625\
Data File : PO111862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 11:20
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: Jun 26 23:27:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.676	3.671	118.0E6	103.6E6	20.491	18.442
2)	SA Decachlor...	8.709	8.655	104.0E6	34434080	19.819	19.370
	Target Compounds						

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

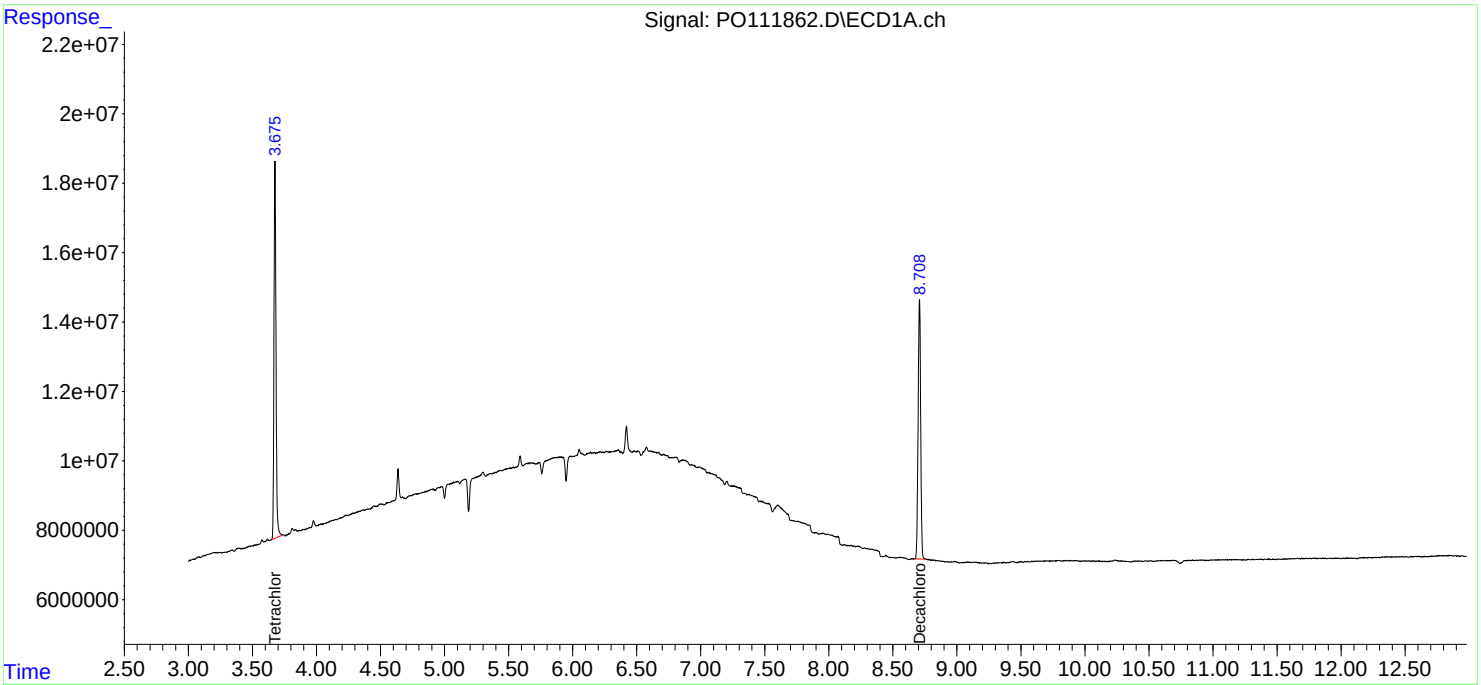
Sample Results: **PO111862.D**

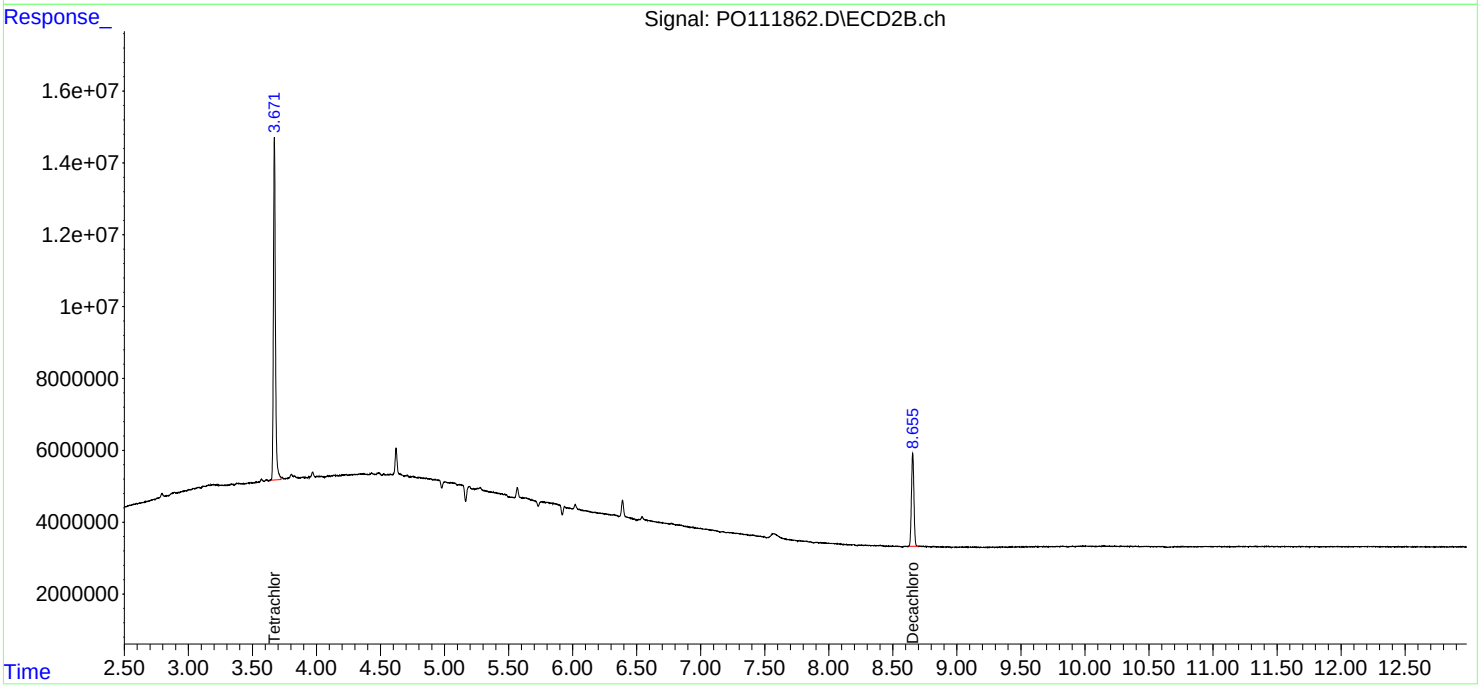
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 11:20
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

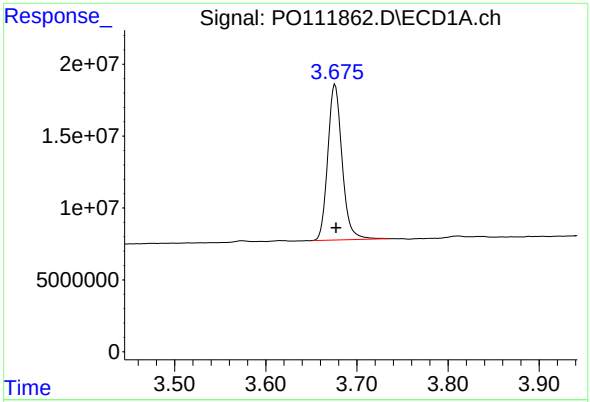
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



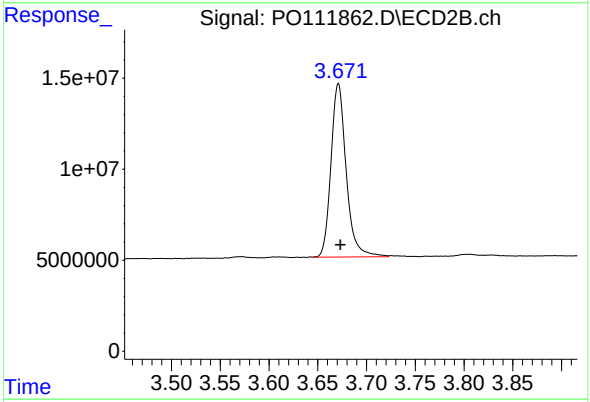




#1 Tetrachloro-m-xylene

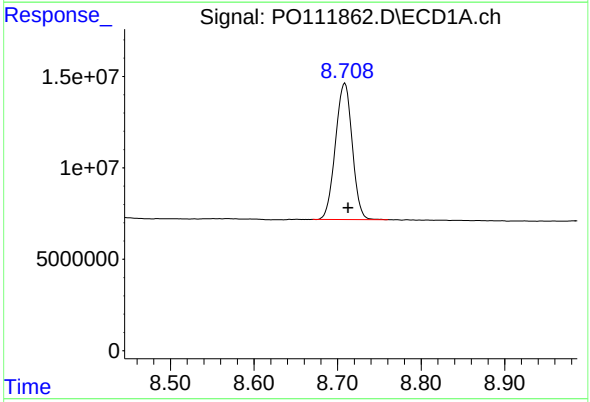
R.T.: 3.676 min
Delta R.T.: 0.000 min
Response: 118013976
Conc: 20.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



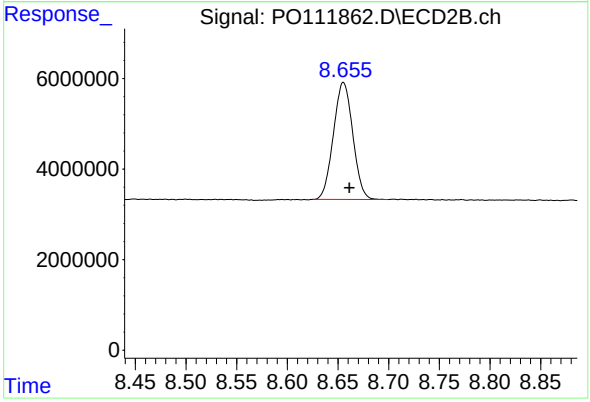
#1 Tetrachloro-m-xylene

R.T.: 3.671 min
Delta R.T.: -0.002 min
Response: 103591051
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.709 min
Delta R.T.: -0.004 min
Response: 104035338
Conc: 19.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.655 min
Delta R.T.: -0.006 min
Response: 34434080
Conc: 19.37 ng/ml

Raw Data: **PO111875.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/26/25
Project:	AS Jenks School	Date Received:	06/26/25
Client Sample ID:	PIBLK-PO111875.D	SDG No.:	Q2425
Lab Sample ID:	I.BLK-PO111875.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO111875.D	1		06/26/25	po062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 140	96%	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\PO062625\
Data File : PO111875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:51
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: Jun 26 23:31:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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...	3.677	3.672	115.2E6	101.6E6	19.997	18.094
2)	SA Decachlor...	8.707	8.656	101.0E6	34630545	19.231	19.481
	Target Compounds						

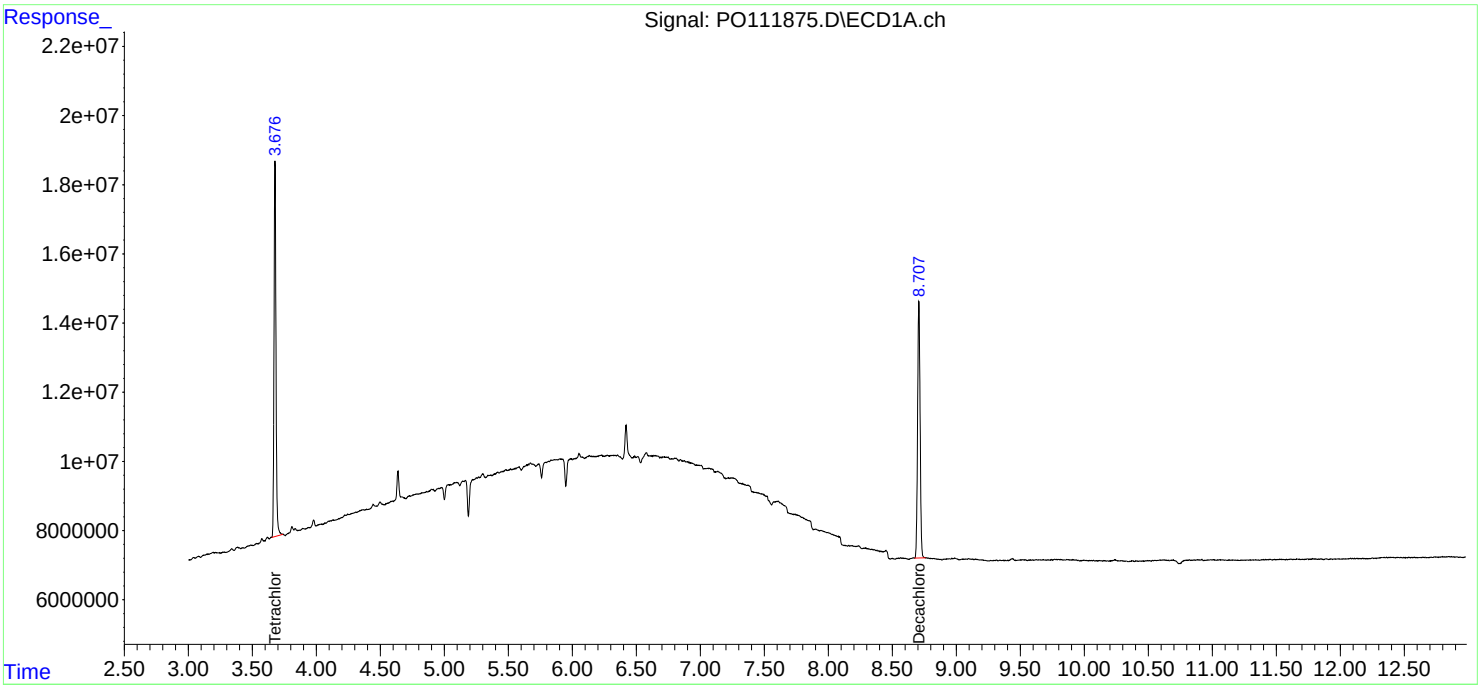
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

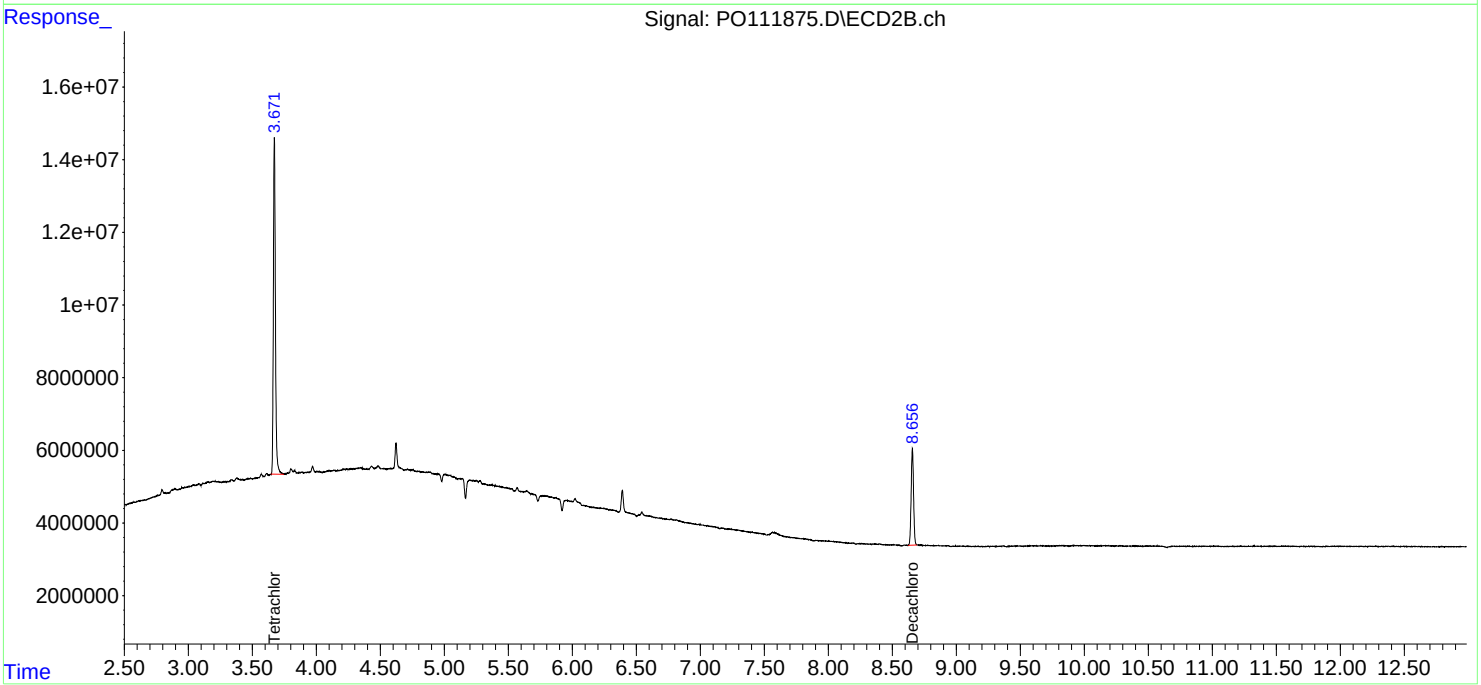
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO062625\
Data File : PO111875.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 16:51
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

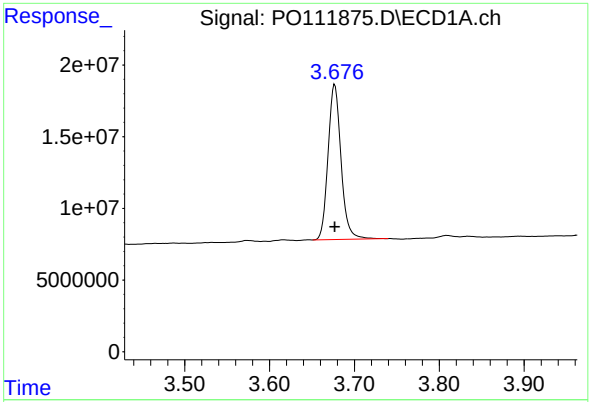
Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:31:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO061125.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Jun 12 06:25:26 2025
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



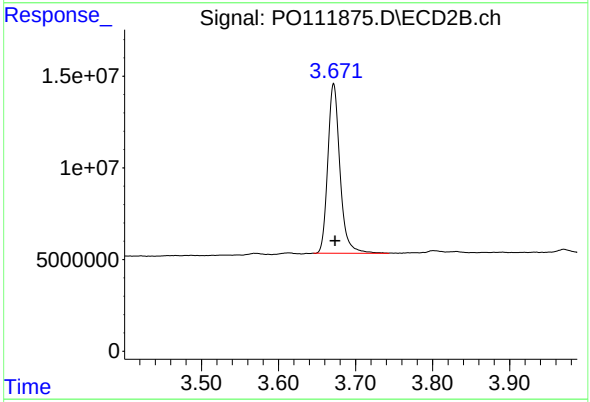




#1 Tetrachloro-m-xylene

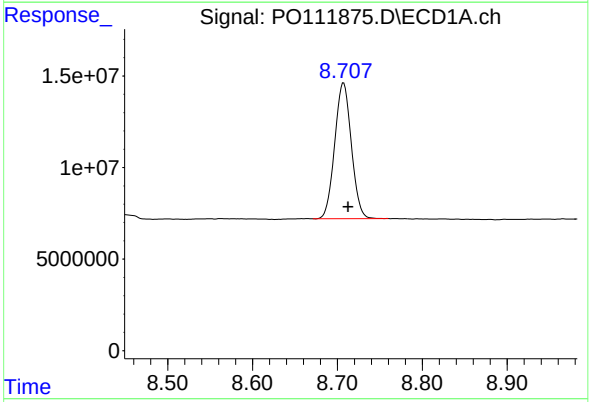
R.T.: 3.677 min
Delta R.T.: 0.000 min
Response: 115173577
Conc: 20.00 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



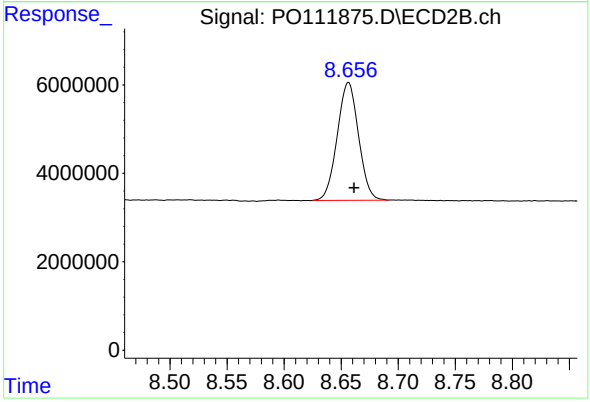
#1 Tetrachloro-m-xylene

R.T.: 3.672 min
Delta R.T.: -0.002 min
Response: 101638839
Conc: 18.09 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.707 min
Delta R.T.: -0.005 min
Response: 100950356
Conc: 19.23 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.656 min
Delta R.T.: -0.005 min
Response: 34630545
Conc: 19.48 ng/ml

Raw Data: **PP072990.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/17/25
Project:	AS Jenks School	Date Received:	06/17/25
Client Sample ID:	PIBLK-PP072990.D	SDG No.:	Q2425
Lab Sample ID:	I.BLK-PP072990.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072990.D	1		06/17/25	pp061725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 140	86%	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: **PP072990.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 09:47
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: Jun 18 08:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.493	3.787	36444462	32452614	17.266	18.011
2)	SA Decachlor...	10.186	8.797	31234901	22967361	18.278	17.208
	Target Compounds						

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

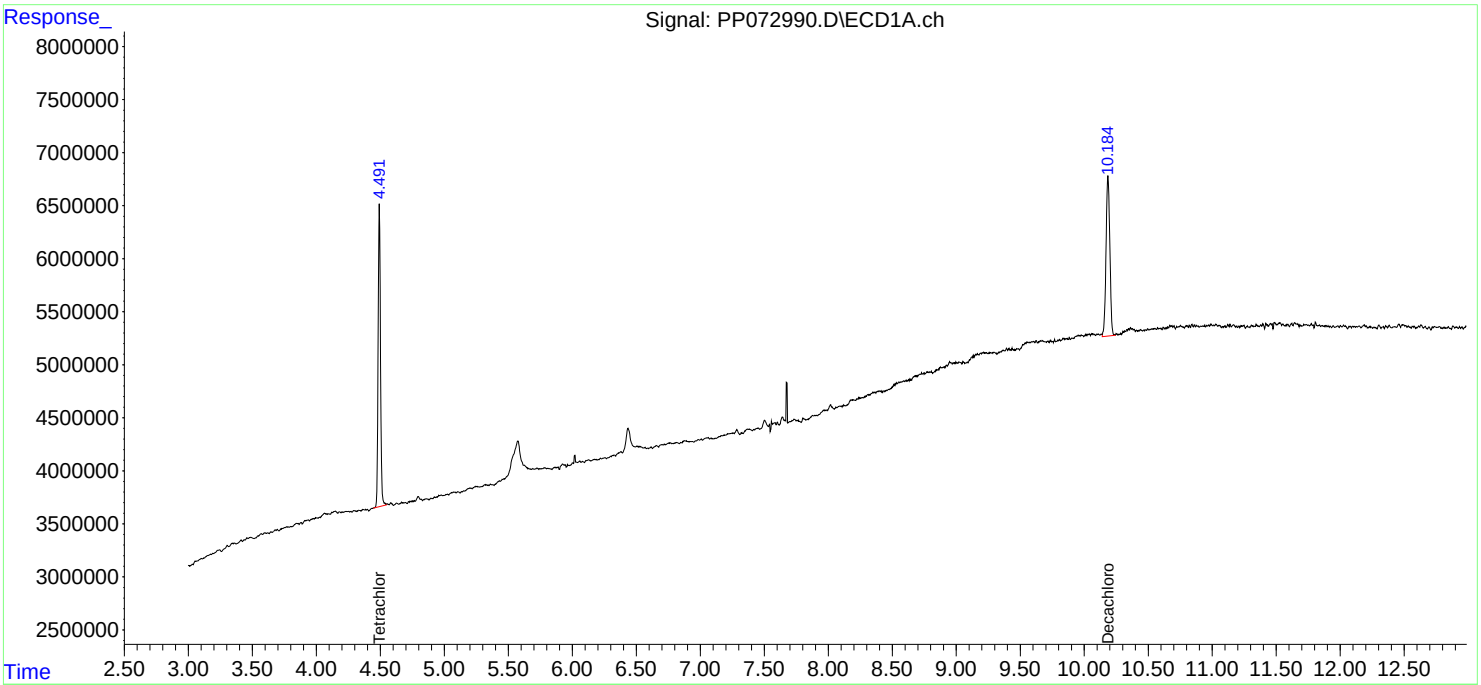
Sample Results: **PP072990.D**

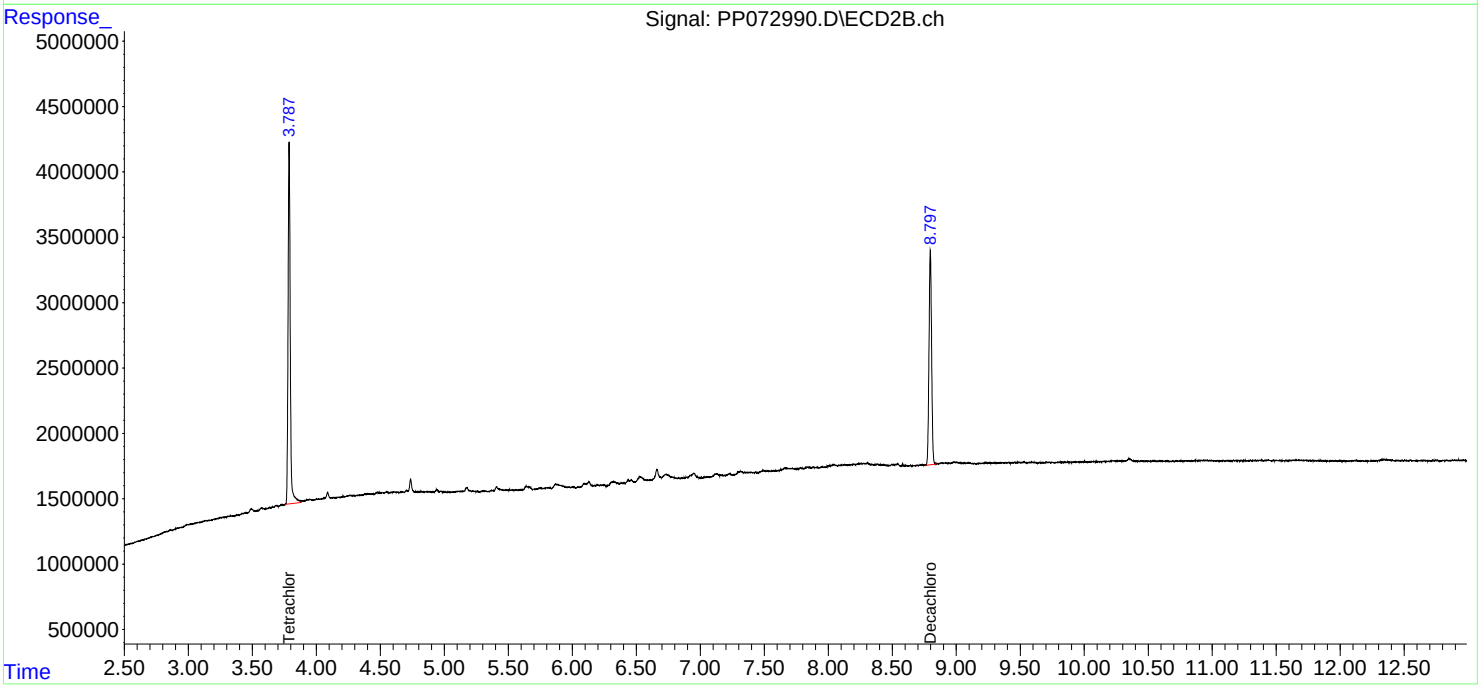
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061725\
Data File : PP072990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jun 2025 09:47
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

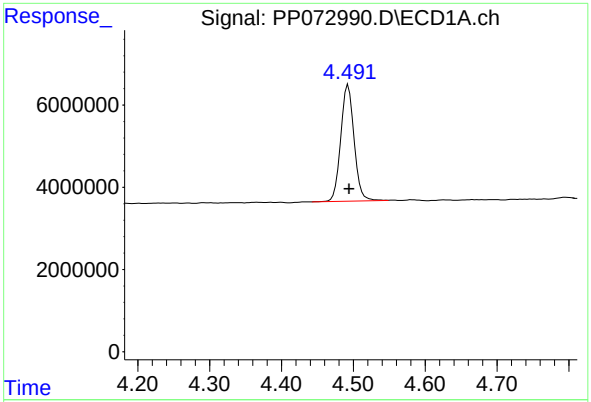
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 18 08:19:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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



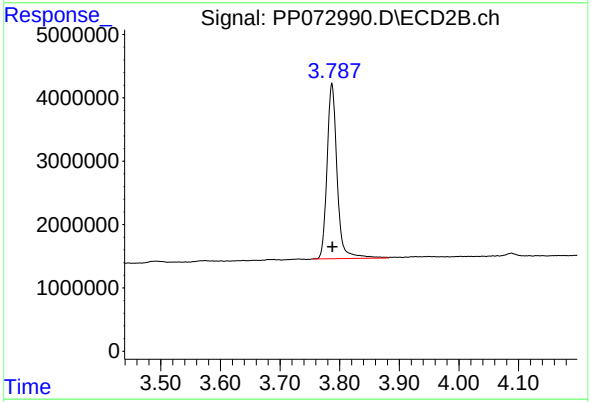




#1 Tetrachloro-m-xylene

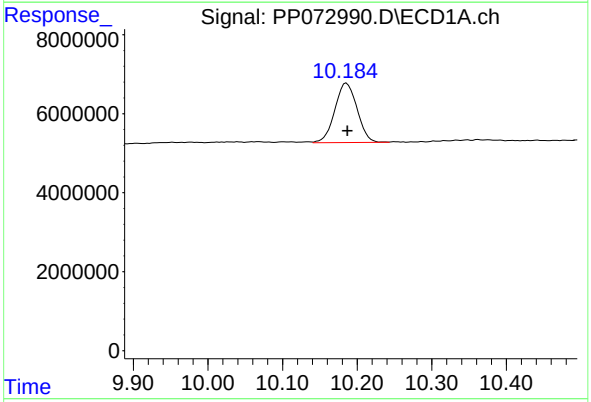
R.T.: 4.493 min
Delta R.T.: -0.001 min
Response: 36444462
Conc: 17.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



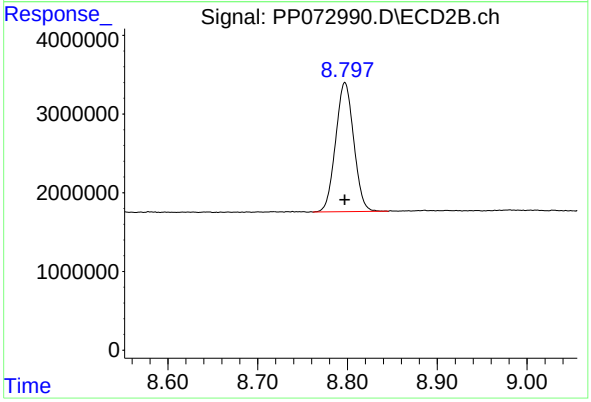
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: 0.000 min
Response: 32452614
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.186 min
Delta R.T.: -0.001 min
Response: 31234901
Conc: 18.28 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.797 min
Delta R.T.: 0.000 min
Response: 22967361
Conc: 17.21 ng/ml

Raw Data: **PP073283.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/26/25
Project:	AS Jenks School	Date Received:	06/26/25
Client Sample ID:	PIBLK-PP073283.D	SDG No.:	Q2425
Lab Sample ID:	I.BLK-PP073283.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073283.D	1		06/26/25	pp062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.8		60 - 140	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.6		60 - 140	93%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP073283.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 10:09
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 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.491	3.783	39880724	33901778	18.894	18.816
2)	SA Decachlor...	10.180	8.788	31873944	27949062	18.652	20.940m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073283.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 10:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

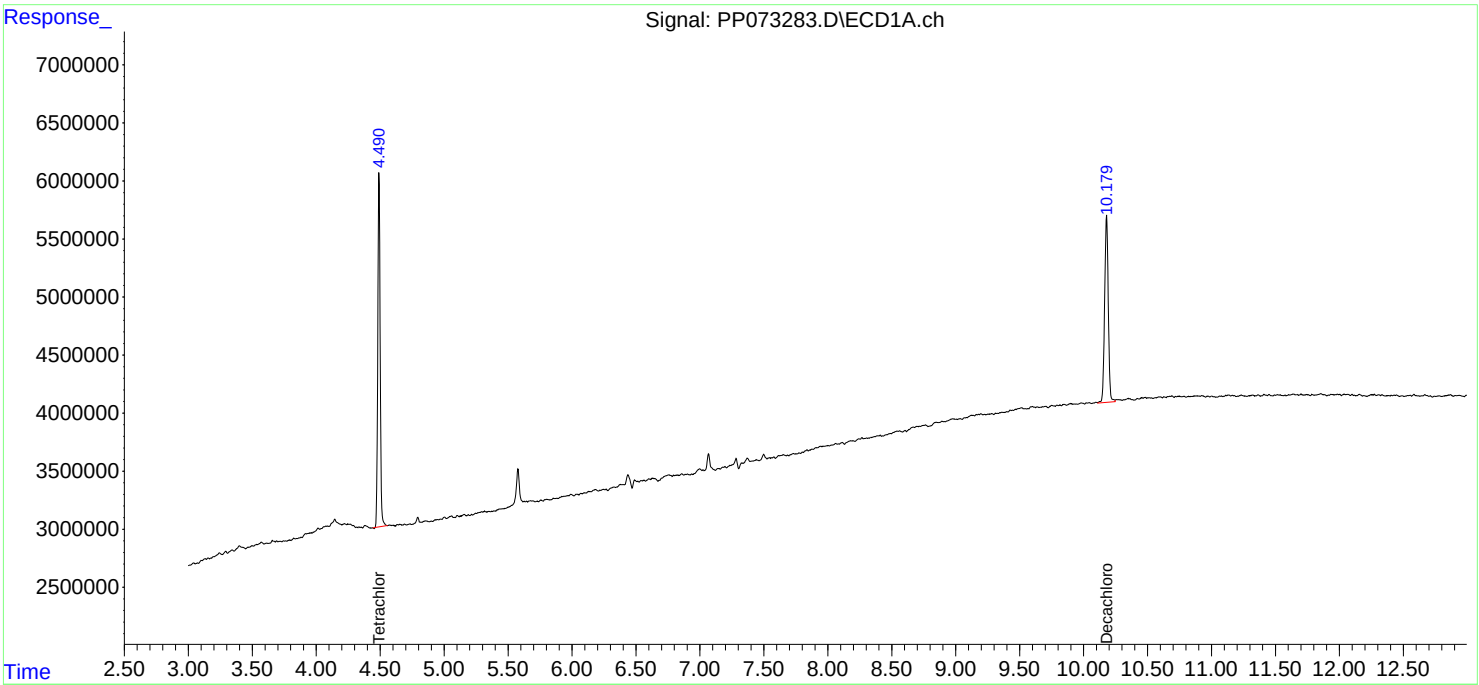
Instrument :
ECD_P
ClientSampleId :
I.BLK

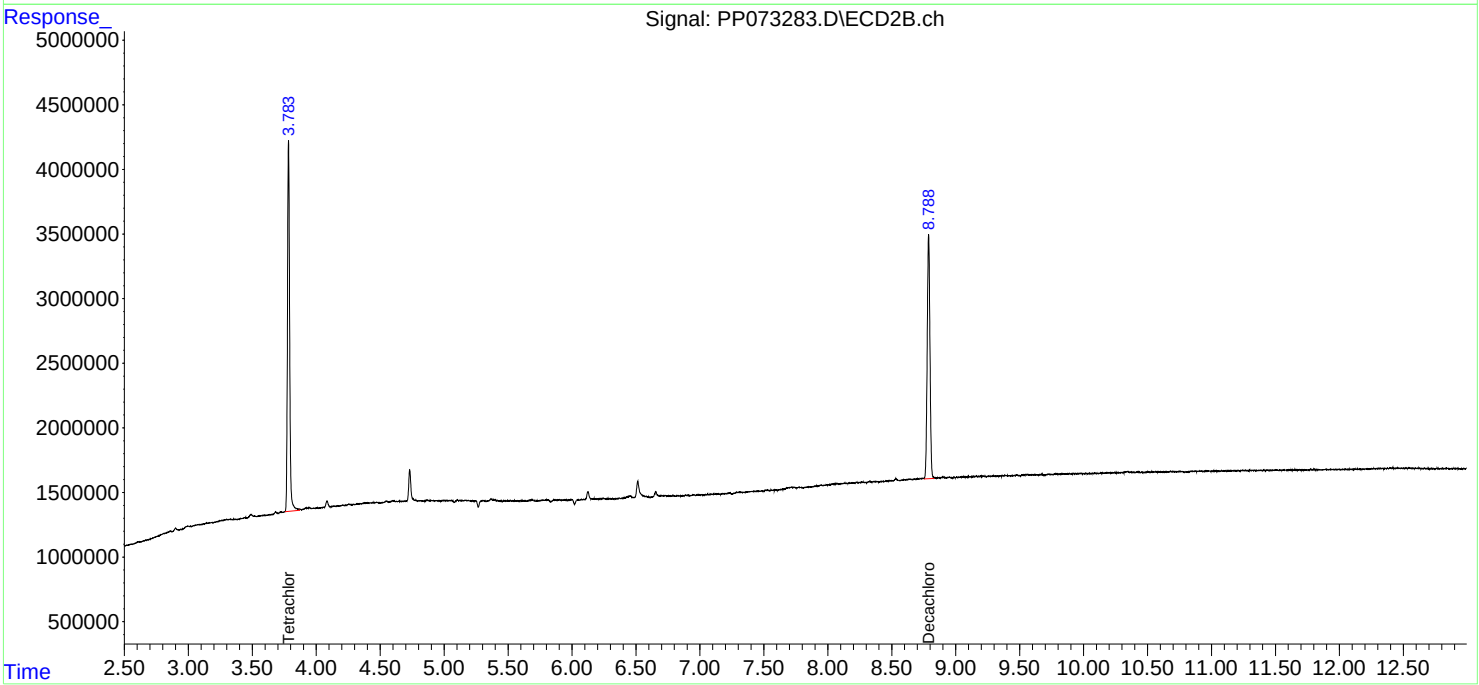
Manual Integrations APPROVED

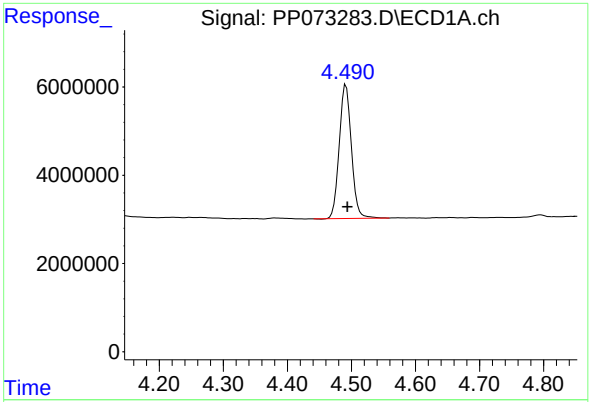
Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 11:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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







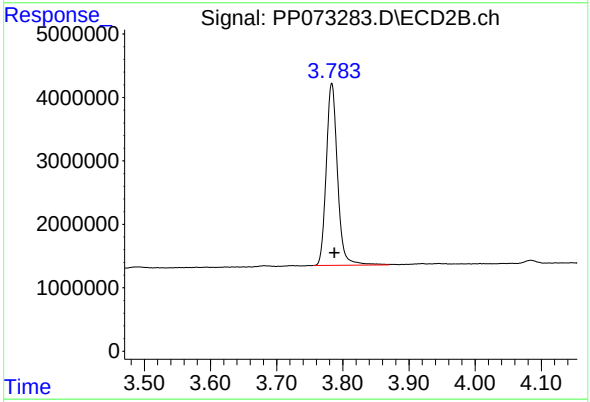
#1 Tetrachloro-m-xylene

R.T.: 4.491 min
Delta R.T.: -0.003 min
Response: 39880724
Conc: 18.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

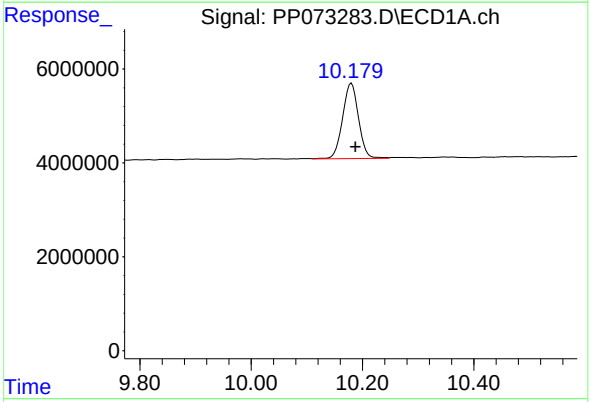
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025



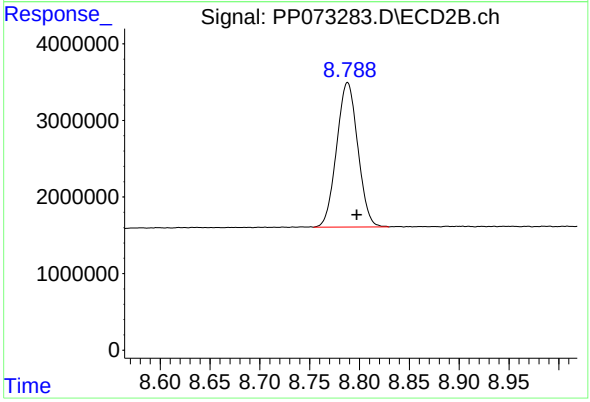
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: -0.004 min
Response: 33901778
Conc: 18.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.180 min
Delta R.T.: -0.007 min
Response: 31873944
Conc: 18.65 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.009 min
Response: 27949062
Conc: 20.94 ng/ml m

Raw Data: **PP073298.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/26/25
Project:	AS Jenks School	Date Received:	06/26/25
Client Sample ID:	PIBLK-PP073298.D	SDG No.:	Q2425
Lab Sample ID:	I.BLK-PP073298.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0 Decanted:
Sample Wt/Vol:	1000 Units: mL	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	5030		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073298.D	1		06/26/25	pp062625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140	95%	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: **PP073298.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:42
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 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.493	3.784	38539410	33620528	18.258	18.659
2)	SA Decachlor...	10.183	8.790	32358669	27372485	18.935	20.508m
	Target Compounds						

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073298.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 15:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

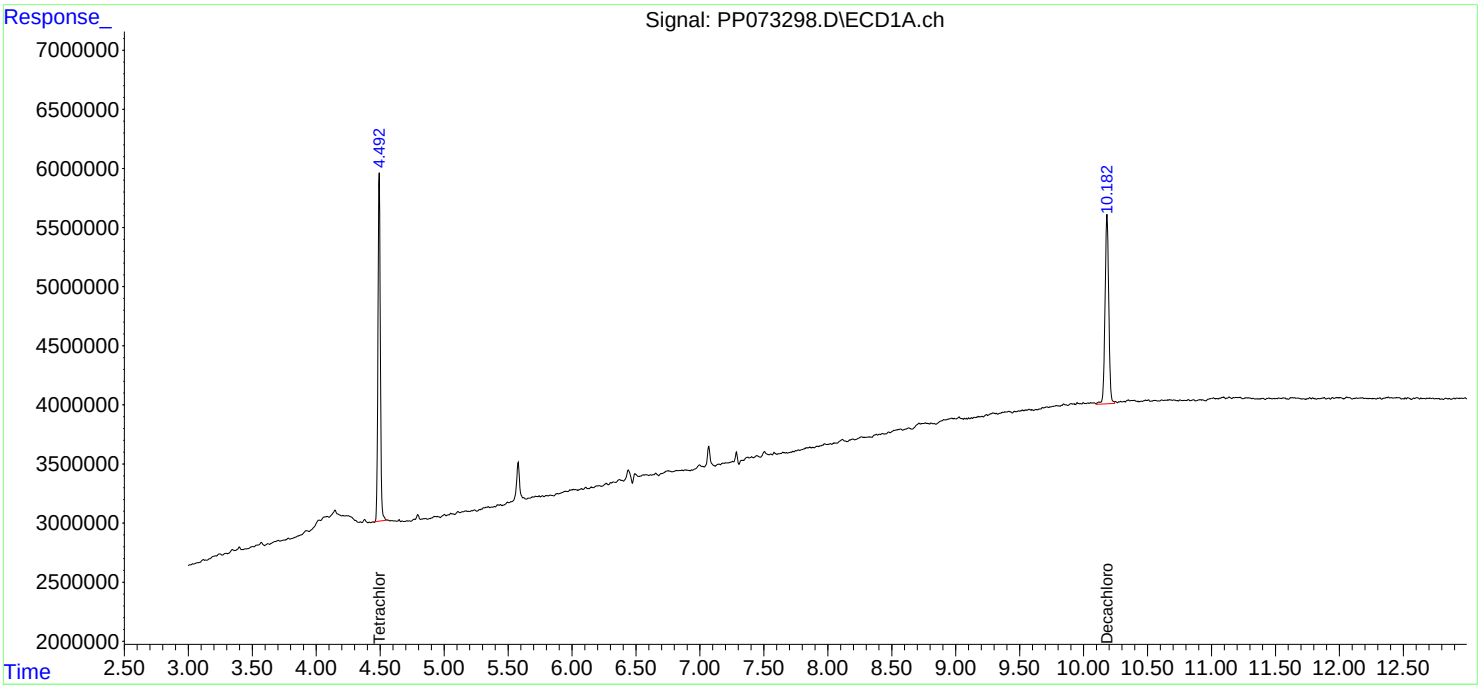
Instrument :
ECD_P
ClientSampleId :
I.BLK

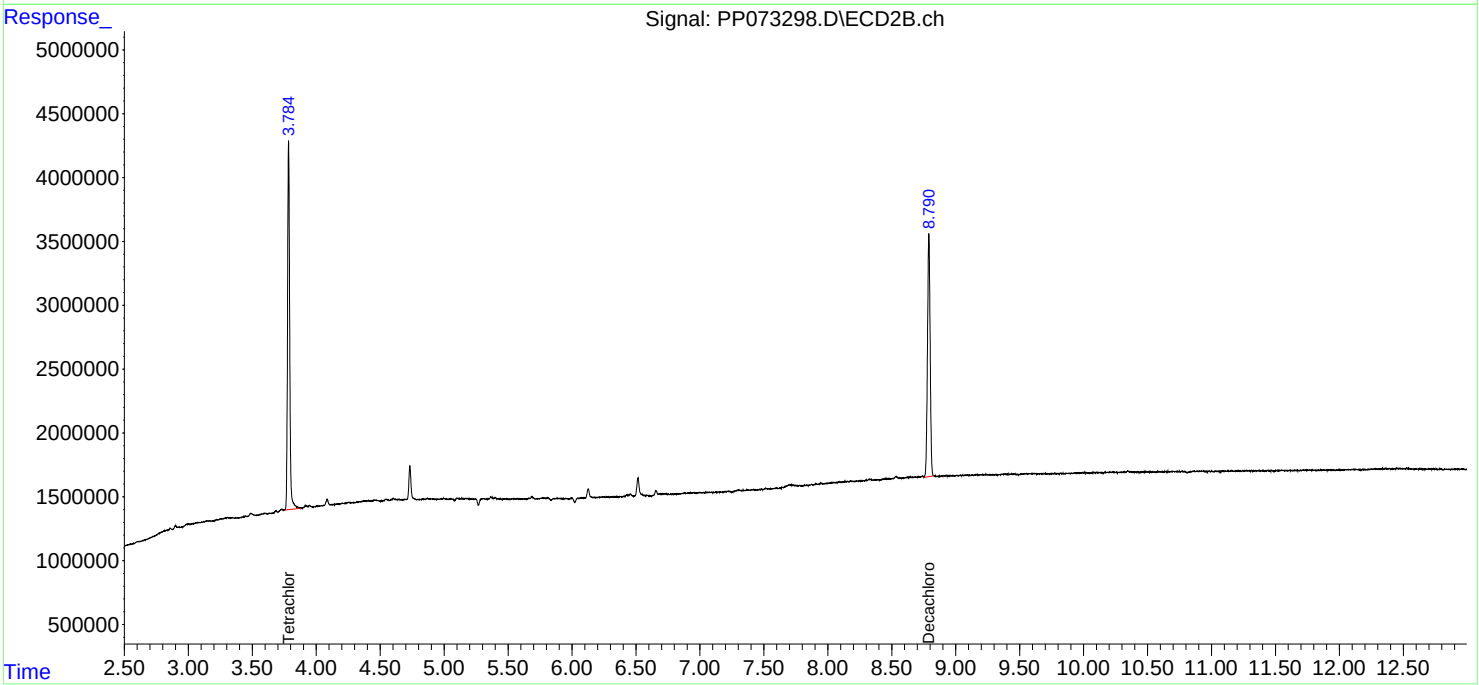
Manual Integrations APPROVED

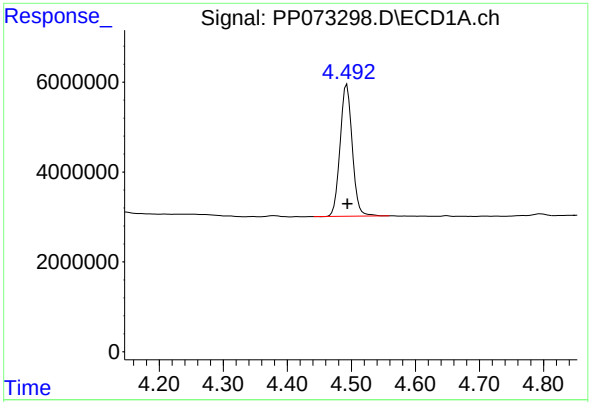
Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:29:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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







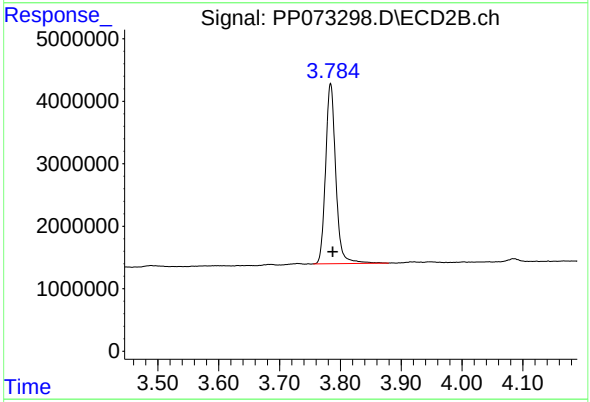
#1 Tetrachloro-m-xylene

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 38539410
Conc: 18.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

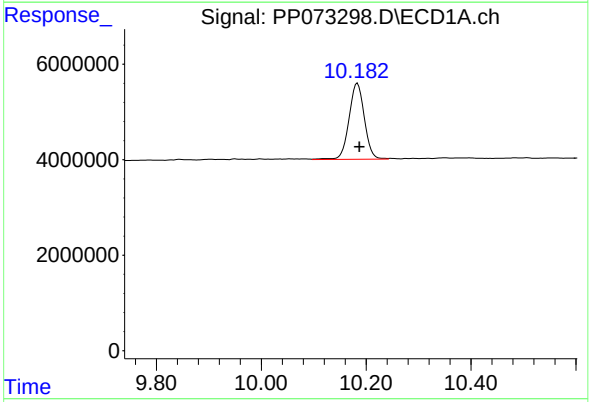
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025



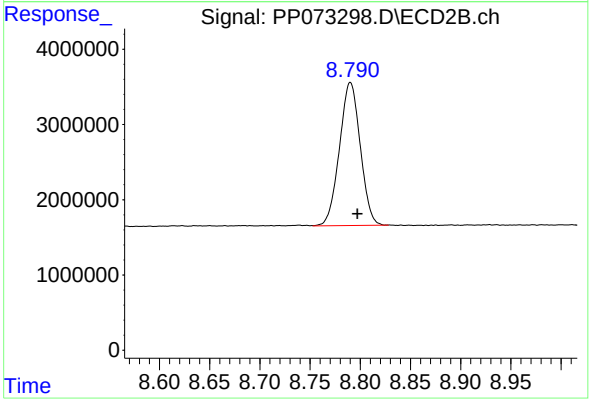
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: -0.004 min
Response: 33620528
Conc: 18.66 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.183 min
Delta R.T.: -0.004 min
Response: 32358669
Conc: 18.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.007 min
Response: 27372485
Conc: 20.51 ng/ml m

Raw Data: **PP073290.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder		Date Collected:		
Project:	AS Jenks School		Date Received:		
Client Sample ID:	PB168622BS		SDG No.:	Q2425	
Lab Sample ID:	PB168622BS		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.02 Units: g		Final Vol:	10000	uL
Soil Aliquot Vol:	uL		Test:	PCB Group1	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073290.D	1	06/26/25 08:20	06/26/25 12:42	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	160		3.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
11096-82-5	Aroclor-1260	159		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.2		32 - 144	101%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.0		32 - 175	115%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:42
Operator : YP\AJ
Sample : PB168622BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168622BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.493	3.785	42678797	33558793	20.219	18.625
2)	SA Decachlor...	10.184	8.791	34174149	30703563	19.998	23.004
	Target Compounds						
3)	L1 AR-1016-1	5.645	4.865	33523465	30238664	461.301	440.042
4)	L1 AR-1016-2	5.666	4.882	51072534	45297320	490.984	450.099
5)	L1 AR-1016-3	5.728	5.058	31560502	24727270	482.958	451.919
6)	L1 AR-1016-4	5.826	5.100	26157092	19700777	500.319	442.221
7)	L1 AR-1016-5	6.118	5.314	23620892	24692101	472.370	446.655
31)	L7 AR-1260-1	7.234	6.344	47134580	45518994	534.325	480.510
32)	L7 AR-1260-2	7.488	6.533	70979063	58227177	522.351	500.078
33)	L7 AR-1260-3	7.845	6.685	49662773	51669362	435.057	496.053
34)	L7 AR-1260-4	8.069	7.154	48299736	38646494	468.722	440.474
35)	L7 AR-1260-5	8.387	7.397	104.1E6	95201694	432.702	446.118

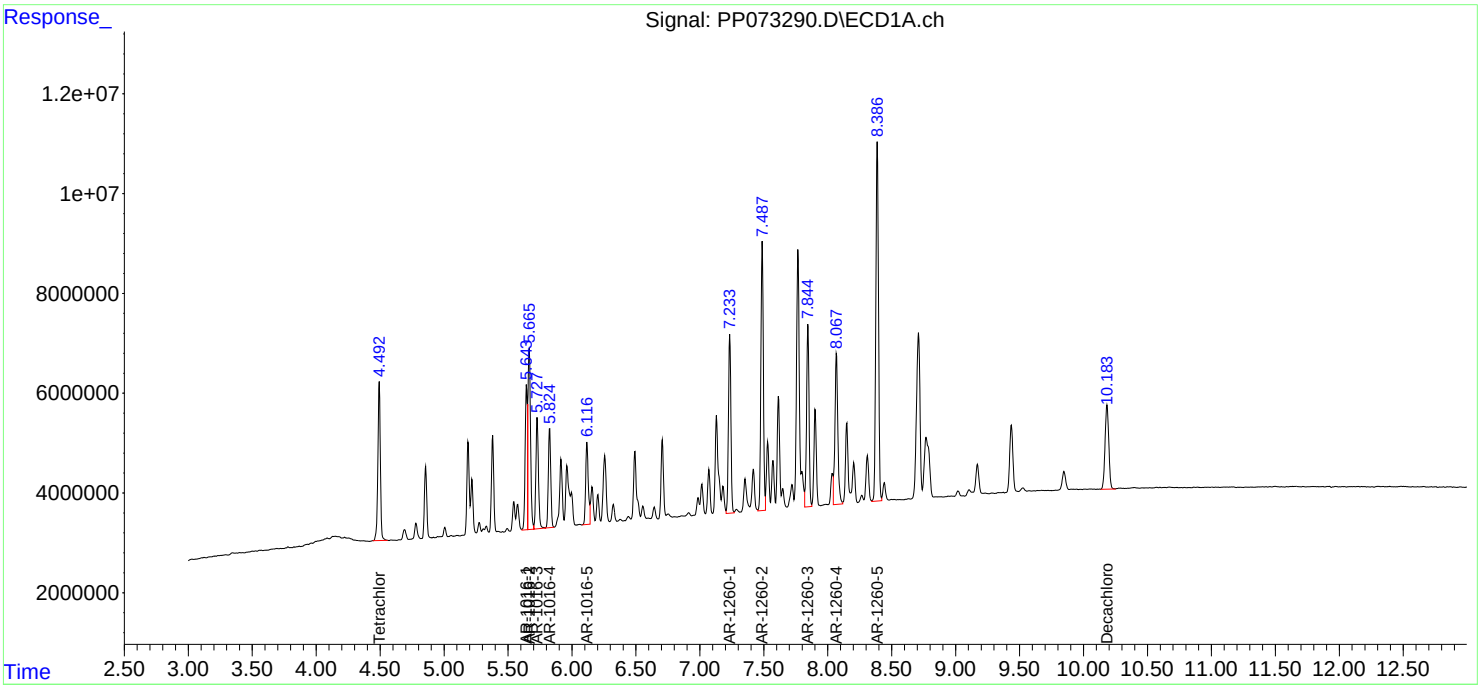
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

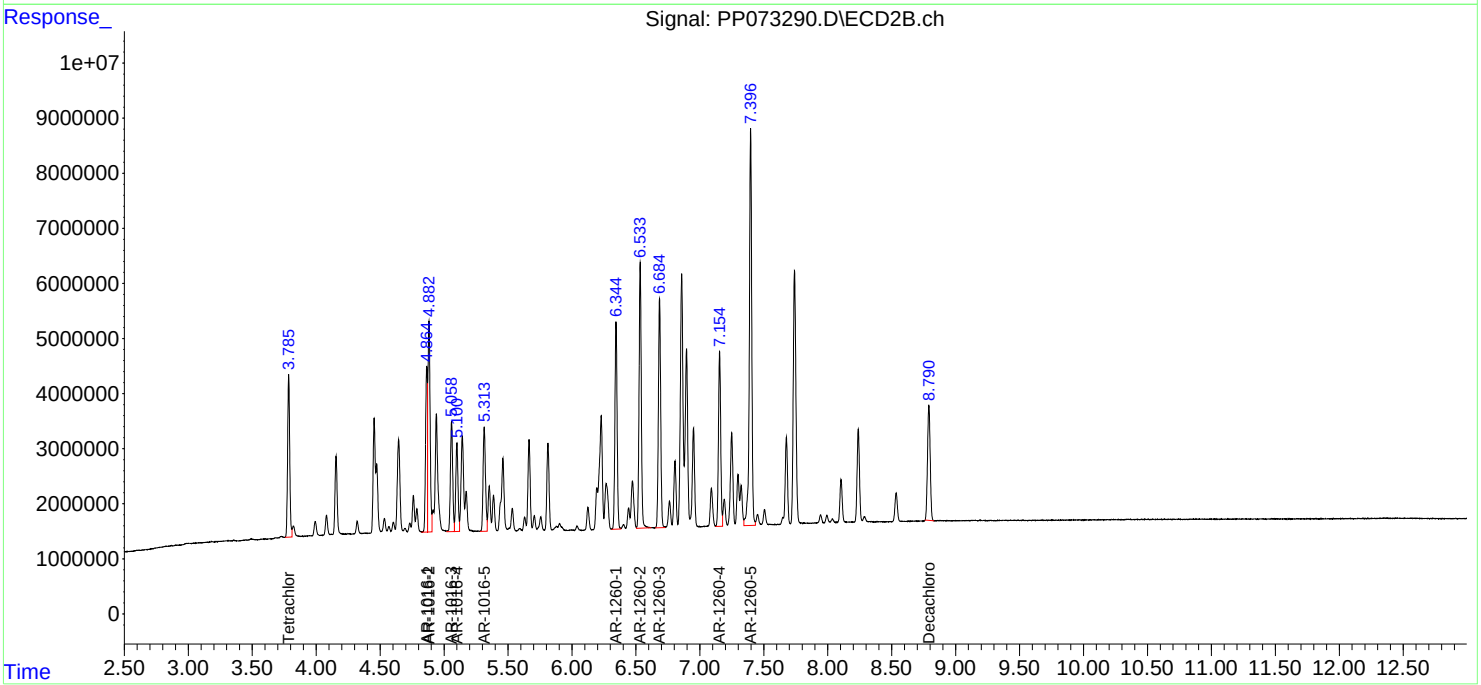
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073290.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 12:42
Operator : YP\AJ
Sample : PB168622BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168622BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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: **PP073292.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/24/25
Client Sample ID:	COP-SOIL-PILEMS	SDG No.:	Q2425
Lab Sample ID:	Q2409-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.4 Decanted:
Sample Wt/Vol:	30.03 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073292.D	1	06/26/25 08:20	06/26/25 13:15	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	163		4.10	17.6	ug/kg
11097-69-1	Aroclor-1254	135		3.30	17.6	ug/kg
11096-82-5	Aroclor-1260	195		3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.0		32 - 144	100%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.7		32 - 175	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: **PP073292.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:15
Operator : YP\AJ
Sample : Q2409-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.493	3.786	42139835	34009283	19.964	18.875	
2)	SA Decachlor...	10.183	8.791	38441152	30271662	22.495	22.680	
	Target Compounds							
3)	L1 AR-1016-1	5.644	4.865	31589497	29695696	434.689	432.141	
4)	L1 AR-1016-2	5.665	4.883	49205123	43162753	473.032	428.889	
5)	L1 AR-1016-3	5.728	5.059	28844905	24353450	441.402	445.087	
6)	L1 AR-1016-4	5.824	5.101	26134618	20917218	499.889	469.526	
7)	L1 AR-1016-5	6.117	5.314	25356858	24778331	507.085	448.215	
26)	L6 AR-1254-1	6.491	5.665	33812904	25781419	401.703	235.125	#
27)	L6 AR-1254-2	6.707	5.813	41215029	26330487	328.666	278.493	
28)	L6 AR-1254-3	7.071	6.228	25471909	57807725	194.129	391.791	#
29)	L6 AR-1254-4	7.352	6.443	20838986	9376192	173.971	96.561	#
30)	L6 AR-1254-5	7.767	6.858	98137537	67918869	858.923	522.603	#
31)	L7 AR-1260-1	7.233	6.346	57731445	50081195	654.452	528.670	
32)	L7 AR-1260-2	7.487	6.534	84719407	60687889	623.470	521.211	
33)	L7 AR-1260-3	7.845	6.685	56669964	51934757	496.442	498.601	
34)	L7 AR-1260-4	8.068	7.155	57483081	39023319	557.842	444.768	
35)	L7 AR-1260-5	8.387	7.397	118.5E6	97301364	492.306	455.957	

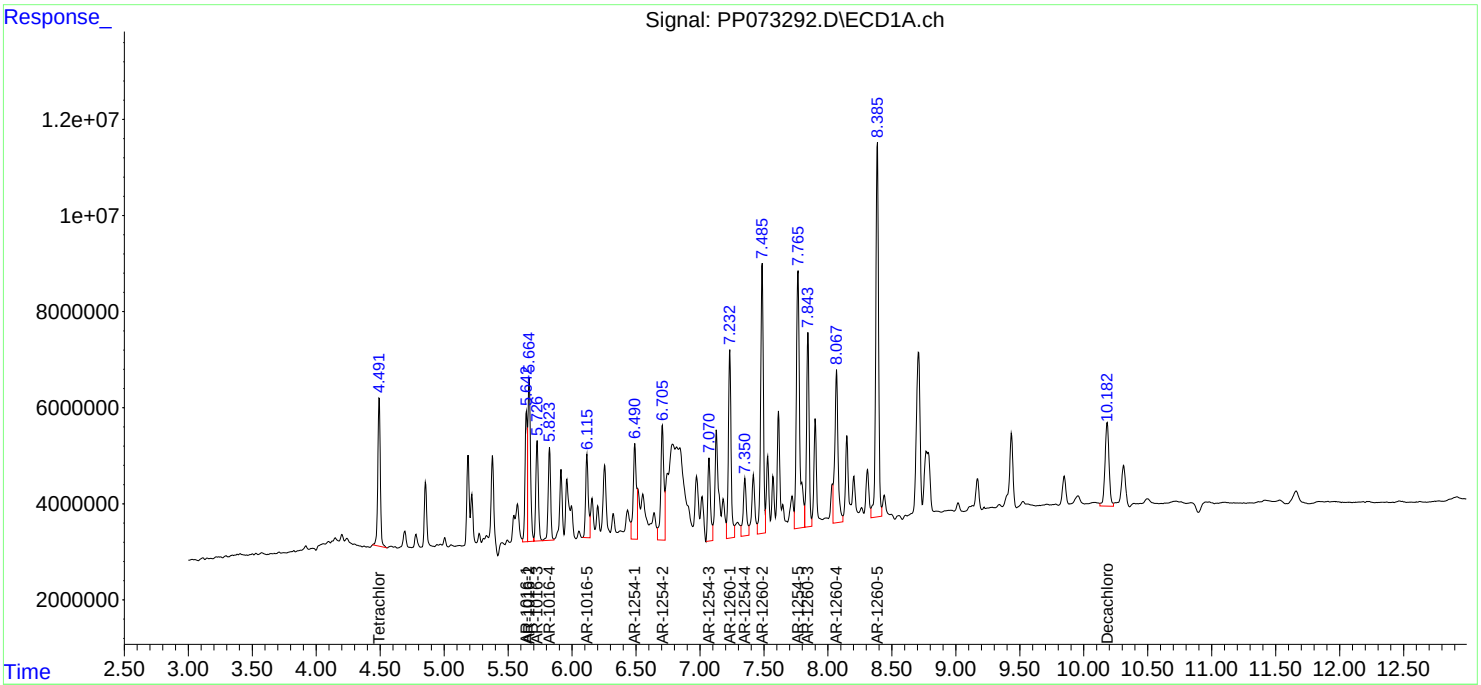
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

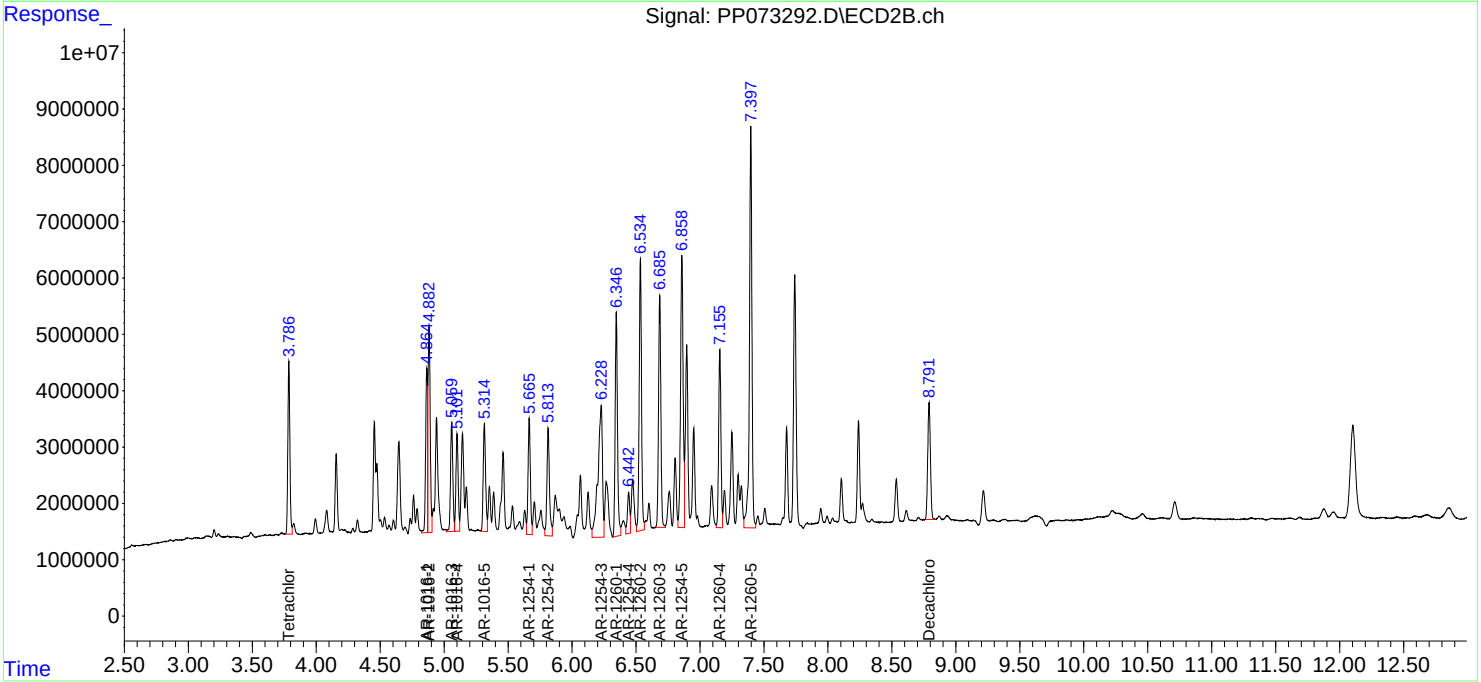
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073292.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:15
Operator : YP\AJ
Sample : Q2409-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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: **PP073293.D**

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Kleinfelder	Date Collected:	06/24/25
Project:	AS Jenks School	Date Received:	06/24/25
Client Sample ID:	COP-SOIL-PILEMSD	SDG No.:	Q2425
Lab Sample ID:	Q2409-02MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	96.4 Decanted:
Sample Wt/Vol:	30.06 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB Group1
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073293.D	1	06/26/25 08:20	06/26/25 13:31	PB168622

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	163		4.10	17.6	ug/kg
11097-69-1	Aroclor-1254	126		3.30	17.6	ug/kg
11096-82-5	Aroclor-1260	202		3.30	17.6	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.0		32 - 175	115%	SPK: 20

Comments:

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP073293.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:31
Operator : YP\AJ
Sample : Q2409-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
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...	4.490	3.785	40796458	34591378	19.327	19.198	
2)	SA Decachlor...	10.179	8.789	39338891	30306856	23.020	22.707	
	Target Compounds							
3)	L1 AR-1016-1	5.640	4.864	32182611	30386522	442.850	442.194	
4)	L1 AR-1016-2	5.662	4.882	49471900	44510137	475.597	442.277	
5)	L1 AR-1016-3	5.725	5.058	29156475	24671073	446.170	450.892	
6)	L1 AR-1016-4	5.821	5.100	25678999	21603262	491.174	484.926	
7)	L1 AR-1016-5	6.113	5.313	25370603	25642955	507.360	463.855	
26)	L6 AR-1254-1	6.487	5.664	29658723	26864055	352.351m	244.998	#
27)	L6 AR-1254-2	6.703	5.812	39335056	27381020	313.674	289.604	
28)	L6 AR-1254-3	7.068	6.226	26702435	60819084	203.508	412.201	#
29)	L6 AR-1254-4	7.349	6.441	21619956	10067672	180.491	103.682	#
30)	L6 AR-1254-5	7.763	6.858	88804745	71180903	777.240	547.703	#
31)	L7 AR-1260-1	7.230	6.344	58492327	51665843	663.078	545.398	
32)	L7 AR-1260-2	7.483	6.532	85840134	62894246	631.718	540.160	
33)	L7 AR-1260-3	7.841	6.684	56579533	53544278	495.650	514.053	
34)	L7 AR-1260-4	8.065	7.153	66585256	39755716	646.173	453.116	#
35)	L7 AR-1260-5	8.383	7.395	119.0E6	98739303	494.397	462.695	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP062625\
Data File : PP073293.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Jun 2025 13:31
Operator : YP\AJ
Sample : Q2409-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

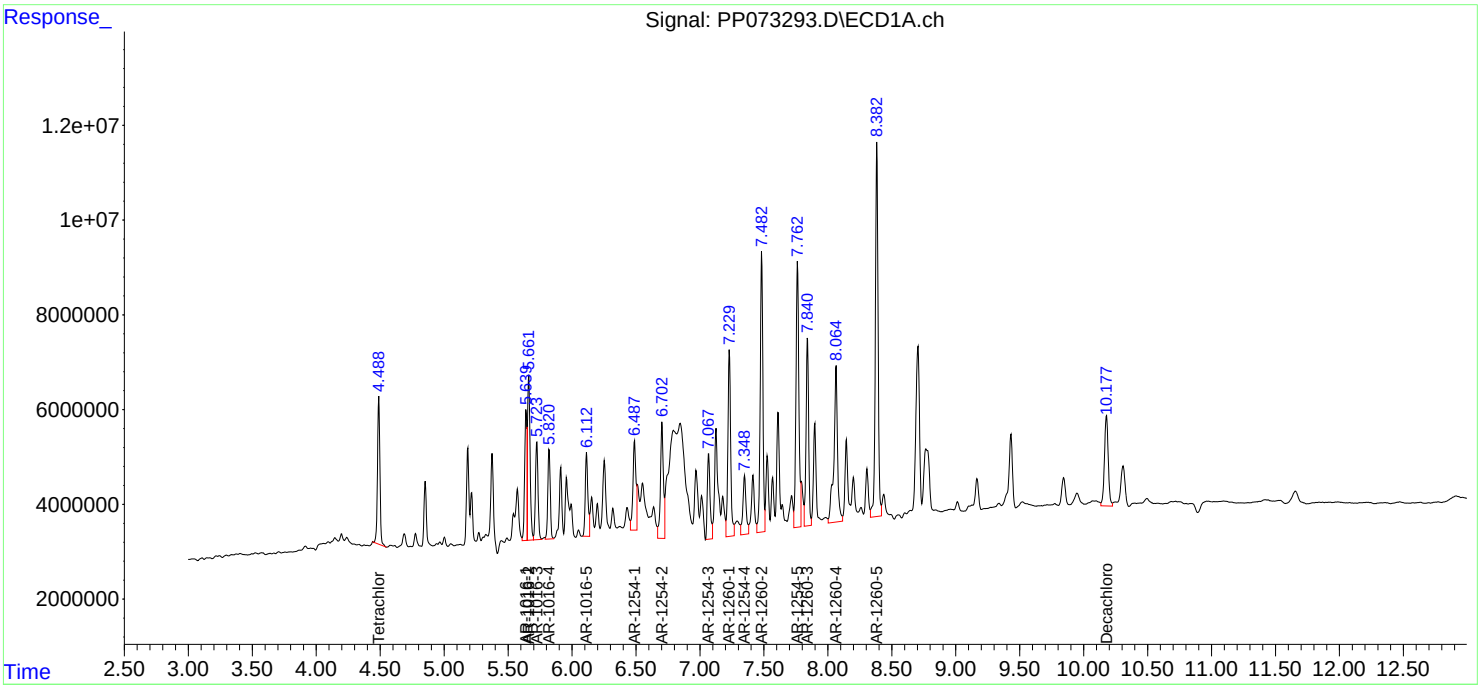
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 23:27:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP061725.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jun 18 08:17:15 2025
Response via : Initial Calibration
Integrator: ChemStation

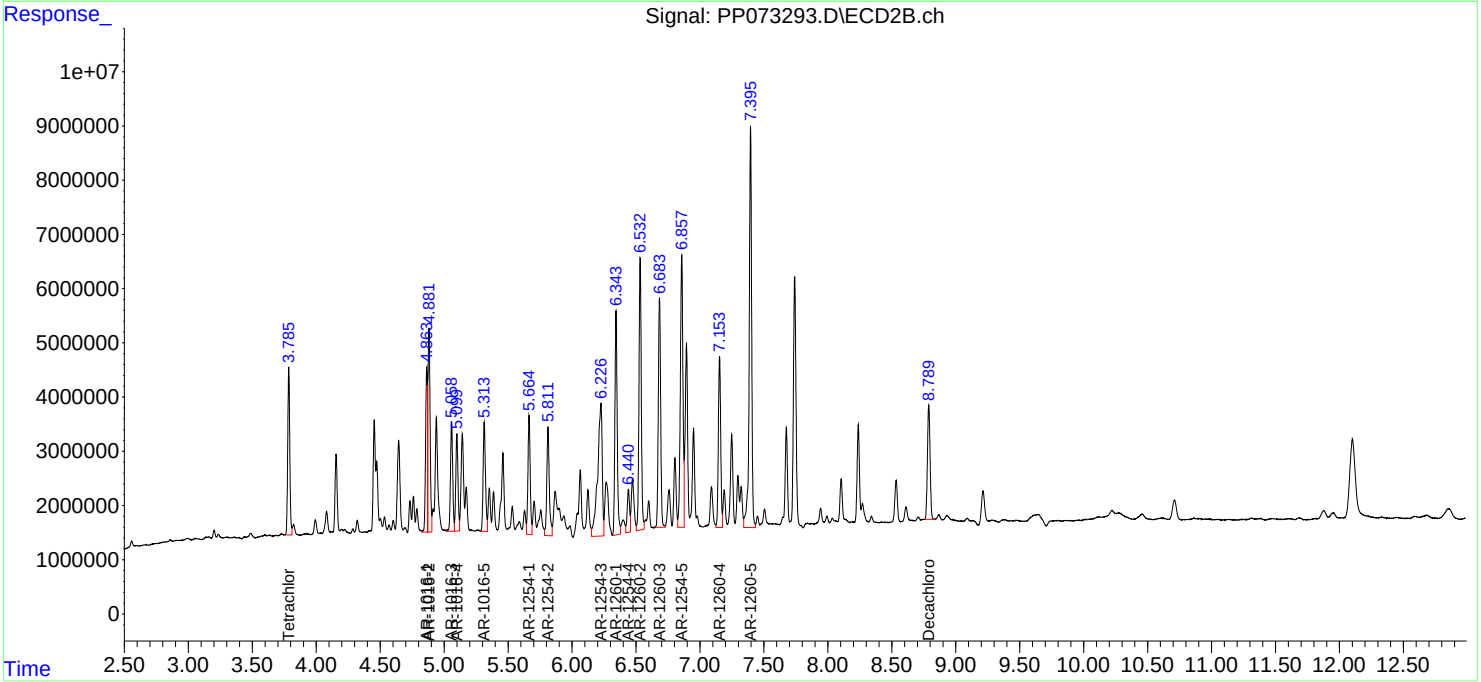
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

Instrument :
ECD_P
ClientSampleId :
COP-SOIL-PILEMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/27/2025
Supervised By :mohammad ahmed 06/30/2025





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

Manual Integration Report

Sequence:	po061125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO111591.D	AR-1016-1	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-3	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-4	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1016-5	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-1	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-1 #2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1660ICC050	PO111591.D	AR-1260-2 #2	yogesh	6/12/2025 8:55:39 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-1	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-2	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-3	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1242ICC050	PO111598.D	AR-1242-4	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software

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Manual Integration Report

Sequence:	po061125	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO111598.D	AR-1242-5	yogesh	6/12/2025 8:55:41 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-1	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-3	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-4	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1248ICC050	PO111603.D	AR-1248-5	yogesh	6/12/2025 8:55:43 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1254ICC750	PO111605.D	Tetrachloro-m-xylene	yogesh	6/12/2025 8:55:45 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC1000	PO111610.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:46 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC250	PO111613.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:48 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICC250	PO111613.D	AR-1268-4 #2	yogesh	6/12/2025 8:55:48 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software
AR1268ICV500	PO111619.D	AR-1268-1 #2	yogesh	6/12/2025 8:55:50 AM	mohammad	6/13/2025 1:40:28	Peak Integrated by Software

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Manual Integration Report

Sequence:	po062625	Instrument	ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason

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Manual Integration Report

Sequence:	pp061725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP072994.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:19 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-1	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-2	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-3	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-4	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1660ICC050	PP072995.D	AR-1016-5	yogesh	6/18/2025 8:42:20 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-1 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-2 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-3 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-4	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp061725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP073002.D	AR-1242-4 #2	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	AR-1242-5	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1242ICC050	PP073002.D	Decachlorobiphenyl	yogesh	6/18/2025 8:42:22 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software
AR1268ICC050	PP073018.D	AR-1268-1	yogesh	6/18/2025 8:42:25 AM	mohammad	6/19/2025 2:43:36	Peak Integrated by Software

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Manual Integration Report

Sequence:	pp062625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC50 0	PP073279.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:35 AM			Peak Integrated by Software
AR1242CCC50 0	PP073280.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:37 AM			Peak Integrated by Software
AR1248CCC50 0	PP073281.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:40 AM			Peak Integrated by Software
AR1254CCC50 0	PP073282.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:43 AM			Peak Integrated by Software
I.BLK	PP073283.D	Decachlorobiphenyl #2	yogesh	6/27/2025 10:42:45 AM			Peak Integrated by Software
Q2409-02MSD	PP073293.D	AR-1254-1	yogesh	6/27/2025 7:26:53 AM			Peak Integrated by Software
AR1660CCC50 0	PP073294.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:26:54 AM			Peak Integrated by Software
AR1242CCC50 0	PP073295.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:26:57 AM			Peak Integrated by Software
AR1254CCC50 0	PP073297.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:26:59 AM			Peak Integrated by Software
I.BLK	PP073298.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:00 AM			Peak Integrated by Software
AR1660CCC50 0	PP073309.D	AR-1016-2 #2	yogesh	6/27/2025 7:27:12 AM			Peak Integrated by Software
AR1242CCC50 0	PP073310.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:14 AM			Peak Integrated by Software
AR1254CCC50 0	PP073312.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:15 AM			Peak Integrated by Software

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Manual Integration Report

Sequence:	pp062625	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP073313.D	Decachlorobiphenyl #2	yogesh	6/27/2025 7:27:30 AM			Peak Integrated by Software

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM		
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM		
SubDirectory	PO061125	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111585.D	11 Jun 2025 10:03	YP/AJ	Ok
2	I.BLK	PO111586.D	11 Jun 2025 10:21	YP/AJ	Ok
3	AR1660ICC1000	PO111587.D	11 Jun 2025 10:40	YP/AJ	Ok
4	AR1660ICC750	PO111588.D	11 Jun 2025 10:58	YP/AJ	Ok
5	AR1660ICC500	PO111589.D	11 Jun 2025 11:17	YP/AJ	Ok
6	AR1660ICC250	PO111590.D	11 Jun 2025 11:35	YP/AJ	Ok
7	AR1660ICC050	PO111591.D	11 Jun 2025 11:53	YP/AJ	Ok,M
8	AR1221ICC500	PO111592.D	11 Jun 2025 12:12	YP/AJ	Ok
9	AR1232ICC500	PO111593.D	11 Jun 2025 12:30	YP/AJ	Ok
10	AR1242ICC1000	PO111594.D	11 Jun 2025 12:48	YP/AJ	Ok
11	AR1242ICC750	PO111595.D	11 Jun 2025 13:07	YP/AJ	Ok
12	AR1242ICC500	PO111596.D	11 Jun 2025 13:25	YP/AJ	Ok
13	AR1242ICC250	PO111597.D	11 Jun 2025 13:44	YP/AJ	Ok
14	AR1242ICC050	PO111598.D	11 Jun 2025 14:02	YP/AJ	Ok,M
15	AR1248ICC1000	PO111599.D	11 Jun 2025 14:20	YP/AJ	Ok
16	AR1248ICC750	PO111600.D	11 Jun 2025 14:39	YP/AJ	Ok
17	AR1248ICC500	PO111601.D	11 Jun 2025 15:14	YP/AJ	Ok
18	AR1248ICC250	PO111602.D	11 Jun 2025 15:32	YP/AJ	Ok
19	AR1248ICC050	PO111603.D	11 Jun 2025 15:49	YP/AJ	Ok,M
20	AR1254ICC1000	PO111604.D	11 Jun 2025 16:06	YP/AJ	Ok
21	AR1254ICC750	PO111605.D	11 Jun 2025 16:25	YP/AJ	Ok,M

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM		
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM		
SubDirectory	PO061125	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PO111606.D	11 Jun 2025 16:43	YP/AJ	Ok
23	AR1254ICC250	PO111607.D	11 Jun 2025 17:00	YP/AJ	Ok
24	AR1254ICC050	PO111608.D	11 Jun 2025 17:18	YP/AJ	Ok
25	AR1262ICC500	PO111609.D	11 Jun 2025 17:36	YP/AJ	Ok
26	AR1268ICC1000	PO111610.D	11 Jun 2025 17:55	YP/AJ	Ok,M
27	AR1268ICC750	PO111611.D	11 Jun 2025 18:13	YP/AJ	Ok
28	AR1268ICC500	PO111612.D	11 Jun 2025 18:31	YP/AJ	Ok
29	AR1268ICC250	PO111613.D	11 Jun 2025 18:50	YP/AJ	Ok,M
30	AR1268ICC050	PO111614.D	11 Jun 2025 19:07	YP/AJ	Ok
31	PO061125ICV500	PO111615.D	11 Jun 2025 19:25	YP/AJ	Ok
32	AR1242ICV500	PO111616.D	11 Jun 2025 20:02	YP/AJ	Ok
33	AR1248ICV500	PO111617.D	11 Jun 2025 20:39	YP/AJ	Ok
34	AR1254ICV500	PO111618.D	11 Jun 2025 21:16	YP/AJ	Ok
35	AR1268ICV500	PO111619.D	11 Jun 2025 21:52	YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO062625

Review By	yogesh	Review On	6/26/2025 12:34:00 PM		
Supervise By		Supervise On			
SubDirectory	PO062625	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO111857.D	26 Jun 2025 09:25	YP/AJ	Ok
2	AR1660CCC500	PO111858.D	26 Jun 2025 10:06	YP/AJ	Ok
3	AR1242CCC500	PO111859.D	26 Jun 2025 10:24	YP/AJ	Ok
4	AR1248CCC500	PO111860.D	26 Jun 2025 10:43	YP/AJ	Ok
5	AR1254CCC500	PO111861.D	26 Jun 2025 11:01	YP/AJ	Ok
6	I.BLK	PO111862.D	26 Jun 2025 11:20	YP/AJ	Ok
7	DDT ANALOGUE	PO111863.D	26 Jun 2025 11:38	YP/AJ	Ok
8	Q2420-01	PO111864.D	26 Jun 2025 12:36	YP/AJ	Ok,NS
9	Q2423-01	PO111865.D	26 Jun 2025 12:55	YP/AJ	Ok,NS
10	Q2425-01	PO111866.D	26 Jun 2025 13:12	YP/AJ	Ok
11	Q2425-02	PO111867.D	26 Jun 2025 13:30	YP/AJ	Ok
12	Q2425-03	PO111868.D	26 Jun 2025 13:48	YP/AJ	Ok
13	Q2410-01	PO111869.D	26 Jun 2025 14:06	YP/AJ	Ok,NS
14	Q2422-01	PO111870.D	26 Jun 2025 14:23	YP/AJ	Ok,NS
15	AR1660CCC500	PO111871.D	26 Jun 2025 15:37	YP/AJ	Ok
16	AR1242CCC500	PO111872.D	26 Jun 2025 15:56	YP/AJ	Ok
17	AR1248CCC500	PO111873.D	26 Jun 2025 16:14	YP/AJ	Ok
18	AR1254CCC500	PO111874.D	26 Jun 2025 16:33	YP/AJ	Ok
19	I.BLK	PO111875.D	26 Jun 2025 16:51	YP/AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP072989.D	17 Jun 2025 09:31	YP\AJ	Ok
2	I.BLK	PP072990.D	17 Jun 2025 09:47	YP\AJ	Ok
3	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04	YP\AJ	Ok
4	AR1660ICC750	PP072992.D	17 Jun 2025 10:20	YP\AJ	Ok
5	AR1660ICC500	PP072993.D	17 Jun 2025 10:37	YP\AJ	Ok
6	AR1660ICC250	PP072994.D	17 Jun 2025 10:53	YP\AJ	Ok,M
7	AR1660ICC050	PP072995.D	17 Jun 2025 11:43	YP\AJ	Ok,M
8	AR1221ICC500	PP072996.D	17 Jun 2025 12:00	YP\AJ	Ok
9	AR1232ICC500	PP072997.D	17 Jun 2025 12:16	YP\AJ	Ok
10	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27	YP\AJ	Ok
11	AR1242ICC750	PP072999.D	17 Jun 2025 14:43	YP\AJ	Ok
12	AR1242ICC500	PP073000.D	17 Jun 2025 15:00	YP\AJ	Ok
13	AR1242ICC250	PP073001.D	17 Jun 2025 15:16	YP\AJ	Ok
14	AR1242ICC050	PP073002.D	17 Jun 2025 15:32	YP\AJ	Ok,M
15	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49	YP\AJ	Ok
16	AR1248ICC750	PP073004.D	17 Jun 2025 16:21	YP\AJ	Ok
17	AR1248ICC500	PP073005.D	17 Jun 2025 16:37	YP\AJ	Ok
18	AR1248ICC250	PP073006.D	17 Jun 2025 16:54	YP\AJ	Ok
19	AR1248ICC050	PP073007.D	17 Jun 2025 17:10	YP\AJ	Ok
20	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26	YP\AJ	Ok
21	AR1254ICC750	PP073009.D	17 Jun 2025 17:43	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	AR1254ICC500	PP073010.D	17 Jun 2025 17:59	YP\AJ	Ok
23	AR1254ICC250	PP073011.D	17 Jun 2025 18:15	YP\AJ	Ok
24	AR1254ICC050	PP073012.D	17 Jun 2025 18:32	YP\AJ	Ok
25	AR1262ICC500	PP073013.D	17 Jun 2025 18:48	YP\AJ	Ok
26	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04	YP\AJ	Ok
27	AR1268ICC750	PP073015.D	17 Jun 2025 19:21	YP\AJ	Ok
28	AR1268ICC500	PP073016.D	17 Jun 2025 19:37	YP\AJ	Ok
29	AR1268ICC250	PP073017.D	17 Jun 2025 19:53	YP\AJ	Ok
30	AR1268ICC050	PP073018.D	17 Jun 2025 20:10	YP\AJ	Ok,M
31	PP061725ICV500	PP073019.D	17 Jun 2025 20:26	YP\AJ	Ok
32	AR1242ICV500	PP073020.D	17 Jun 2025 20:59	YP\AJ	Ok
33	AR1248ICV500	PP073021.D	17 Jun 2025 21:31	YP\AJ	Ok
34	AR1254ICV500	PP073022.D	17 Jun 2025 22:04	YP\AJ	Ok
35	AR1268ICV500	PP073023.D	17 Jun 2025 22:37	YP\AJ	Ok
36	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM		
Supervise By		Supervise On			
SubDirectory	PP062625	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073278.D	26 Jun 2025 08:47	YP\AJ	Ok
2	AR1660CCC500	PP073279.D	26 Jun 2025 09:04	YP\AJ	Ok,NS
3	AR1242CCC500	PP073280.D	26 Jun 2025 09:20	YP\AJ	Ok,NS
4	AR1248CCC500	PP073281.D	26 Jun 2025 09:36	YP\AJ	Ok,NS
5	AR1254CCC500	PP073282.D	26 Jun 2025 09:53	YP\AJ	Ok,NS
6	I.BLK	PP073283.D	26 Jun 2025 10:09	YP\AJ	Ok,NS
7	DDT ANALOGUE	PP073284.D	26 Jun 2025 10:25	YP\AJ	Ok
8	Q2387-01DL	PP073285.D	26 Jun 2025 10:42	YP\AJ	Ok
9	Q2387-02DL	PP073286.D	26 Jun 2025 10:58	YP\AJ	Ok
10	Q2387-03DL	PP073287.D	26 Jun 2025 11:14	YP\AJ	Ok
11	Q2421-06DL	PP073288.D	26 Jun 2025 11:31	YP\AJ	Ok,NS
12	PB168622BL	PP073289.D	26 Jun 2025 12:25	YP\AJ	Ok
13	PB168622BS	PP073290.D	26 Jun 2025 12:42	YP\AJ	Ok
14	Q2409-02	PP073291.D	26 Jun 2025 12:58	YP\AJ	Ok,NS
15	Q2409-02MS	PP073292.D	26 Jun 2025 13:15	YP\AJ	Ok
16	Q2409-02MSD	PP073293.D	26 Jun 2025 13:31	YP\AJ	Ok,NS
17	AR1660CCC500	PP073294.D	26 Jun 2025 14:37	YP\AJ	Ok,NS
18	AR1242CCC500	PP073295.D	26 Jun 2025 14:53	YP\AJ	Ok,NS
19	AR1248CCC500	PP073296.D	26 Jun 2025 15:09	YP\AJ	Ok
20	AR1254CCC500	PP073297.D	26 Jun 2025 15:26	YP\AJ	Ok,NS
21	I.BLK	PP073298.D	26 Jun 2025 15:42	YP\AJ	Ok,NS

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM		
Supervise By		Supervise On			
SubDirectory	PP062625	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344 ,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP2435 9,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

22	Q2413-01	PP073299.D	26 Jun 2025 15:58	YP\AJ	Ok,NS
23	Q2413-02	PP073300.D	26 Jun 2025 16:15	YP\AJ	Ok
24	Q2413-03	PP073301.D	26 Jun 2025 16:31	YP\AJ	Ok,NS
25	Q2413-04	PP073302.D	26 Jun 2025 16:47	YP\AJ	Ok
26	Q2413-05	PP073303.D	26 Jun 2025 17:04	YP\AJ	Ok
27	Q2413-06	PP073304.D	26 Jun 2025 17:20	YP\AJ	Ok,NS
28	Q2414-01	PP073305.D	26 Jun 2025 17:36	YP\AJ	Ok
29	Q2415-01	PP073306.D	26 Jun 2025 17:52	YP\AJ	Ok
30	Q2416-01	PP073307.D	26 Jun 2025 18:09	YP\AJ	Ok,NS
31	Q2419-01	PP073308.D	26 Jun 2025 18:25	YP\AJ	Not Ok
32	AR1660CCC500	PP073309.D	26 Jun 2025 19:30	YP\AJ	Ok,NS
33	AR1242CCC500	PP073310.D	26 Jun 2025 19:47	YP\AJ	Ok,NS
34	AR1248CCC500	PP073311.D	26 Jun 2025 20:03	YP\AJ	Ok
35	AR1254CCC500	PP073312.D	26 Jun 2025 20:19	YP\AJ	Ok,NS
36	I.BLK	PP073313.D	26 Jun 2025 20:35	YP\AJ	Ok,NS

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM		
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM		
SubDirectory	PO061125	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111585.D	11 Jun 2025 10:03		YP/AJ	Ok
2	I.BLK	I.BLK	PO111586.D	11 Jun 2025 10:21		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO111587.D	11 Jun 2025 10:40		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO111588.D	11 Jun 2025 10:58		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO111589.D	11 Jun 2025 11:17		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO111590.D	11 Jun 2025 11:35		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO111591.D	11 Jun 2025 11:53		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO111592.D	11 Jun 2025 12:12		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO111593.D	11 Jun 2025 12:30		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO111594.D	11 Jun 2025 12:48		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO111595.D	11 Jun 2025 13:07		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO111596.D	11 Jun 2025 13:25		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO111597.D	11 Jun 2025 13:44		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO111598.D	11 Jun 2025 14:02		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO111599.D	11 Jun 2025 14:20		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO111600.D	11 Jun 2025 14:39		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO111601.D	11 Jun 2025 15:14		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO111602.D	11 Jun 2025 15:32		YP/AJ	Ok

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO061125

Review By	yogesh	Review On	6/11/2025 3:41:50 PM		
Supervise By	mohammad	Supervise On	6/13/2025 1:40:28 AM		
SubDirectory	PO061125	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PO111603.D	11 Jun 2025 15:49		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO111604.D	11 Jun 2025 16:06		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO111605.D	11 Jun 2025 16:25		YP/AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PO111606.D	11 Jun 2025 16:43		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO111607.D	11 Jun 2025 17:00		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO111608.D	11 Jun 2025 17:18		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO111609.D	11 Jun 2025 17:36		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO111610.D	11 Jun 2025 17:55		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO111611.D	11 Jun 2025 18:13		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO111612.D	11 Jun 2025 18:31		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO111613.D	11 Jun 2025 18:50		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO111614.D	11 Jun 2025 19:07		YP/AJ	Ok
31	PO061125ICV500	ICVPO061125	PO111615.D	11 Jun 2025 19:25		YP/AJ	Ok
32	AR1242ICV500	ICVPO061125	PO111616.D	11 Jun 2025 20:02		YP/AJ	Ok
33	AR1248ICV500	ICVPO061125	PO111617.D	11 Jun 2025 20:39		YP/AJ	Ok
34	AR1254ICV500	ICVPO061125	PO111618.D	11 Jun 2025 21:16		YP/AJ	Ok
35	AR1268ICV500	ICVPO061125	PO111619.D	11 Jun 2025 21:52		YP/AJ	Ok,M

M : Manual Integration

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Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO062625

Review By	yogesh	Review On	6/26/2025 12:34:00 PM		
Supervise By		Supervise On			
SubDirectory	PO062625	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO111857.D	26 Jun 2025 09:25		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO111858.D	26 Jun 2025 10:06		YP/AJ	Ok
3	AR1242CCC500	AR1242CCC500	PO111859.D	26 Jun 2025 10:24		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO111860.D	26 Jun 2025 10:43		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO111861.D	26 Jun 2025 11:01		YP/AJ	Ok
6	I.BLK	I.BLK	PO111862.D	26 Jun 2025 11:20		YP/AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PO111863.D	26 Jun 2025 11:38		YP/AJ	Ok
8	Q2420-01	72-11933	PO111864.D	26 Jun 2025 12:36		YP/AJ	Ok,NS
9	Q2423-01	RT915	PO111865.D	26 Jun 2025 12:55		YP/AJ	Ok,NS
10	Q2425-01	COMP-1	PO111866.D	26 Jun 2025 13:12		YP/AJ	Ok
11	Q2425-02	COMP-2	PO111867.D	26 Jun 2025 13:30		YP/AJ	Ok
12	Q2425-03	COMP-3	PO111868.D	26 Jun 2025 13:48		YP/AJ	Ok
13	Q2410-01	TRE-25-0021	PO111869.D	26 Jun 2025 14:06		YP/AJ	Ok,NS
14	Q2422-01	60263	PO111870.D	26 Jun 2025 14:23	AR1016 hits	YP/AJ	Ok,NS
15	AR1660CCC500	AR1660CCC500	PO111871.D	26 Jun 2025 15:37		YP/AJ	Ok
16	AR1242CCC500	AR1242CCC500	PO111872.D	26 Jun 2025 15:56		YP/AJ	Ok
17	AR1248CCC500	AR1248CCC500	PO111873.D	26 Jun 2025 16:14		YP/AJ	Ok
18	AR1254CCC500	AR1254CCC500	PO111874.D	26 Jun 2025 16:33		YP/AJ	Ok

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

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QCBatch ID # PO062625

Review By	yogesh	Review On	6/26/2025 12:34:00 PM		
Supervise By		Supervise On			
SubDirectory	PO062625	HP Acquire Method		HP Processing Method	PO061125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	I.BLK	I.BLK	PO111875.D	26 Jun 2025 16:51		YP/AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP072989.D	17 Jun 2025 09:31		YP\AJ	Ok
2	I.BLK	I.BLK	PP072990.D	17 Jun 2025 09:47		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP072991.D	17 Jun 2025 10:04		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP072992.D	17 Jun 2025 10:20		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP072993.D	17 Jun 2025 10:37		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP072994.D	17 Jun 2025 10:53		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP072995.D	17 Jun 2025 11:43		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP072996.D	17 Jun 2025 12:00		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP072997.D	17 Jun 2025 12:16		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP072998.D	17 Jun 2025 14:27		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP072999.D	17 Jun 2025 14:43		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073000.D	17 Jun 2025 15:00		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073001.D	17 Jun 2025 15:16		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073002.D	17 Jun 2025 15:32		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073003.D	17 Jun 2025 15:49		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP073004.D	17 Jun 2025 16:21		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073005.D	17 Jun 2025 16:37		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073006.D	17 Jun 2025 16:54		YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP061725

Review By	yogesh	Review On	6/17/2025 3:09:20 PM		
Supervise By	mohammad	Supervise On	6/19/2025 2:43:36 AM		
SubDirectory	PP061725	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248ICC050	AR1248ICC050	PP073007.D	17 Jun 2025 17:10		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PP073008.D	17 Jun 2025 17:26		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073009.D	17 Jun 2025 17:43		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073010.D	17 Jun 2025 17:59		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073011.D	17 Jun 2025 18:15		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073012.D	17 Jun 2025 18:32		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PP073013.D	17 Jun 2025 18:48		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073014.D	17 Jun 2025 19:04		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073015.D	17 Jun 2025 19:21		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073016.D	17 Jun 2025 19:37		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073017.D	17 Jun 2025 19:53		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP073018.D	17 Jun 2025 20:10		YP\AJ	Ok,M
31	PP061725ICV500	ICVPP061725	PP073019.D	17 Jun 2025 20:26		YP\AJ	Ok
32	AR1242ICV500	ICVPP061725AR1242	PP073020.D	17 Jun 2025 20:59		YP\AJ	Ok
33	AR1248ICV500	ICVPP061725AR1248	PP073021.D	17 Jun 2025 21:31		YP\AJ	Ok
34	AR1254ICV500	ICVPP061725AR1254	PP073022.D	17 Jun 2025 22:04		YP\AJ	Ok
35	AR1268ICV500	ICVPP061725AR1268	PP073023.D	17 Jun 2025 22:37		YP\AJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073024.D	17 Jun 2025 23:09		YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM		
Supervise By		Supervise On			
SubDirectory	PP062625	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073278.D	26 Jun 2025 08:47		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073279.D	26 Jun 2025 09:04		YP\AJ	Ok,NS
3	AR1242CCC500	AR1242CCC500	PP073280.D	26 Jun 2025 09:20		YP\AJ	Ok,NS
4	AR1248CCC500	AR1248CCC500	PP073281.D	26 Jun 2025 09:36		YP\AJ	Ok,NS
5	AR1254CCC500	AR1254CCC500	PP073282.D	26 Jun 2025 09:53		YP\AJ	Ok,NS
6	I.BLK	I.BLK	PP073283.D	26 Jun 2025 10:09		YP\AJ	Ok,NS
7	DDT ANALOGUE	DDT ANALOGUE	PP073284.D	26 Jun 2025 10:25		YP\AJ	Ok
8	Q2387-01DL	AUD-25-101DL	PP073285.D	26 Jun 2025 10:42	AR1254 hit	YP\AJ	Ok
9	Q2387-02DL	AUD-25-102DL	PP073286.D	26 Jun 2025 10:58	AR1254 hit	YP\AJ	Ok
10	Q2387-03DL	AUD-25-103DL	PP073287.D	26 Jun 2025 11:14	AR1254 hit	YP\AJ	Ok
11	Q2421-06DL	62325-ADL	PP073288.D	26 Jun 2025 11:31	AR1242 hits	YP\AJ	Ok,NS
12	PB168622BL	PB168622BL	PP073289.D	26 Jun 2025 12:25		YP\AJ	Ok
13	PB168622BS	PB168622BS	PP073290.D	26 Jun 2025 12:42		YP\AJ	Ok
14	Q2409-02	COP-SOIL-PILE	PP073291.D	26 Jun 2025 12:58	AR1254+1260 Hit	YP\AJ	Ok,NS
15	Q2409-02MS	COP-SOIL-PILEMS	PP073292.D	26 Jun 2025 13:15		YP\AJ	Ok
16	Q2409-02MSD	COP-SOIL-PILEMSD	PP073293.D	26 Jun 2025 13:31		YP\AJ	Ok,NS
17	AR1660CCC500	AR1660CCC500	PP073294.D	26 Jun 2025 14:37		YP\AJ	Ok,NS
18	AR1242CCC500	AR1242CCC500	PP073295.D	26 Jun 2025 14:53		YP\AJ	Ok,NS

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Fax : 908 789 8922

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP062625

Review By	yogesh	Review On	6/26/2025 10:12:11 AM		
Supervise By		Supervise On			
SubDirectory	PP062625	HP Acquire Method		HP Processing Method	PP061725

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

19	AR1248CCC500	AR1248CCC500	PP073296.D	26 Jun 2025 15:09		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP073297.D	26 Jun 2025 15:26		YP\AJ	Ok,NS
21	I.BLK	I.BLK	PP073298.D	26 Jun 2025 15:42		YP\AJ	Ok,NS
22	Q2413-01	TP-35	PP073299.D	26 Jun 2025 15:58		YP\AJ	Ok,NS
23	Q2413-02	TP-34	PP073300.D	26 Jun 2025 16:15		YP\AJ	Ok
24	Q2413-03	TP-77	PP073301.D	26 Jun 2025 16:31		YP\AJ	Ok,NS
25	Q2413-04	TP-74	PP073302.D	26 Jun 2025 16:47		YP\AJ	Ok
26	Q2413-05	TP-73	PP073303.D	26 Jun 2025 17:04		YP\AJ	Ok
27	Q2413-06	TP-72	PP073304.D	26 Jun 2025 17:20		YP\AJ	Ok,NS
28	Q2414-01	WC-1	PP073305.D	26 Jun 2025 17:36		YP\AJ	Ok
29	Q2415-01	WC-1	PP073306.D	26 Jun 2025 17:52		YP\AJ	Ok
30	Q2416-01	MH-G/H	PP073307.D	26 Jun 2025 18:09		YP\AJ	Ok,NS
31	Q2419-01	EO-3-6-25-2025	PP073308.D	26 Jun 2025 18:25	AR1268Hit , AR1268 CCC missing	YP\AJ	Not Ok
32	AR1660CCC500	AR1660CCC500	PP073309.D	26 Jun 2025 19:30		YP\AJ	Ok,NS
33	AR1242CCC500	AR1242CCC500	PP073310.D	26 Jun 2025 19:47		YP\AJ	Ok,NS
34	AR1248CCC500	AR1248CCC500	PP073311.D	26 Jun 2025 20:03		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP073312.D	26 Jun 2025 20:19		YP\AJ	Ok,NS
36	I.BLK	I.BLK	PP073313.D	26 Jun 2025 20:35		YP\AJ	Ok,NS

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136262

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
Q2413-01	TP-35	1	1.18	10.41	11.59	10.42	88.8	
Q2413-02	TP-34	2	1.13	10.60	11.73	10.88	92.0	
Q2413-03	TP-77	3	1.15	10.65	11.8	10.88	91.4	
Q2413-04	TP-74	4	1.15	10.83	11.98	10.84	89.5	
Q2413-05	TP-73	5	1.13	10.86	11.99	9.5	77.1	
Q2413-06	TP-72	6	1.16	10.74	11.9	10.5	87.0	
Q2414-01	WC-1	7	1.19	10.50	11.69	10.58	89.4	
Q2414-02	WC-1-EPH	8	1.17	10.08	11.25	10.22	89.8	
Q2414-03	WC-1-VOC	9	1.15	10.83	11.98	10.97	90.7	
Q2414-04	WC-1	10	1.19	10.50	11.69	10.58	89.4	
Q2415-01	WC-1	11	1.19	10.63	11.82	10.72	89.7	
Q2415-02	WC-1-EPH	12	1.15	10.00	11.15	10.12	89.7	
Q2415-03	WC-1-VOC	13	1.19	10.27	11.46	10.4	89.7	
Q2416-01	MH-G/H	14	1.15	10.86	12.01	10.89	89.7	
Q2416-02	MH-G/H-EPH	15	1.14	10.41	11.55	10.52	90.1	
Q2416-03	MH-G/H-VOC	16	1.12	10.57	11.69	10.8	91.6	
Q2416-04	MH-G/H	17	1.15	10.86	12.01	10.89	89.7	
Q2419-01	EO-03-06252025	26	1.17	10.53	11.7	10.97	93.1	
Q2419-02	EO-03-06252025-E2	27	1.13	10.23	11.36	10.36	90.2	
Q2420-01	72-11933	18	1.18	10.49	11.67	11.03	93.9	
Q2421-01	62325	19	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-02	624-A	20	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-03	624-B	21	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-04	624-C	22	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-05	624-D	23	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2421-06	62325-A	24	1.00	1.00	2.00	2.00	100.0	wipe sample
Q2422-01	60263	25	1.00	1.00	2.00	2.00	100.0	oil sample
Q2423-01	RT915	28	1.19	10.63	11.82	10.88	91.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 6/26/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 06/25/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 103
Time OUT: 08:14
Out Date: 06/26/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID- OVEN

QC: LB136262

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
Q2423-02	RT915	29	1.14	10.45	11.59	10.84	92.8	
Q2425-01	COMP-1	30	1.19	10.38	11.57	9.17	76.9	
Q2425-02	COMP-2	31	1.15	10.37	11.52	9.41	79.7	
Q2425-03	COMP-3	32	1.12	10.71	11.83	9.97	82.6	

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

WORKLIST(Hardcopy Internal Chain)

136262

WorkList Name : %1-062525 **WorkList ID :** 190366 **Department :** Wet-Chemistry **Date :** 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2413-01	TP-35	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-02	TP-34	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-03	TP-77	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-04	TP-74	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-05	TP-73	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2413-06	TP-72	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-01	WC-1	Solid	Percent Solids	Cool 4 deg C	CAMP02	D41	06/24/2025	Chemtech -SO
Q2414-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2414-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2414-04	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01	A33	06/25/2025	Chemtech -SO
Q2415-01	WC-1	Solid	Percent Solids	Cool 4 deg C	PSEG01		06/25/2025	Chemtech -SO
Q2415-02	WC-1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2415-03	WC-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-01	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A11	06/24/2025	Chemtech -SO
Q2416-02	MH-G/H-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2416-03	MH-G/H-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2416-04	MH-G/H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	06/25/2025	Chemtech -SO
Q2419-01	EO-03-06252025	Solid	Percent Solids	Cool 4 deg C	PSEG03		06/25/2025	Chemtech -SO
Q2419-02	EO-03-06252025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2420-01	72-11933	Solid	Percent Solids	Cool 4 deg C	PSEG05	D51	06/25/2025	Chemtech -SO
Q2421-01	62325	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	06/25/2025	Chemtech -SO
					PSEG03	D51	06/25/2025	Chemtech -SO

Date/Time 06/25/25 15:10

Raw Sample Received by: [signature]

Raw Sample Relinquished by: CP SM

Date/Time 06/25/25 17:20

Raw Sample Received by: CP SM

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 136262

WorkList Name : %1-062525 **WorkList ID :** 190366 **Department :** Wet-Chemistry **Date :** 06-25-2025 08:11:19

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2421-02	624-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-03	624-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-04	624-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-05	624-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2421-06	62325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2422-01	60263	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-01	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2423-02	RT915	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2425-01	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D51	06/25/2025	Chemtech -SO
Q2425-02	COMP-2	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO
Q2425-03	COMP-3	Solid	Percent Solids	Cool 4 deg C	POWE02	D51	06/24/2025	Chemtech -SO

Date/Time 06/25/25 15:10

Raw Sample Received by: TSB (WEC)

Raw Sample Relinquished by: CP SM

Date/Time 06/25/25 17:20

Raw Sample Received by: CP SM

Raw Sample Relinquished by: TSB (WEC)

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB168622

SOP ID:	M3541-ASE Extraction-14				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	06/26/2025
Matrix :	Solid			**Extraction Start Time :**	08:20
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	06/26/2025
Balance check:	RJ	**Filter By:**	RJ	**Extraction End Time :**	11:30
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

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	PP24650
Surrogate	1.0ML	200 PPB	PP24663
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	EP2613
Baked Na2SO4	N/A	EP2622
Sand	N/A	E2865
Hexane	N/A	E3945
H2SO4 1:1	N/A	EP2610
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS723, Q2410-01 & Q2422-01 used Ltd. volume as sample are oily debris & oil.

KD Bath ID:	N/A	**Envap ID:**	NEVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
6/26/25	RS (GC Lab)	R. Post / PCB Lab
11:35	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB168622

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 06/26/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168622BL	ABLK622	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168622BS	ALCS622	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2409-02	COP-SOIL-PILE	PCB	30.05	N/A	ritesh	Evelyn	10	D		3
Q2409-02MS	COP-SOIL-PILEMS	PCB	30.03	N/A	ritesh	Evelyn	10	D		4
Q2409-02MSD	COP-SOIL-PILEMSD	PCB	30.06	N/A	ritesh	Evelyn	10	D		5
Q2410-01	TRE-25-0021	PCB	5.03	N/A	ritesh	Evelyn	10	D	Oily Debris	6
Q2413-01	TP-35	PCB	30.01	N/A	ritesh	Evelyn	10	E		U3-1
Q2413-02	TP-34	PCB	30.06	N/A	ritesh	Evelyn	10	E		2
Q2413-03	TP-77	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q2413-04	TP-74	PCB	30.07	N/A	ritesh	Evelyn	10	E		4
Q2413-05	TP-73	PCB	30.03	N/A	ritesh	Evelyn	10	E		5
Q2413-06	TP-72	PCB	30.06	N/A	ritesh	Evelyn	10	E		6
Q2414-01	WC-1	PCB	30.08	N/A	ritesh	Evelyn	10	E		U6-1
Q2415-01	WC-1	PCB	30.05	N/A	ritesh	Evelyn	10	A		2
Q2416-01	MH-G/H	PCB	30.03	N/A	ritesh	Evelyn	10	E		3
Q2419-01	EO-03-06252025	PCB	30.01	N/A	ritesh	Evelyn	10	E		4
Q2420-01	72-11933	PCB	30.09	N/A	ritesh	Evelyn	10	E		5
Q2422-01	60263	PCB	1.05	N/A	ritesh	Evelyn	10	A	Oil	
Q2423-01	RT915	PCB	30.02	N/A	ritesh	Evelyn	10	E		6
Q2425-01	COMP-1	PCB Group1	30.01	N/A	ritesh	Evelyn	10	E		U1-1
Q2425-02	COMP-2	PCB Group1	30.04	N/A	ritesh	Evelyn	10	E		2
Q2425-03	COMP-3	PCB Group1	30.07	N/A	ritesh	Evelyn	10	E		3

RS
6/26

* **Extracts relinguished on the same date as received.**

168622 9:20

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2409 **WorkList ID :** 190398 **Department :** Extraction **Date :** 06-26-2025 08:15:13

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2409-02	COP-SOIL-PILE	Solid	PCB	Cool 4 deg C	COPP02	D51	06/24/2025	8082A
Q2410-01	TRE-25-0021	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/24/2025	8082A
Q2413-01	TP-35	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-02	TP-34	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-03	TP-77	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-04	TP-74	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-05	TP-73	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2413-06	TP-72	Solid	PCB	Cool 4 deg C	CAMP02	D41	06/24/2025	8082A
Q2414-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG01	A33	06/25/2025	8082A
Q2415-01	WC-1	Solid	PCB	Cool 4 deg C	PSEG03		06/24/2025	8082A
Q2416-01	MH-G/H	Solid	PCB	Cool 4 deg C	PSEG03	A42	06/25/2025	8082A
Q2419-01	EO-03-06252025	Solid	PCB	Cool 4 deg C	PSEG05	D51	06/25/2025	8082A
Q2420-01	72-11933	Solid	PCB	Cool 4 deg C	PSEG03	D41	06/25/2025	8082A
Q2422-01	60263	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/25/2025	8082A
Q2423-01	RT915	Solid	PCB	Cool 4 deg C	PSEG03	D51	06/25/2025	8082A
Q2425-01	COMP-1	Solid	PCB Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8082A
Q2425-02	COMP-2	Solid	PCB Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8082A
Q2425-03	COMP-3	Solid	PCB Group1	Cool 4 deg C	POWE02	D51	06/24/2025	8082A

Date/Time 06/26/25 8:15
Raw Sample Received by: RJ (FFA-Lab)
Raw Sample Relinquished by: SM

Date/Time 06/26/25 8:45
Raw Sample Received by: SM
Raw Sample Relinquished by: RJ (FFA-Lab)

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 · Fax (908) 789-8922
www.chemtech.net

ALLIANCE PROJECT NO.
QUOTE NO. Q2925
COC Number 2047488

CLIENT INFORMATION

REPORT TO BE SENT TO:
COMPANY: Kleinfelder
ADDRESS: 180 Sheree Blvd. Suite 3800
CITY Exton STATE: PA ZIP: 19341
ATTENTION: Mark Warchol
PHONE: 484-883-3892 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: AS Jenks School
PROJECT NO.: 20000957.001A LOCATION: Philadelphia, PA
PROJECT MANAGER: Mark Warchol
e-mail: mwarchol@kleinfelder.com
PHONE: 484-883-3892 FAX:

CLIENT BILLING INFORMATION

BILL TO: PO#:
ADDRESS: Same
CITY STATE: ZIP:
ATTENTION: PHONE:

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): 5 DAYS*
EDD: 5 DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

☐ Level 1 (Results Only) ☐ Level 4 (QC + Full Raw Data)
☑ Level 2 (Results + QC) ☐ NJ Reduced ☐ US EPA CLP
☐ Level 3 (Results + QC + Raw Data) ☐ NYS ASP A ☐ NYS ASP B
☐ Other _____
☐ EDD FORMAT _____

ANALYSIS

1: PADEP Historic (Basin Fill Parameters)
2
3
4
5
6
7
8
9

ALLIANCE 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
1.	COMP-1	Soil	✓		6/24/25	9:05	4	✓									
2.	COMP-2	↓	↓		↓	9:30	↓	↓									
3.	COMP-3	↓	↓		↓	9:45	↓	↓									
4.																	
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

E

← Specify Preservatives
A-HCl D-NaOH
B-HN03 E-ICE
C-H2SO4 F-OTHER

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	6/24/25	1. 6/25/25 1345
2.		2.
3.		3.

Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP 2.5 °C
Comments:

Page 1 of 1

CLIENT: ☐ Hand Delivered ☑ Other Fed Ex

Shipment Complete ☐ YES ☐ NO

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

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-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2425 POWE02
Client Name : Kleinfelder
Client Contact : Mark Warchol
Invoice Name : Kleinfelder
Invoice Contact : Mark Warchol

Order Date : 6/25/2025 2:03:00 PM
Project Name : AS Jenks School
Receive DateTime : 6/25/2025 1:45:00 PM
Purchase Order :

Project Mgr :
Report Type : Results+QC
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2425-01	COMP-1	Solid	06/24/2025	09:05					
					VOCMS Group1		8260D		5 Bus. Days
Q2425-02	COMP-2	Solid	06/24/2025	09:30					
					VOCMS Group1		8260D		5 Bus. Days
Q2425-03	COMP-3	Solid	06/24/2025	09:45					
					VOCMS Group1		8260D		5 Bus. Days

Relinguished By : _____
Date / Time : 6/24/25 14:50

Received By : _____
Date / Time : 06/25/25 14:50
Storage Area : **VOA Refridgerator Room**

NLH6
DZ 2