

Cover Page

Order ID : Q2543

Project ID : South River WM Replacement

Client : CDM Smith

Lab Sample Number

Q2543-01
Q2543-02
Q2543-03
Q2543-04

Client Sample Number

TP-41
TP-49
TP-23
TP-23-99

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: 7/18/2025

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2543

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: PRADIP PRAJAPATI

Date: 07/18/2025

LAB CHRONICLE

OrderID:	Q2543	OrderDate:	7/9/2025 12:26:00 PM
Client:	CDM Smith	Project:	South River WM Replacement
Contact:	Marcie Ann Encinas	Location:	O42,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2543-01	TP-41	SOIL			07/08/25			07/09/25
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/10/25	07/10/25	
Q2543-02	TP-49	SOIL			07/09/25			07/09/25
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/10/25	07/10/25	
Q2543-03	TP-23	SOIL			07/09/25			07/09/25
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/10/25	07/10/25	
Q2543-04	TP-23-99	SOIL			07/09/25			07/09/25
			Gasoline Range Organics	8015D			07/10/25	
			PCB	8082A		07/10/25	07/10/25	



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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q2543

Order ID: Q2543

Client: CDM Smith

Project ID: South River WM Replacement

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

Total Concentration: 0.000



QC SUMMARY

Surrogate Summary

SDG No.: **Q2543**

Client: **CDM Smith**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO112087.D	PIBLK-PO112087.D	Tetrachloro-m-xyl	1	20	19.4	97		60	140
		Decachlorobiphen	1	20	18.8	94		60	140
		Tetrachloro-m-xyl	2	20	20.0	100		60	140
		Decachlorobiphen	2	20	19.3	97		60	140
I.BLK-PO112185.D	PIBLK-PO112185.D	Tetrachloro-m-xyl	1	20	17.6	88		60	140
		Decachlorobiphen	1	20	19.8	99		60	140
		Tetrachloro-m-xyl	2	20	17.0	85		60	140
		Decachlorobiphen	2	20	19.3	97		60	140
Q2543-01	TP-41	Tetrachloro-m-xyl	1	20	19.9	99		32	144
		Decachlorobiphen	1	20	9.80	49		32	175
		Tetrachloro-m-xyl	2	20	18.8	94		32	144
		Decachlorobiphen	2	20	10.8	54		32	175
Q2543-02	TP-49	Tetrachloro-m-xyl	1	20	19.3	96		32	144
		Decachlorobiphen	1	20	15.3	76		32	175
		Tetrachloro-m-xyl	2	20	18.1	91		32	144
		Decachlorobiphen	2	20	15.0	75		32	175
Q2543-03	TP-23	Tetrachloro-m-xyl	1	20	23.5	118		32	144
		Decachlorobiphen	1	20	13.5	67		32	175
		Tetrachloro-m-xyl	2	20	22.3	112		32	144
		Decachlorobiphen	2	20	16.2	81		32	175
Q2543-04	TP-23-99	Tetrachloro-m-xyl	1	20	22.3	112		32	144
		Decachlorobiphen	1	20	12.9	65		32	175
		Tetrachloro-m-xyl	2	20	21.5	107		32	144
		Decachlorobiphen	2	20	14.8	74		32	175
I.BLK-PO112200.D	PIBLK-PO112200.D	Tetrachloro-m-xyl	1	20	17.9	90		60	140
		Decachlorobiphen	1	20	15.6	78		60	140
		Tetrachloro-m-xyl	2	20	17.3	87		60	140
		Decachlorobiphen	2	20	18.1	91		60	140
I.BLK-PP073553.D	PIBLK-PP073553.D	Tetrachloro-m-xyl	1	20	16.2	81		60	140
		Decachlorobiphen	1	20	17.3	87		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	17.1	85		60	140
I.BLK-PP073695.D	PIBLK-PP073695.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140
		Decachlorobiphen	1	20	18.4	92		60	140
		Tetrachloro-m-xyl	2	20	18.9	95		60	140
		Decachlorobiphen	2	20	20.9	105		60	140
PB168783BL	PB168783BL	Tetrachloro-m-xyl	1	20	18.7	93		32	144
		Decachlorobiphen	1	20	18.6	93		32	175
		Tetrachloro-m-xyl	2	20	19.5	98		32	144
		Decachlorobiphen	2	20	20.9	104		32	175
PB168783BS	PB168783BS	Tetrachloro-m-xyl	1	20	19.5	97		32	144

Surrogate Summary

SDG No.: Q2543

Client: CDM Smith

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
PB168783BS	PB168783BS	Decachlorobiphen	1	20	19.1	96		32	175
		Tetrachloro-m-xyl	2	20	18.6	93		32	144
		Decachlorobiphen	2	20	22.4	112		32	175
Q2537-01MS	TR-04-07092025MS	Tetrachloro-m-xyl	1	20	15.3	76		32	144
		Decachlorobiphen	1	20	15.6	78		32	175
		Tetrachloro-m-xyl	2	20	14.4	72		32	144
		Decachlorobiphen	2	20	16.3	81		32	175
		Tetrachloro-m-xyl	1	20	15.3	77		32	144
Q2537-01MSD	TR-04-07092025MSD	Decachlorobiphen	1	20	14.9	75		32	175
		Tetrachloro-m-xyl	2	20	14.2	71		32	144
		Decachlorobiphen	2	20	15.4	77		32	175
		Tetrachloro-m-xyl	1	20	18.5	93		60	140
		Decachlorobiphen	1	20	17.6	88		60	140
I.BLK-PP073709.D	PIBLK-PP073709.D	Tetrachloro-m-xyl	2	20	18.5	93		60	140
		Decachlorobiphen	2	20	20.4	102		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2543</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP073703.D</u>

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2537-01MS (Column 1)	Client Sample ID:	TR-04-7.9-2025MS									
	AR1016	184.1	0	130	ug/kg	71				55	146	
	AR1260	184.1	8.6	117	ug/kg	59				54	119	
Lab Sample ID:	Q2537-01MS (Column 2)	Client Sample ID:	TR-04-7.9-2025MS									
	AR1016	184.1	0	127	ug/kg	69				55	146	
	AR1260	184.1	7.3	118	ug/kg	64				54	119	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2543</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	DataFile :	<u>PP073704.D</u>

	Parameter	Spike	Sample Result	Result	Units	Rec Qual	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	Q2537-01MSD (Column 1)	Client Sample ID:	TR-04-7.9-2025MSD							
	AR1016	183.9	0	137	ug/kg	74	4	55	146	15
	AR1260	183.9	8.6	125	ug/kg	63	7	54	119	15
Lab Sample ID:	Q2537-01MSD (Column 2)	Client Sample ID:	TR-04-7.9-2025MSD							
	AR1016	183.9	0	131	ug/kg	71	3	55	146	15
	AR1260	183.9	7.3	124	ug/kg	67	5	54	119	15



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2543</u>	Analytical Method:	<u>8082A</u>
Client:	<u>CDM Smith</u>	Datafile :	<u>PP073701.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB168783BS (Column 1)	AR1016	166.6	152	ug/kg	91				71	120	
	AR1260	166.6	142	ug/kg	85				65	130	
PB168783BS (Column 2)	AR1016	166.6	157	ug/kg	94				71	120	
	AR1260	166.6	157	ug/kg	94				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB168783BL

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Lab Sample ID: PB168783BL

Lab File ID: PP073700.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 07/10/2025

Date Analyzed (1): 07/10/2025

Date Analyzed (2): 07/10/2025

Time Analyzed (1): 13:39

Time Analyzed (2): 13:39

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
TP-41	Q2543-01	PO112190.D	07/10/2025	07/10/2025
TP-49	Q2543-02	PO112191.D	07/10/2025	07/10/2025
TP-23	Q2543-03	PO112192.D	07/10/2025	07/10/2025
TP-23-99	Q2543-04	PO112193.D	07/10/2025	07/10/2025
PB168783BS	PB168783BS	PP073701.D	07/10/2025	07/10/2025
TR-04-7.9-2025MS	Q2537-01MS	PP073703.D	07/10/2025	07/10/2025
TR-04-7.9-2025MSD	Q2537-01MSD	PP073704.D	07/10/2025	07/10/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-41	SDG No.:	Q2543
Lab Sample ID:	Q2543-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112190.D	1	07/10/25 08:35	07/10/25 14:40	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.80	U	4.80	20.7	ug/kg
11104-28-2	Aroclor-1221	4.90	U	4.90	20.7	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.7	ug/kg
53469-21-9	Aroclor-1242	4.90	U	4.90	20.7	ug/kg
12672-29-6	Aroclor-1248	7.20	U	7.20	20.7	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.7	ug/kg
37324-23-5	Aroclor-1262	6.10	U	6.10	20.7	ug/kg
11100-14-4	Aroclor-1268	4.40	U	4.40	20.7	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.7	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.9		32 - 144	99%	SPK: 20
2051-24-3	Decachlorobiphenyl	10.8		32 - 175	54%	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\P0071025\
 Data File : PO112190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 14:40
 Operator : YP/AJ
 Sample : Q2543-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-41

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 15:44:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 10:50:50 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...	3.669	3.663	196.6E6	119.8E6	19.870	18.803
2) SA Decachlor...	8.699	8.646	66973503	18616958	9.796	10.802

Target Compounds

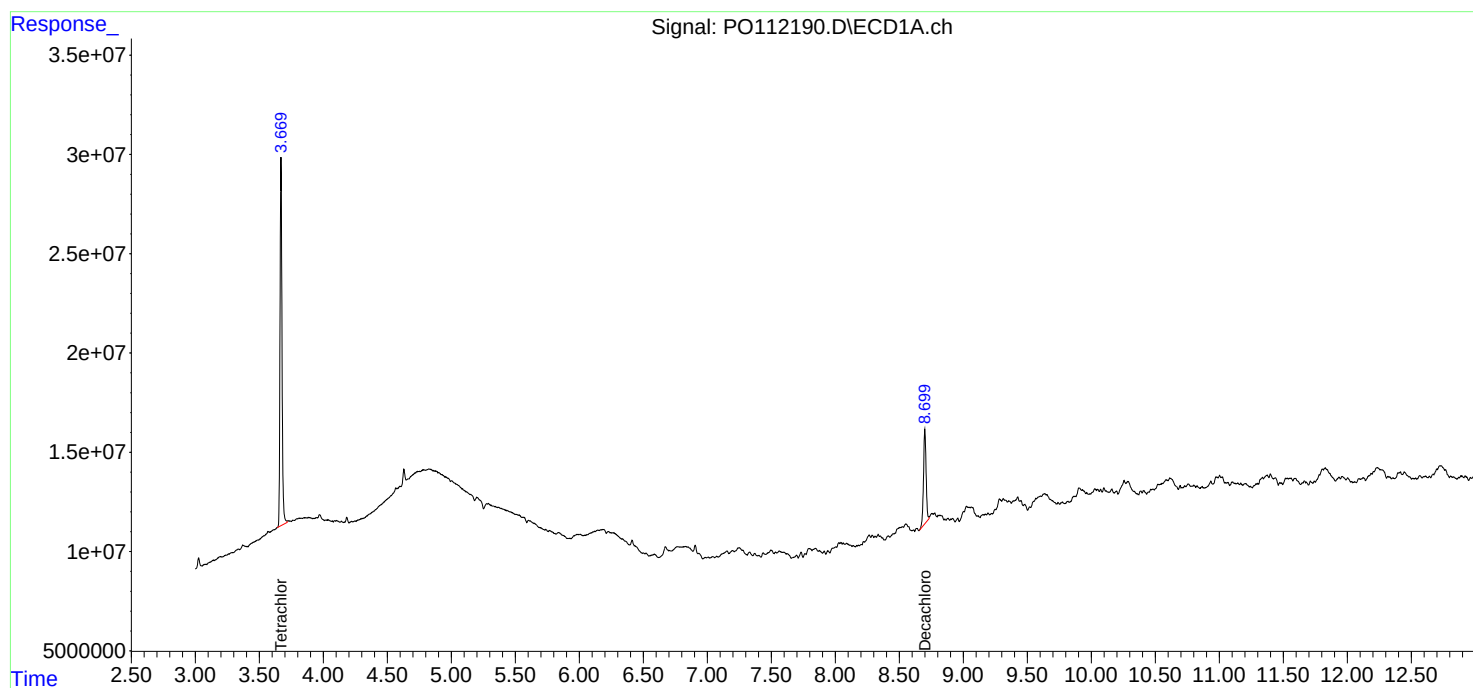
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO071025\
Data File : PO112190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:40
Operator : YP/AJ
Sample : Q2543-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-41

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:44:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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



Response_

Signal: PO112190.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 3.669 min

Delta R.T.: -0.004 min

Response: 196604458

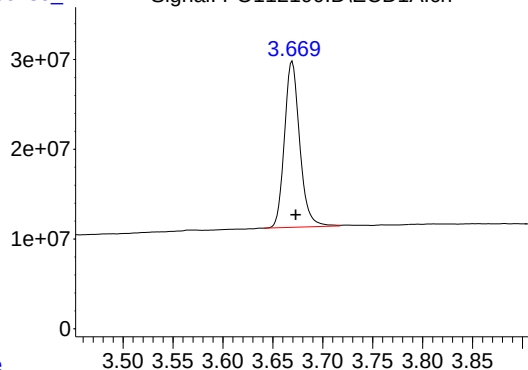
Conc: 19.87 ng/ml

Instrument :

ECD_O

ClientSampleId :

TP-41



Time

Response

Signal: PO112190.D\ECD2B.ch

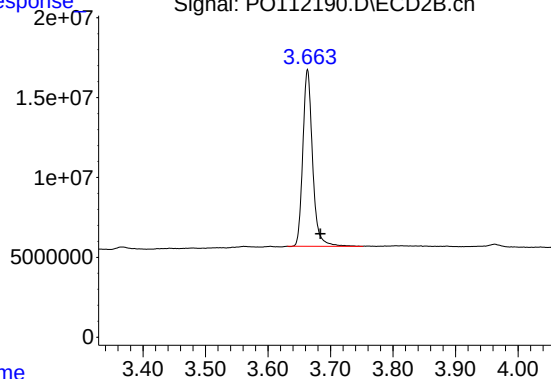
#1 Tetrachloro-m-xylene

R.T.: 3.663 min

Delta R.T.: -0.020 min

Response: 119795899

Conc: 18.80 ng/ml



Time

Response_

Signal: PO112190.D\ECD1A.ch

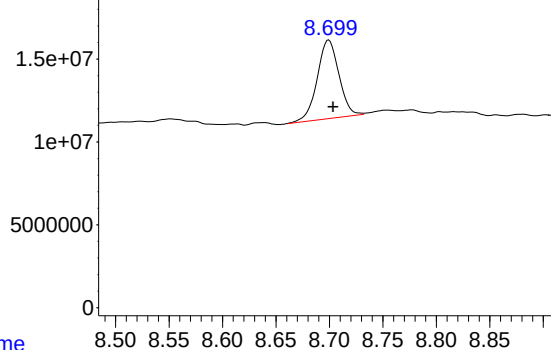
#2 Decachlorobiphenyl

R.T.: 8.699 min

Delta R.T.: -0.004 min

Response: 66973503

Conc: 9.80 ng/ml



Time

Response_

Signal: PO112190.D\ECD2B.ch

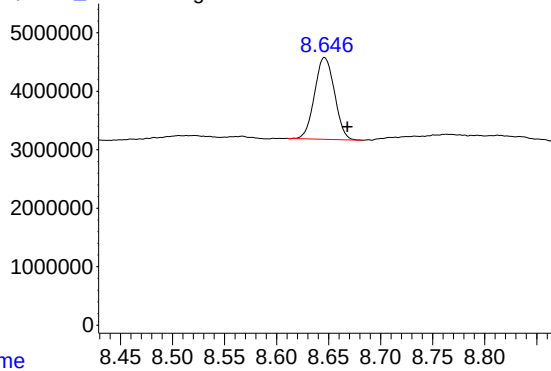
#2 Decachlorobiphenyl

R.T.: 8.646 min

Delta R.T.: -0.022 min

Response: 18616958

Conc: 10.80 ng/ml



Time

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-49	SDG No.:	Q2543
Lab Sample ID:	Q2543-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	73.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112191.D	1	07/10/25 08:35	07/10/25 14:58	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.30	U	5.30	23.0	ug/kg
11104-28-2	Aroclor-1221	5.40	U	5.40	23.0	ug/kg
11141-16-5	Aroclor-1232	5.00	U	5.00	23.0	ug/kg
53469-21-9	Aroclor-1242	5.40	U	5.40	23.0	ug/kg
12672-29-6	Aroclor-1248	8.00	U	8.00	23.0	ug/kg
11097-69-1	Aroclor-1254	4.30	U	4.30	23.0	ug/kg
37324-23-5	Aroclor-1262	6.80	U	6.80	23.0	ug/kg
11100-14-4	Aroclor-1268	4.90	U	4.90	23.0	ug/kg
11096-82-5	Aroclor-1260	4.40	U	4.40	23.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.3		32 - 144	96%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		32 - 175	76%	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

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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\P0071025\
Data File : PO112191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:58
Operator : YP/AJ
Sample : Q2543-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-49

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:45:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.665	190.5E6	115.5E6	19.256	18.134
2) SA Decachlor...	8.699	8.646	104.4E6	25791834	15.274	14.965

Target Compounds

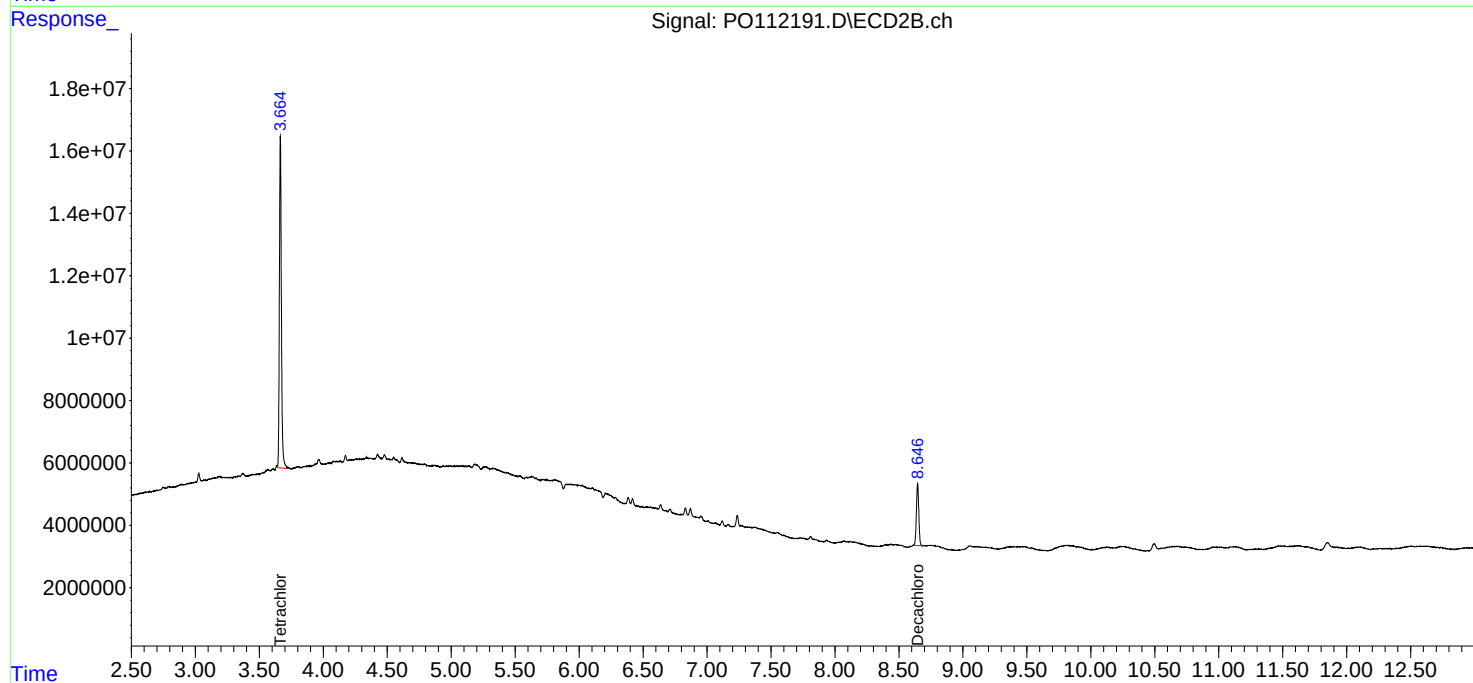
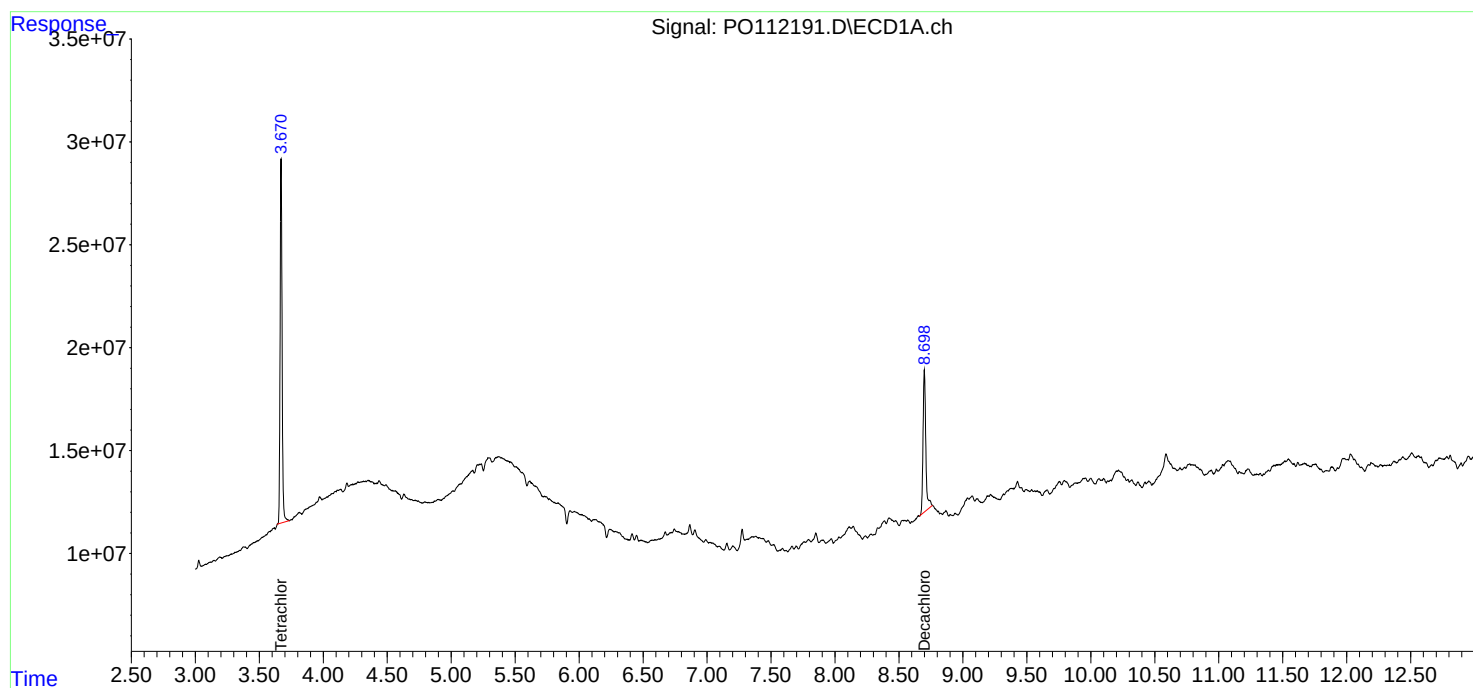
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

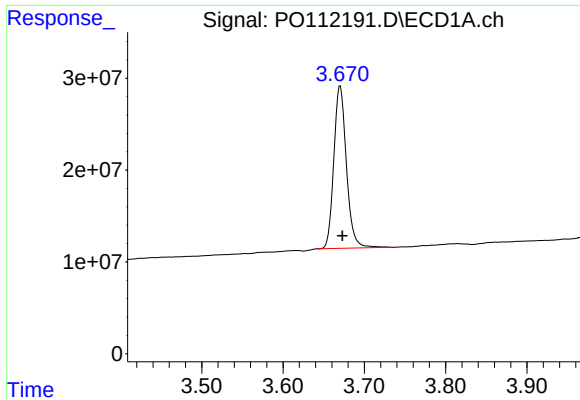
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO071025\
Data File : PO112191.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:58
Operator : YP/AJ
Sample : Q2543-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-49

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:45:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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

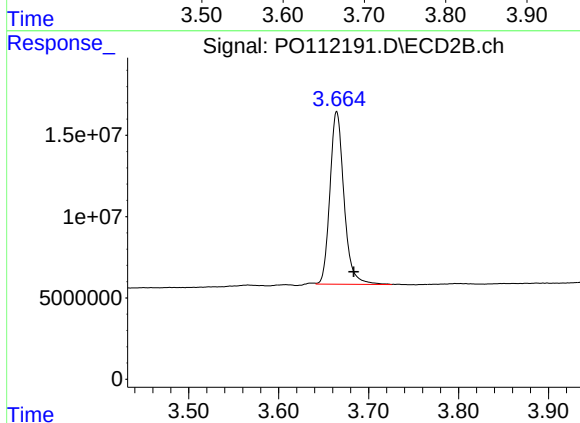




#1 Tetrachloro-m-xylene

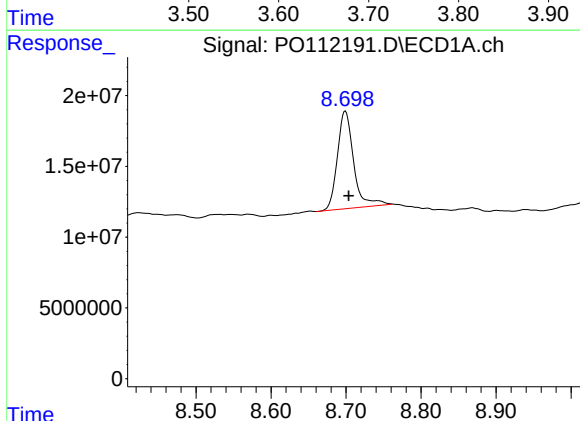
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 190529388
Conc: 19.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-49



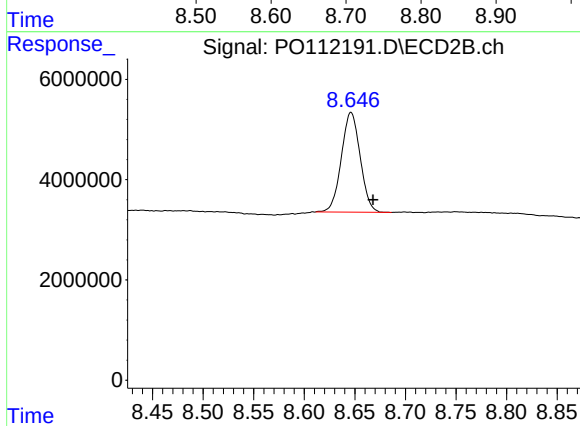
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 115534332
Conc: 18.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.699 min
Delta R.T.: -0.004 min
Response: 104431158
Conc: 15.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.646 min
Delta R.T.: -0.022 min
Response: 25791834
Conc: 14.97 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23	SDG No.:	Q2543
Lab Sample ID:	Q2543-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112192.D	1	07/10/25 08:35	07/10/25 15:15	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	20.0	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	20.0	ug/kg
11141-16-5	Aroclor-1232	4.40	U	4.40	20.0	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	20.0	ug/kg
12672-29-6	Aroclor-1248	7.00	U	7.00	20.0	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.0	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	20.0	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	20.0	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	20.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	23.5		32 - 144	118%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.2		32 - 175	81%	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\P0071025\
Data File : PO112192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:15
Operator : YP/AJ
Sample : Q2543-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-23

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.665	232.6E6	142.3E6	23.506	22.332
2) SA Decachlor...	8.700	8.648	92173896	27954582	13.482	16.220

Target Compounds

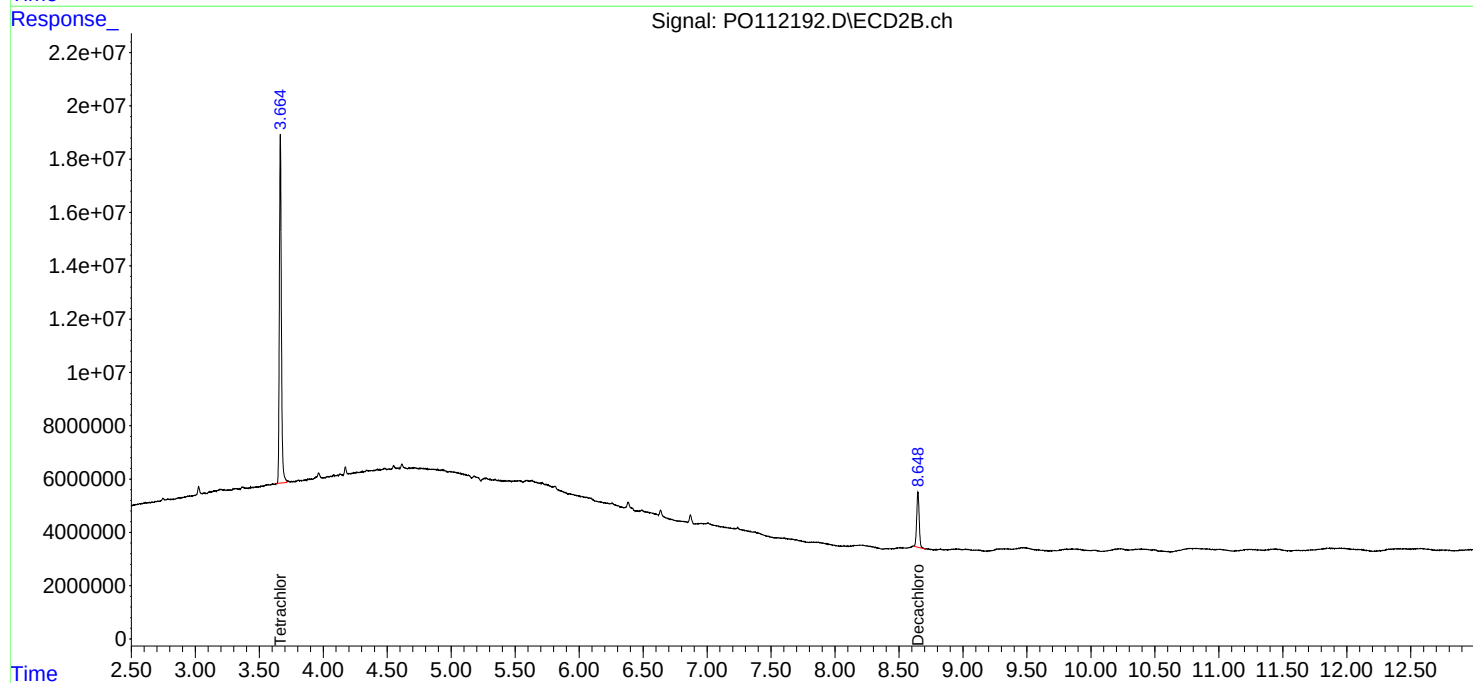
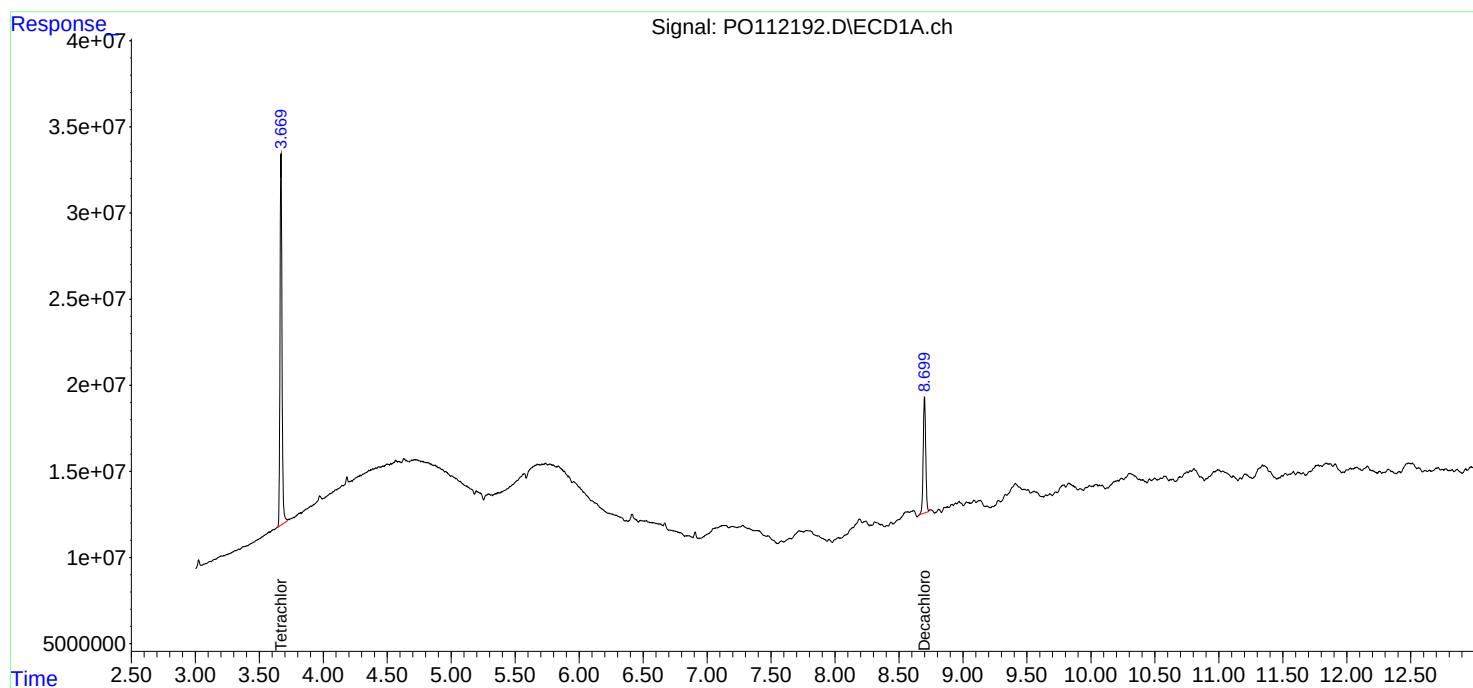
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

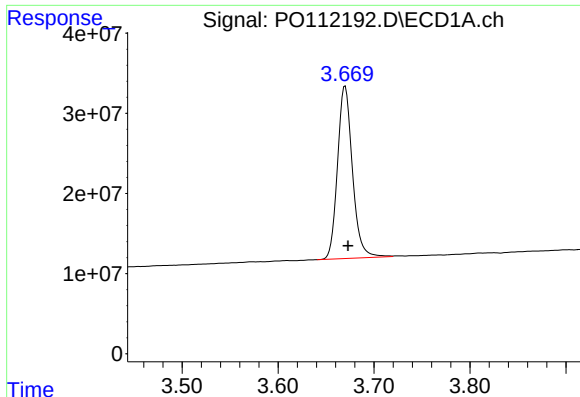
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO071025\
Data File : PO112192.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:15
Operator : YP/AJ
Sample : Q2543-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
TP-23

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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

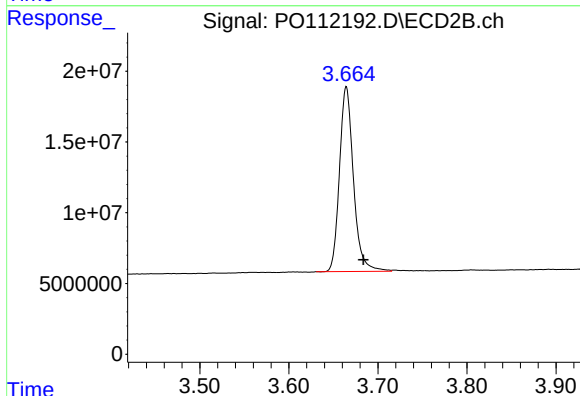




#1 Tetrachloro-m-xylene

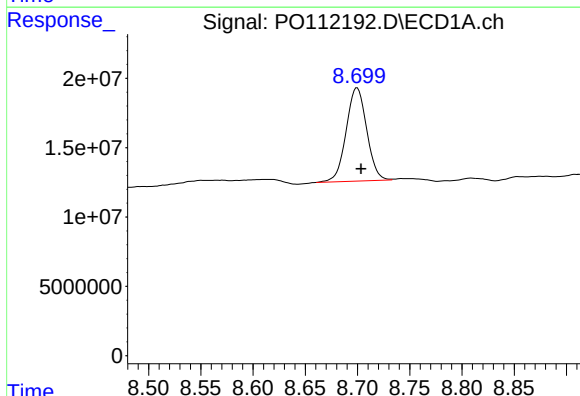
R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 232580050
Conc: 23.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-23



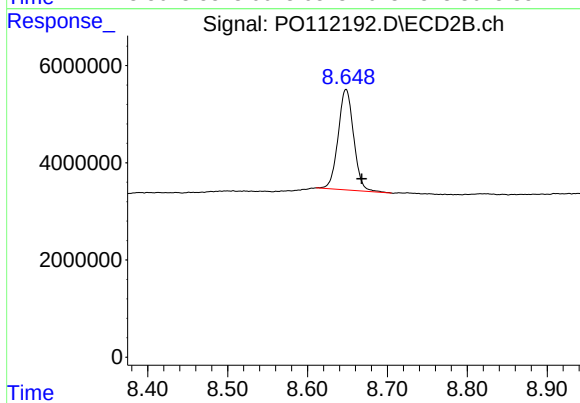
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 142278876
Conc: 22.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.700 min
Delta R.T.: -0.004 min
Response: 92173896
Conc: 13.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 27954582
Conc: 16.22 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TP-23-99	SDG No.:	Q2543
Lab Sample ID:	Q2543-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	85.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112193.D	1	07/10/25 08:35	07/10/25 15:32	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.60	U	4.60	19.9	ug/kg
11104-28-2	Aroclor-1221	4.70	U	4.70	19.9	ug/kg
11141-16-5	Aroclor-1232	4.30	U	4.30	19.9	ug/kg
53469-21-9	Aroclor-1242	4.70	U	4.70	19.9	ug/kg
12672-29-6	Aroclor-1248	6.90	U	6.90	19.9	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	19.9	ug/kg
37324-23-5	Aroclor-1262	5.90	U	5.90	19.9	ug/kg
11100-14-4	Aroclor-1268	4.20	U	4.20	19.9	ug/kg
11096-82-5	Aroclor-1260	3.80	U	3.80	19.9	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.3		32 - 144	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		32 - 175	74%	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\P0071025\
 Data File : PO112193.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 15:32
 Operator : YP/AJ
 Sample : Q2543-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 TP-23-99

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 16:05:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.665	221.1E6	136.8E6	22.342	21.479
2) SA Decachlor...	8.698	8.646	88552312	25590937	12.952	14.849m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071025\
Data File : P0112193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:32
Operator : YP/AJ
Sample : Q2543-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

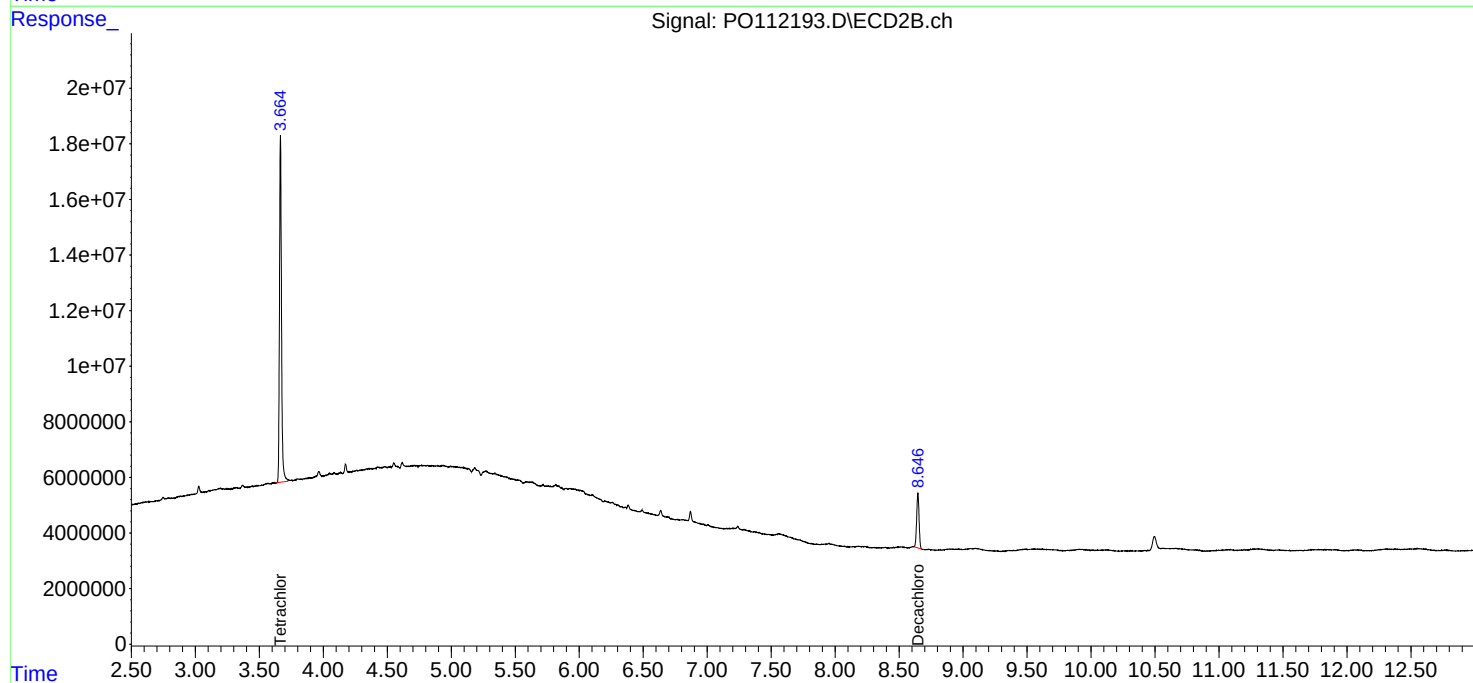
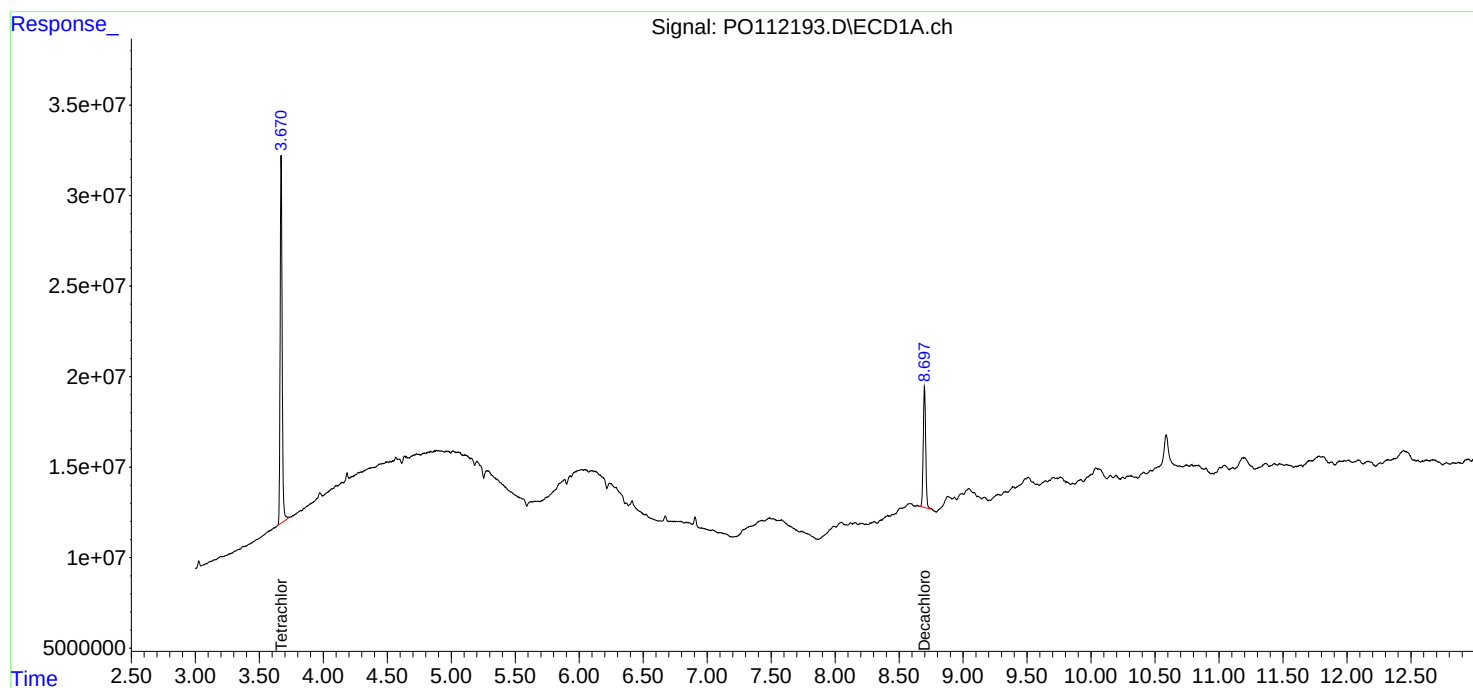
Instrument :
ECD_O
ClientSampleId :
TP-23-99

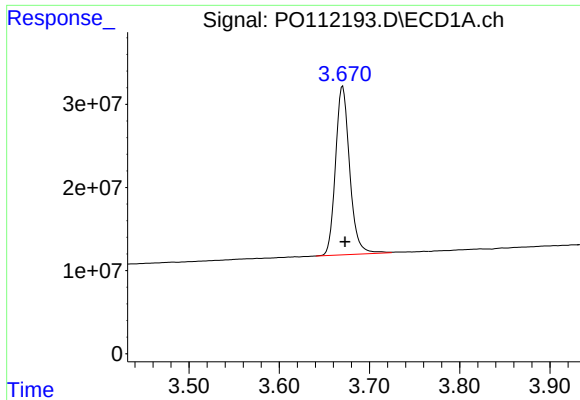
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 16:05:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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





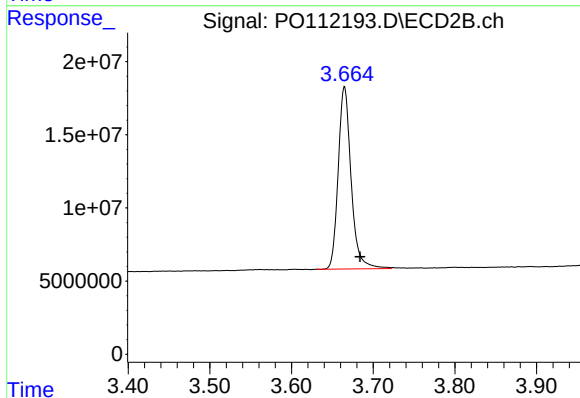
#1 Tetrachloro-m-xylene

R.T.: 3.670 min
Delta R.T.: -0.003 min
Response: 221067457
Conc: 22.34 ng/ml

Instrument :
ECD_O
ClientSampleId :
TP-23-99

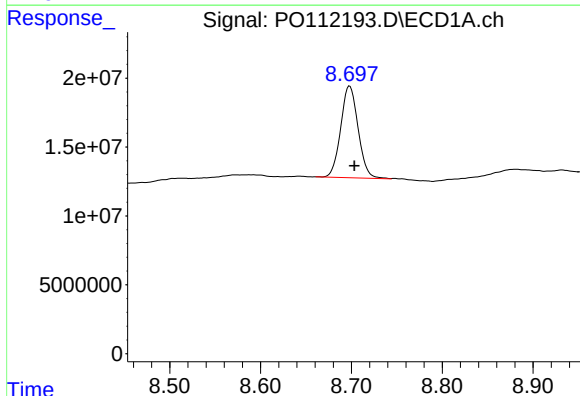
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025



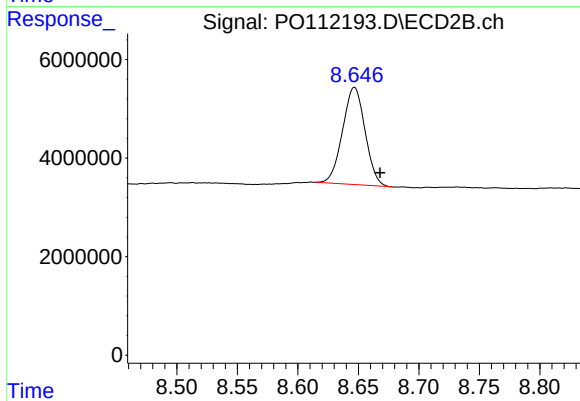
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 136842566
Conc: 21.48 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.698 min
Delta R.T.: -0.005 min
Response: 88552312
Conc: 12.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.646 min
Delta R.T.: -0.021 min
Response: 25590937
Conc: 14.85 ng/ml m



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CAMP02</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2543</u>
Instrument ID:	<u>ECD_O</u>	Calibration Date(s):	<u>07/08/2025</u> <u>07/08/2025</u>
		Calibration Times:	<u>14:06</u> <u>22:16</u>

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

LAB FILE ID:	RT 1000 = <u>PO112088.D</u>	RT 750 = <u>PO112089.D</u>
RT 500 = <u>PO112090.D</u>	RT 250 = <u>PO112091.D</u>	RT 050 = <u>PO112092.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1016-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1016-3	(3)	4.83	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1016-4	(4)	4.95	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1016-5	(5)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1260-1	(1)	6.25	6.25	6.25	6.25	6.25	6.25	6.15	6.35
Aroclor-1260-2	(2)	6.44	6.44	6.44	6.44	6.44	6.44	6.34	6.54
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)	7.31	7.31	7.31	7.31	7.31	7.31	7.21	7.41
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1242-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1242-2	(2)	4.78	4.78	4.78	4.78	4.78	4.78	4.68	4.88
Aroclor-1242-3	(3)	4.84	4.84	4.84	4.84	4.84	4.84	4.74	4.94
Aroclor-1242-4	(4)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1248-1	(1)	4.76	4.76	4.76	4.76	4.76	4.76	4.66	4.86
Aroclor-1248-2	(2)	5.00	5.00	5.00	5.00	5.00	5.00	4.90	5.10
Aroclor-1248-3	(3)	5.21	5.21	5.21	5.21	5.21	5.21	5.11	5.31
Aroclor-1248-4	(4)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1248-5	(5)	5.61	5.61	5.61	5.61	5.61	5.61	5.51	5.71
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1254-1	(1)	5.57	5.56	5.57	5.57	5.57	5.57	5.47	5.67
Aroclor-1254-2	(2)	5.72	5.71	5.72	5.71	5.71	5.72	5.62	5.82
Aroclor-1254-3	(3)	6.12	6.12	6.12	6.12	6.12	6.12	6.02	6.22
Aroclor-1254-4	(4)	6.35	6.35	6.35	6.35	6.35	6.35	6.25	6.45
Aroclor-1254-5	(5)	6.77	6.77	6.77	6.77	6.77	6.77	6.67	6.87
Decachlorobiphenyl		8.70	8.70	8.70	8.70	8.70	8.70	8.60	8.80
Tetrachloro-m-xylene		3.67	3.67	3.67	3.67	3.67	3.67	3.57	3.77
Aroclor-1268-1	(1)	7.59	7.59	7.59	7.59	7.59	7.59	7.49	7.69
Aroclor-1268-2	(2)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-3	(3)	7.86	7.86	7.86	7.86	7.86	7.86	7.76	7.96
Aroclor-1268-4	(4)	8.15	8.15	8.15	8.15	8.15	8.15	8.05	8.25
Aroclor-1268-5	(5)	8.45	8.44	8.45	8.45	8.45	8.45	8.35	8.55

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance

Contract: **CAMP02**

Lab Code: ACE

SDG NO.: Q2543

Instrument ID: ECD_O

Calibration Date(s): 07/08/2025 07/08/2025

Calibration Times: 14:06 22:16

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

LAB FILE ID:	RT 1000 =	<u>PO112088.D</u>	RT 750 =	<u>PO112089.D</u>	
RT 500 =	PO112090.D	RT 250 =	PO112091.D	RT 050 =	PO112092.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q2543

Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID:		CF 1000 = <u>PO112088.D</u>		CF 750 = <u>PO112089.D</u>			
CF 500 = <u>PO112090.D</u>		CF 250 = <u>PO112091.D</u>		CF 050 = <u>PO112092.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	360742355	353411084	358608078	351811628	276040300	340122689
Aroclor-1016-2	(2)	524757576	513734579	527286258	524874328	395805960	497291740
Aroclor-1016-3	(3)	332829086	325012079	334990372	341827996	283910480	323714003
Aroclor-1016-4	(4)	267114546	263557440	269039266	265481824	218804880	256799591
Aroclor-1016-5	(5)	281257689	272140703	280446704	285989380	248475020	273661899
Aroclor-1260-1	(1)	515263930	514045125	524528068	524922328	427435480	501238986
Aroclor-1260-2	(2)	755458656	751801572	763083688	740918324	679411120	738134672
Aroclor-1260-3	(3)	672764264	679771911	697132702	647584436	580156380	655481939
Aroclor-1260-4	(4)	428461498	442815881	457502760	461118372	386340060	435247714
Aroclor-1260-5	(5)	1355306152	1333629501	1317199750	1298892100	1007658700	1262537241
Decachlorobiphenyl		7091695750	7147123880	7182630500	7285420480	5478354000	6837044922
Tetrachloro-m-xylene		10813397260	10474815627	10513291260	10183518000	7488479400	9894700309
Aroclor-1242-1	(1)	285009923	305769684	302587940	302628584	252187260	289636678
Aroclor-1242-2	(2)	424985528	451558340	449561854	447967952	355524300	425919595
Aroclor-1242-3	(3)	267327438	285181779	287377204	288451804	240089600	273685565
Aroclor-1242-4	(4)	217524144	232173980	231748124	232379948	212764400	225318119
Aroclor-1242-5	(5)	218416651	232437525	224522496	231546684	151431360	211670943
Decachlorobiphenyl		6979969120	7147406973	7161879360	7131310800	5658336400	6815780531
Tetrachloro-m-xylene		10047633560	10752033107	10538404740	10524037960	8582543200	10088930513
Aroclor-1248-1	(1)	231871262	227298380	227625104	251373404	196330000	226899630
Aroclor-1248-2	(2)	312226784	305819339	307255800	349605332	266719220	308325295
Aroclor-1248-3	(3)	394903515	391569029	392918442	459601740	397606080	407319761
Aroclor-1248-4	(4)	577144829	572571723	575557162	615211088	545252760	577147512
Aroclor-1248-5	(5)	391149352	391468967	390698366	435680552	342525360	390304519
Decachlorobiphenyl		7164669710	7172590053	7258610400	7568481440	5849763800	7002823081
Tetrachloro-m-xylene		10966260810	10668995880	10533016680	11674212280	8664104600	10501318050
Aroclor-1254-1	(1)	596387386	615301855	615556214	631197528	617123200	615113237
Aroclor-1254-2	(2)	526620849	541456496	538329150	552782544	519240660	535685940
Aroclor-1254-3	(3)	832372124	848375105	844598876	861920200	810621920	839577645
Aroclor-1254-4	(4)	488348458	550588549	528046518	514011204	324098800	481018706
Aroclor-1254-5	(5)	772769124	785953607	791521408	805117428	714377600	773947833
Decachlorobiphenyl		7313218520	7363897040	7524909560	7619539480	6511414600	7266595840
Tetrachloro-m-xylene		10817495530	10970019693	10749863260	10915129200	9106609200	10511823377
Aroclor-1268-1	(1)	1933697823	1961714709	1933333182	1889919492	1468606580	1837454357



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1621310763	1652283559	1624883286	1597201648	1292350600	1557605971	10
Aroclor-1268-3	(3)	1337748865	1359325231	1351894922	1337301304	1112111800	1299676424	8
Aroclor-1268-4	(4)	501678112	499381901	514040784	510400332	376538760	480407978	12
Aroclor-1268-5	(5)	3474681887	3495352783	3443761070	3349732680	2555042300	3263714144	12
Decachlorobiphenyl		13779789610	14010961973	13831208240	13686235720	10617540000	13185147109	11
Tetrachloro-m-xylene		10828416470	10960168653	10714217600	10397619080	7773509600	10134786281	13



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_O

Contract: CAMP02
SDG NO.: Q2543

Calibration Date(s): 07/08/2025 07/08/2025
Calibration Times: 14:06 22:16

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

LAB FILE ID:		CF 1000 = <u>PO112088.D</u>		CF 750 = <u>PO112089.D</u>			
CF 500 = <u>PO112090.D</u>		CF 250 = <u>PO112091.D</u>		CF 050 = <u>PO112092.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	224689947	221197589	229855740	235435032	202993580	222834378
Aroclor-1016-2	(2)	333676696	332964816	340716574	344871116	293258760	329097592
Aroclor-1016-3	(3)	173220389	172286476	177510406	175323720	150993180	169866834
Aroclor-1016-4	(4)	133548654	134722825	140696304	141544972	135624760	137227503
Aroclor-1016-5	(5)	172958737	175867975	183374190	179483264	150567480	172450329
Aroclor-1260-1	(1)	273966572	275587577	284396370	318959696	249900320	280562107
Aroclor-1260-2	(2)	339471861	339883185	345098816	366340024	309189580	339996693
Aroclor-1260-3	(3)	285079531	283131084	293155536	294803628	221760800	275586116
Aroclor-1260-4	(4)	190320237	194370733	203166394	219087436	196280140	200644988
Aroclor-1260-5	(5)	439428363	448516680	455912584	483251276	411533840	447728549
Decachlorobiphenyl		1708564380	1754251880	1790007560	1862375960	1502102800	1723460516
Tetrachloro-m-xylene		6849689250	6688775747	6823852720	6660365320	4832613200	6371059247
Aroclor-1242-1	(1)	180558203	194276476	196154442	205920884	192381760	193858353
Aroclor-1242-2	(2)	267145812	285888559	288791934	297310352	277625120	283352355
Aroclor-1242-3	(3)	139388587	149896708	150012144	154353128	134735720	145677257
Aroclor-1242-4	(4)	132647733	142511831	143624204	149839712	140580100	141840716
Aroclor-1242-5	(5)	169256952	182077477	187071418	199409696	170855060	181734121
Decachlorobiphenyl		1694985930	1765973813	1799728340	1866433600	1579982000	1741420737
Tetrachloro-m-xylene		6408694870	6872035667	6730718280	6766792760	5539281400	6463504595
Aroclor-1248-1	(1)	148373409	146783767	149637550	173598112	153448100	154368188
Aroclor-1248-2	(2)	200165378	198242231	203122858	230241332	197066700	205767700
Aroclor-1248-3	(3)	210851108	208337667	212783398	242780584	199239520	214798455
Aroclor-1248-4	(4)	249491134	246252407	253519016	297759984	246611360	258726780
Aroclor-1248-5	(5)	244390847	243395885	250986596	299503676	214470400	250549481
Decachlorobiphenyl		1741004980	1773180160	1834926600	1999524800	1593214800	1788370268
Tetrachloro-m-xylene		6922029440	6722968493	6653358760	7457216520	5595884000	6670291443
Aroclor-1254-1	(1)	358701312	372366800	376618238	404921504	393233780	381168327
Aroclor-1254-2	(2)	309319461	318506233	325963420	350344944	354921460	331811104
Aroclor-1254-3	(3)	457035033	473473401	470706516	496812748	512186320	482042804
Aroclor-1254-4	(4)	242702235	264458053	264466114	273730492	258116740	260694727
Aroclor-1254-5	(5)	340856875	348898753	356048528	374047448	361929480	356356217
Decachlorobiphenyl		1762037980	1801047667	1852268780	1914979680	1705564000	1807179621
Tetrachloro-m-xylene		6812677640	6946187027	6790686340	6873927640	5937916200	6672278969
Aroclor-1268-1	(1)	486556055	496283868	499490630	514433332	460511800	491455137



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	414074889	422901423	425132138	438633692	385189960	417186420	5
Aroclor-1268-3	(3)	309607188	317937561	322370012	335163612	296865480	316388771	5
Aroclor-1268-4	(4)	111375490	114260995	115590378	117536984	98796160	111512001	7
Aroclor-1268-5	(5)	736492551	750146037	748798464	755249104	641904560	726518143	7
Decachlorobiphenyl		3139191470	3230861547	3253774420	3306379000	2721463200	3130333927	8
Tetrachloro-m-xylene		6732535870	6829120120	6762174400	6573365120	5117275800	6402894262	11



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
Instrument ID: ECD_O **Date(s) Analyzed:** 07/08/2025 07/08/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.88	3.78	3.98	116614000
		2	3.97	3.87	4.07	78840600
		3	4.05	3.95	4.15	269582000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.05	3.95	4.15	214668000
		2	4.54	4.44	4.64	113637000
		3	4.78	4.68	4.88	229008000
		4	4.96	4.86	5.06	114297000
		5	5.00	4.90	5.10	73400200
Aroclor-1262	500	1	6.81	6.71	6.91	1021690000
		2	7.31	7.21	7.41	1639370000
		3	7.59	7.49	7.69	641976000
		4	7.66	7.56	7.76	1071430000
		5	8.15	8.05	8.25	448140000



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CAMP02

Lab Code: ACE SDG NO.: Q2543

Instrument ID: ECD_O Date(s) Analyzed: 07/08/2025 07/08/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.88	3.78	3.98	82295000
		2	3.96	3.86	4.06	59353600
		3	4.04	3.94	4.14	188777000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.04	3.94	4.14	150099000
		2	4.76	4.66	4.86	153086000
		3	4.94	4.84	5.04	75506000
		4	5.02	4.92	5.12	65988200
		5	5.19	5.09	5.29	74260000
Aroclor-1262	500	1	6.77	6.67	6.87	407320000
		2	7.27	7.17	7.37	512548000
		3	7.55	7.45	7.65	179524000
		4	7.62	7.52	7.72	290920000
		5	8.11	8.01	8.21	105784000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 14:06
 Operator : YP/AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 15:11:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 15:05:13 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...	3.671	3.666	1081.3E6	685.0E6	101.527m	100.423m
2) SA Decachlor...	8.702	8.649	709.2E6	170.9E6	99.363	97.492m
Target Compounds						
3) L1 AR-1016-1	4.759	4.743	360.7E6	224.7E6	1002.967	1009.911
4) L1 AR-1016-2	4.777	4.761	524.8E6	333.7E6	997.596	990.816
5) L1 AR-1016-3	4.834	4.936	332.8E6	173.2E6	996.764	996.808m
6) L1 AR-1016-4	4.954	4.980	267.1E6	133.5E6	996.410	973.937
7) L1 AR-1016-5	5.211	5.191	281.3E6	173.0E6	1001.444	970.770
31) L7 AR-1260-1	6.249	6.220	515.3E6	274.0E6	991.090	981.321
32) L7 AR-1260-2	6.438	6.409	755.5E6	339.5E6	994.979	991.780
33) L7 AR-1260-3	6.805	6.560	672.8E6	285.1E6	982.211	986.397m
34) L7 AR-1260-4	7.065	7.031	428.5E6	190.3E6	967.221	967.353
35) L7 AR-1260-5	7.308	7.272	1355.3E6	439.4E6	1014.259	981.589

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:06
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

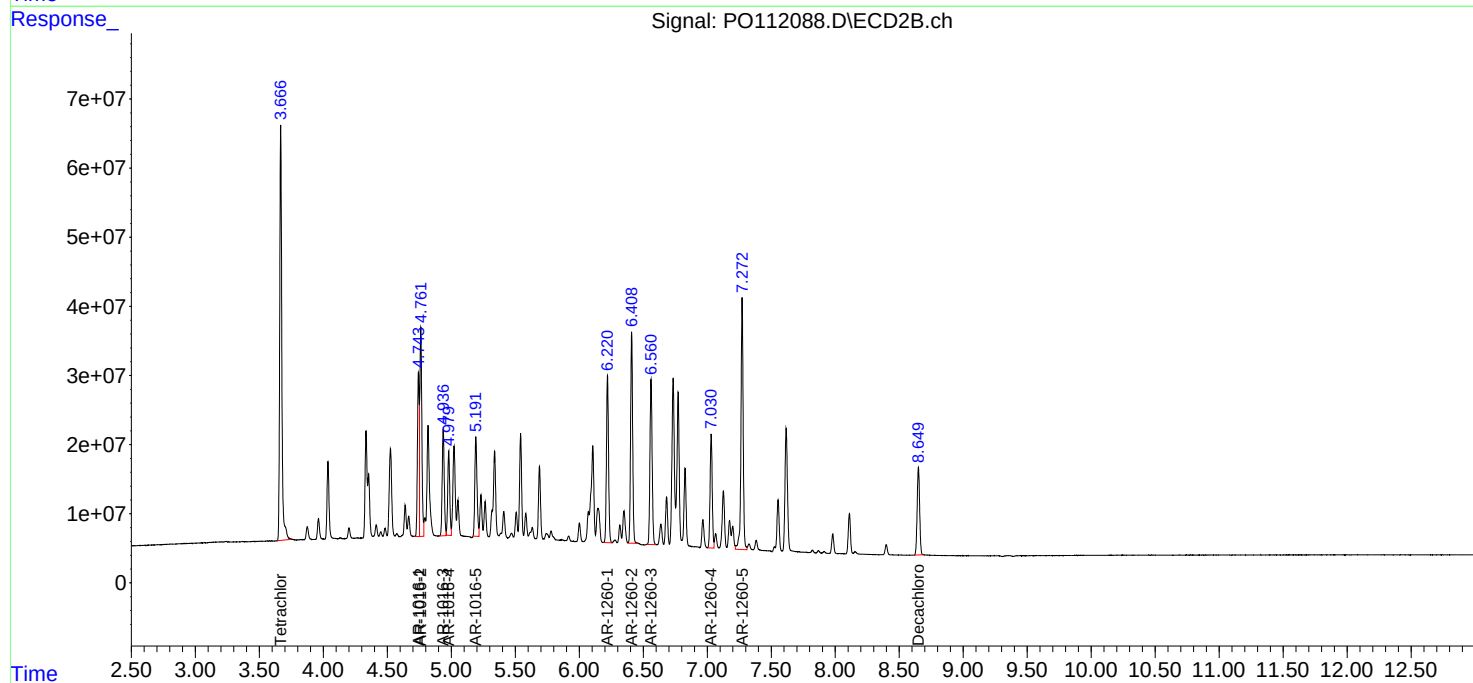
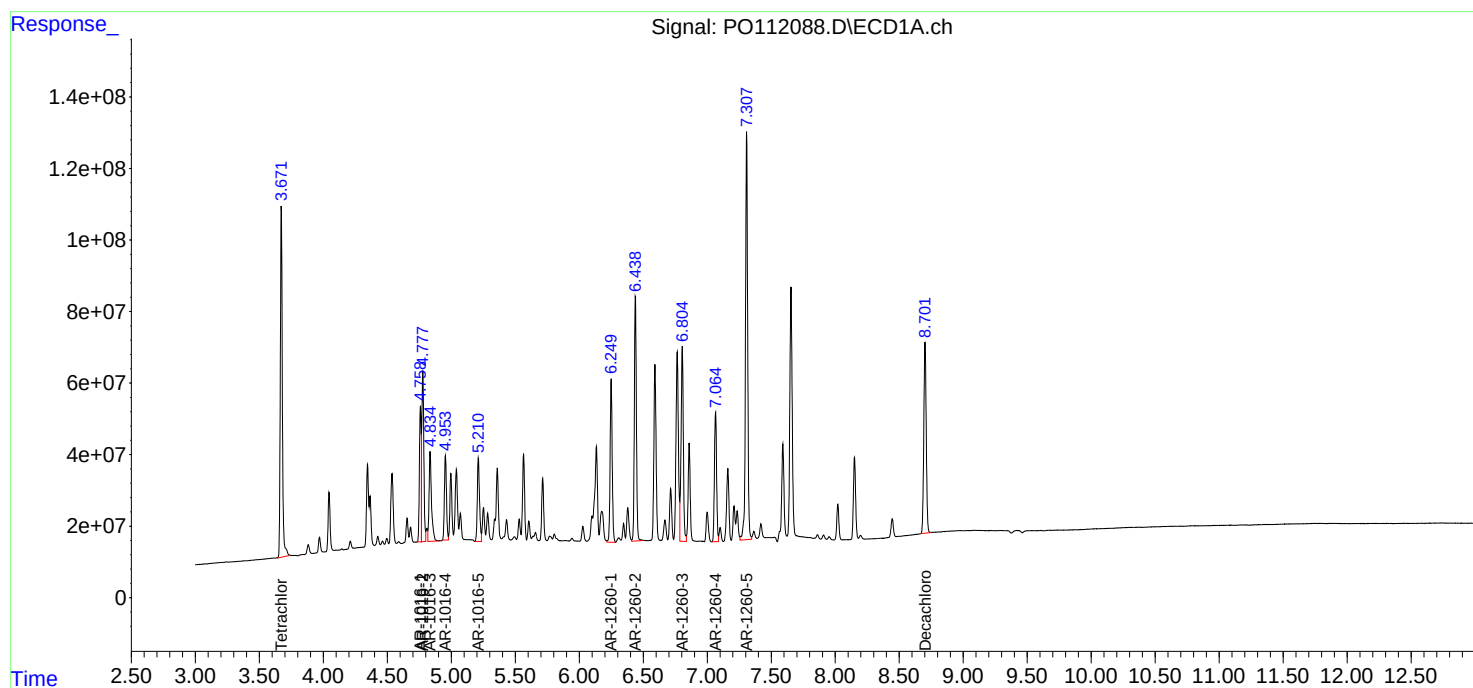
Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:11:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112089.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 14:25
 Operator : YP/AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 15:14:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 15:05:13 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...	3.673	3.666	785.6E6	501.7E6	74.111m	73.846m
2)	SA Decachlor...	8.704	8.650	536.0E6	131.6E6	75.070	75.207m
Target Compounds							
3)	L1 AR-1016-1	4.761	4.743	265.1E6	165.9E6	741.241	736.514
4)	L1 AR-1016-2	4.780	4.762	385.3E6	249.7E6	738.229	743.699
5)	L1 AR-1016-3	4.837	4.936	243.8E6	129.2E6	736.557	746.717m
6)	L1 AR-1016-4	4.956	4.979	197.7E6	101.0E6	741.523	743.789m
7)	L1 AR-1016-5	5.213	5.191	204.1E6	131.9E6	734.329	748.865m
31)	L7 AR-1260-1	6.252	6.221	385.5E6	206.7E6	744.352	743.536
32)	L7 AR-1260-2	6.441	6.409	563.9E6	254.9E6	745.065	746.483
33)	L7 AR-1260-3	6.808	6.560	509.8E6	212.3E6	746.212	739.991m
34)	L7 AR-1260-4	7.067	7.031	332.1E6	145.8E6	749.812	743.946
35)	L7 AR-1260-5	7.309	7.273	1000.2E6	336.4E6	749.018	750.945

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112089.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:25
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

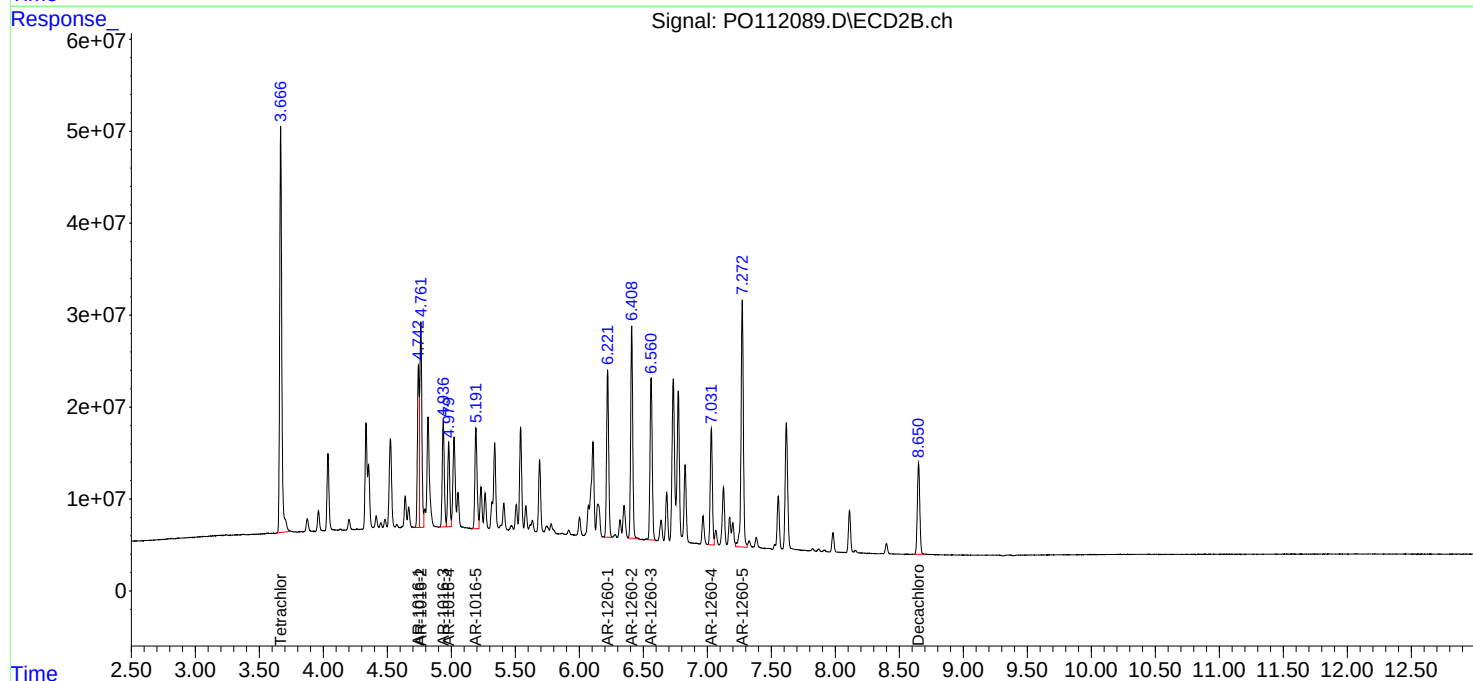
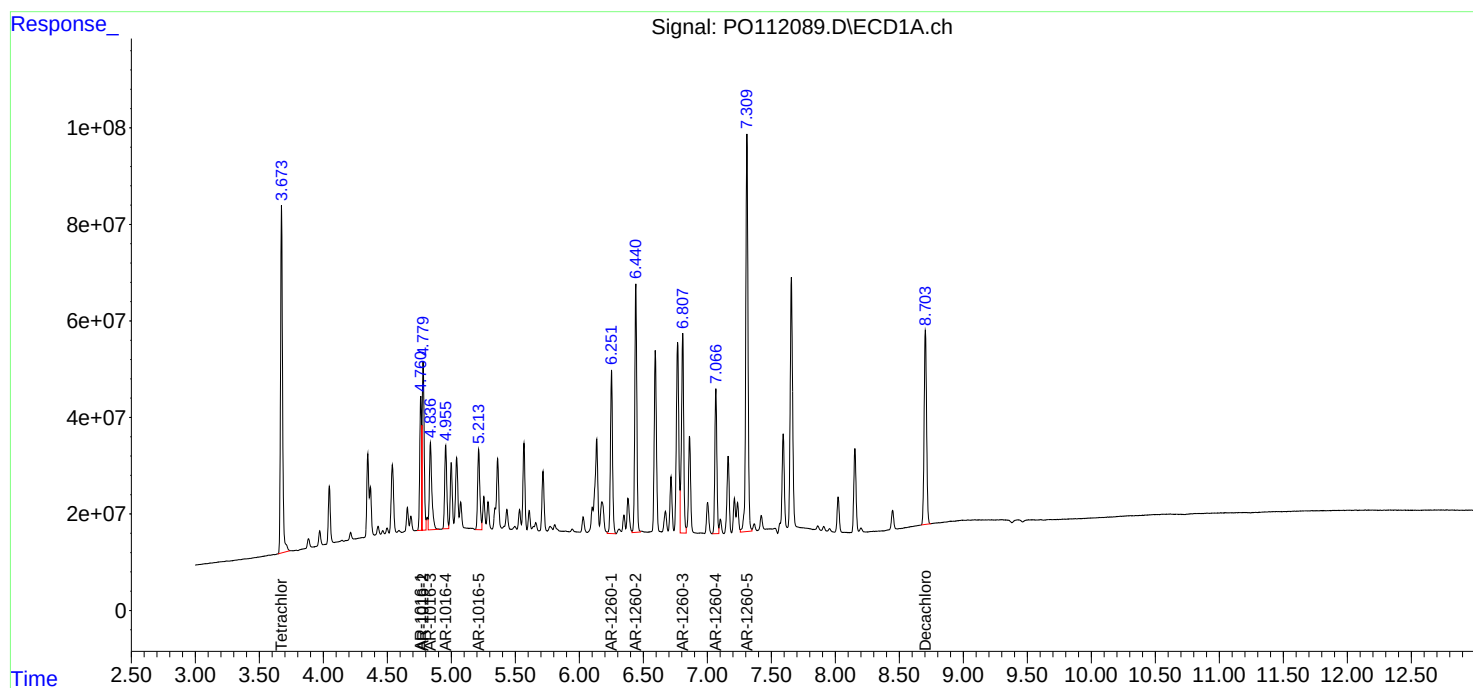
Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:14:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0070825\
 Data File : P0112090.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 14:43
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 15:07:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 15:05:13 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...	3.673	3.684	525.7E6	341.2E6	50.000	50.000
2)	SA Decachlor...	8.703	8.668	359.1E6	89500378	50.000	50.000
Target Compounds							
3)	L1 AR-1016-1	4.761	4.761	179.3E6	114.9E6	500.000	500.000
4)	L1 AR-1016-2	4.780	4.779	263.6E6	170.4E6	500.000	500.000
5)	L1 AR-1016-3	4.836	4.954	167.5E6	88755203	500.000	500.000
6)	L1 AR-1016-4	4.956	4.997	134.5E6	70348152	500.000	500.000
7)	L1 AR-1016-5	5.213	5.209	140.2E6	91687095	500.000	500.000
31)	L7 AR-1260-1	6.251	6.238	262.3E6	142.2E6	500.000	500.000
32)	L7 AR-1260-2	6.441	6.426	381.5E6	172.5E6	500.000	500.000
33)	L7 AR-1260-3	6.807	6.578	348.6E6	146.6E6	500.000	500.000
34)	L7 AR-1260-4	7.067	7.048	228.8E6	101.6E6	500.000	500.000
35)	L7 AR-1260-5	7.309	7.290	658.6E6	228.0E6	500.000	500.000

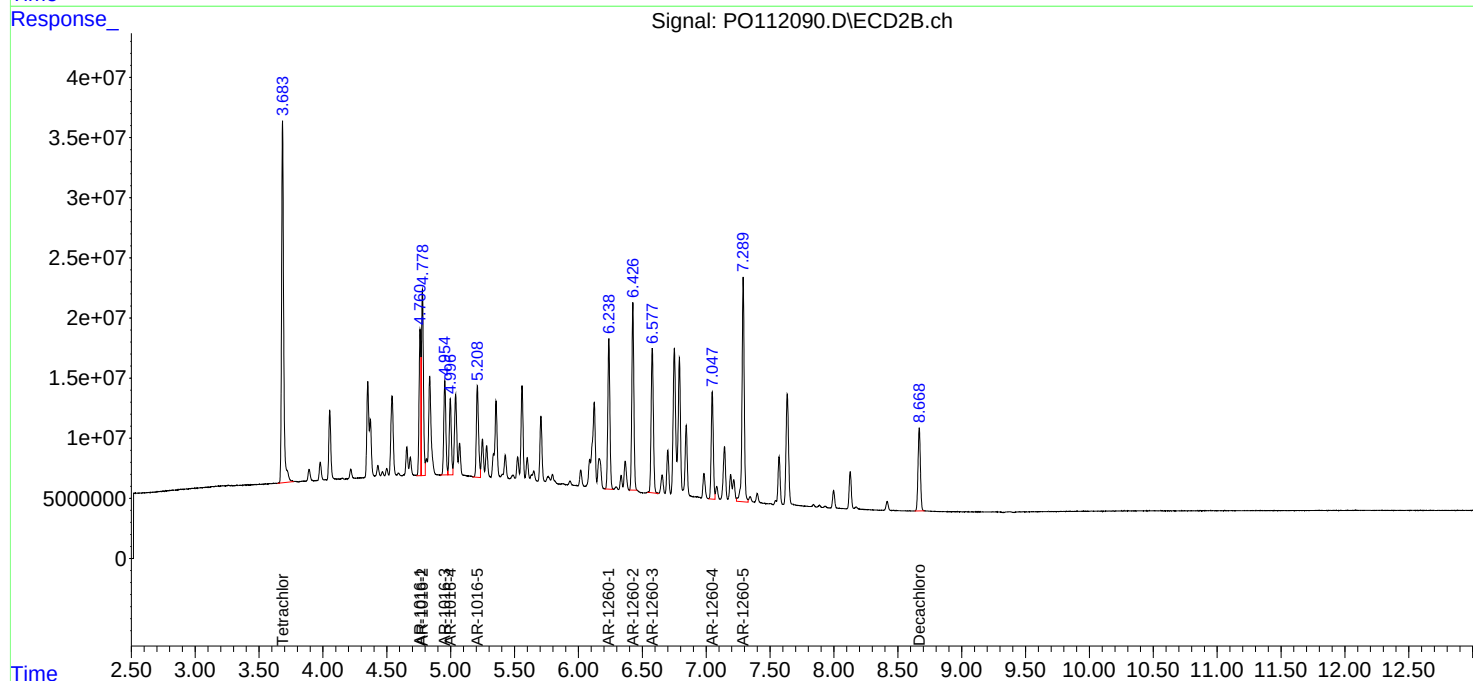
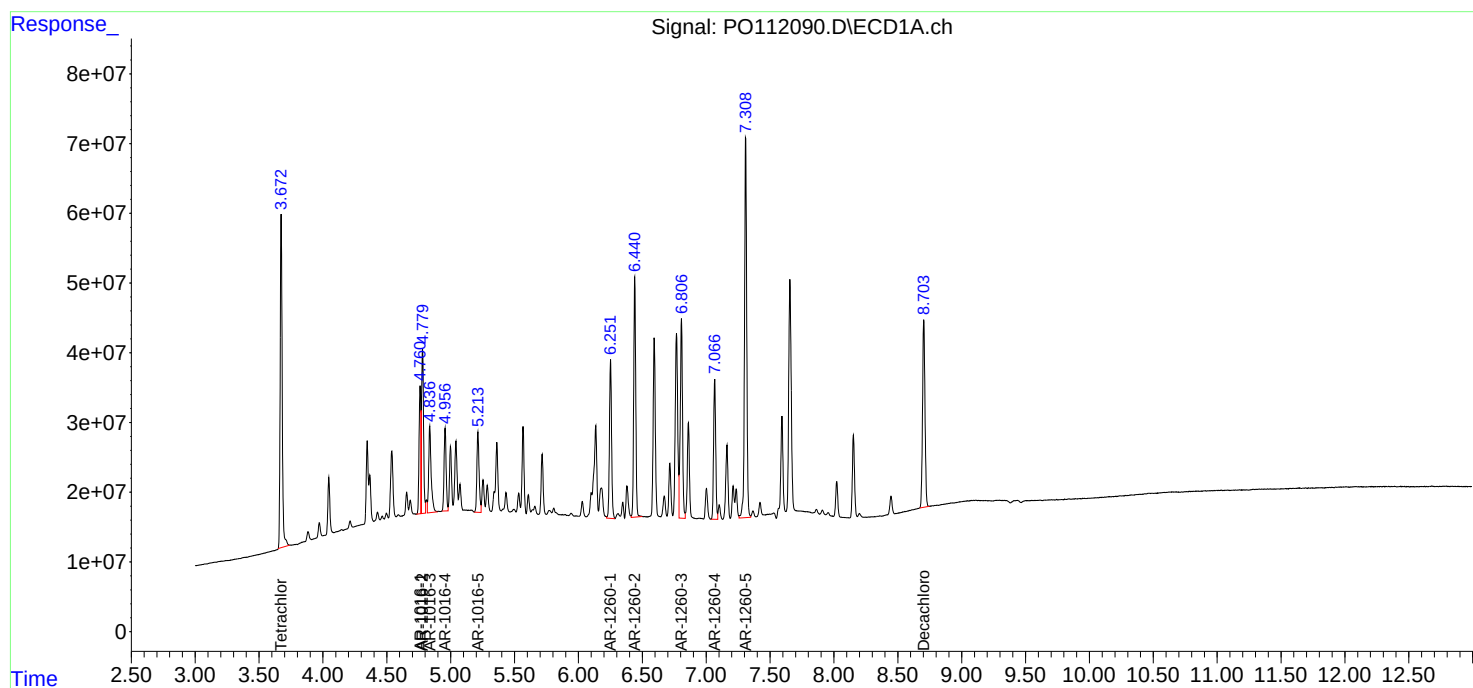
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112090.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 14:43
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: Jul 08 15:07:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 15:02
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 15:21:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 15:05:13 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	3.666	254.6E6	166.5E6	24.239	24.620m
2)	SA Decachlor...	8.704	8.650	182.1E6	46559399	25.379	26.170m
Target Compounds							
3)	L1 AR-1016-1	4.762	4.743	87952907	58858758	246.959	258.385
4)	L1 AR-1016-2	4.780	4.762	131.2E6	86217779	251.058	255.039
5)	L1 AR-1016-3	4.838	4.937	85456999	43830930	256.116	251.057
6)	L1 AR-1016-4	4.957	4.979	66370456	35386243	249.234	257.115
7)	L1 AR-1016-5	5.214	5.192	71497345	44870816	255.385	251.028
31)	L7 AR-1260-1	6.251	6.221	131.2E6	79739924	253.320m	276.656
32)	L7 AR-1260-2	6.441	6.409	185.2E6	91585006	246.068m	263.404
33)	L7 AR-1260-3	6.807	6.561	161.9E6	73700907	238.590m	254.910m
34)	L7 AR-1260-4	7.066	7.031	115.3E6	54771859	256.248m	271.502
35)	L7 AR-1260-5	7.309	7.272	324.7E6	120.8E6	242.889m	264.490

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:02
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

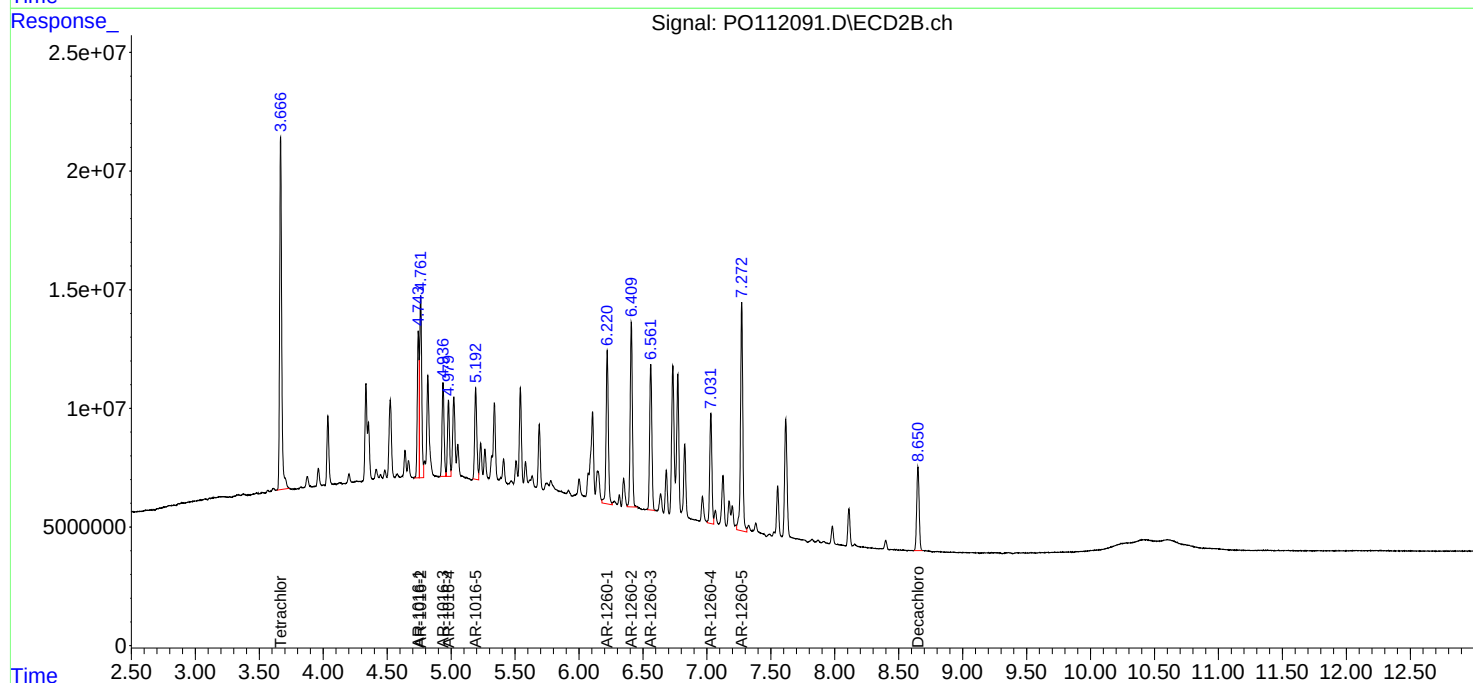
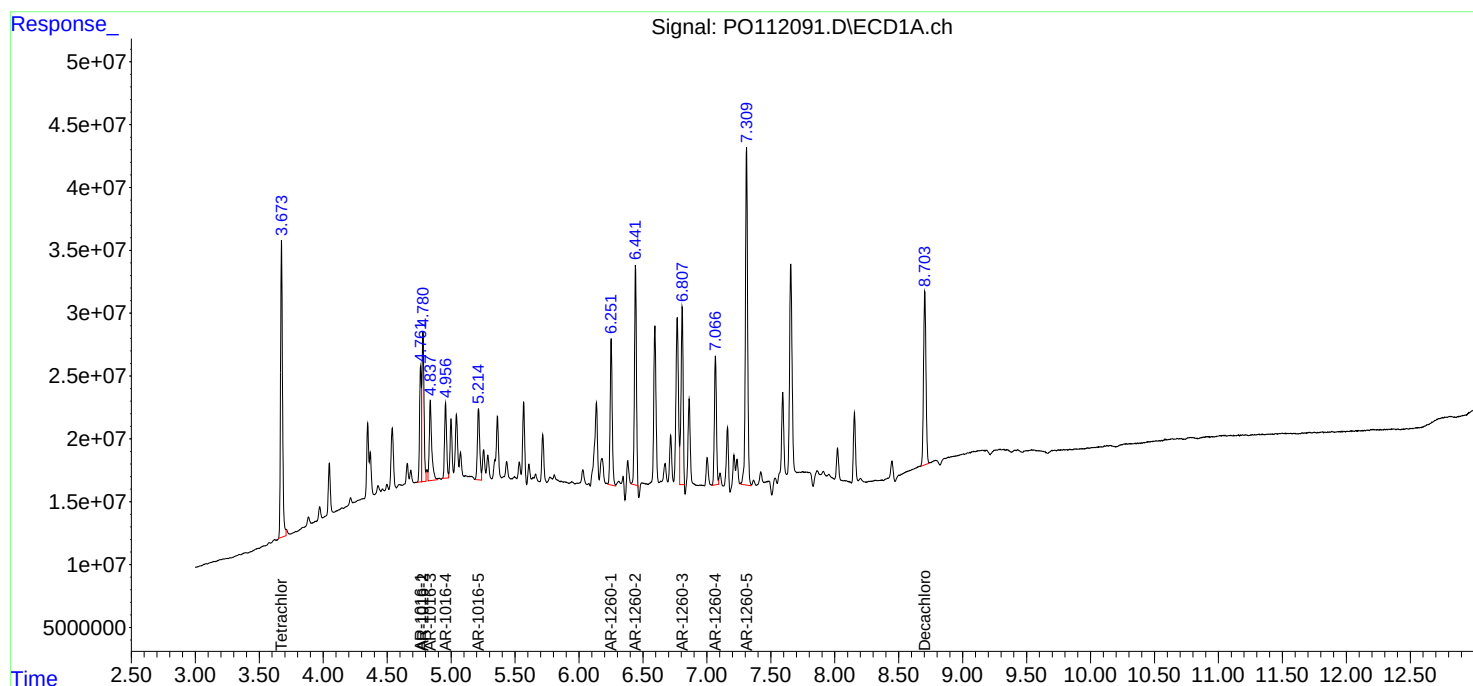
Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:21:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:05:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0070825\
 Data File : P0112092.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 15:21
 Operator : YP/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 15:36:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 15:36:04 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...	3.673	3.666	37442397	24163066	3.784	3.793
2) SA Decachlor...	8.703	8.650	27391770	7510514	4.006	4.354m
Target Compounds						
3) L1 AR-1016-1	4.761	4.743	13802015	10149679	40.580	45.548
4) L1 AR-1016-2	4.780	4.761	19790298	14662938	39.796	44.555
5) L1 AR-1016-3	4.836	4.936	14195524	7549659	43.852	44.445
6) L1 AR-1016-4	4.956	4.979	10940244	6781238	42.602	49.416
7) L1 AR-1016-5	5.211	5.191	12423751	7528374	45.100m	43.655
31) L7 AR-1260-1	6.250	6.220	21371774	12495016	42.836m	44.579m
32) L7 AR-1260-2	6.440	6.408	33970556	15459479	46.386m	45.388m
33) L7 AR-1260-3	6.806	6.559	29007819	11088040	44.254	40.234
34) L7 AR-1260-4	7.066	7.030	19317003	9814007	44.382	48.912
35) L7 AR-1260-5	7.309	7.272	50382935	20576692	39.906	45.958

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112092.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:21
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

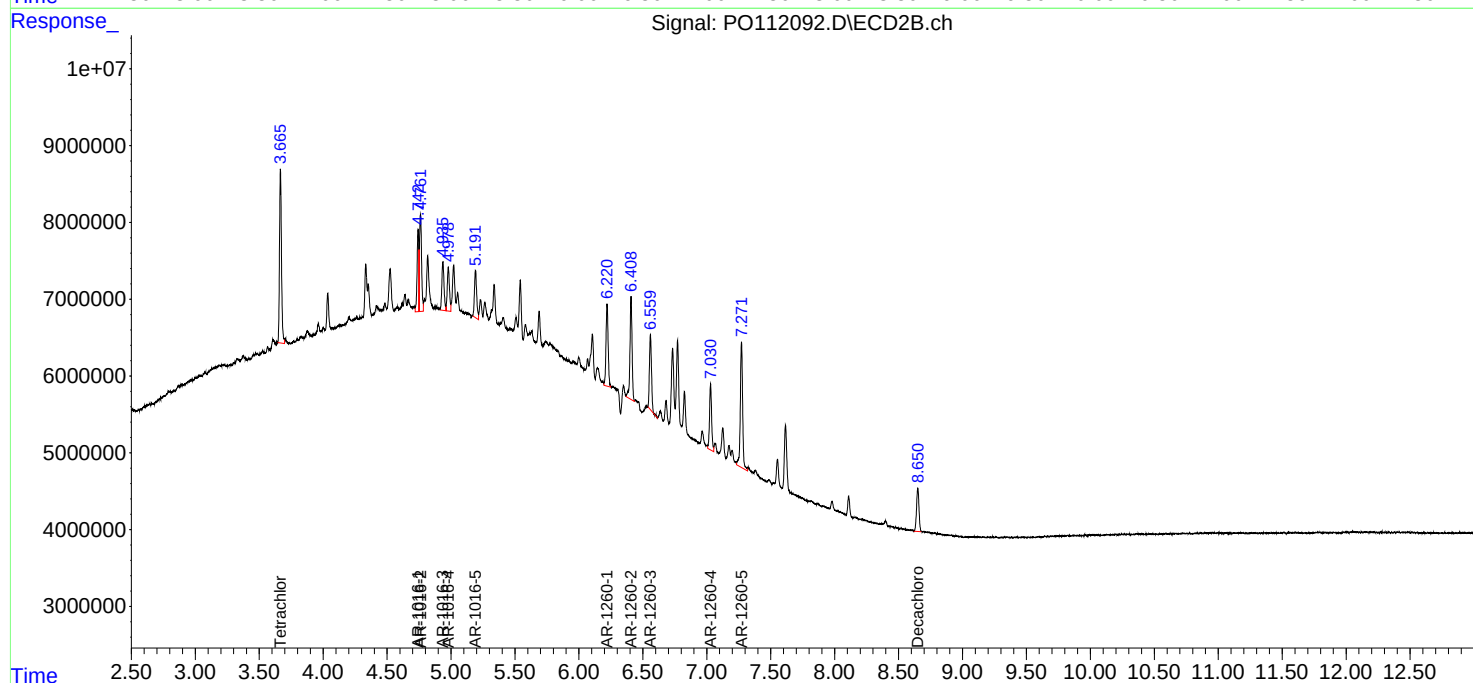
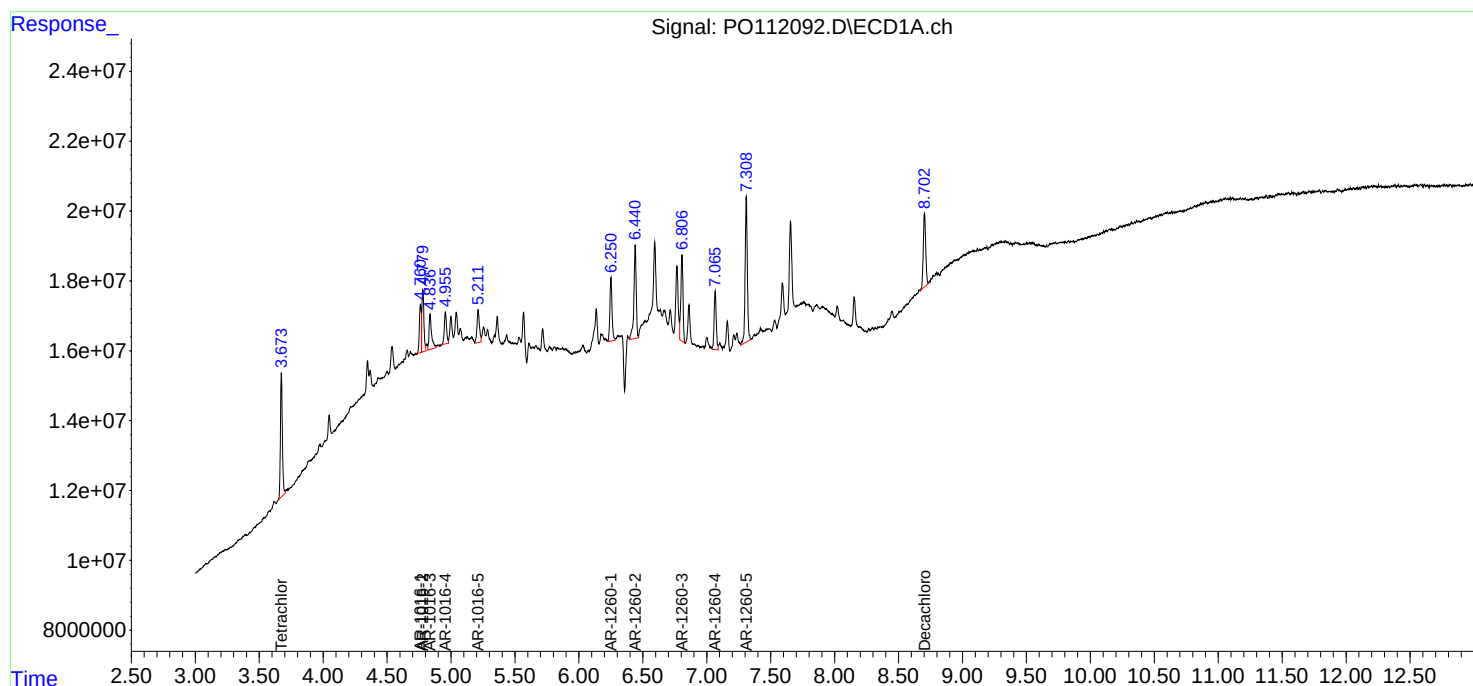
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 15:36:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 15:36:04 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112093.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 15:38
 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: Jul 09 02:15:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:08:52 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...	3.671	3.666	491.3E6	310.8E6	50.000	50.000
2) SA Decachlor...	8.701	8.649	354.6E6	89358669	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	3.883	3.875	58306973	41147512	500.000	500.000
9) L2 AR-1221-2	3.969	3.960	39420252	29676775	500.000	500.000
10) L2 AR-1221-3	4.045	4.036	134.8E6	94388324	500.000	500.000

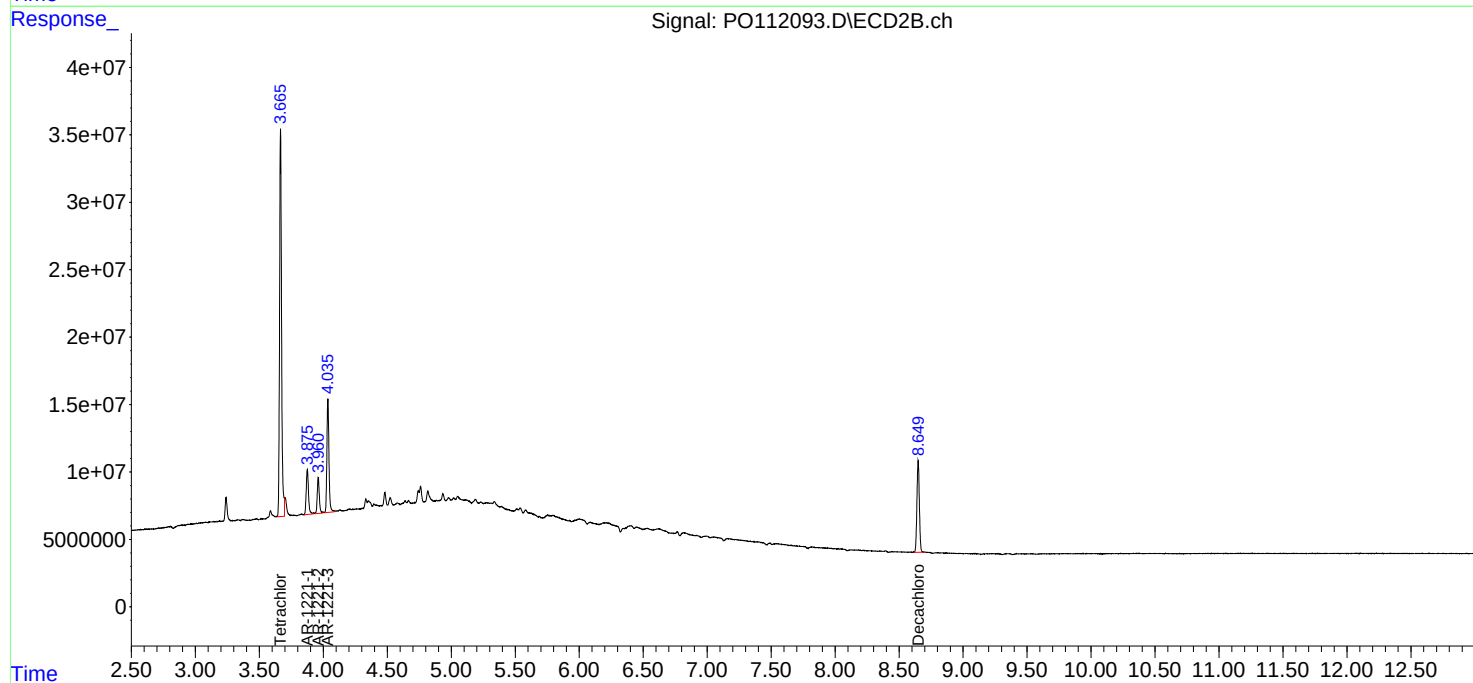
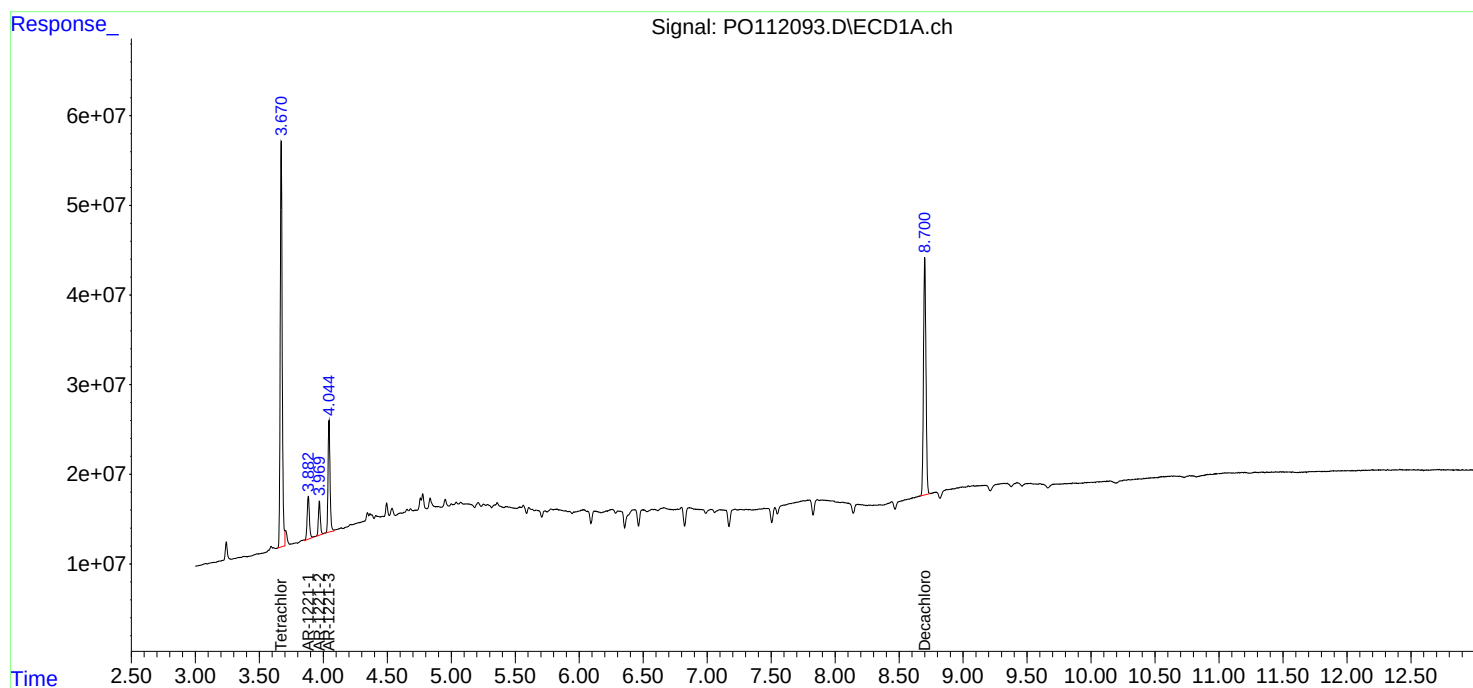
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:38
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: Jul 09 02:15:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:08:52 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112094.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 15:57
 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: Jul 09 02:23:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:18:55 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...	3.673	3.667	508.1E6	328.2E6	50.000	50.000
2) SA Decachlor...	8.703	8.649	348.2E6	88061507	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.047	4.036	107.3E6	75049686	500.000	500.000
12) L3 AR-1232-2	4.539	4.761	56818484	76542867	500.000	500.000
13) L3 AR-1232-3	4.780	4.936	114.5E6	37753016	500.000	500.000
14) L3 AR-1232-4	4.956	5.021	57148344	32994097	500.000	500.000
15) L3 AR-1232-5	4.999	5.191	36700121	37129963	500.000	500.000

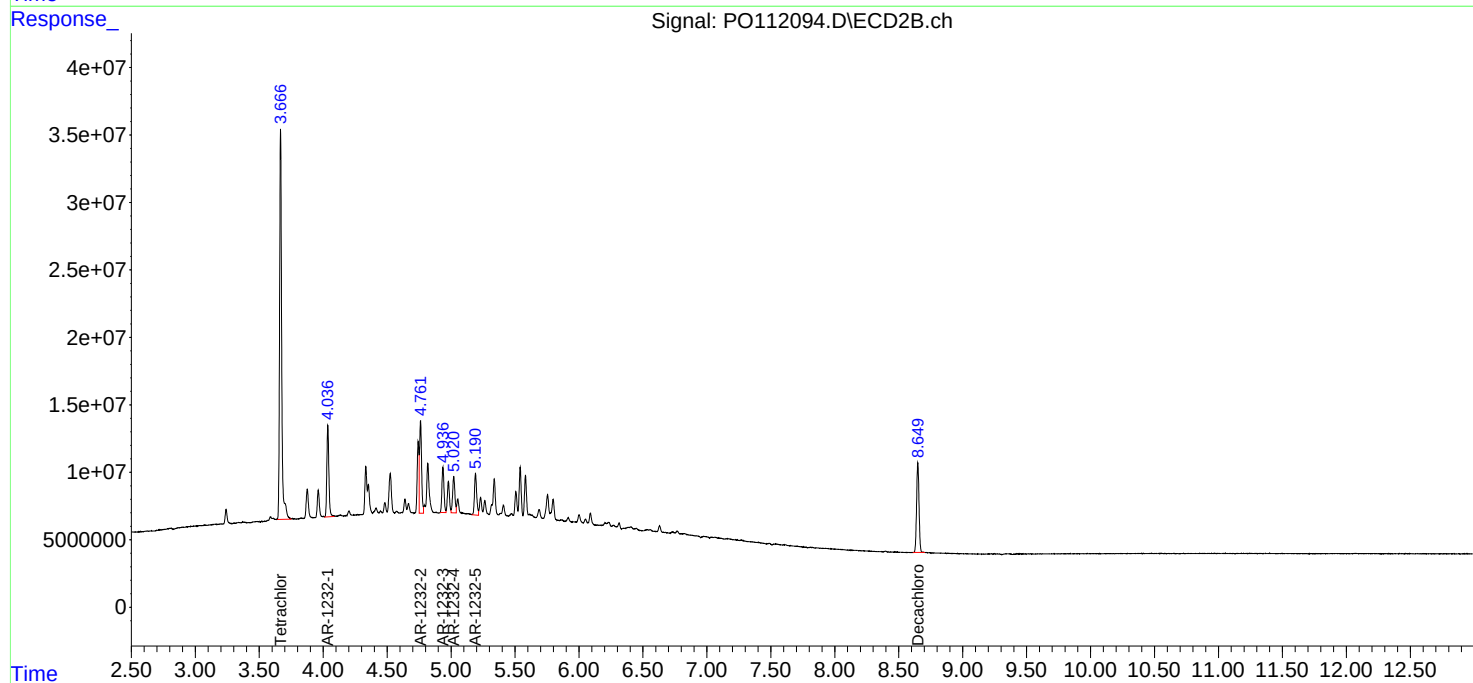
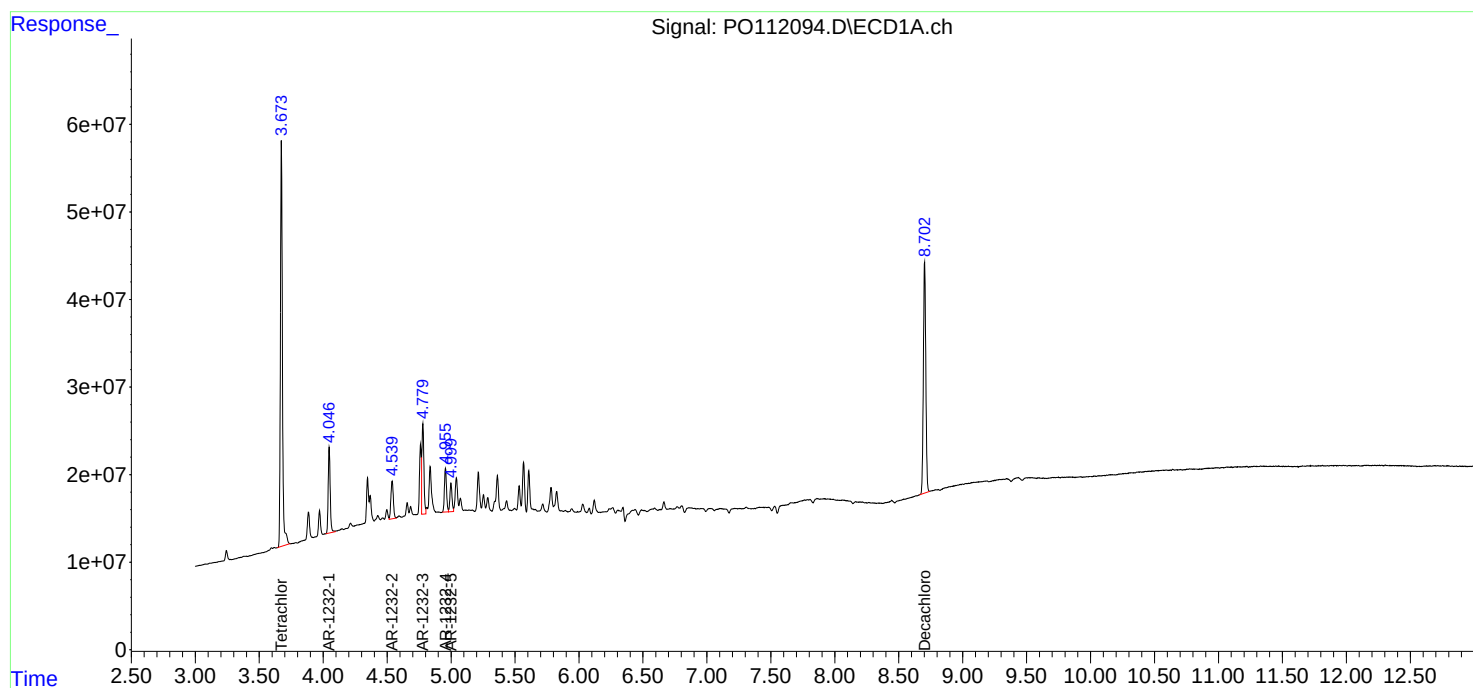
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112094.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 15:57
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: Jul 09 02:23:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:18:55 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112095.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 16:15
 Operator : YP/AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:30:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:27:13 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	3.667	1004.8E6	640.9E6	95.343	95.216
2) SA Decachlor...	8.703	8.651	698.0E6	169.5E6	97.460	94.180
Target Compounds						
16) L4 AR-1242-1	4.761	4.744	285.0E6	180.6E6	941.908	920.490
17) L4 AR-1242-2	4.780	4.762	425.0E6	267.1E6	945.333	925.046
18) L4 AR-1242-3	4.837	4.937	267.3E6	139.4E6	930.232	929.182
19) L4 AR-1242-4	4.957	5.022	217.5E6	132.6E6	938.623	923.575
20) L4 AR-1242-5	5.608	5.541	218.4E6	169.3E6	972.805	904.772

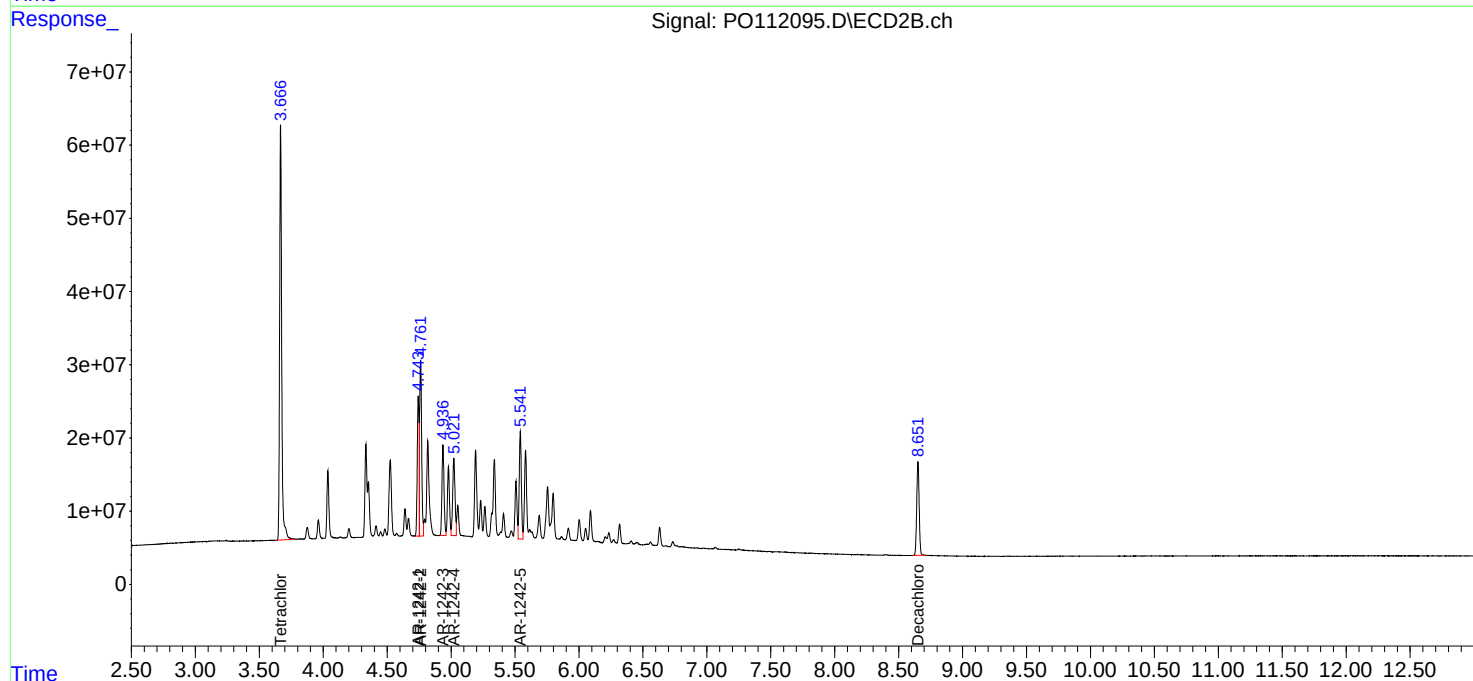
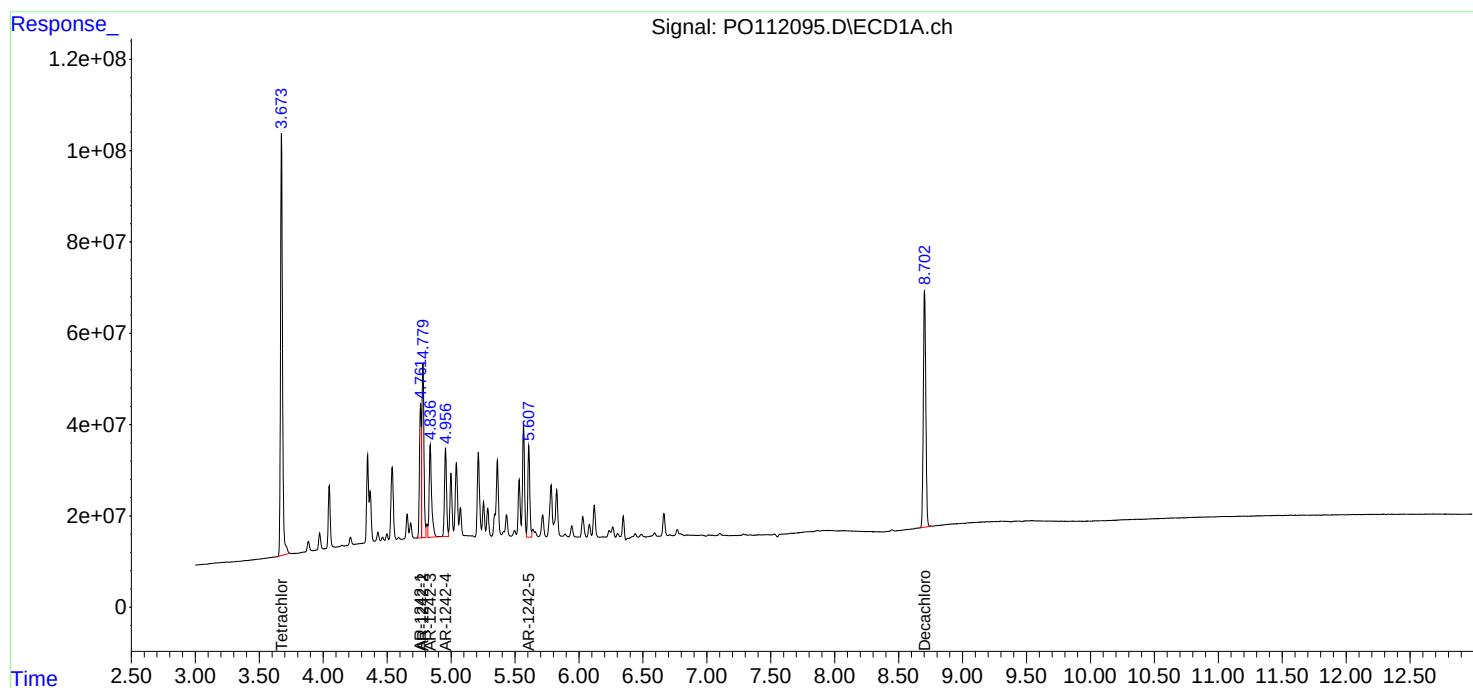
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112095.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:15
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112096.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 16:34
 Operator : YP/AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:30:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:27:13 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...	3.673	3.666	806.4E6	515.4E6	76.520	76.575
2) SA Decachlor...	8.704	8.650	536.1E6	132.4E6	74.848	73.593
Target Compounds						
16) L4 AR-1242-1	4.761	4.743	229.3E6	145.7E6	757.886	742.820
17) L4 AR-1242-2	4.780	4.761	338.7E6	214.4E6	753.331	742.460
18) L4 AR-1242-3	4.837	4.936	213.9E6	112.4E6	744.270	749.423
19) L4 AR-1242-4	4.956	5.021	174.1E6	106.9E6	751.378	744.191
20) L4 AR-1242-5	5.608	5.540	174.3E6	136.6E6	776.440	729.978

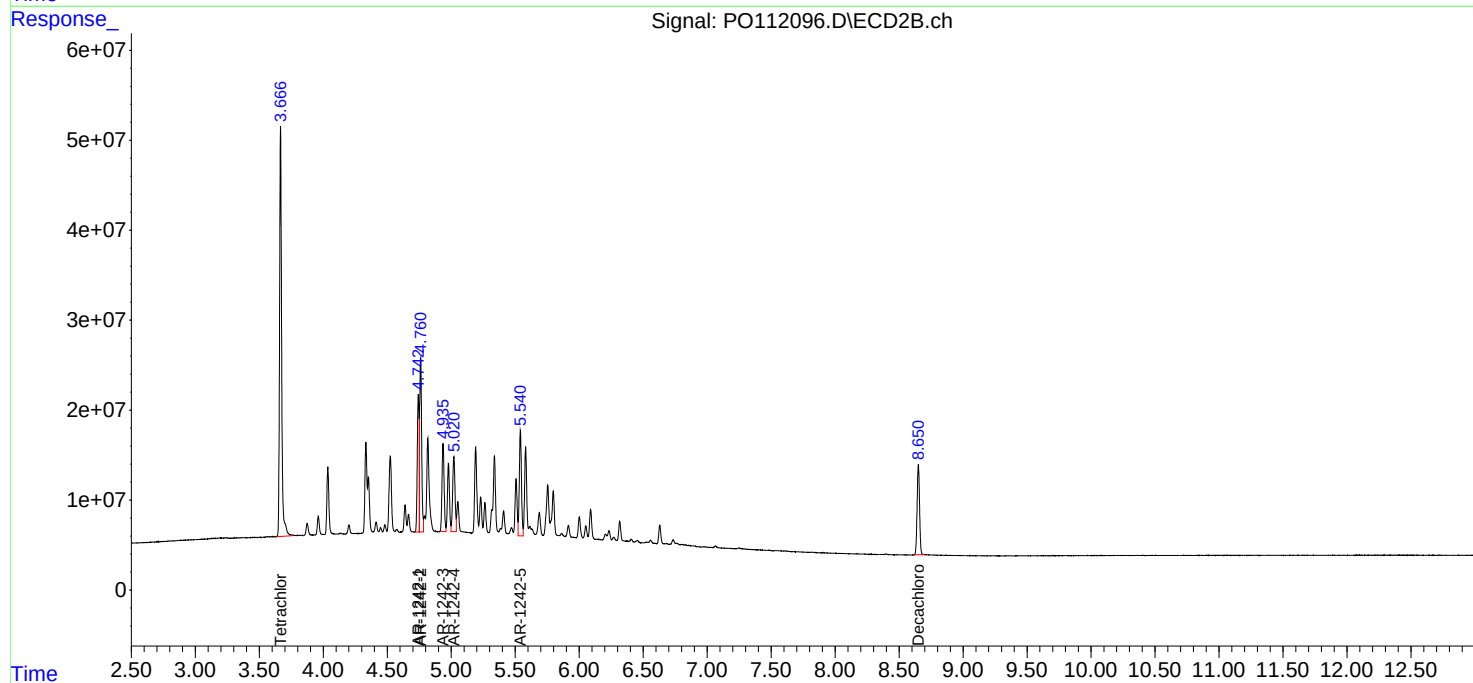
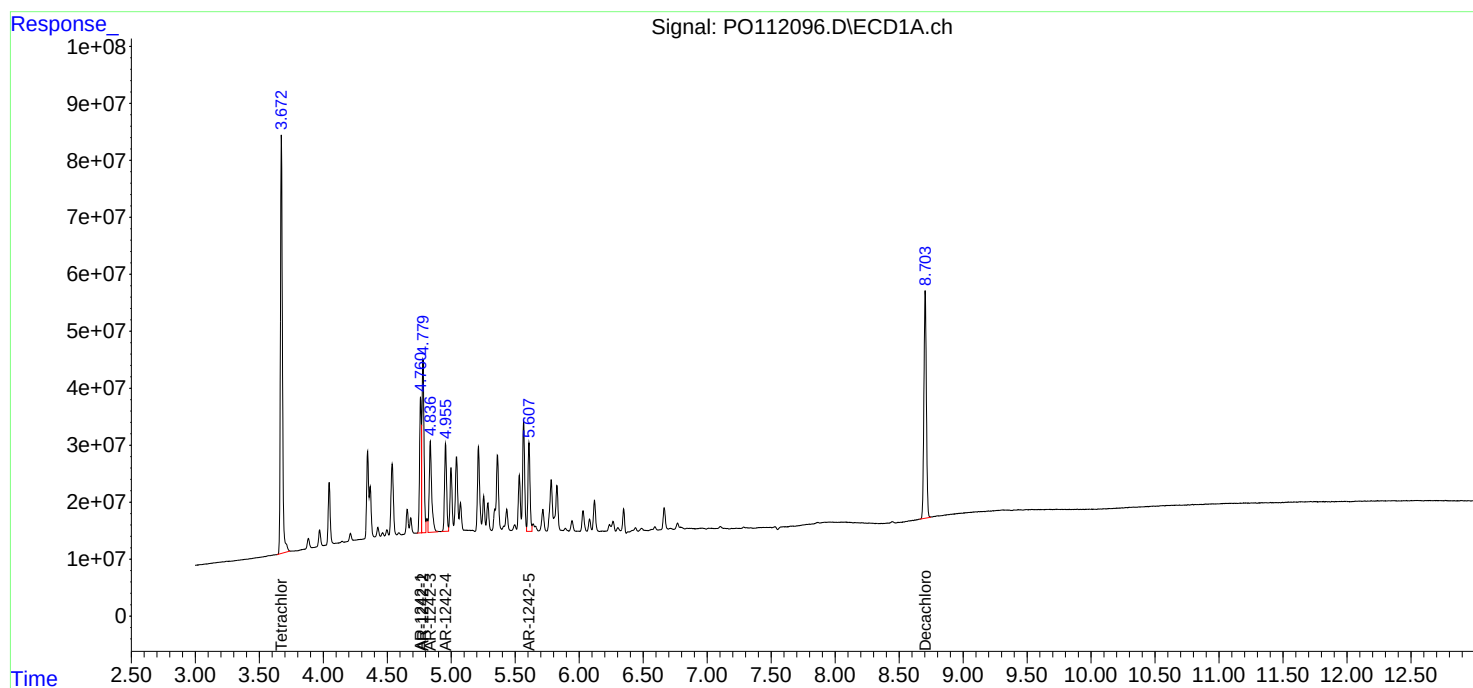
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112096.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:34
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:30:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112097.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 16:52
 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: Jul 09 02:30:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:27:13 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...	3.672	3.666	526.9E6	336.5E6	50.000	50.000
2)	SA Decachlor...	8.703	8.650	358.1E6	89986417	50.000	50.000
Target Compounds							
16)	L4 AR-1242-1	4.760	4.742	151.3E6	98077221	500.000	500.000
17)	L4 AR-1242-2	4.778	4.760	224.8E6	144.4E6	500.000	500.000
18)	L4 AR-1242-3	4.835	4.936	143.7E6	75006072	500.000	500.000
19)	L4 AR-1242-4	4.955	5.020	115.9E6	71812102	500.000	500.000
20)	L4 AR-1242-5	5.607	5.540	112.3E6	93535709	500.000	500.000

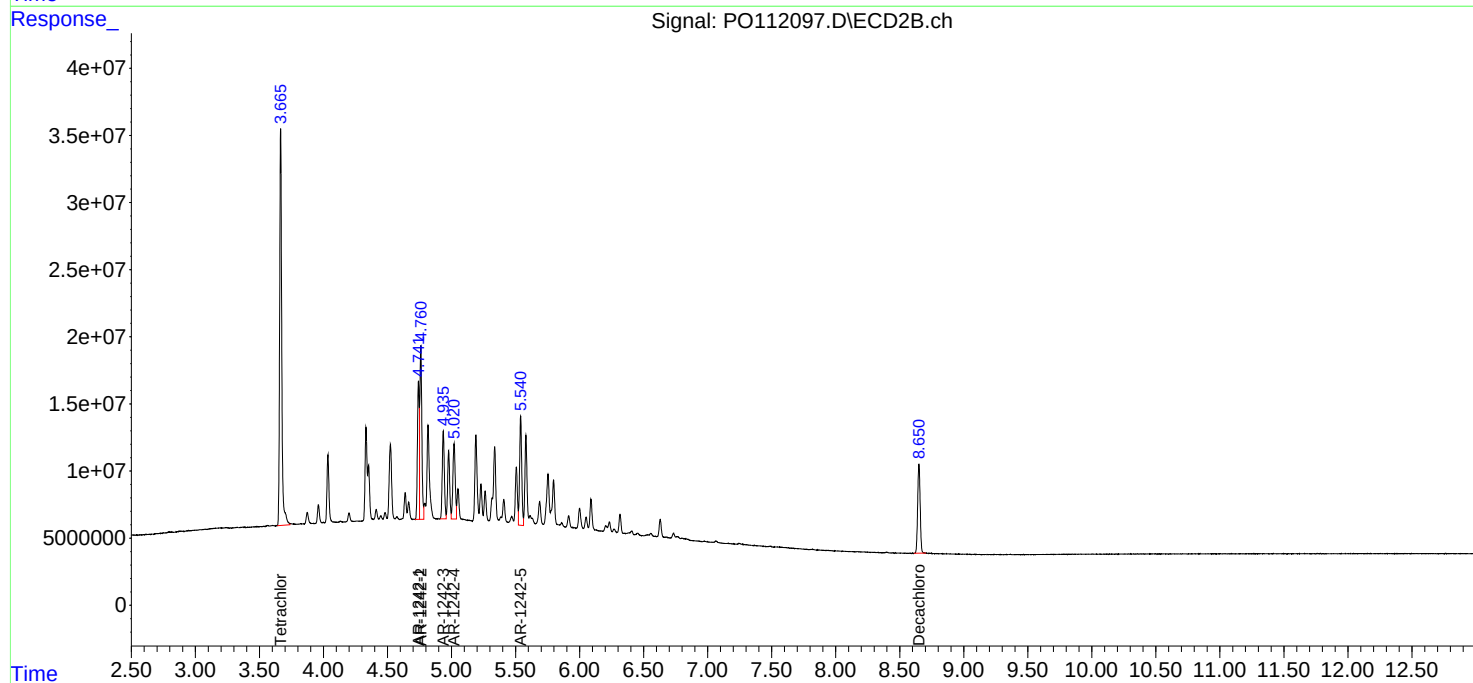
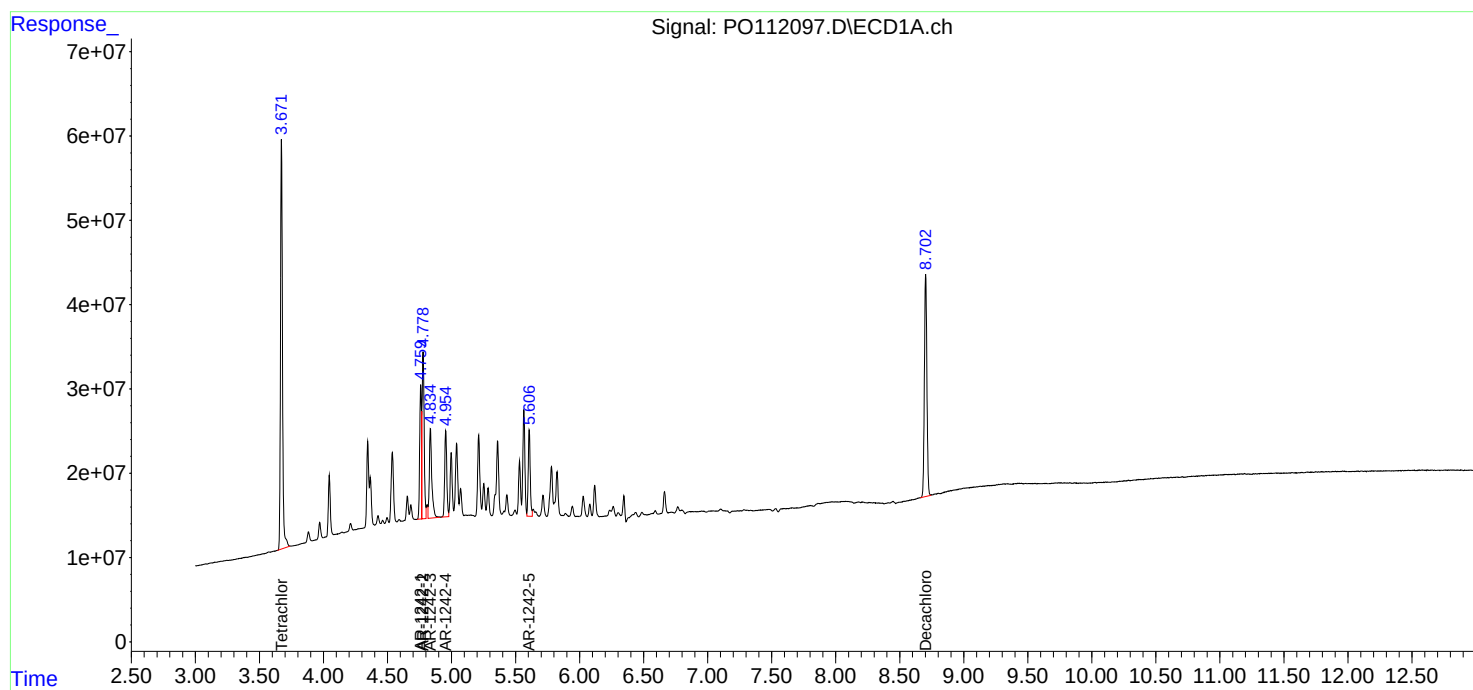
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 16:52
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: Jul 09 02:30:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112098.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 17:11
 Operator : YP/AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:31:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:27:13 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	3.667	263.1E6	169.2E6	24.966	25.134
2) SA Decachlor...	8.703	8.650	178.3E6	46660840	24.893	25.927
Target Compounds						
16) L4 AR-1242-1	4.761	4.744	75657146	51480221	250.034	262.447
17) L4 AR-1242-2	4.780	4.762	112.0E6	74327588	249.114	257.374
18) L4 AR-1242-3	4.837	4.937	72112951	38588282	250.935	257.234
19) L4 AR-1242-4	4.957	5.021	58094987	37459928	250.682	260.819
20) L4 AR-1242-5	5.608	5.541	57886671	49852424	257.821	266.489

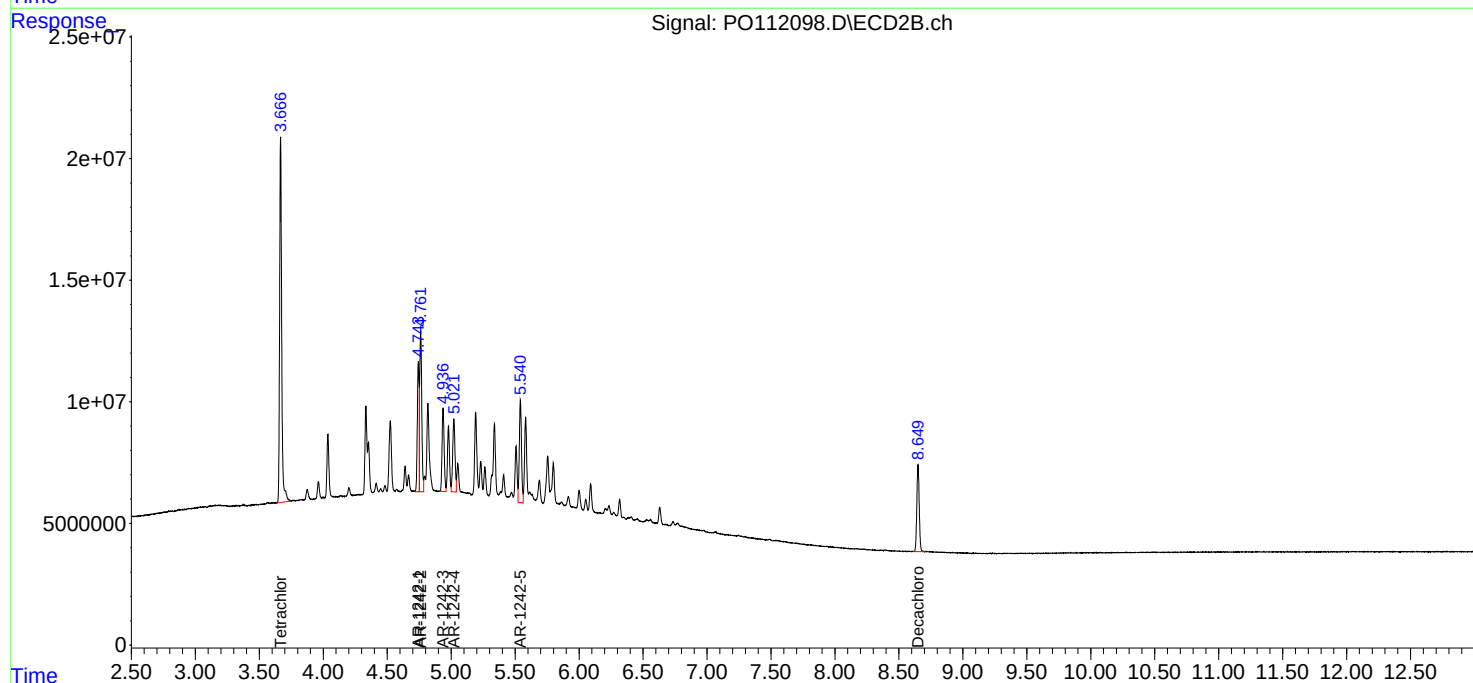
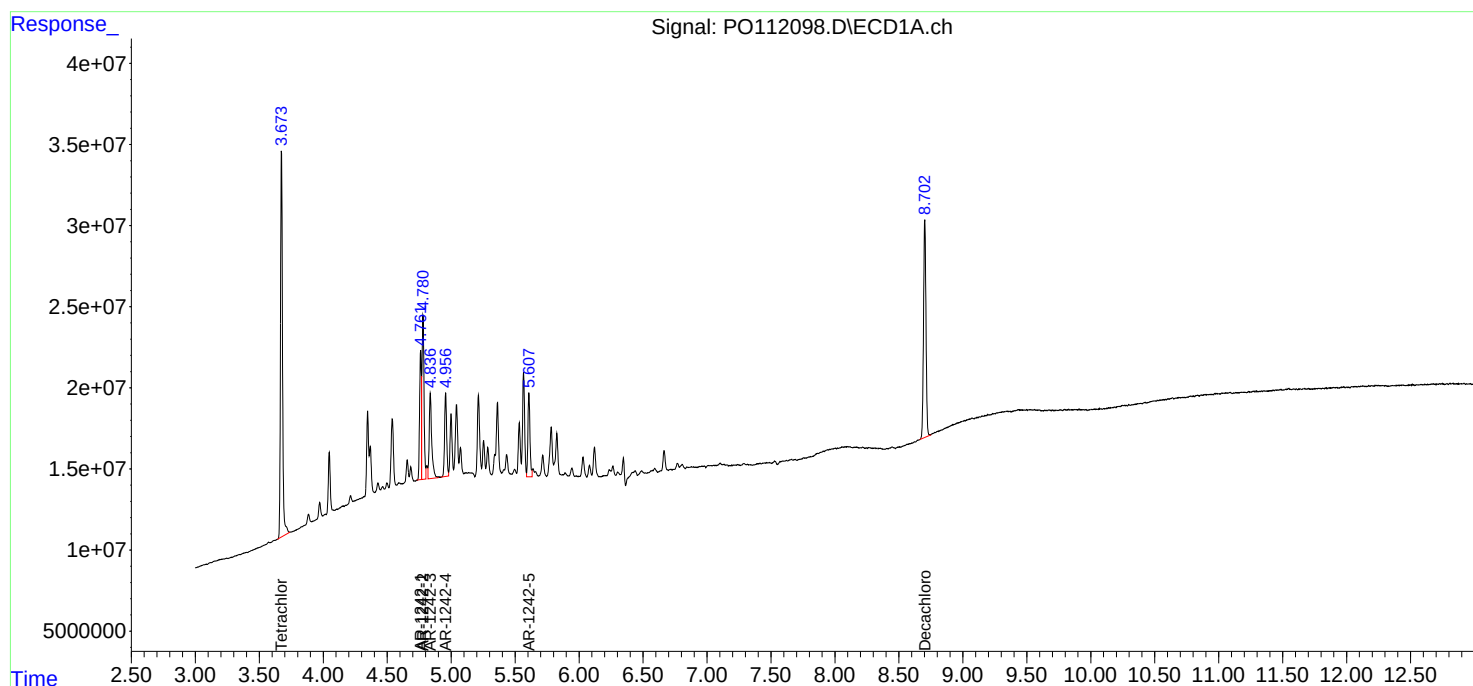
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112098.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:11
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112099.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 17:29
 Operator : YP/AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:31:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:27:13 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...	3.673	3.666	42912716	27696407	4.072	4.115
2) SA Decachlor...	8.704	8.650	28291682	78999910	3.950	4.390
Target Compounds						
16) L4 AR-1242-1	4.761	4.743	12609363	9619088	41.672	49.038
17) L4 AR-1242-2	4.780	4.761	17776215	13881256	39.541	48.067
18) L4 AR-1242-3	4.837	4.937	12004480	6736786	41.773	44.908
19) L4 AR-1242-4	4.957	5.021	10638220	7029005	45.904	48.940
20) L4 AR-1242-5	5.608	5.541	7571568	8542753	33.723m	45.666m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112099.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:29
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

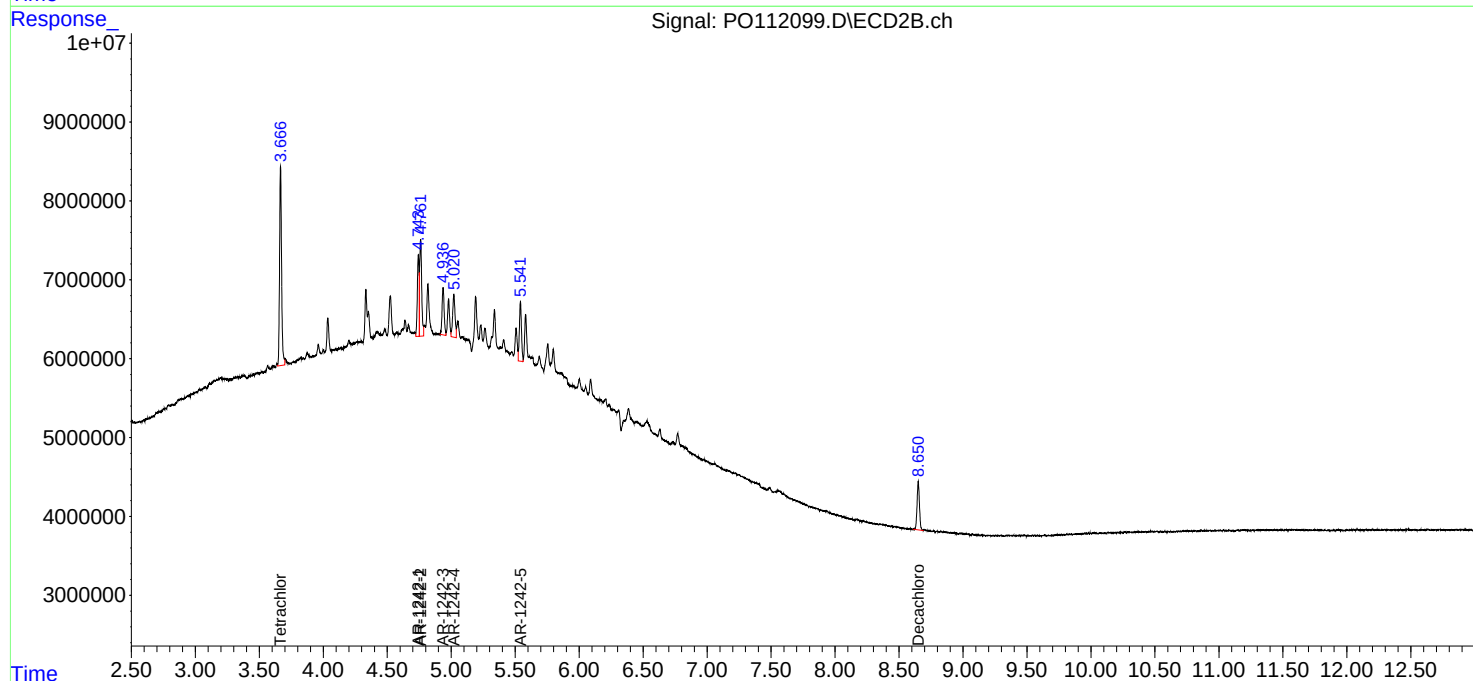
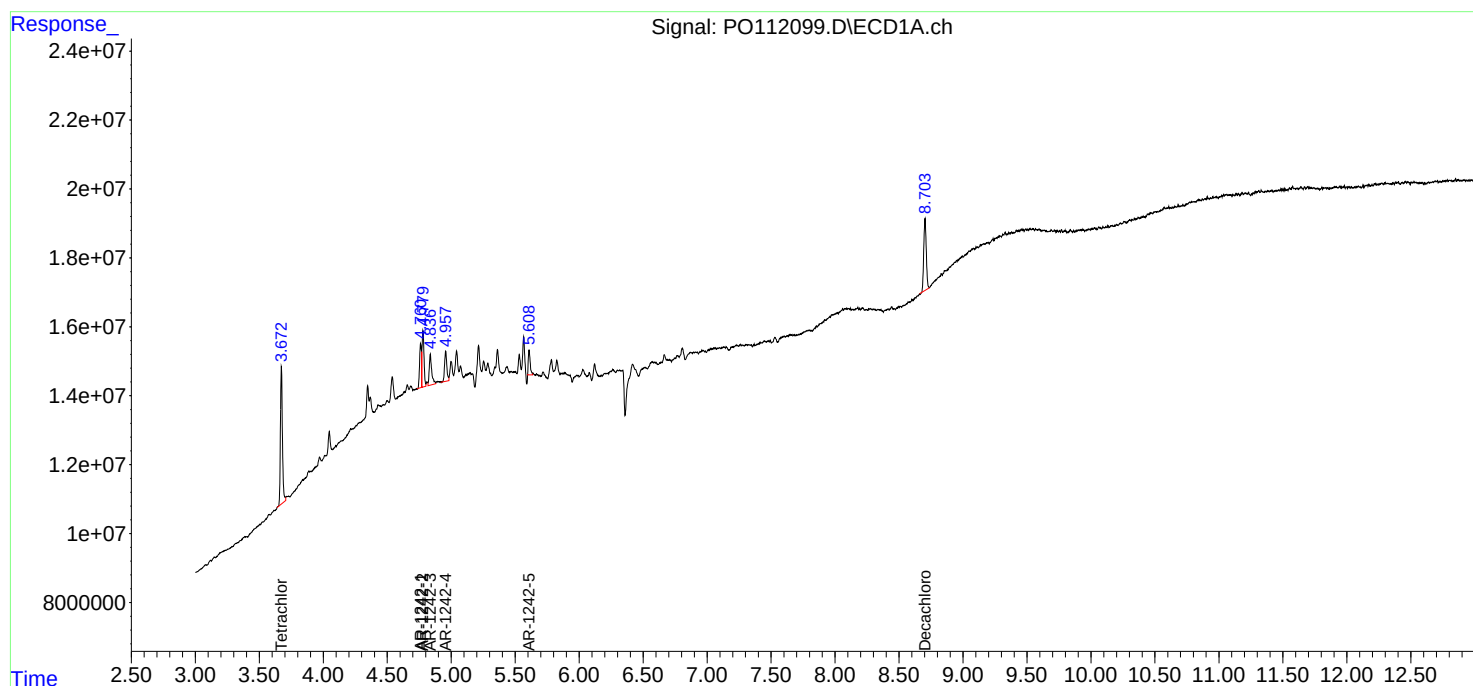
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:31:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:27:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112100.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 17:48
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:45:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:41:59 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...	3.672	3.666	1096.6E6	692.2E6	104.113	104.038
2) SA Decachlor...	8.704	8.650	716.5E6	174.1E6	98.706	94.881
Target Compounds						
21) L5 AR-1248-1	4.760	4.743	231.9E6	148.4E6	1018.654	991.552
22) L5 AR-1248-2	4.999	4.978	312.2E6	200.2E6	1016.179	985.440
23) L5 AR-1248-3	5.213	5.020	394.9E6	210.9E6	1005.052	990.919
24) L5 AR-1248-4	5.566	5.190	577.1E6	249.5E6	1002.758	984.112
25) L5 AR-1248-5	5.607	5.581	391.1E6	244.4E6	1001.154	973.721

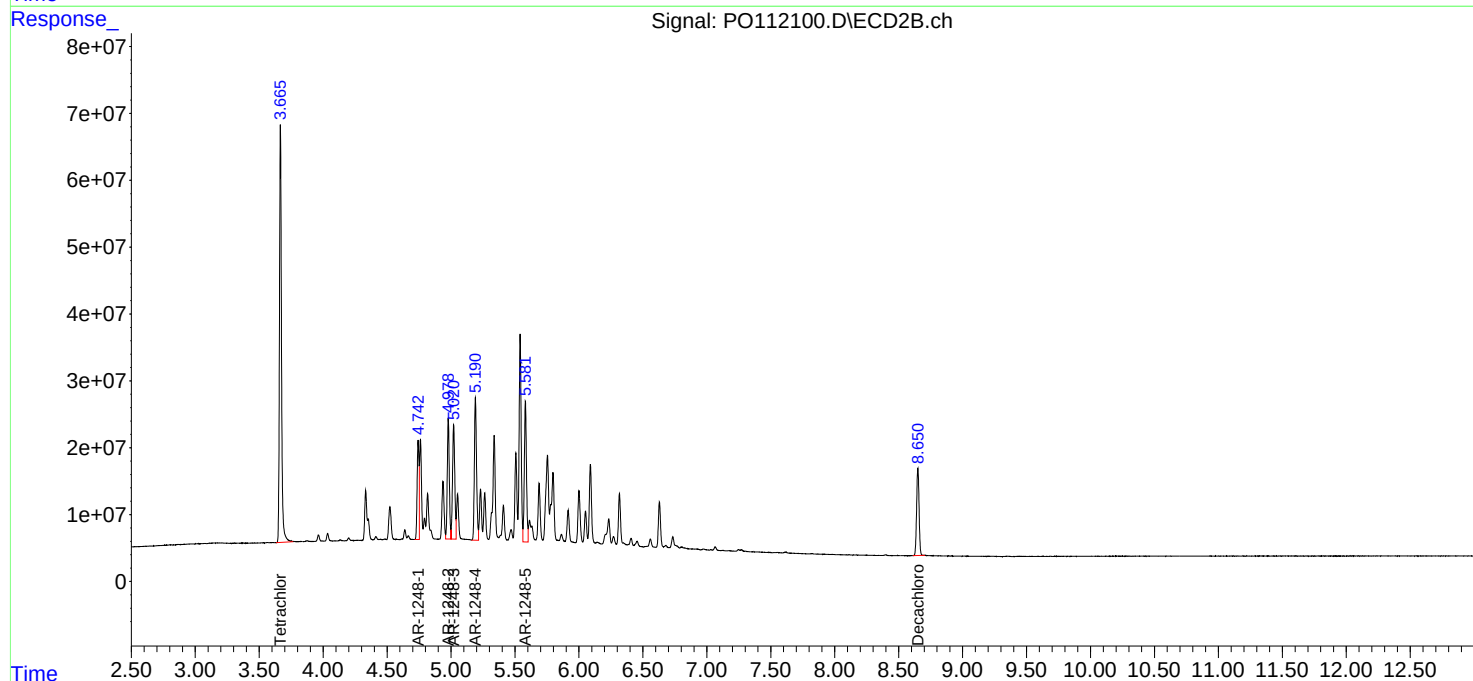
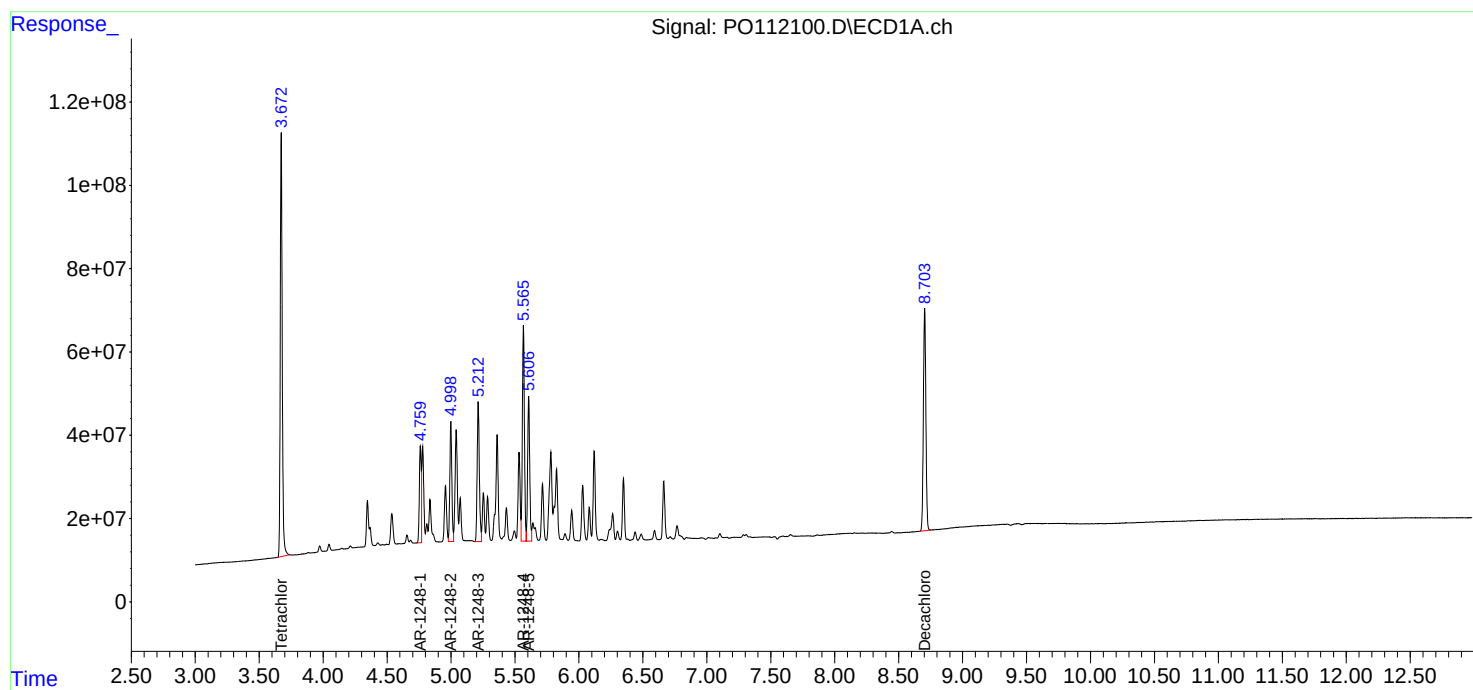
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112100.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 17:48
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 18:05
 Operator : YP/AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:45:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:41:59 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...	3.671	3.666	800.2E6	504.2E6	75.968	75.785
2) SA Decachlor...	8.700	8.649	537.9E6	133.0E6	74.111	72.476
Target Compounds						
21) L5 AR-1248-1	4.758	4.742	170.5E6	110.1E6	748.923	735.697
22) L5 AR-1248-2	4.996	4.978	229.4E6	148.7E6	746.494	731.979
23) L5 AR-1248-3	5.211	5.020	293.7E6	156.3E6	747.424	734.330
24) L5 AR-1248-4	5.564	5.190	429.4E6	184.7E6	746.110	728.503
25) L5 AR-1248-5	5.605	5.580	293.6E6	182.5E6	751.479	727.317

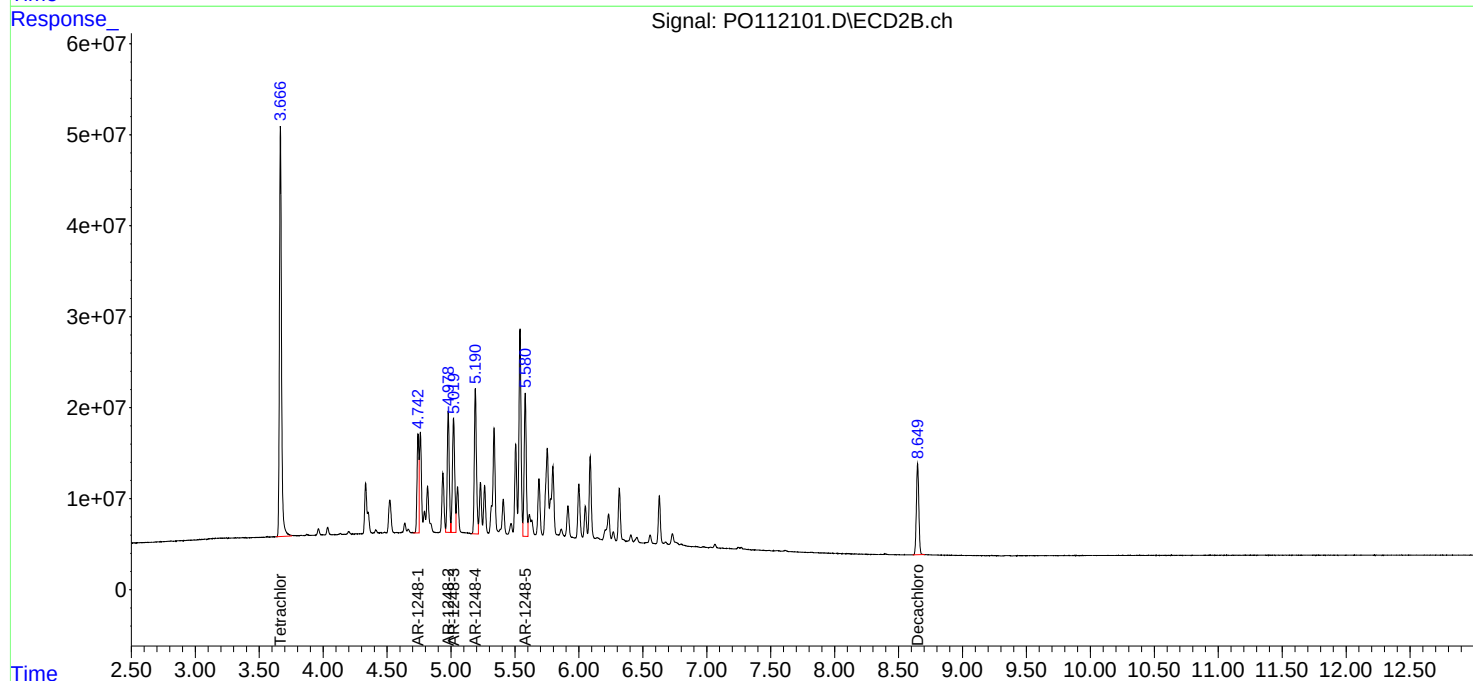
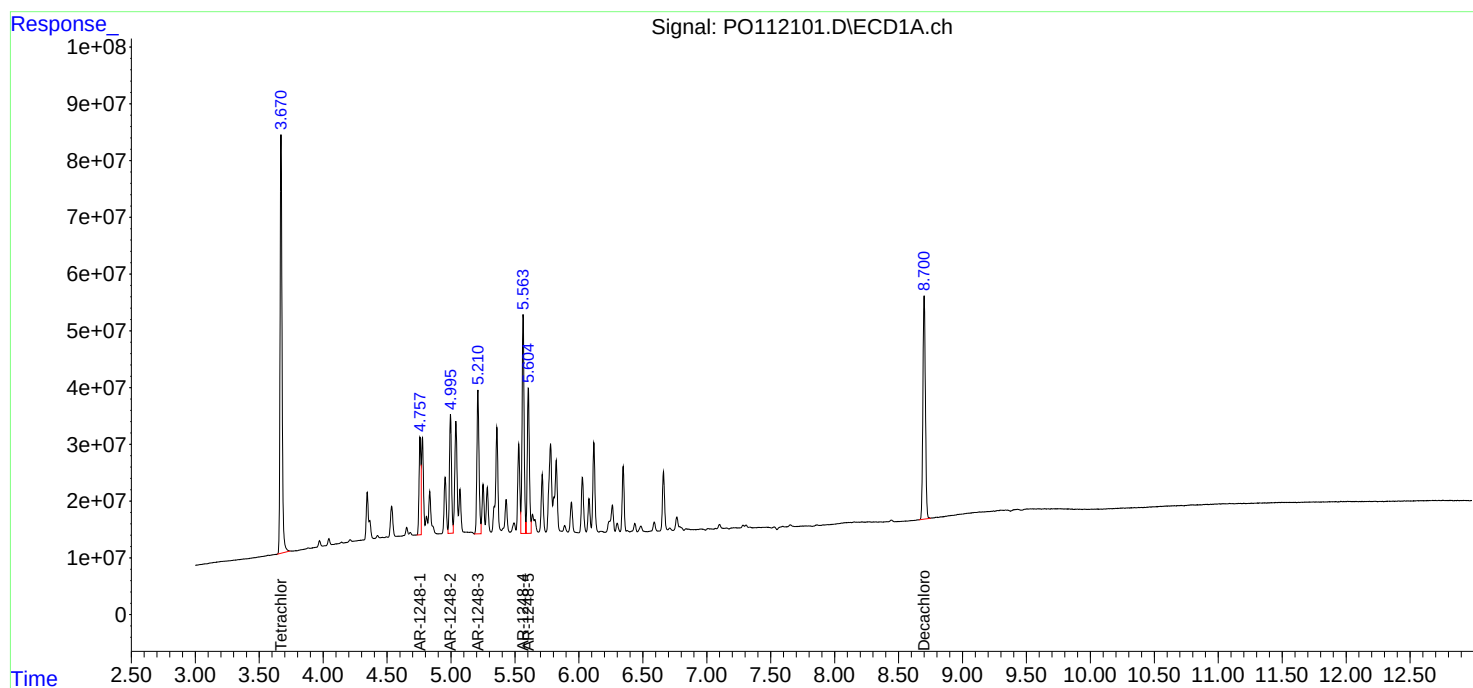
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:05
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112102.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 18:24
 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: Jul 09 02:45:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:41:59 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	3.667	526.7E6	332.7E6	50.000	50.000
2) SA Decachlor...	8.702	8.650	362.9E6	91746330	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	4.761	4.744	113.8E6	74818775	500.000	500.000
22) L5 AR-1248-2	5.000	4.980	153.6E6	101.6E6	500.000	500.000
23) L5 AR-1248-3	5.214	5.021	196.5E6	106.4E6	500.000	500.000
24) L5 AR-1248-4	5.568	5.192	287.8E6	126.8E6	500.000	500.000
25) L5 AR-1248-5	5.609	5.582	195.3E6	125.5E6	500.000	500.000

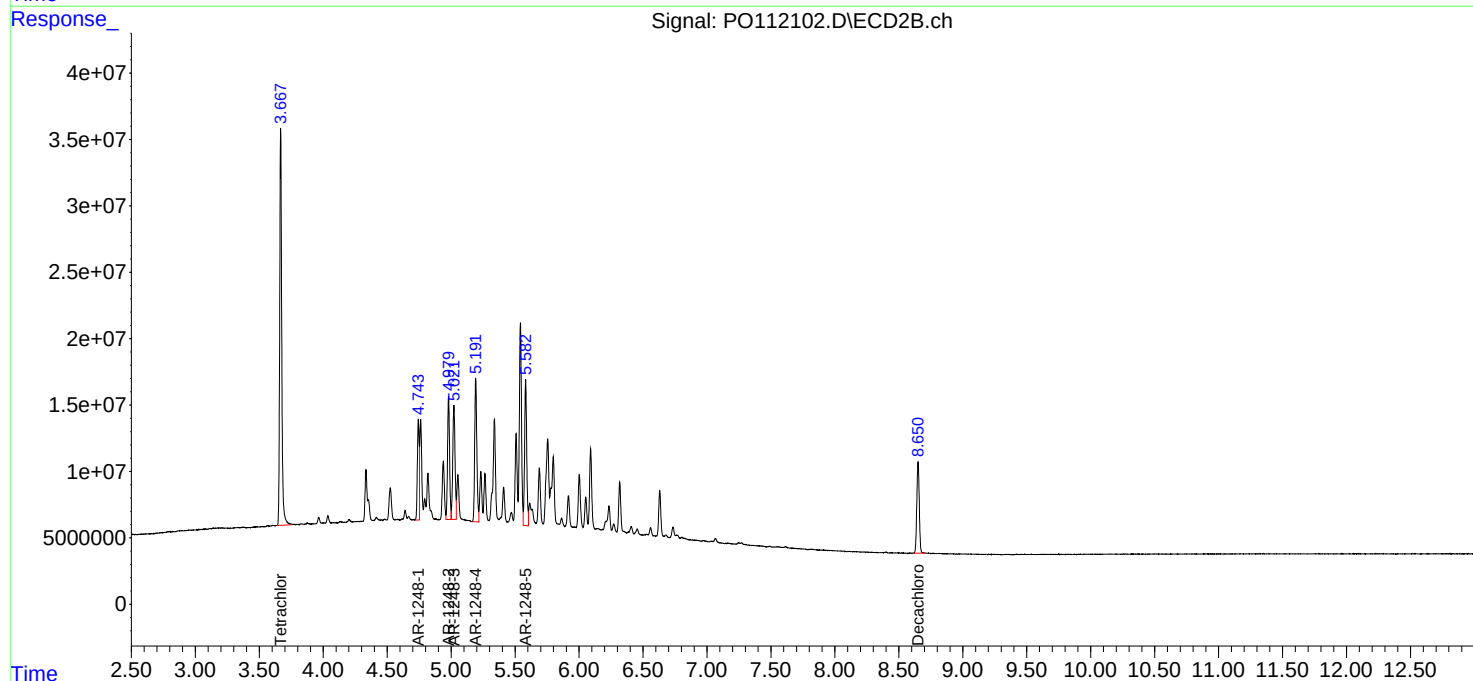
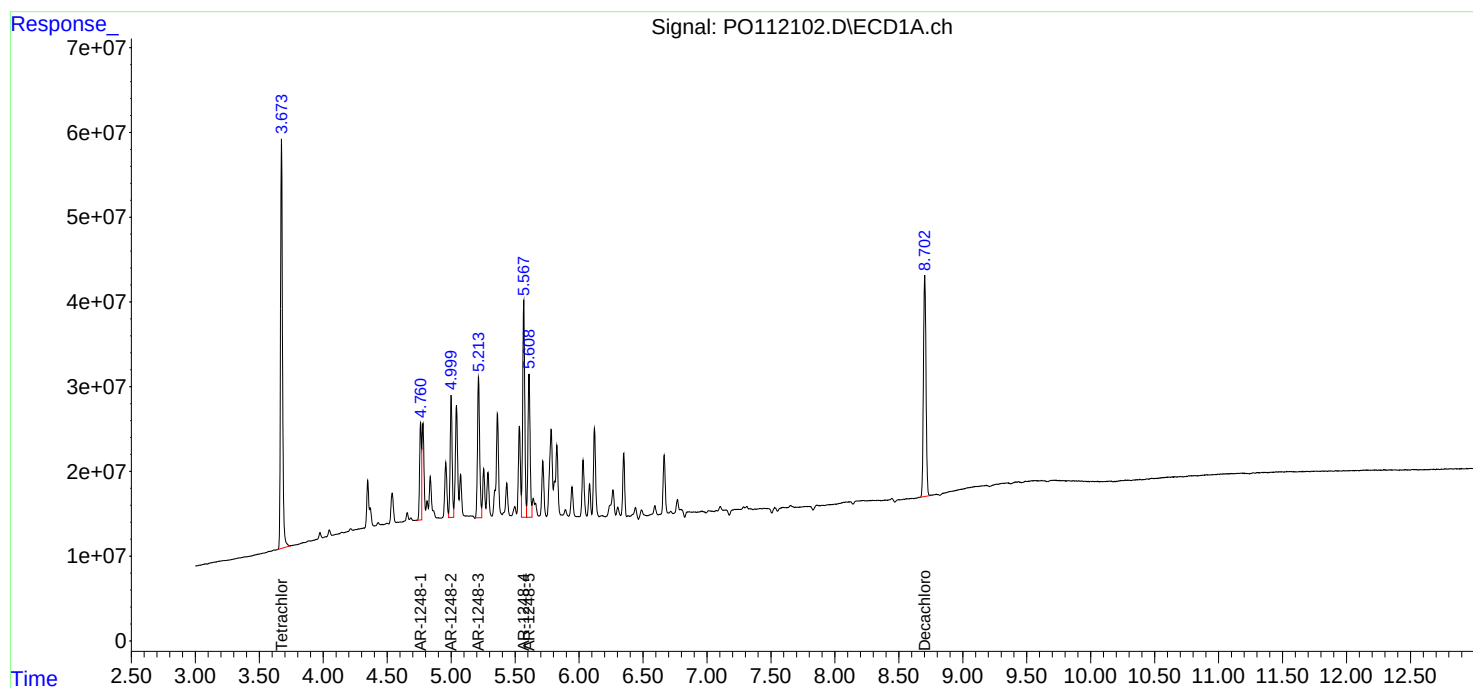
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112102.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:24
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: Jul 09 02:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112103.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 18:41
 Operator : YP/AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:45:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:41:59 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...	3.671	3.666	291.9E6	186.4E6	27.709	28.020
2) SA Decachlor...	8.702	8.649	189.2E6	49988120	26.067	27.243
Target Compounds						
21) L5 AR-1248-1	4.759	4.742	62843351	43399528	276.083	290.031
22) L5 AR-1248-2	4.997	4.978	87401333	57560333	284.458	283.377
23) L5 AR-1248-3	5.211	5.020	114.9E6	60695146	292.428	285.244
24) L5 AR-1248-4	5.565	5.190	153.8E6	74439996	267.224	293.627
25) L5 AR-1248-5	5.606	5.581	108.9E6	74875919	278.783	298.326

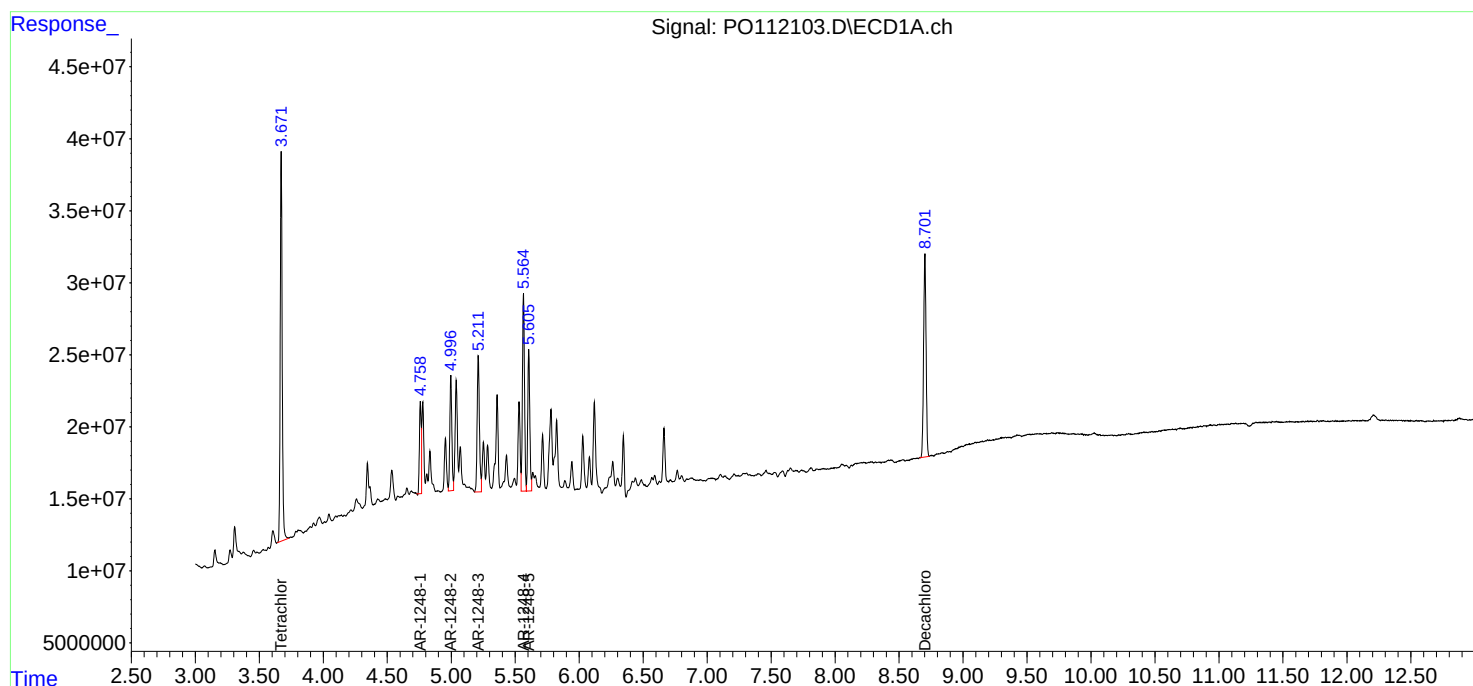
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
Data File : P0112103.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:41
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112104.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 18:59
 Operator : YP/AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 02:45:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 02:41:59 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...	3.673	3.666	43320523	27979420	4.113	4.205
2) SA Decachlor...	8.703	8.650	29248819	7966074	4.030	4.341
Target Compounds						
21) L5 AR-1248-1	4.761	4.742	9816500	7672405	43.126	51.273
22) L5 AR-1248-2	4.999	4.979	13335961	9853335	43.403	48.509
23) L5 AR-1248-3	5.213	5.020	19880304	9961976	50.597	46.817
24) L5 AR-1248-4	5.567	5.191	27262638	12330568	47.367	48.638m
25) L5 AR-1248-5	5.608	5.581	17126268	10723520	43.835	42.725m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
Data File : P0112104.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 18:59
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

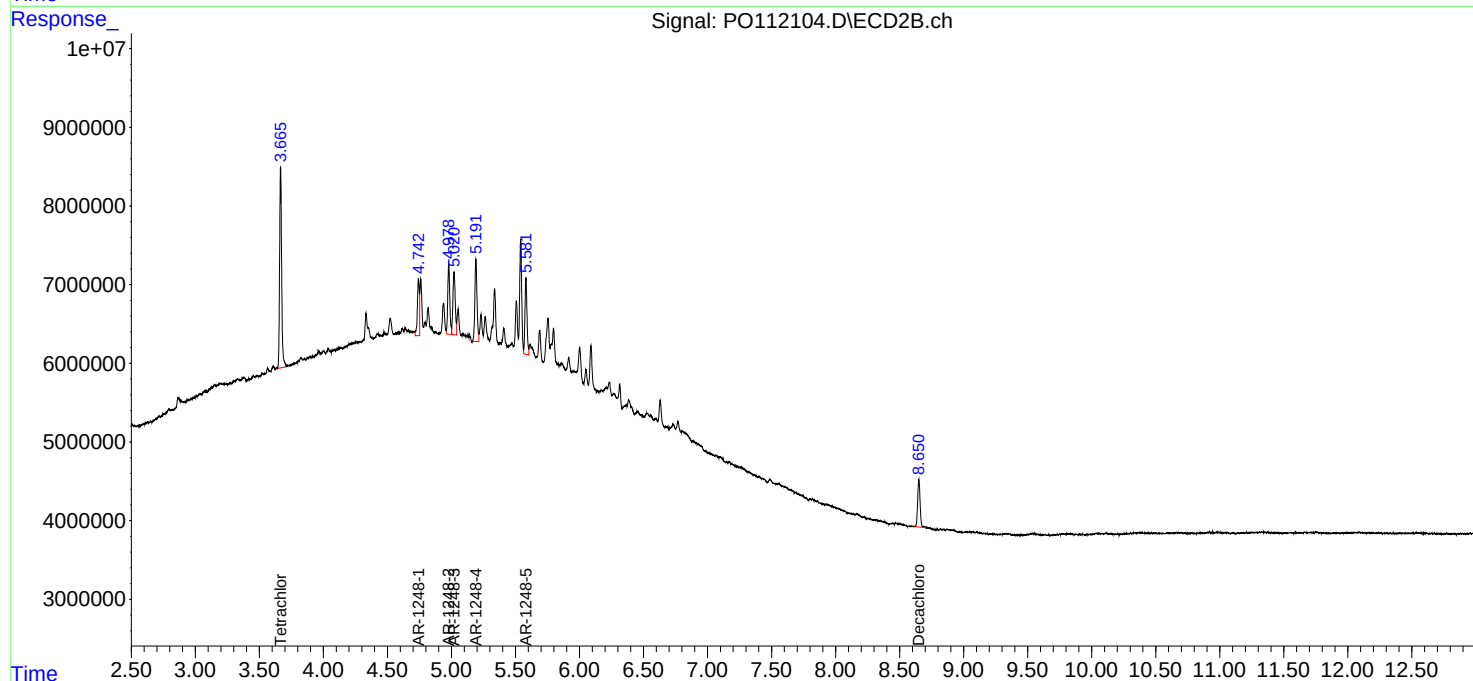
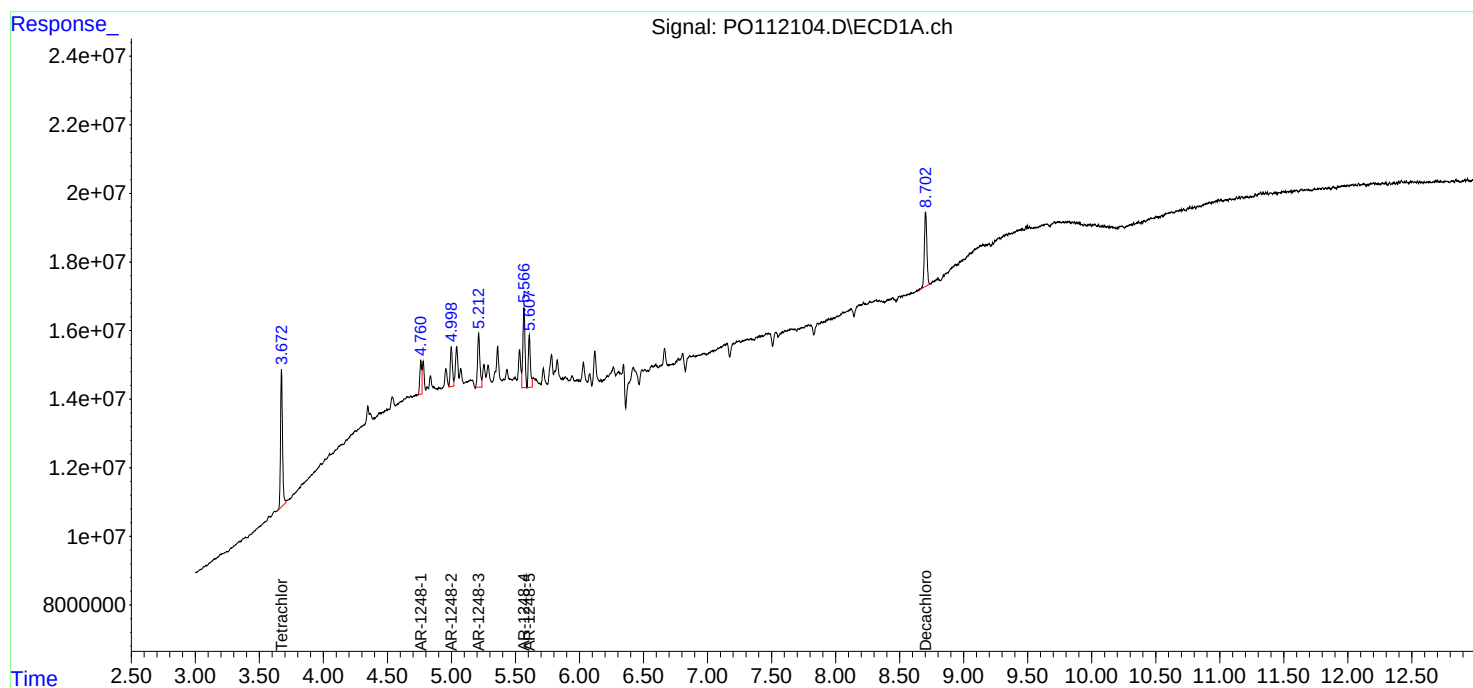
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 02:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 02:41:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112105.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 19:18
 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: Jul 09 03:13:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:10:24 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	3.666	1081.7E6	681.3E6	100.629	100.324
2) SA Decachlor...	8.704	8.651	731.3E6	176.2E6	97.187	95.129
Target Compounds						
26) L6 AR-1254-1	5.567	5.542	596.4E6	358.7E6	968.859	952.427
27) L6 AR-1254-2	5.716	5.689	526.6E6	309.3E6	978.251	948.939
28) L6 AR-1254-3	6.120	6.090	832.4E6	457.0E6	985.524	970.955
29) L6 AR-1254-4	6.349	6.317	488.3E6	242.7E6	924.821	917.706
30) L6 AR-1254-5	6.769	6.735	772.8E6	340.9E6	976.309	957.333

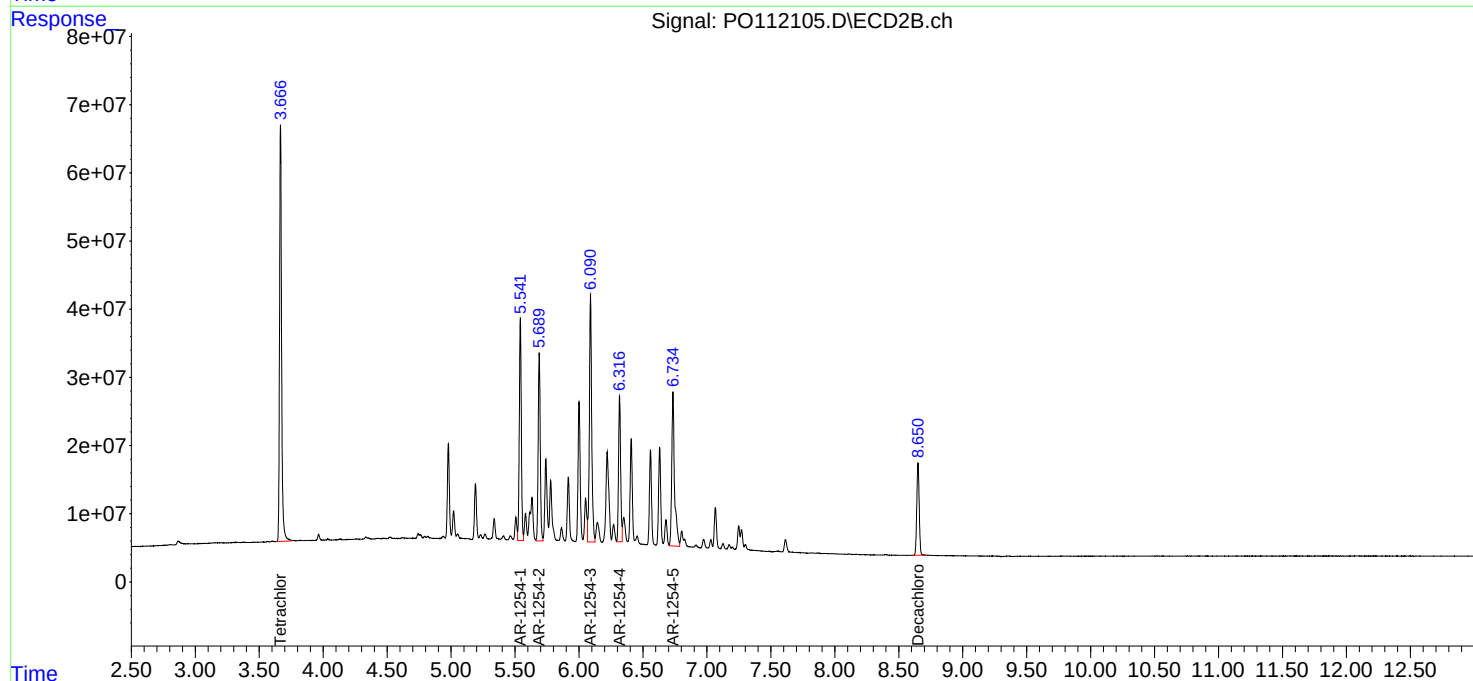
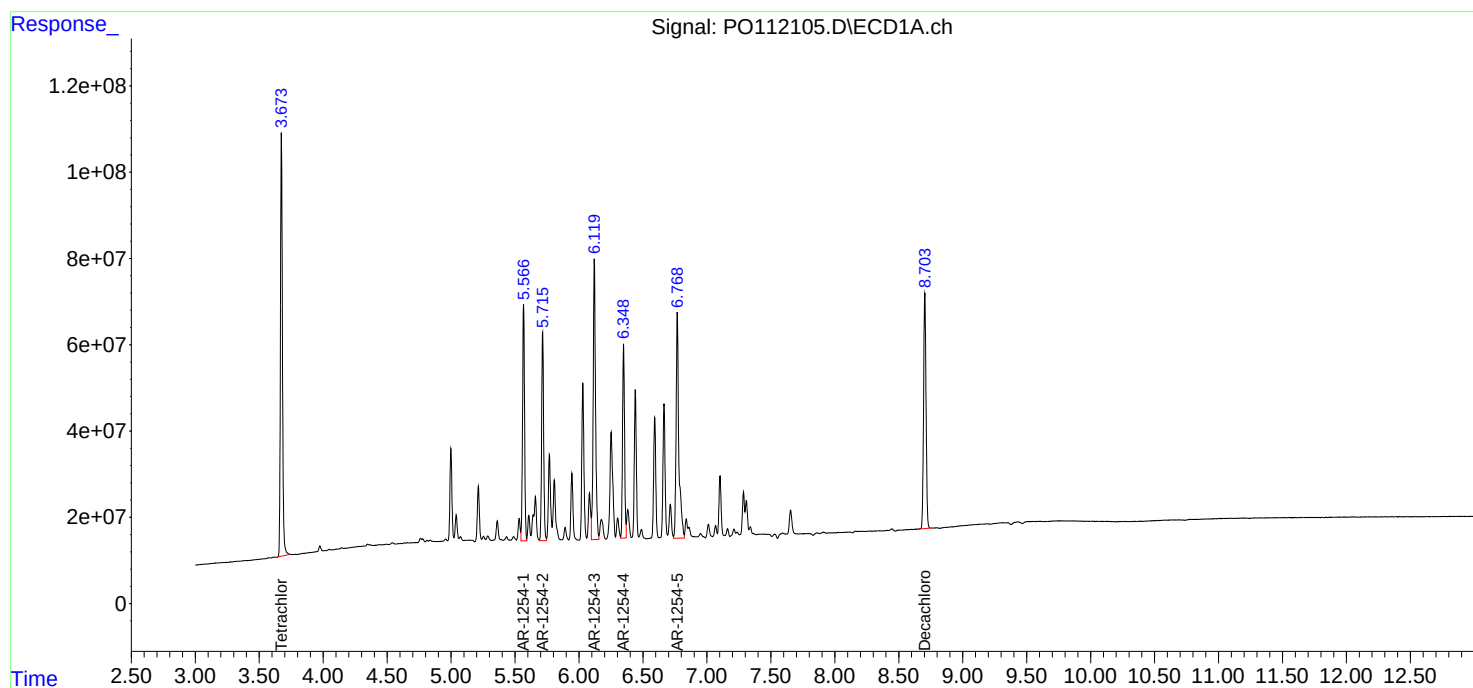
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112105.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:18
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: Jul 09 03:13:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 19:35
 Operator : YP/AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:13:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:10:24 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...	3.671	3.666	822.8E6	521.0E6	76.536	76.717
2) SA Decachlor...	8.701	8.649	552.3E6	135.1E6	73.395	72.926
Target Compounds						
26) L6 AR-1254-1	5.564	5.541	461.5E6	279.3E6	749.690	741.534
27) L6 AR-1254-2	5.714	5.689	406.1E6	238.9E6	754.357	732.842
28) L6 AR-1254-3	6.118	6.090	636.3E6	355.1E6	753.353	754.409
29) L6 AR-1254-4	6.347	6.317	412.9E6	198.3E6	782.017	749.977
30) L6 AR-1254-5	6.767	6.733	589.5E6	261.7E6	744.724	734.939

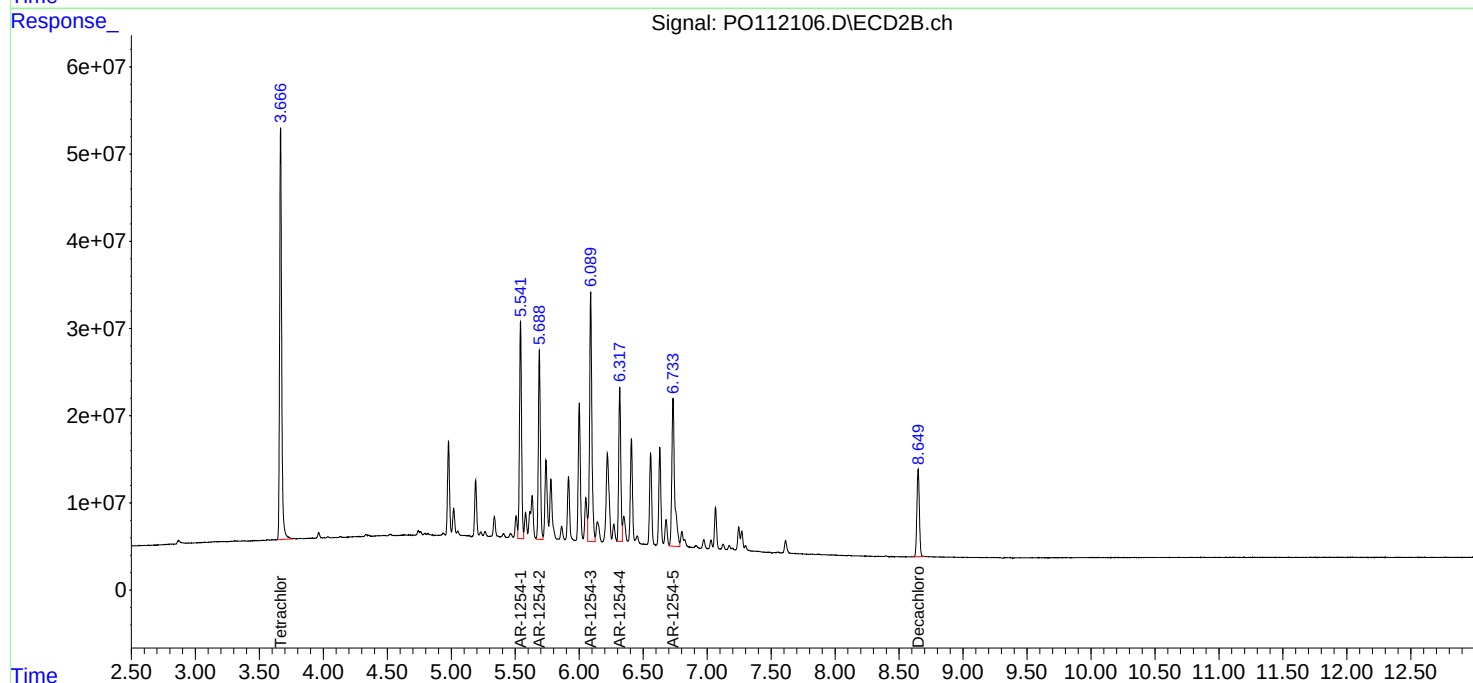
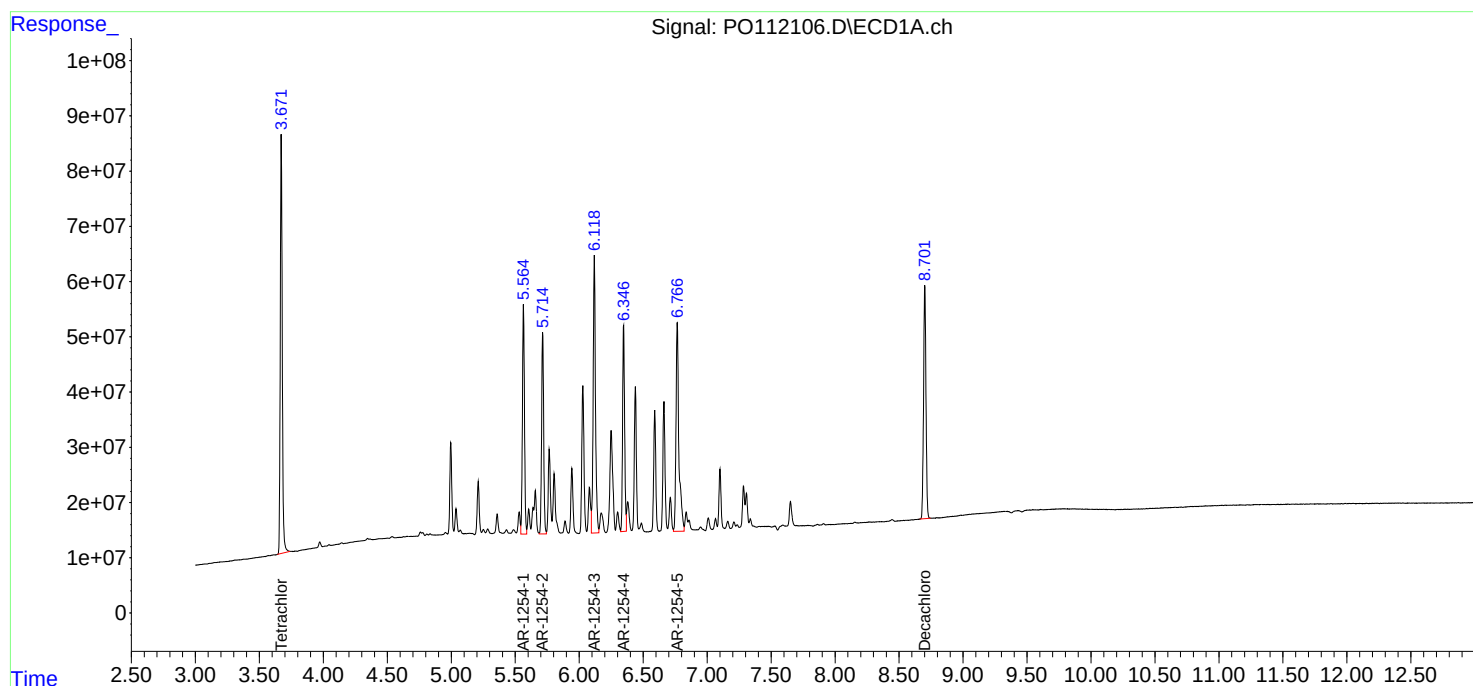
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112106.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:35
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112107.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 19:54
 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: Jul 09 03:13:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:10:24 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...	3.673	3.666	537.5E6	339.5E6	50.000	50.000
2) SA Decachlor...	8.702	8.649	376.2E6	92613439	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	5.566	5.541	307.8E6	188.3E6	500.000	500.000
27) L6 AR-1254-2	5.715	5.689	269.2E6	163.0E6	500.000	500.000
28) L6 AR-1254-3	6.119	6.090	422.3E6	235.4E6	500.000	500.000
29) L6 AR-1254-4	6.348	6.317	264.0E6	132.2E6	500.000	500.000
30) L6 AR-1254-5	6.767	6.733	395.8E6	178.0E6	500.000	500.000

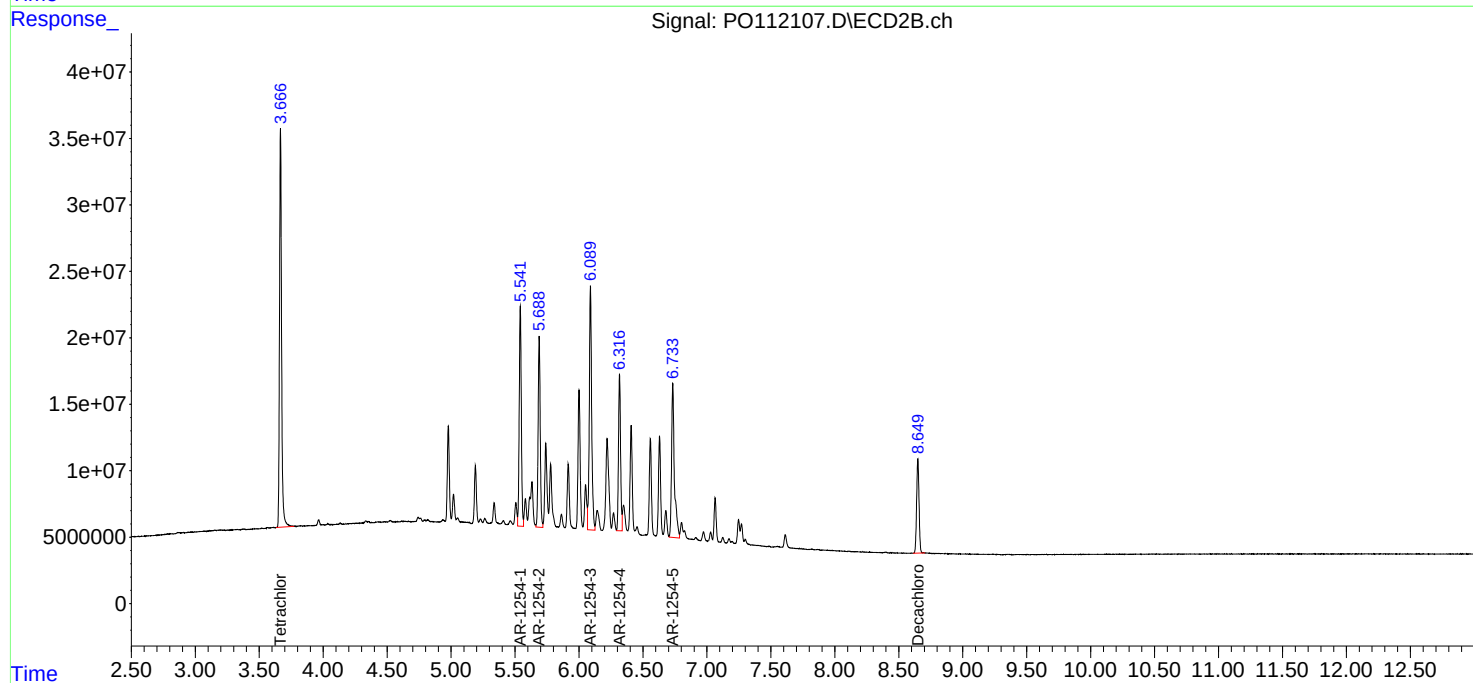
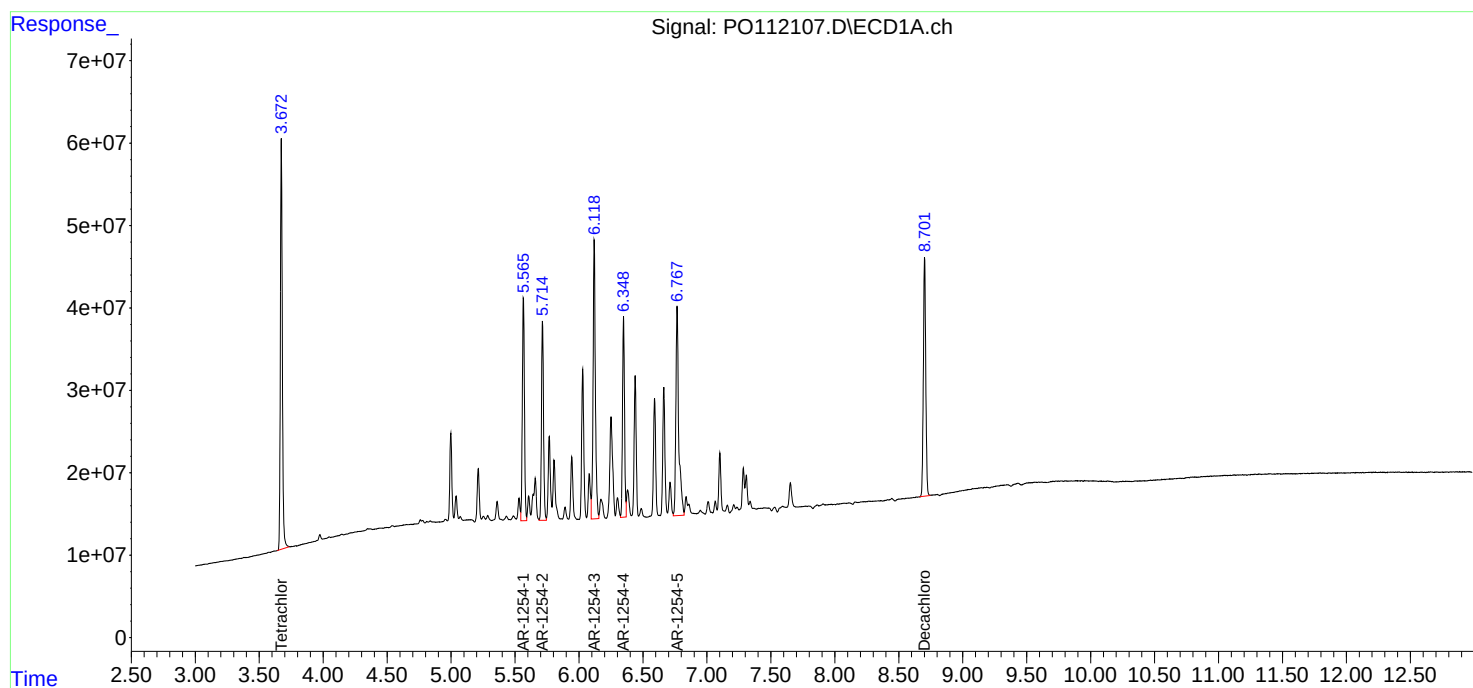
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112107.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 19:54
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: Jul 09 03:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112108.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 20:11
 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: Jul 09 03:13:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:10:24 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...	3.672	3.666	272.9E6	171.8E6	25.384	25.306
2) SA Decachlor...	8.702	8.649	190.5E6	47874492	25.314	25.846
Target Compounds						
26) L6 AR-1254-1	5.565	5.541	157.8E6	101.2E6	256.353	268.788
27) L6 AR-1254-2	5.714	5.688	138.2E6	87586236	256.712	268.700
28) L6 AR-1254-3	6.117	6.089	215.5E6	124.2E6	255.127	263.865
29) L6 AR-1254-4	6.346	6.317	128.5E6	68432623	243.355	258.758
30) L6 AR-1254-5	6.766	6.733	201.3E6	93511862	254.294	262.638

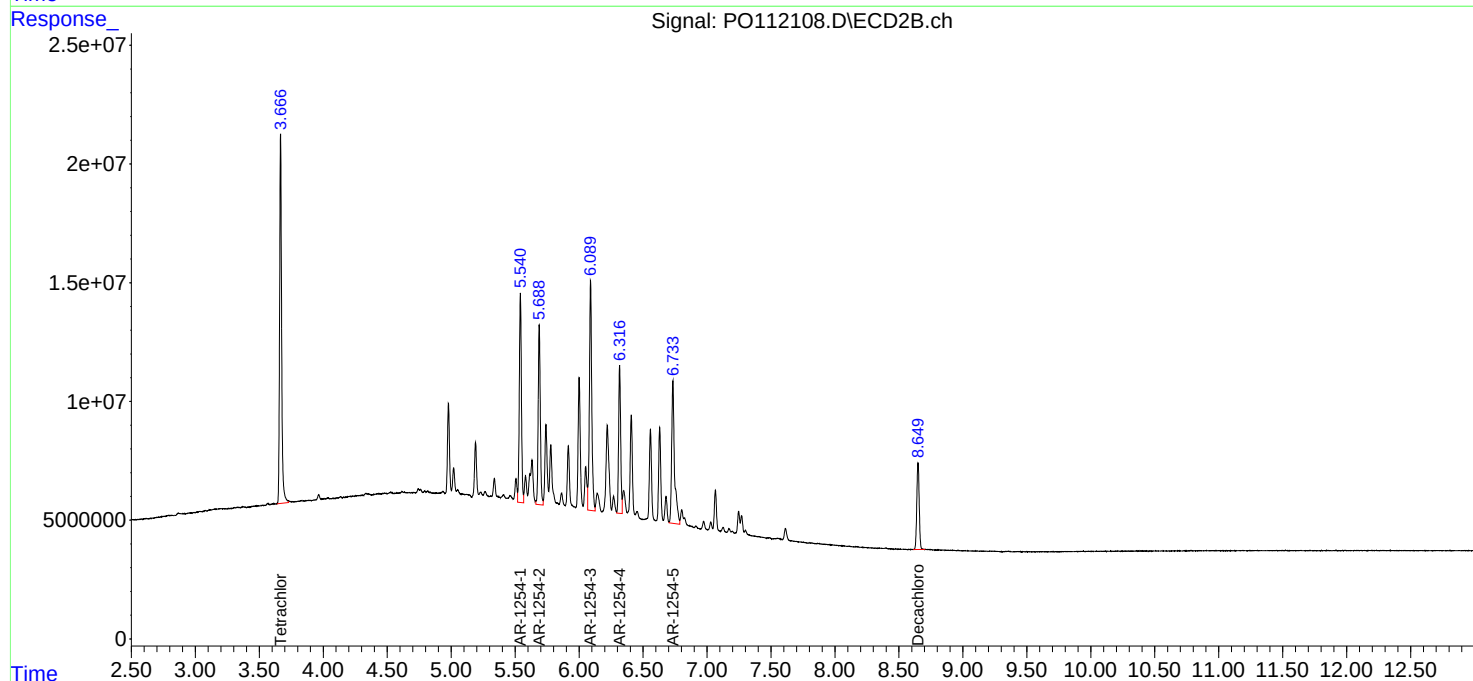
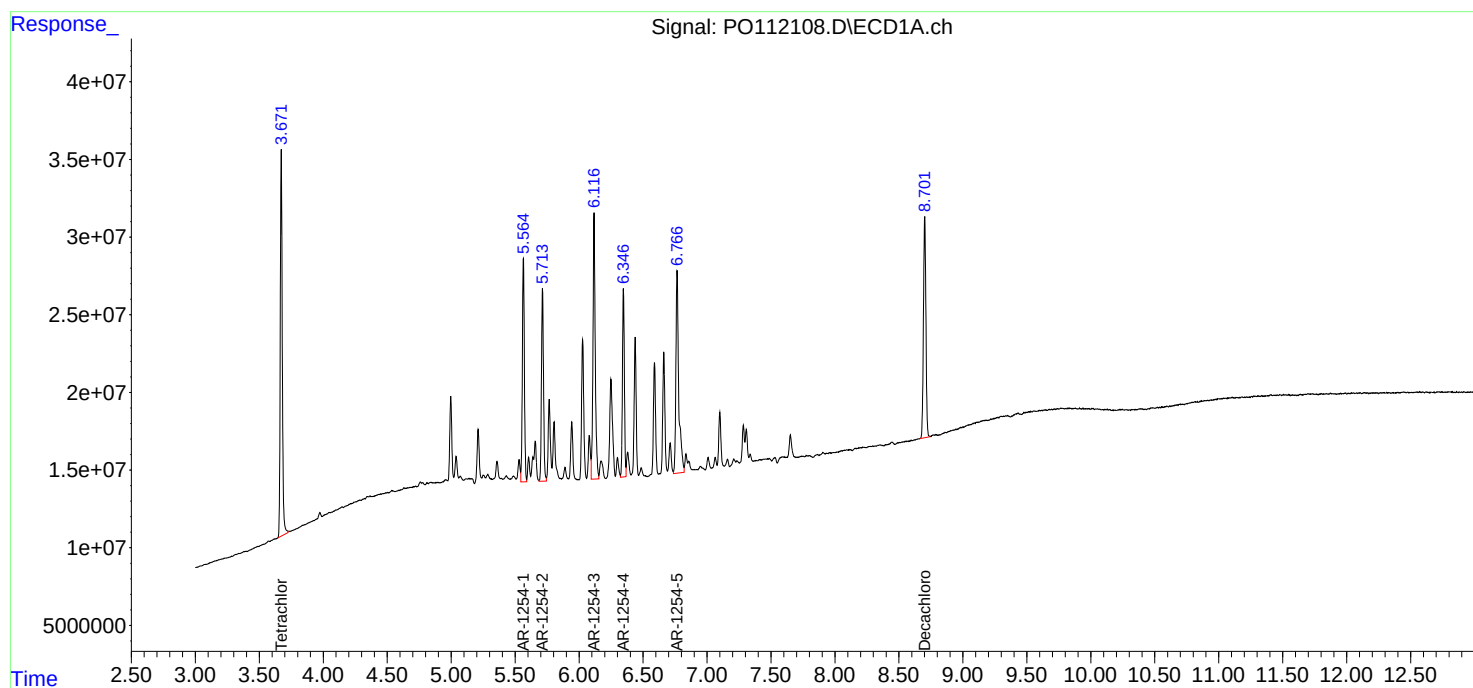
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112108.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:11
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: Jul 09 03:13:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0070825\
 Data File : P0112109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 20:28
 Operator : YP/AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:13:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:10:24 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...	3.672	3.666	45533046	29689581	4.236	4.372
2)	SA Decachlor...	8.701	8.650	32557073	8527820	4.327	4.604
Target Compounds							
26)	L6 AR-1254-1	5.565	5.540	30856160	19661689	50.127	52.206m
27)	L6 AR-1254-2	5.714	5.688	25962033	17746073	48.227	54.442m
28)	L6 AR-1254-3	6.118	6.089	40531096	25609316	47.989	54.406
29)	L6 AR-1254-4	6.345	6.316	16204940	12905837	30.688m	48.800 #
30)	L6 AR-1254-5	6.765	6.733	35718880	18096474	45.127	50.826

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO070825\
Data File : PO112109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:28
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

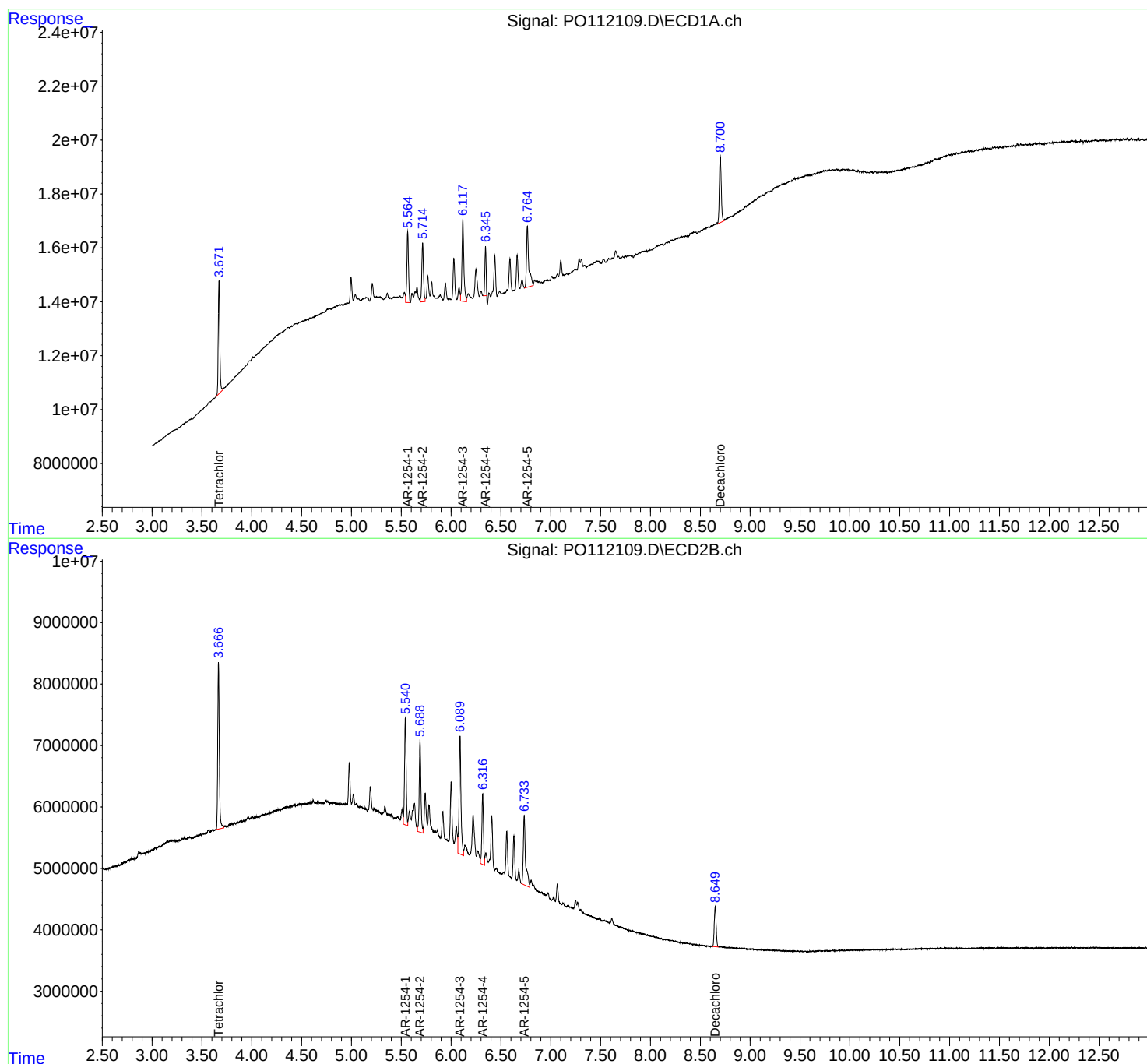
Instrument :
ECD_0
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:13:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:10:24 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112110.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 20:47
 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: Jul 09 03:29:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:25:20 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...	3.672	3.666	525.8E6	329.4E6	50.000	50.000
2) SA Decachlor...	8.703	8.651	370.9E6	90608483	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	6.807	6.772	510.8E6	203.7E6	500.000	500.000
37) L8 AR-1262-2	7.310	7.272	819.7E6	256.3E6	500.000	500.000
38) L8 AR-1262-3	7.592	7.554	321.0E6	89762034	500.000	500.000
39) L8 AR-1262-4	7.657	7.618	535.7E6	145.5E6	500.000	500.000
40) L8 AR-1262-5	8.153	8.110	224.1E6	52891763	500.000	500.000

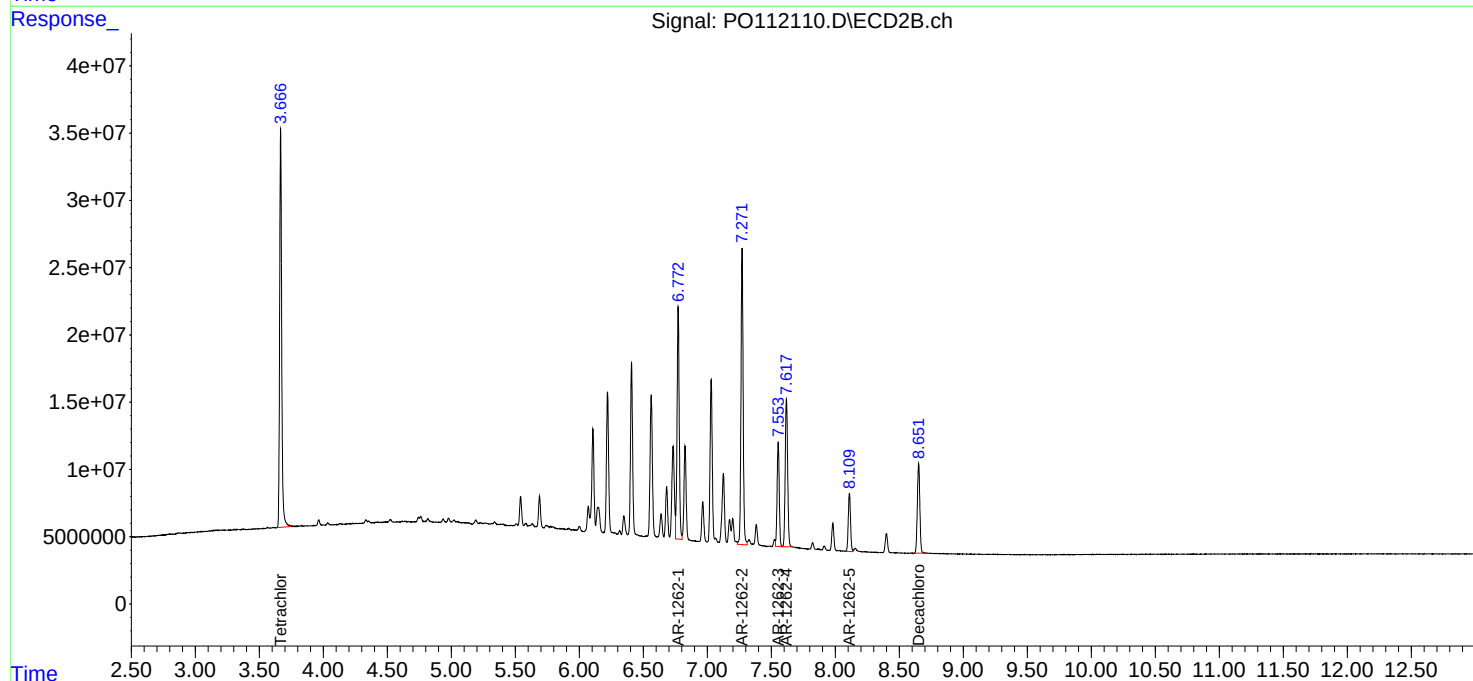
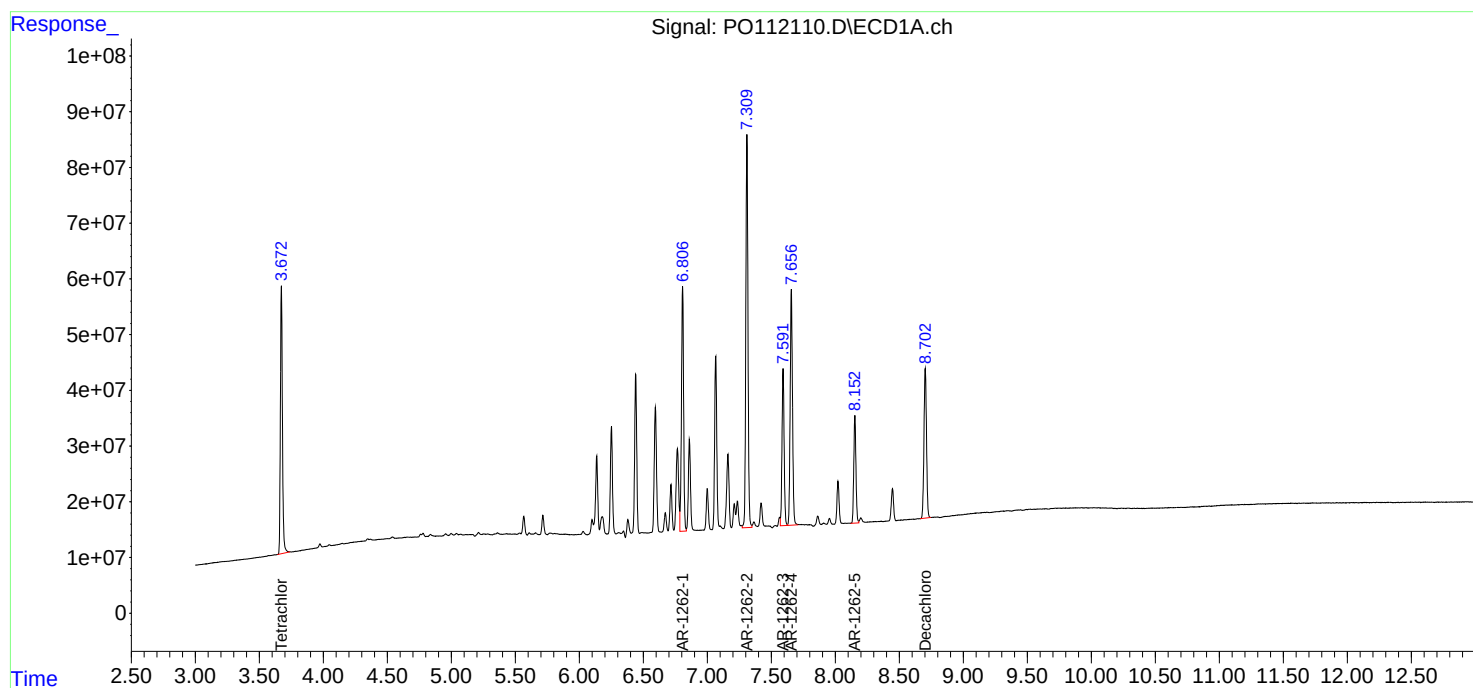
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 20:47
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: Jul 09 03:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:25:20 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 21:04
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:41:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:33:24 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...	3.672	3.667	1082.8E6	673.3E6	101.066	99.562
2) SA Decachlor...	8.702	8.650	1378.0E6	313.9E6	99.628	96.478
Target Compounds						
41) L9 AR-1268-1	7.590	7.554	1933.7E6	486.6E6	1000.189	974.104
42) L9 AR-1268-2	7.656	7.619	1621.3E6	414.1E6	997.801	973.991
43) L9 AR-1268-3	7.862	7.823	1337.7E6	309.6E6	989.536	960.409
44) L9 AR-1268-4	8.151	8.111	501.7E6	111.4E6	975.950m	963.536
45) L9 AR-1268-5	8.445	8.399	3474.7E6	736.5E6	1008.979	983.566

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
Data File : P0112111.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:04
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

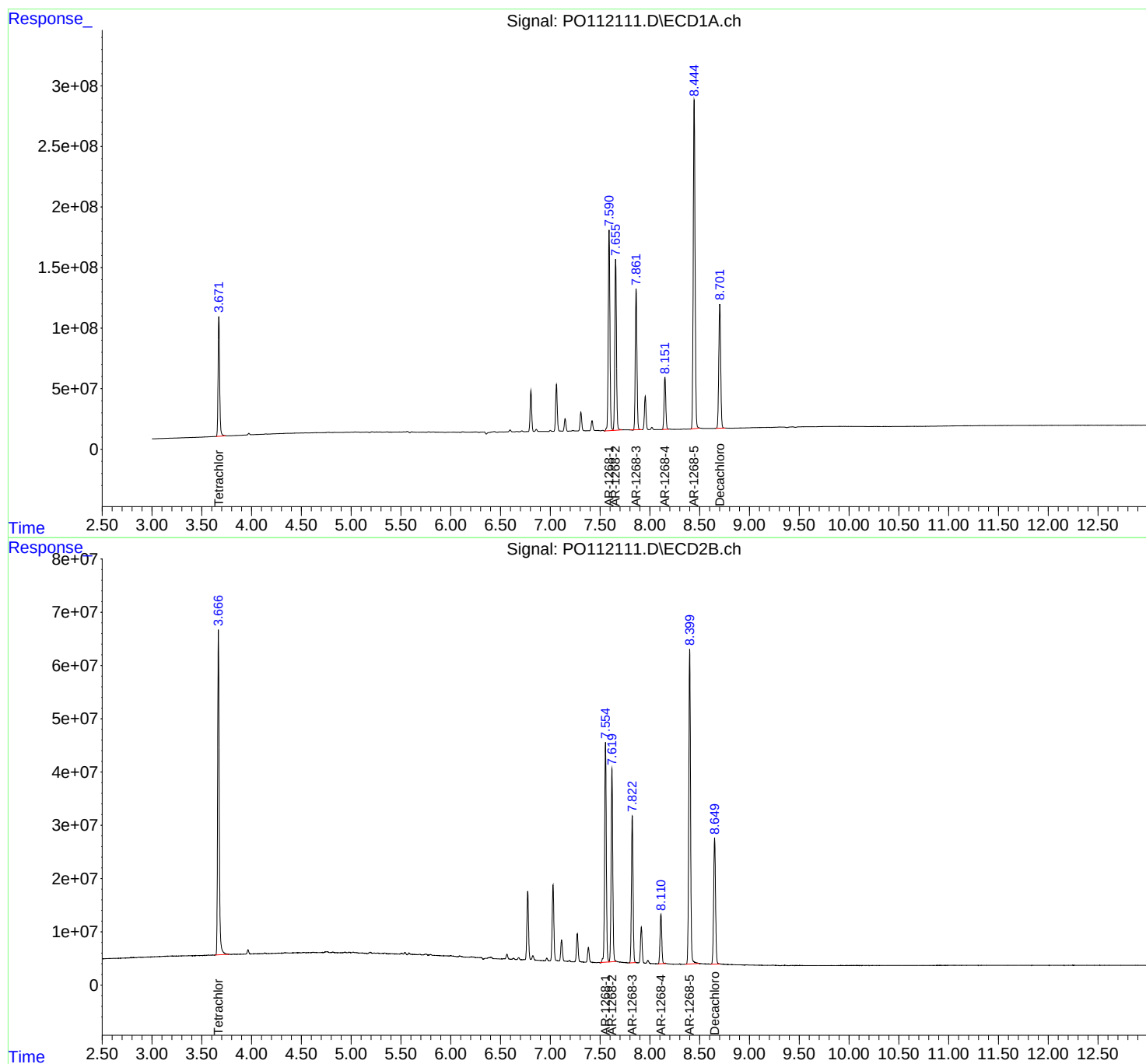
Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:41:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 21:22
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:42:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:33:24 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...	3.672	3.666	822.0E6	512.2E6	76.722	75.743
2) SA Decachlor...	8.700	8.649	1050.8E6	242.3E6	75.975	74.472
Target Compounds						
41) L9 AR-1268-1	7.591	7.553	1471.3E6	372.2E6	761.010	745.185
42) L9 AR-1268-2	7.656	7.618	1239.2E6	317.2E6	762.647	746.065
43) L9 AR-1268-3	7.861	7.823	1019.5E6	238.5E6	754.122	739.688
44) L9 AR-1268-4	8.150	8.110	374.5E6	85695746	728.612	741.374
45) L9 AR-1268-5	8.444	8.399	2621.5E6	562.6E6	761.236	751.350

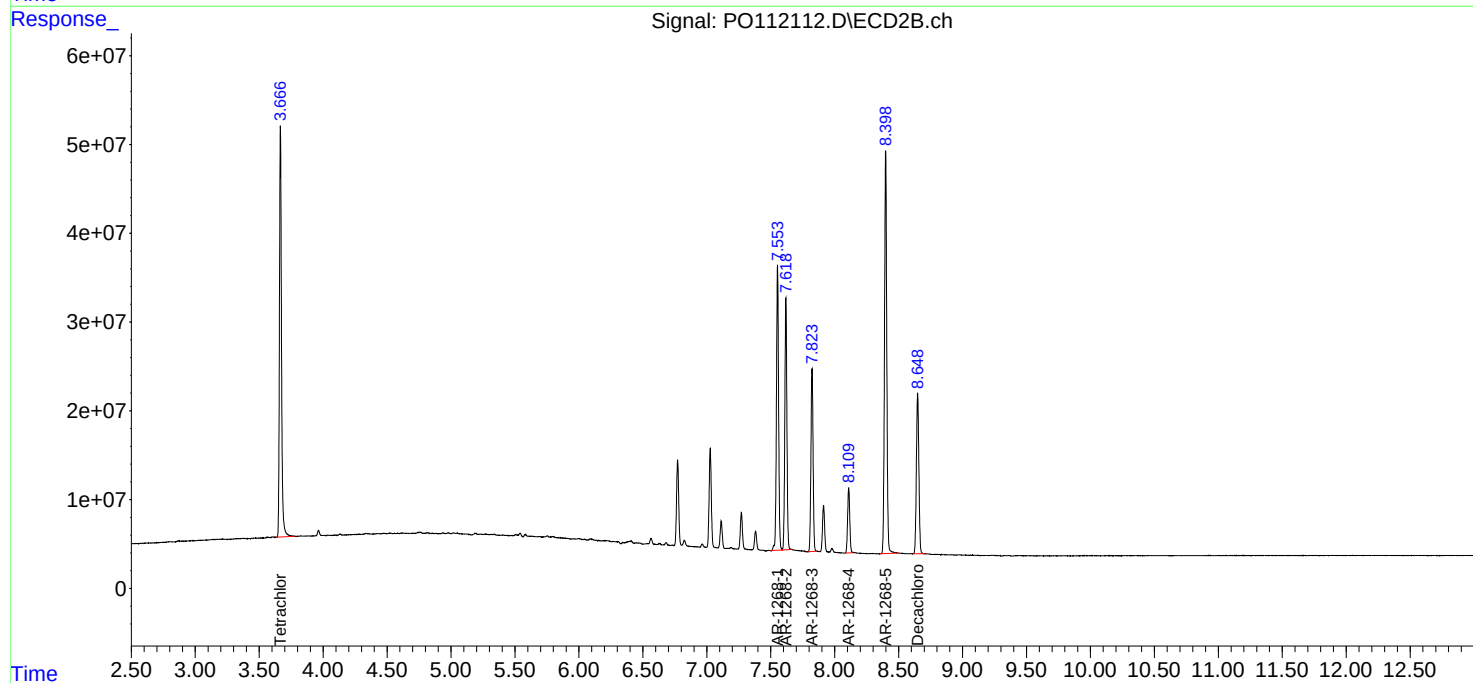
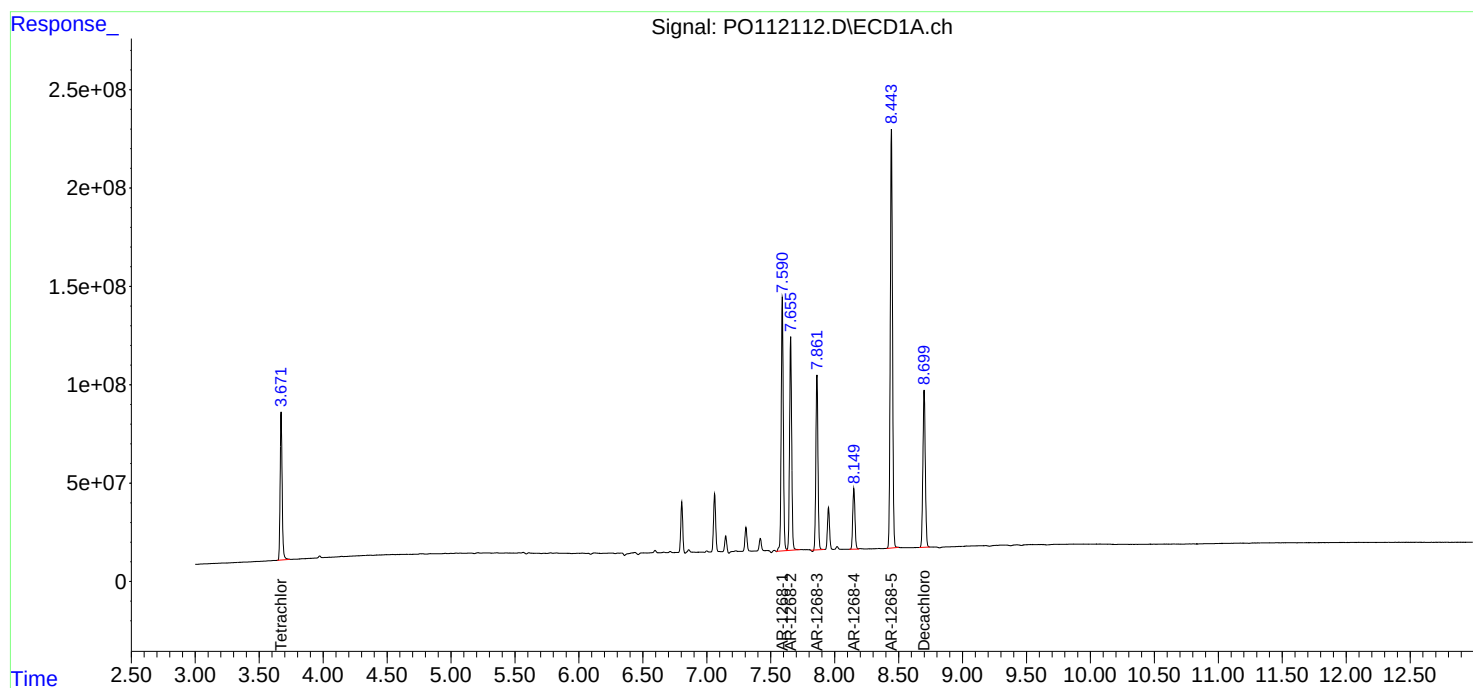
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:22
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 21:39
 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: Jul 09 03:42:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:33:24 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...	3.671	3.666	535.7E6	338.1E6	50.000	50.000
2) SA Decachlor...	8.701	8.648	691.6E6	162.7E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	7.590	7.552	966.7E6	249.7E6	500.000	500.000
42) L9 AR-1268-2	7.656	7.617	812.4E6	212.6E6	500.000	500.000
43) L9 AR-1268-3	7.862	7.822	675.9E6	161.2E6	500.000	500.000
44) L9 AR-1268-4	8.151	8.108	257.0E6	57795189	500.000	500.000
45) L9 AR-1268-5	8.445	8.398	1721.9E6	374.4E6	500.000	500.000

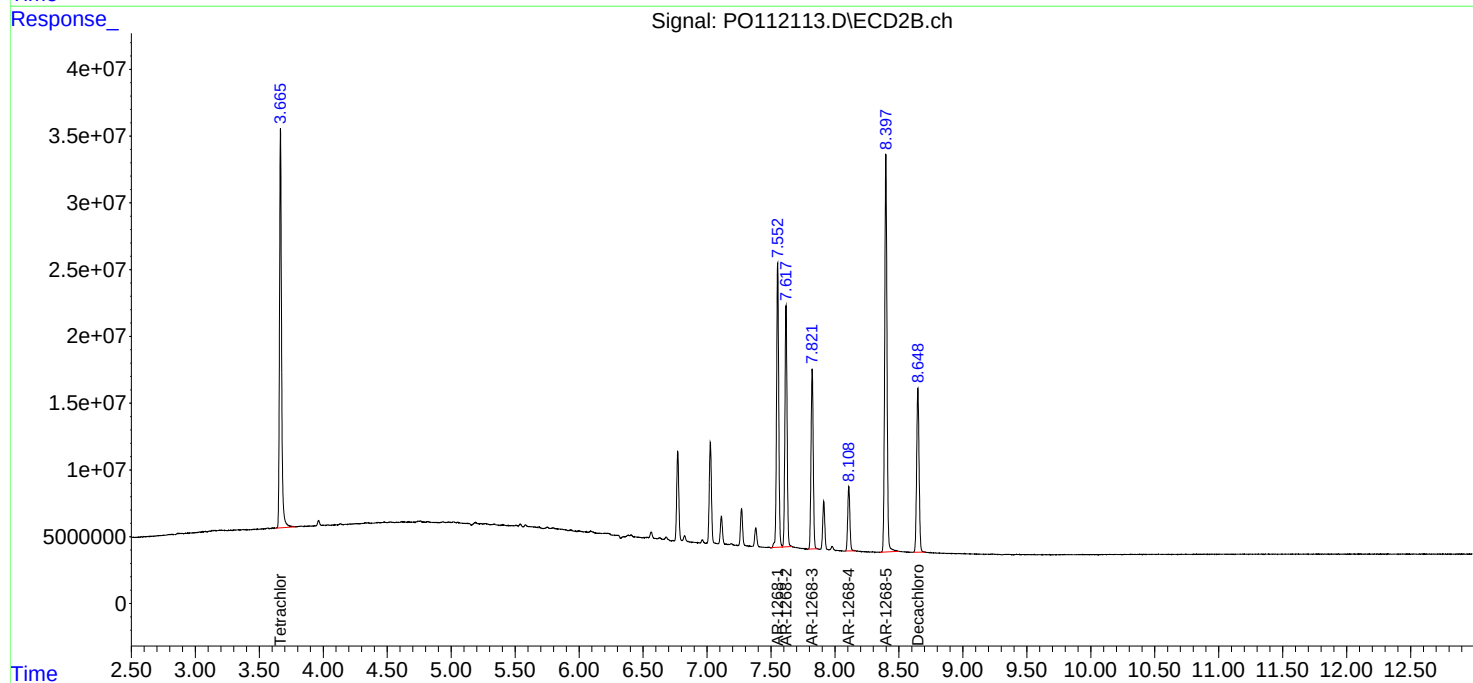
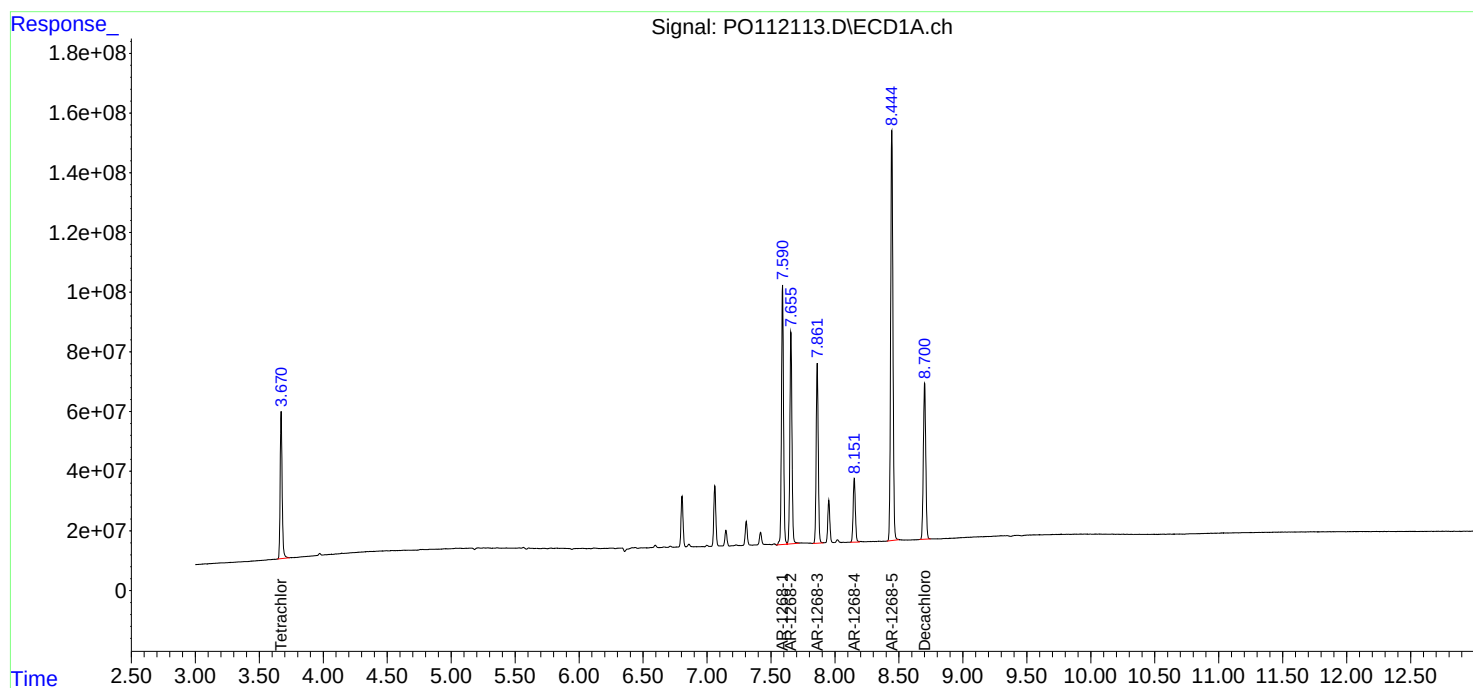
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112113.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:39
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: Jul 09 03:42:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112114.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 21:57
 Operator : YP/AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:42:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:33:24 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...	3.673	3.667	259.9E6	164.3E6	24.261	24.302
2) SA Decachlor...	8.703	8.650	342.2E6	82659475	24.738	25.404
Target Compounds						
41) L9 AR-1268-1	7.592	7.553	472.5E6	128.6E6	244.386	257.479
42) L9 AR-1268-2	7.658	7.619	399.3E6	109.7E6	245.741	257.940
43) L9 AR-1268-3	7.864	7.823	334.3E6	83790903	247.301	259.922
44) L9 AR-1268-4	8.153	8.110	127.6E6	29384246	248.229	254.210
45) L9 AR-1268-5	8.446	8.399	837.4E6	188.8E6	243.174	252.154

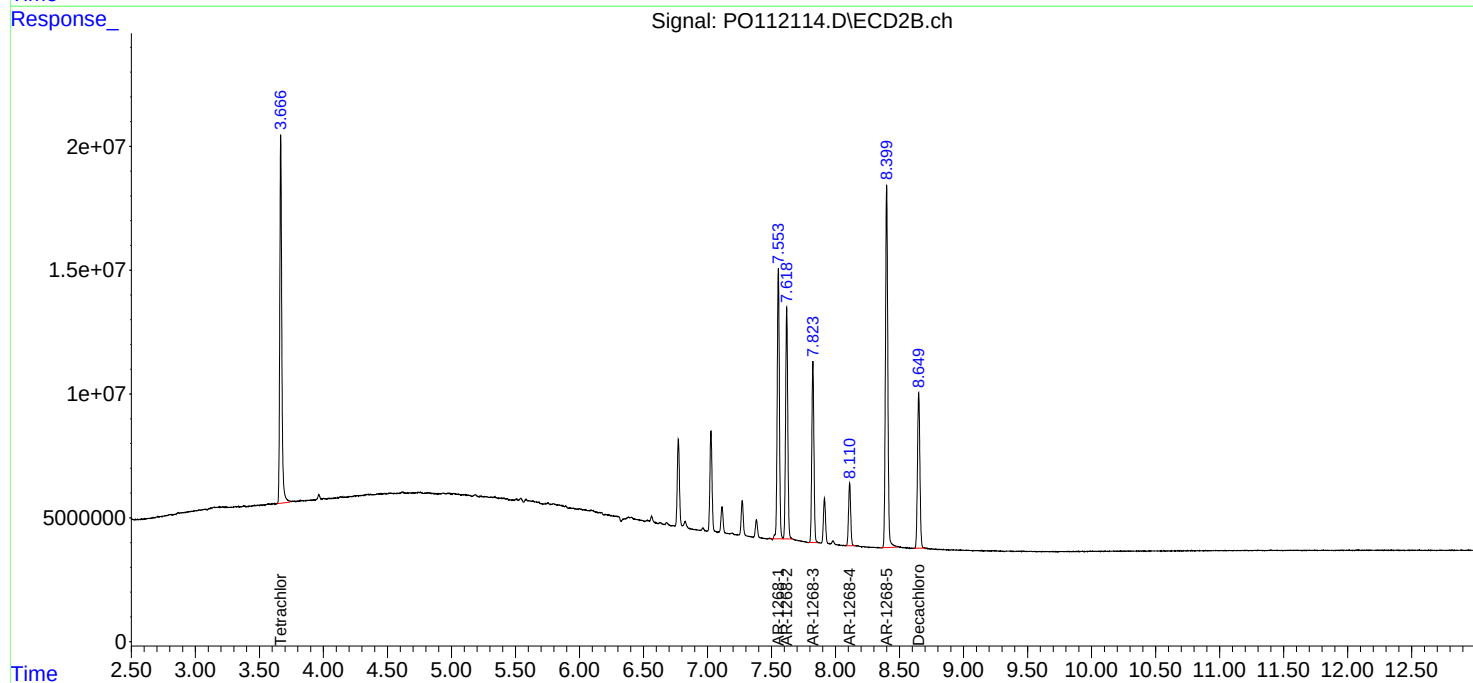
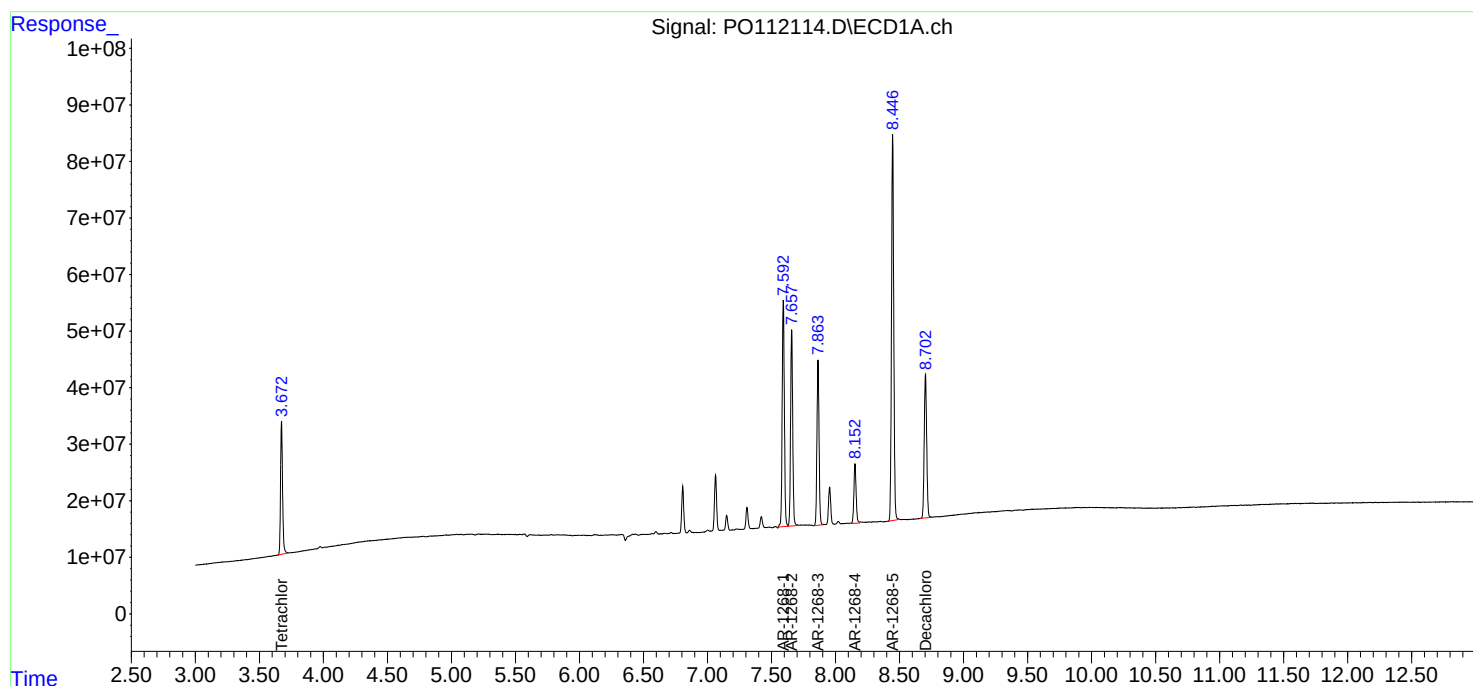
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112114.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 21:57
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0070825\
 Data File : P0112115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 22:16
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:42:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:33:24 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	3.666	38867548	25586379	3.628	3.784
2) SA Decachlor...	8.703	8.649	53087700	13607316	3.838	4.182
Target Compounds						
41) L9 AR-1268-1	7.592	7.553	73430329	23025590	37.981m	46.098
42) L9 AR-1268-2	7.658	7.618	64617530	19259498	39.767	45.302
43) L9 AR-1268-3	7.863	7.822	55605590	14843274	41.132m	46.044
44) L9 AR-1268-4	8.154	8.109	18826938	4939808	36.625	42.735
45) L9 AR-1268-5	8.447	8.398	127.8E6	32095228	37.097	42.862

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:16
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

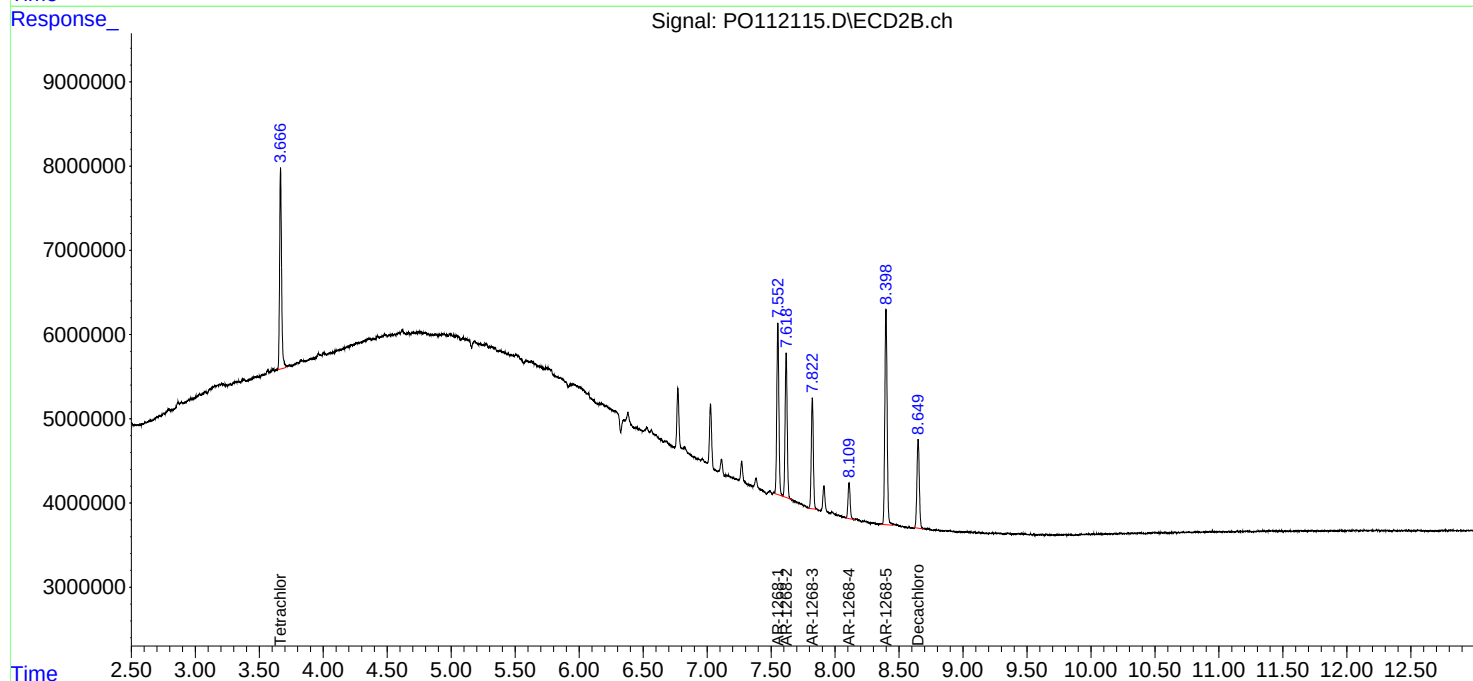
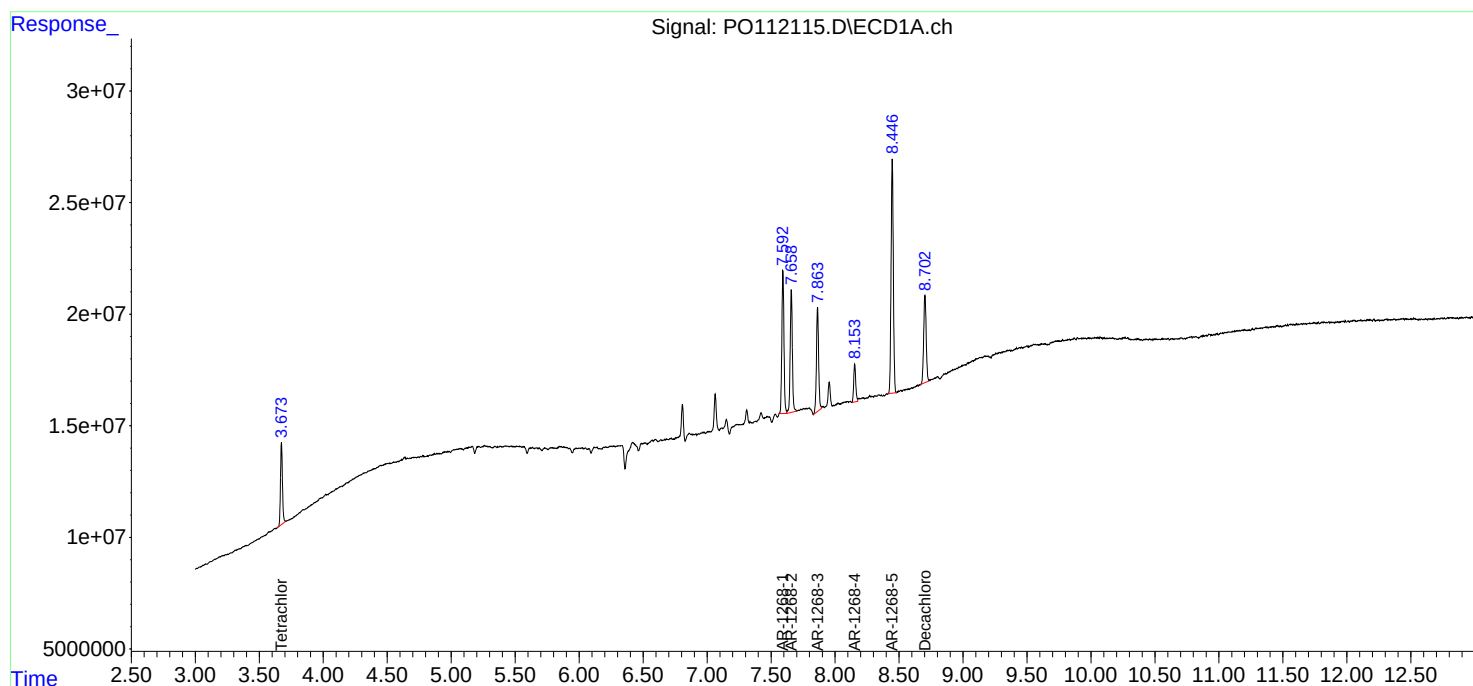
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:42:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112116.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 22:34
 Operator : YP/AJ
 Sample : P0070825ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO070825

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/09/2025
 Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 04:04:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.666	521.7E6	329.9E6	52.728	51.784
2) SA Decachlor...	8.702	8.649	362.0E6	87909411	52.944	51.007
Target Compounds						
3) L1 AR-1016-1	4.760	4.742	175.3E6	107.8E6	515.284	483.610m
4) L1 AR-1016-2	4.779	4.761	259.8E6	163.6E6	522.388	497.237m
5) L1 AR-1016-3	4.836	4.936	165.0E6	85046592	509.600	500.666
6) L1 AR-1016-4	4.956	4.979	132.8E6	68299058	517.300	497.707
7) L1 AR-1016-5	5.213	5.190	137.8E6	89116759	503.683	516.768
31) L7 AR-1260-1	6.250	6.220	257.1E6	138.6E6	512.929	493.882
32) L7 AR-1260-2	6.440	6.408	380.3E6	165.9E6	515.168	487.864
33) L7 AR-1260-3	6.806	6.559	331.7E6	141.4E6	506.110	512.911m
34) L7 AR-1260-4	7.065	7.029	235.9E6	98320139	541.983	490.020m
35) L7 AR-1260-5	7.308	7.271	694.1E6	218.4E6	549.787	487.907

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
Data File : P0112116.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 22:34
Operator : YP/AJ
Sample : P0070825ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

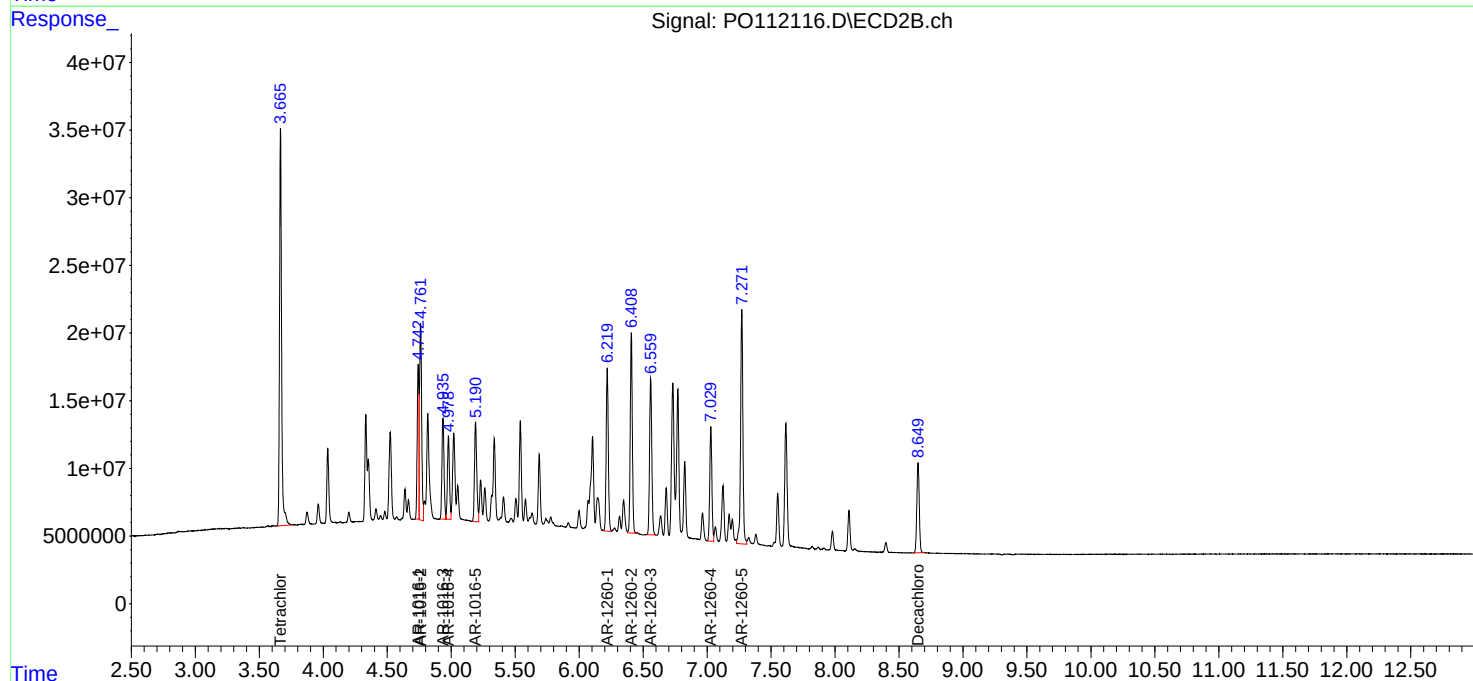
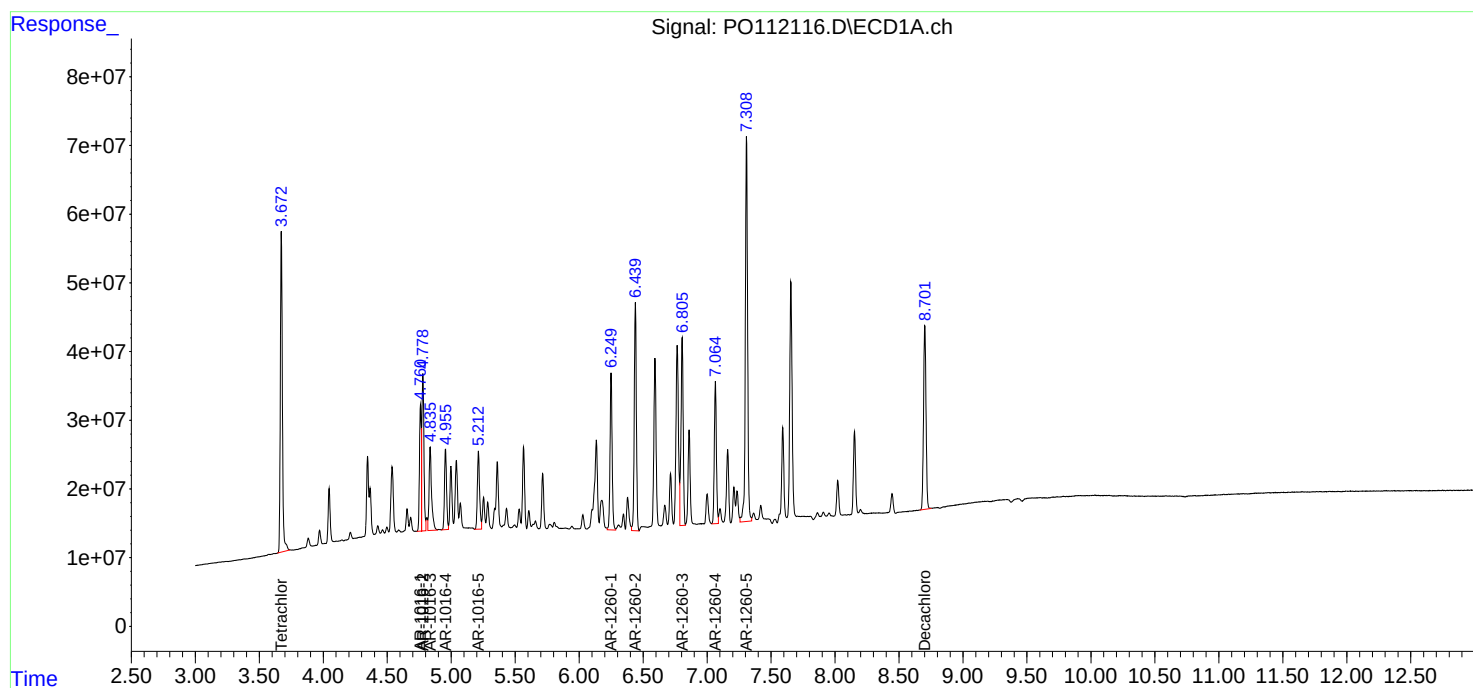
Instrument :
ECD_O
ClientSampleId :
ICVPO070825

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/09/2025
Supervised By :mohammad ahmed 07/10/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112117.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 23:11
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO070825AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 04:05:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 04:02:23 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...	3.673	3.666	512.4E6	321.3E6	51.790	50.425
2) SA Decachlor...	8.703	8.649	365.5E6	88771778	53.453	51.508
Target Compounds						
16) L4 AR-1242-1	4.761	4.742	146.8E6	93302949	506.810	481.294
17) L4 AR-1242-2	4.779	4.761	220.6E6	136.9E6	518.026	483.283
18) L4 AR-1242-3	4.836	4.936	139.5E6	71189360	509.797	488.679
19) L4 AR-1242-4	4.956	5.020	112.3E6	68561477	498.302	483.370
20) L4 AR-1242-5	5.607	5.540	110.4E6	88688434	521.388	488.012

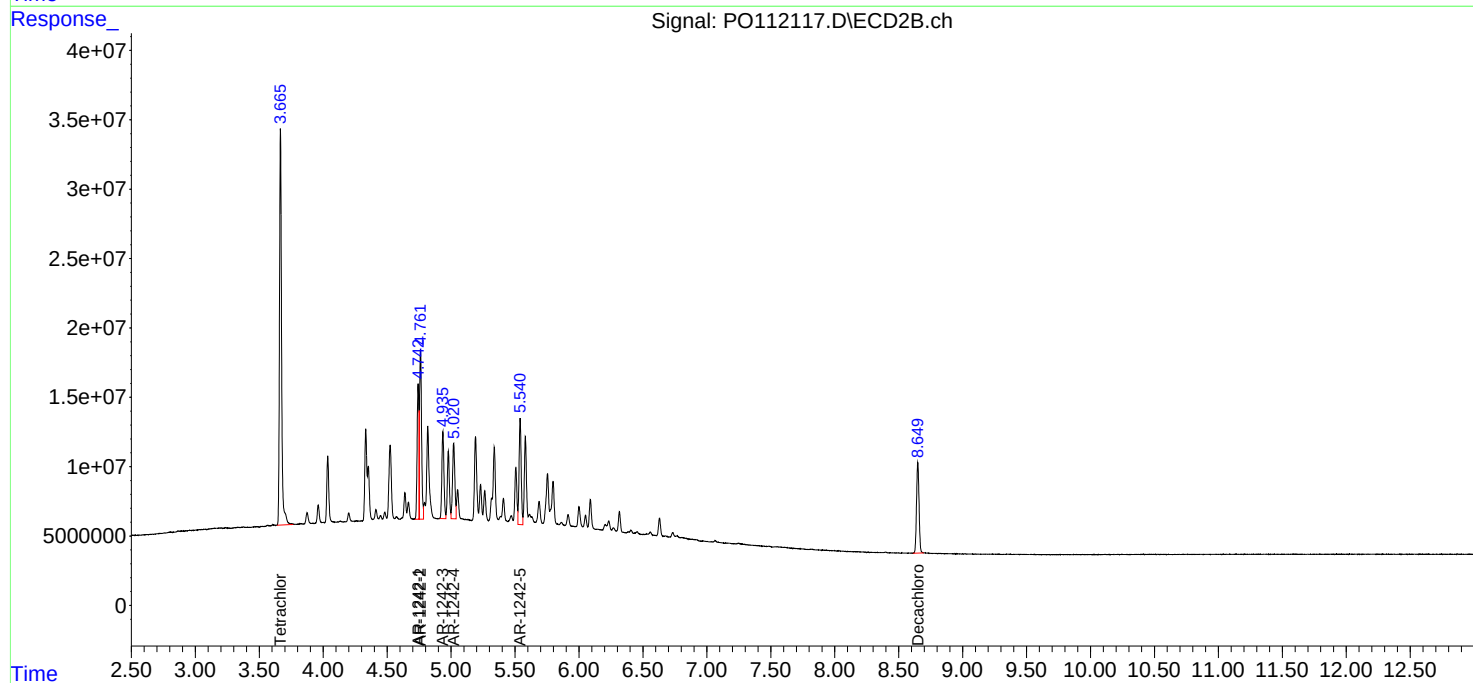
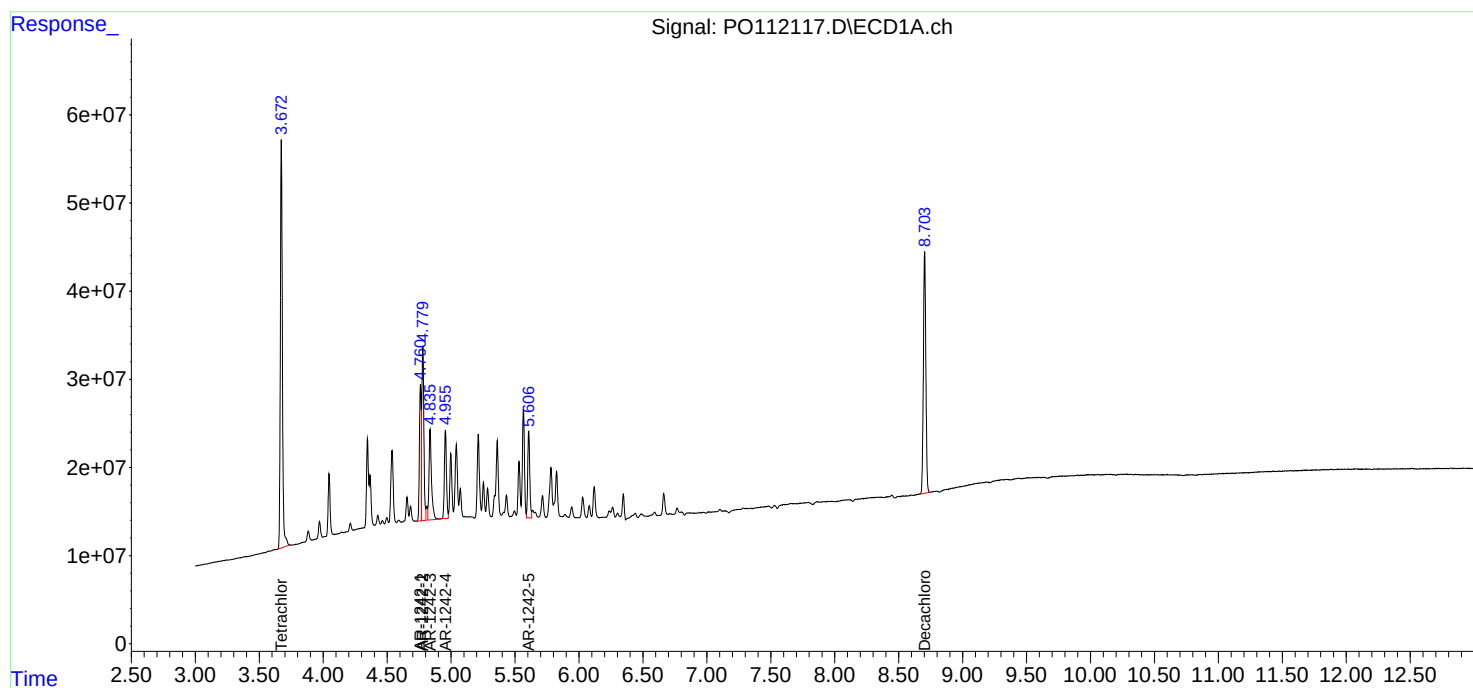
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112117.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:11
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112118.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 23:47
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO070825AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 04:05:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 04:02:23 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...	3.673	3.666	508.1E6	317.9E6	51.354	49.890
2) SA Decachlor...	8.702	8.650	362.9E6	88364492	53.072	51.272
Target Compounds						
21) L5 AR-1248-1	4.761	4.742	111.3E6	71004811	490.349	459.970
22) L5 AR-1248-2	4.998	4.979	149.3E6	96786968	484.269	470.370
23) L5 AR-1248-3	5.213	5.020	189.9E6	101.5E6	466.127	472.319
24) L5 AR-1248-4	5.565	5.191	278.9E6	121.0E6	483.314	467.745
25) L5 AR-1248-5	5.607	5.581	185.2E6	118.9E6	474.463	474.612

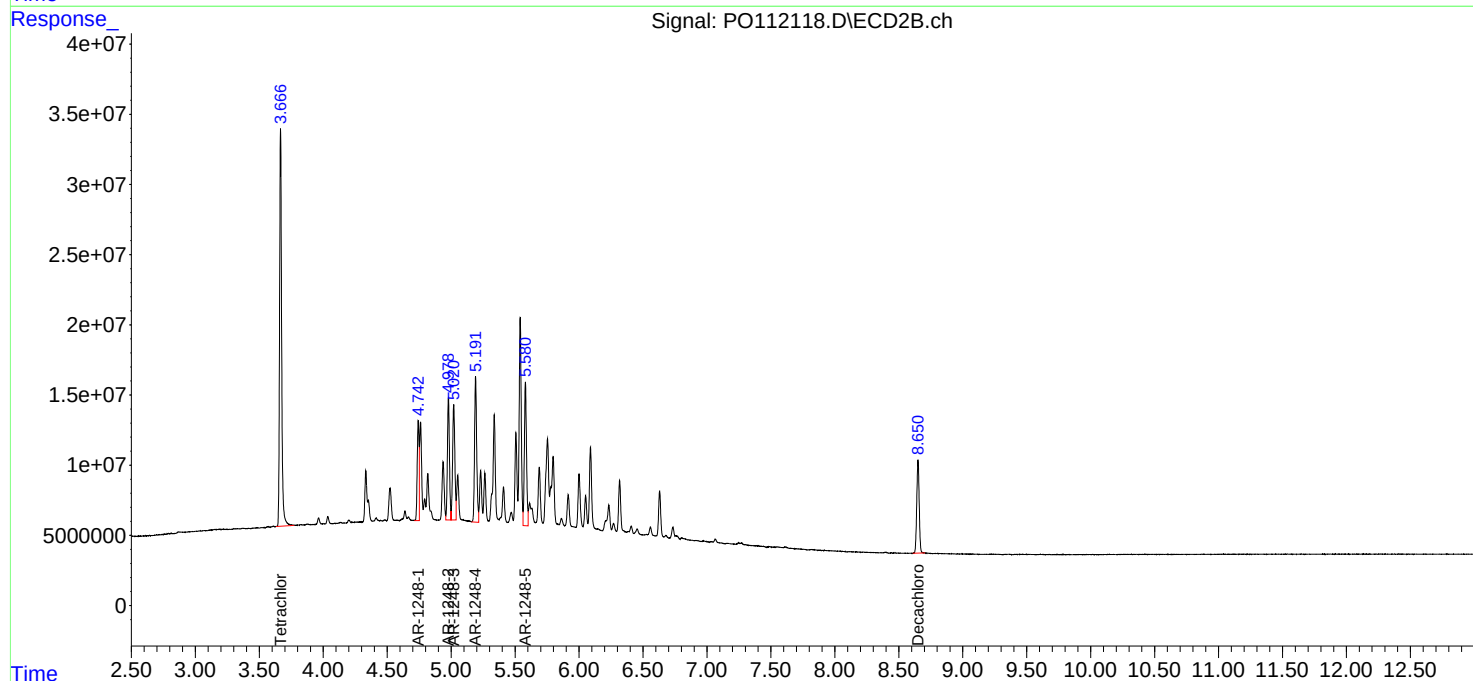
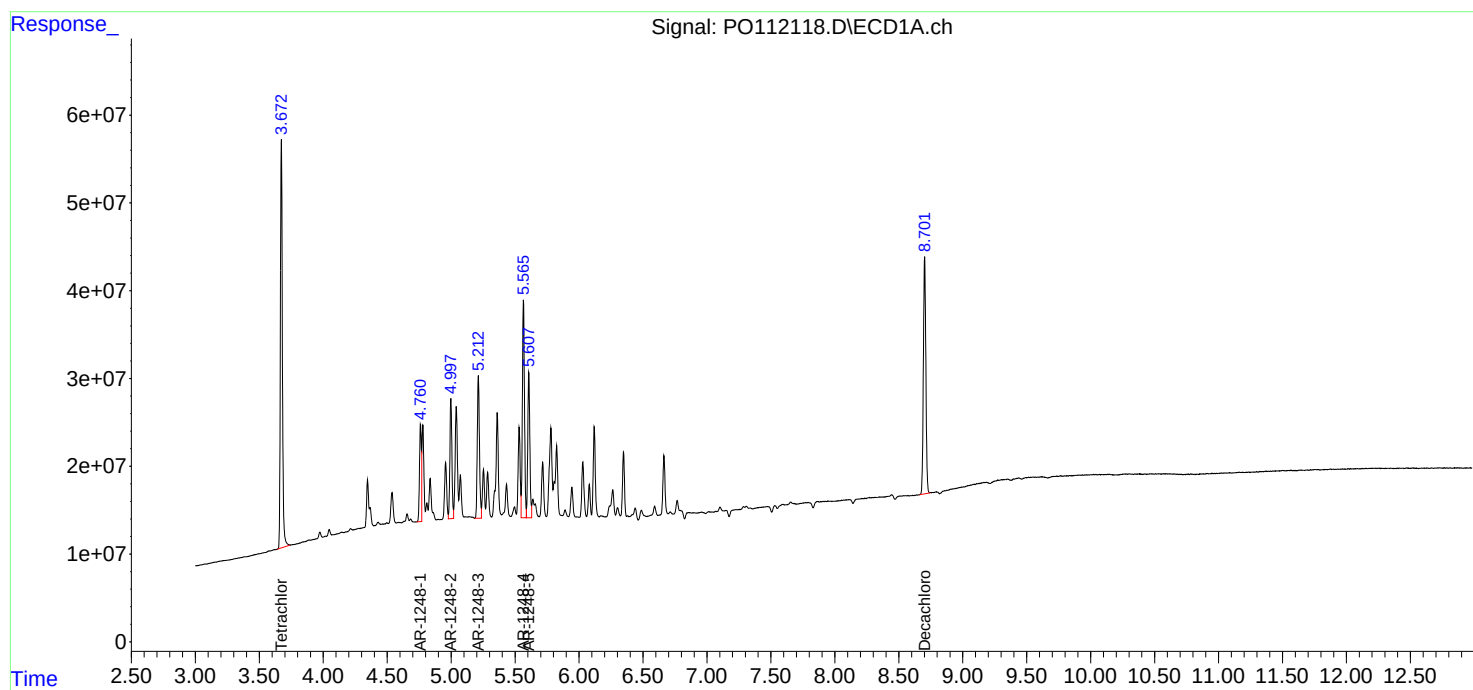
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112118.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 23:47
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112119.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 00:24
 Operator : YP/AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO070825AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 04:05:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 04:02:23 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...	3.673	3.666	520.2E6	322.7E6	52.569	50.649
2) SA Decachlor...	8.702	8.648	368.3E6	89811642	53.866	52.111
Target Compounds						
26) L6 AR-1254-1	5.566	5.541	297.8E6	181.0E6	484.137	474.939
27) L6 AR-1254-2	5.715	5.688	261.9E6	156.8E6	488.891	472.651
28) L6 AR-1254-3	6.119	6.089	408.1E6	227.3E6	486.021	471.452
29) L6 AR-1254-4	6.348	6.317	268.6E6	129.6E6	558.360	496.987
30) L6 AR-1254-5	6.768	6.733	381.5E6	170.5E6	492.940	478.367

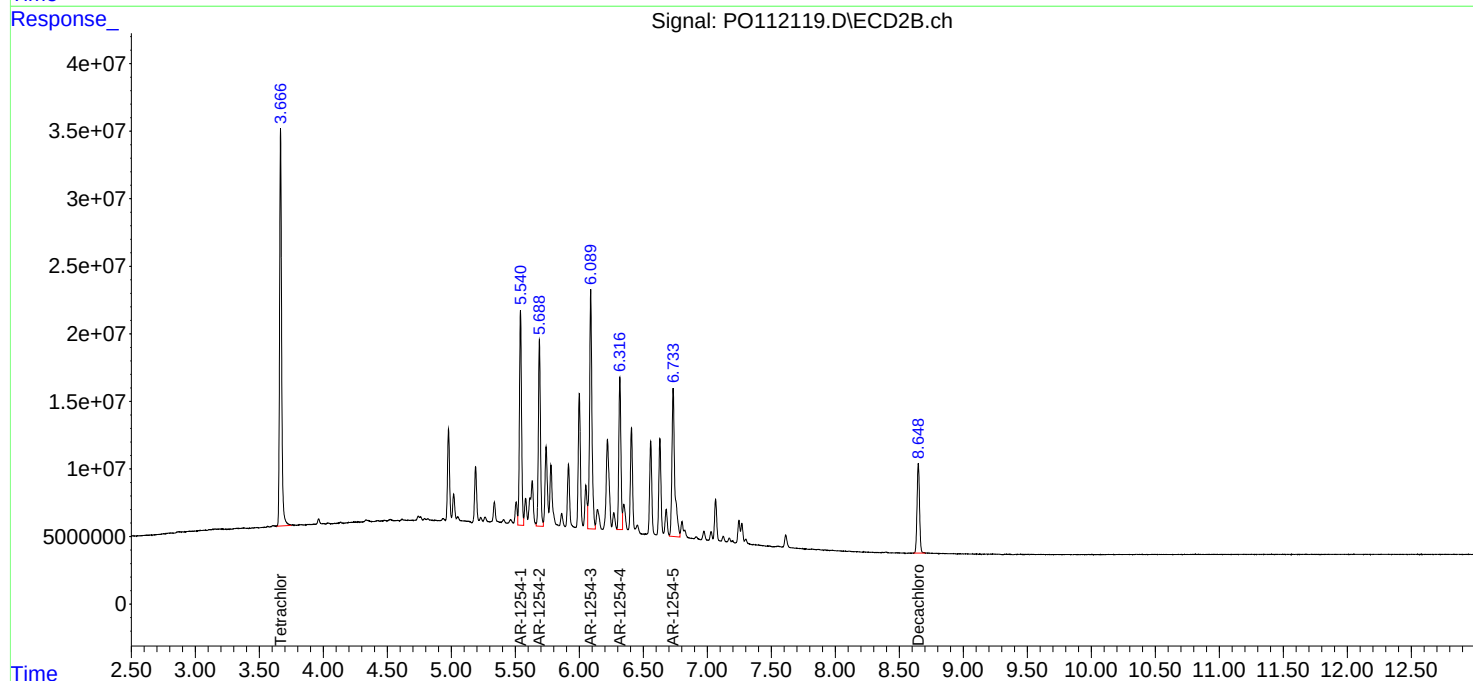
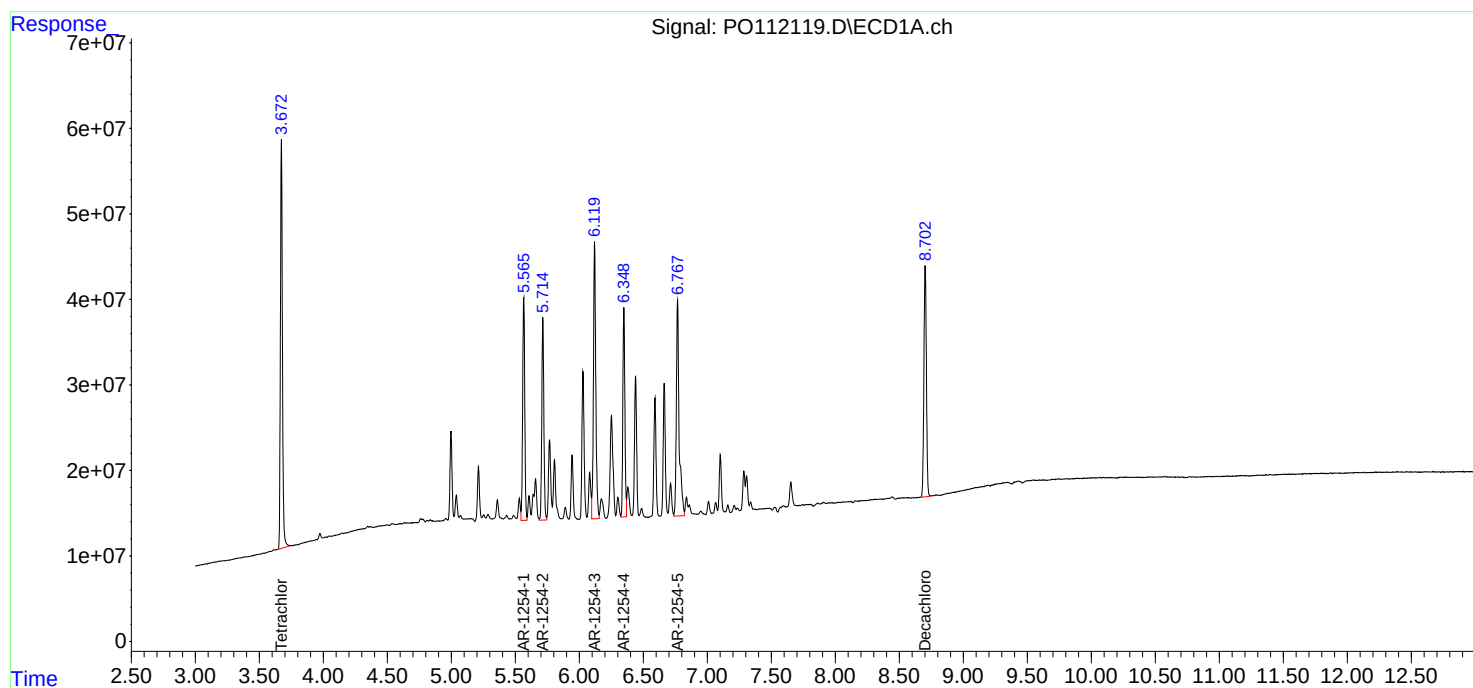
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 00:24
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:05:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : P0112120.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2025 01:01
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO070825AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 09 03:54:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 03:33:24 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...	3.672	3.666	507.9E6	314.4E6	50.119	49.097
2) SA Decachlor...	8.702	8.650	672.6E6	158.8E6	51.008	50.729
Target Compounds						
41) L9 AR-1268-1	7.592	7.554	933.4E6	244.5E6	507.990	497.487
42) L9 AR-1268-2	7.658	7.619	787.7E6	208.0E6	505.709	498.485
43) L9 AR-1268-3	7.863	7.823	660.1E6	157.4E6	507.919	497.424
44) L9 AR-1268-4	8.153	8.110	233.4E6	55400600	485.897	496.813
45) L9 AR-1268-5	8.446	8.399	1686.7E6	361.3E6	516.807	497.353

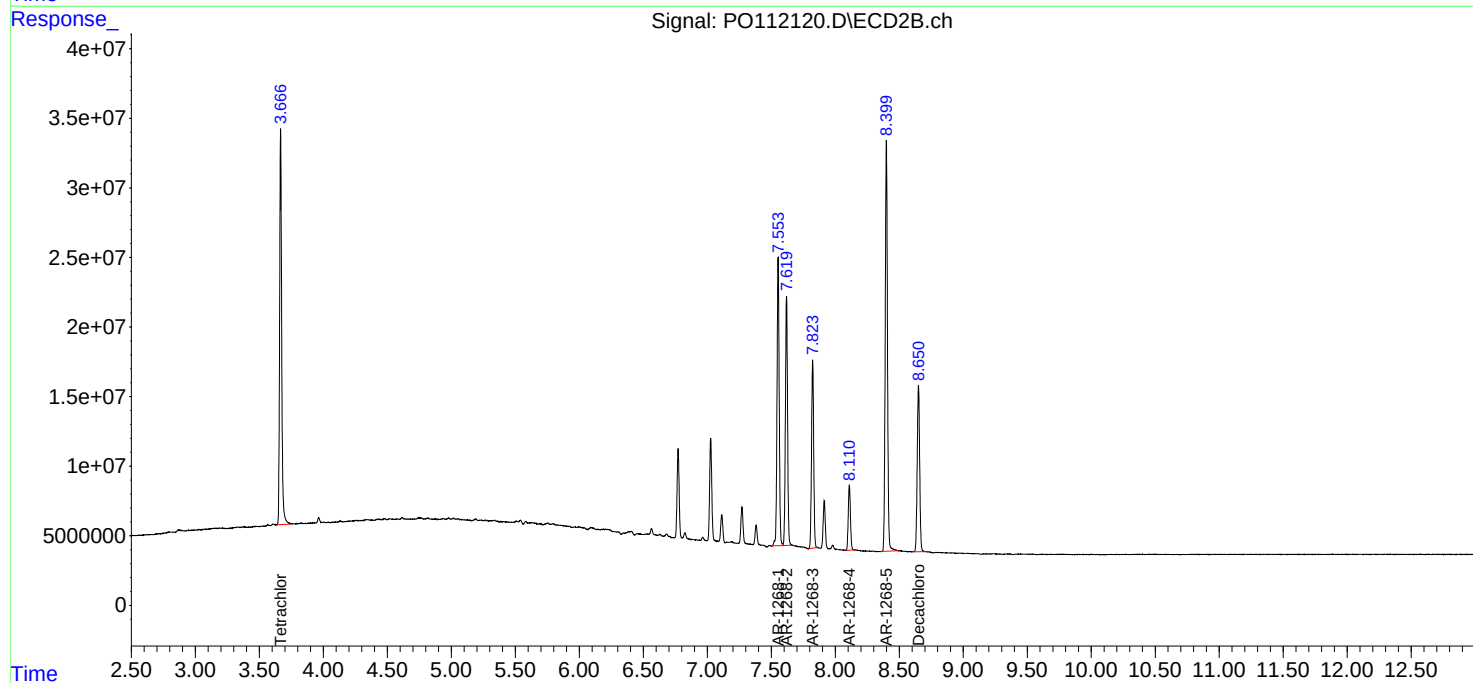
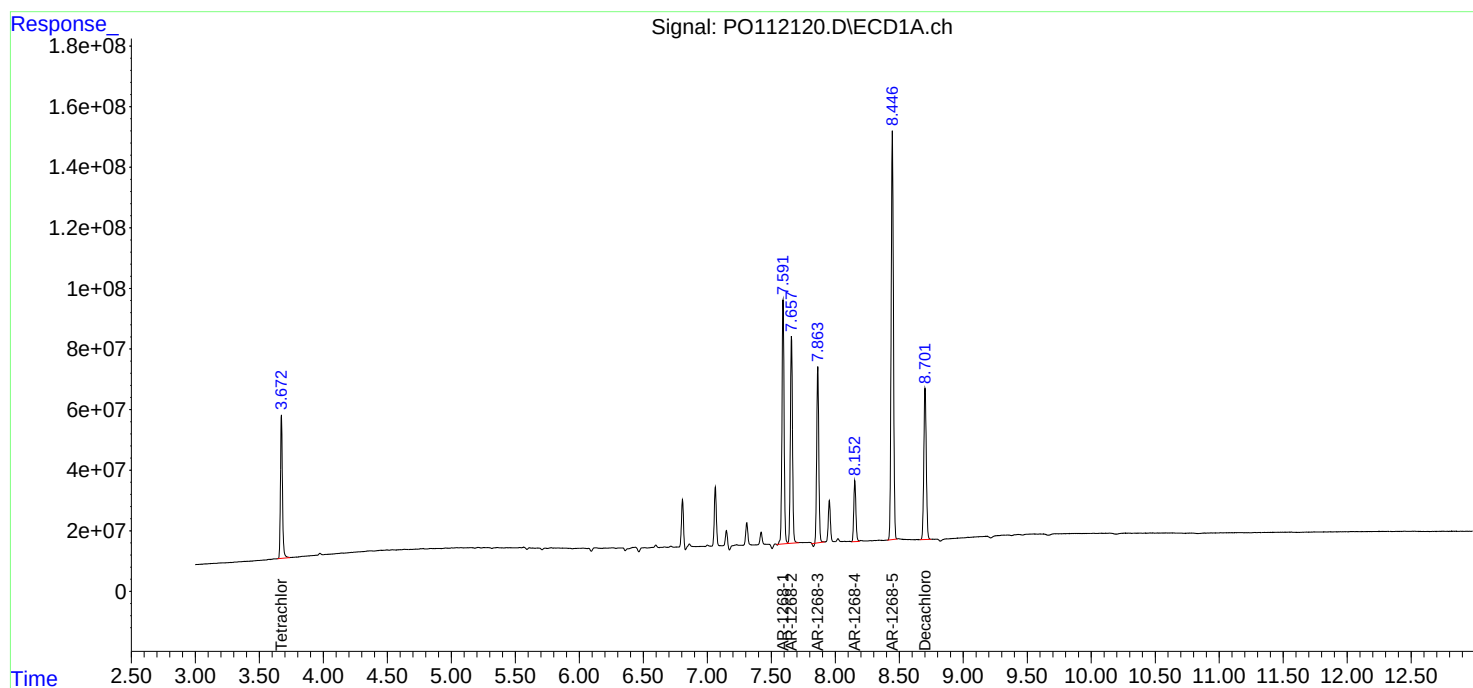
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO070825\
Data File : PO112120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2025 01:01
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 03:54:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 03:33:24 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



Calibration Times: 21:03 04:24

LAB FILE ID: RT 1000 = PP073554.D RT 750 = PP073555.D
RT 500 = PP073556.D RT 250 = PP073557.D RT 050 = PP073558.D

[illegible]

[illegible]

Contract:	CAMP02	
SDG NO.:	Q2543	
Calibration Date(s):	07/07/2025	07/08/2025
Calibration Times:	21:03	04:24

LAB FILE ID:		RT 1000 =	<u>PP073554.D</u>	RT 750 =	<u>PP073555.D</u>
RT 500 =	PP073556.D	RT 250 =	PP073557.D	RT 050 =	PP073558.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CAMP02
SDG NO.: Q2543

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:		CF 1000 = <u>PP073554.D</u>		CF 750 = <u>PP073555.D</u>			
CF 500 = <u>PP073556.D</u>		CF 250 = <u>PP073557.D</u>		CF 050 = <u>PP073558.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	42452248	45617859	47138872	50511676	51847220	47513575
Aroclor-1016-2	(2)	66518124	70141979	72048808	76716636	70648900	71214889
Aroclor-1016-3	(3)	39961628	42046196	44162638	46389840	45755080	43663076
Aroclor-1016-4	(4)	33606097	35475740	36592056	38460728	35593260	35945576
Aroclor-1016-5	(5)	30910810	31971305	32786356	34274032	26709560	31330413
Aroclor-1260-1	(1)	55735594	57789364	59663732	63324028	58293500	58961244
Aroclor-1260-2	(2)	82256765	86873544	90393892	97973444	121701660	95839861
Aroclor-1260-3	(3)	71122512	73727981	74691298	76804056	69007300	73070629
Aroclor-1260-4	(4)	63951646	66011447	66730410	69035472	60770420	65299879
Aroclor-1260-5	(5)	147606205	151816095	154896322	160840336	139104740	150852740
Decachlorobiphenyl		1075002490	1114272707	1146110620	1163852360	956024000	1091052435
Tetrachloro-m-xylene		1314627420	1370591720	1413189460	1469047800	1280173600	1369526000
Aroclor-1242-1	(1)	37824570	38531545	40764028	42347748	31473220	38188222
Aroclor-1242-2	(2)	59433539	58987884	63134254	65007836	52846680	59882039
Aroclor-1242-3	(3)	35307728	35832168	38067086	39311740	34585840	36620912
Aroclor-1242-4	(4)	29431539	30211543	31738592	32275500	37022940	32136023
Aroclor-1242-5	(5)	31742412	31628361	33353228	35089048	31871320	32736874
Decachlorobiphenyl		1095703140	1117596867	1144519060	1154694600	992628000	1101028333
Tetrachloro-m-xylene		1336424670	1349665200	1427212360	1438929280	1262569400	1362960182
Aroclor-1248-1	(1)	29290065	30340729	31459936	34321104	28940820	30870531
Aroclor-1248-2	(2)	37625323	39736876	40535254	44074952	37644360	39923353
Aroclor-1248-3	(3)	43927993	45846956	46075290	48569104	37628800	44409629
Aroclor-1248-4	(4)	53376796	55925132	57147446	59774616	49178580	55080514
Aroclor-1248-5	(5)	51803368	53704276	55758942	57942584	49744040	53790642
Decachlorobiphenyl		1098016930	1133084880	1145143920	1172914800	889666400	1087765386
Tetrachloro-m-xylene		1321954420	1371326347	1415433040	1456874560	1240770200	1361271713
Aroclor-1254-1	(1)	50900598	53159759	55209204	57116384	51561700	53589529
Aroclor-1254-2	(2)	77237012	80519573	82538946	86348708	89800160	83288880
Aroclor-1254-3	(3)	83677544	86010903	88492372	92072040	91405580	88331688
Aroclor-1254-4	(4)	74438148	76222969	79592040	81854844	81227180	78667036
Aroclor-1254-5	(5)	71888659	74572743	74620102	76347748	70969780	73679806
Decachlorobiphenyl		1107439250	1132832533	1145288580	1145076280	1133429800	1132813289
Tetrachloro-m-xylene		1351624000	1395660893	1401155480	1465561640	1387618000	1400324003
Aroclor-1268-1	(1)	220572869	225132533	228083942	237689468	204639620	223223686



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	188785361	192061012	194228718	202923360	174527620	190505214	5
Aroclor-1268-3	(3)	161320167	164379476	166708106	175220108	160250740	165575719	3
Aroclor-1268-4	(4)	68937885	69804631	69558114	75087068	64331720	69543884	5
Aroclor-1268-5	(5)	477643268	472782711	485154758	497337016	371889540	460961459	10
Decachlorobiphenyl		1977874930	2021254947	2057047680	2189262080	1794844800	2008056887	7
Tetrachloro-m-xylene		1351774000	1390310400	1415817780	1495349000	1314096000	1393469436	5

CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance
Lab Code: ACE
Instrument ID: ECD_P

Contract: CAMP02
SDG NO.: Q2543

Calibration Date(s): 07/07/2025 07/08/2025
Calibration Times: 21:03 04:24

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

LAB FILE ID:								
CF 1000 = PP073554.D		CF 750 = PP073555.D						
CF 500 = PP073556.D		CF 250 = PP073557.D		CF 050 = PP073558.D				
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	63548895	66956692	68520980	73175628	68671440	68174727	5
Aroclor-1016-2	(2)	95987811	99810097	102589296	109872788	101161940	101884386	5
Aroclor-1016-3	(3)	50406684	53112144	54849034	57930668	54233060	54106318	5
Aroclor-1016-4	(4)	39688708	42104989	43896956	47040184	46673360	43880839	7
Aroclor-1016-5	(5)	50298801	53487816	55660288	59272232	54193420	54582511	6
Aroclor-1260-1	(1)	89335231	94510516	99471332	104207304	100277120	97560301	6
Aroclor-1260-2	(2)	113000947	118559808	124003550	129850992	128772620	122837583	5
Aroclor-1260-3	(3)	102918015	108414332	112293296	117668340	106025080	109463813	5
Aroclor-1260-4	(4)	82942909	90440599	92349274	96325208	84984160	89408430	6
Aroclor-1260-5	(5)	218347404	234684793	232225124	233707816	204717920	224736611	5
Decachlorobiphenyl		1288482360	1338938240	1324505420	1466524480	1197294400	1323148980	7
Tetrachloro-m-xylene		1774031450	1893159427	1873404460	1944042160	1726825000	1842292499	5
Aroclor-1242-1	(1)	53636877	56644489	60339480	62120840	56082120	57764761	6
Aroclor-1242-2	(2)	81745742	82323689	88927402	91756504	87517600	86454187	5
Aroclor-1242-3	(3)	43191003	44194741	47579930	48843488	45924140	45946660	5
Aroclor-1242-4	(4)	40719317	41867060	45117014	46860680	46752460	44263306	6
Aroclor-1242-5	(5)	53173633	53609452	57067394	58584716	53777140	55242467	4
Decachlorobiphenyl		1306642480	1369985587	1353011840	1407476720	1194819200	1326387165	6
Tetrachloro-m-xylene		1787240920	1786937067	1893455580	1997751320	1666197200	1826316417	7
Aroclor-1248-1	(1)	41993150	43590469	45185544	49843992	43861300	44894891	6
Aroclor-1248-2	(2)	55737799	58586344	61889020	66706936	64762540	61536528	7
Aroclor-1248-3	(3)	58429721	61323012	64407590	69469512	66692820	64064531	6
Aroclor-1248-4	(4)	68661033	72026459	75308372	81734520	79156680	75377413	7
Aroclor-1248-5	(5)	69725277	73210425	76423314	81696724	71898780	74590904	6
Decachlorobiphenyl		1298382400	1392805453	1360355620	1440840840	1158845800	1330246023	8
Tetrachloro-m-xylene		1855486030	1865559853	1910416600	1967065360	1674658000	1854637169	6
Aroclor-1254-1	(1)	105364555	111697468	112323806	121711620	129052960	116030082	8
Aroclor-1254-2	(2)	90612135	96205700	96079760	105129084	115091100	100623556	9
Aroclor-1254-3	(3)	142515413	152219476	152099148	162118636	163279600	154446455	5
Aroclor-1254-4	(4)	86996505	93901768	94351020	100389560	97157080	94559187	5
Aroclor-1254-5	(5)	123596587	131044949	130737444	141046724	140798600	133444861	5
Decachlorobiphenyl		1348192280	1398430560	1372338640	1507697520	1377457800	1400823360	4
Tetrachloro-m-xylene		1809940380	1949806187	1892015400	1932532480	1944382600	1905735409	3
Aroclor-1268-1	(1)	290584667	307587391	307795276	323603296	307313580	307376842	4



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Fax : 908 789 8922

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	254148086	267727805	267575410	282961968	256026000	265687854	4
Aroclor-1268-3	(3)	211648098	225837245	227309934	242217372	220889640	225580458	5
Aroclor-1268-4	(4)	89640321	95098047	95218176	99881904	85000720	92967834	6
Aroclor-1268-5	(5)	595257746	637650785	622434144	650778188	576631820	616550537	5
Decachlorobiphenyl		2396229270	2556860227	2535017940	2683507840	2355689000	2505460855	5
Tetrachloro-m-xylene		1866286350	1953909840	1937791560	2021719520	1790813600	1914104174	5



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.69	4.59	4.79	17866400
		2	4.78	4.68	4.88	13504500
		3	4.85	4.75	4.95	41604800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.85	4.75	4.95	32650800
		2	5.37	5.27	5.47	16254700
		3	5.66	5.56	5.76	32993400
		4	5.82	5.72	5.92	16445200
		5	5.91	5.81	6.01	10570400
Aroclor-1262	500	1	8.07	7.97	8.17	87027200
		2	8.38	8.28	8.48	198028000
		3	8.70	8.60	8.80	125725000
		4	8.78	8.68	8.88	93262800
		5	9.43	9.33	9.53	63389400



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
Instrument ID: ECD_P **Date(s) Analyzed:** 07/07/2025 07/08/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.99	3.89	4.09	27045000
		2	4.08	3.98	4.18	20360400
		3	4.15	4.05	4.25	61448600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	46614400
		2	4.88	4.78	4.98	47659800
		3	5.05	4.95	5.15	25029000
		4	5.14	5.04	5.24	21656200
		5	5.31	5.21	5.41	22563400
Aroclor-1262	500	1	6.89	6.79	6.99	147692000
		2	7.15	7.05	7.25	127829000
		3	7.67	7.57	7.77	114019000
		4	7.74	7.64	7.84	184049000
		5	8.23	8.13	8.33	84435600

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 21:03
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:39:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:37:59 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...	4.486	3.781	131.5E6	177.4E6	93.026	94.696
2) SA Decachlor...	10.176	8.782	107.5E6	128.8E6	93.796	97.280
Target Compounds						
3) L1 AR-1016-1	5.637	4.858	42452248	63548895	900.578	927.437
4) L1 AR-1016-2	5.658	4.876	66518124	95987811	923.237	935.651
5) L1 AR-1016-3	5.720	5.053	39961628	50406684	904.874	919.008
6) L1 AR-1016-4	5.818	5.095	33606097	39688708	918.399	904.134
7) L1 AR-1016-5	6.111	5.308	30910810	50298801	942.795	903.675
31) L7 AR-1260-1	7.227	6.338	55735594	89335231	934.162	898.100
32) L7 AR-1260-2	7.481	6.527	82256765	113.0E6	909.981	911.272
33) L7 AR-1260-3	7.838	6.679	71122512	102.9E6	952.220	916.511
34) L7 AR-1260-4	8.063	7.148	63951646	82942909	958.358	898.144
35) L7 AR-1260-5	8.381	7.390	147.6E6	218.3E6	952.936	940.240

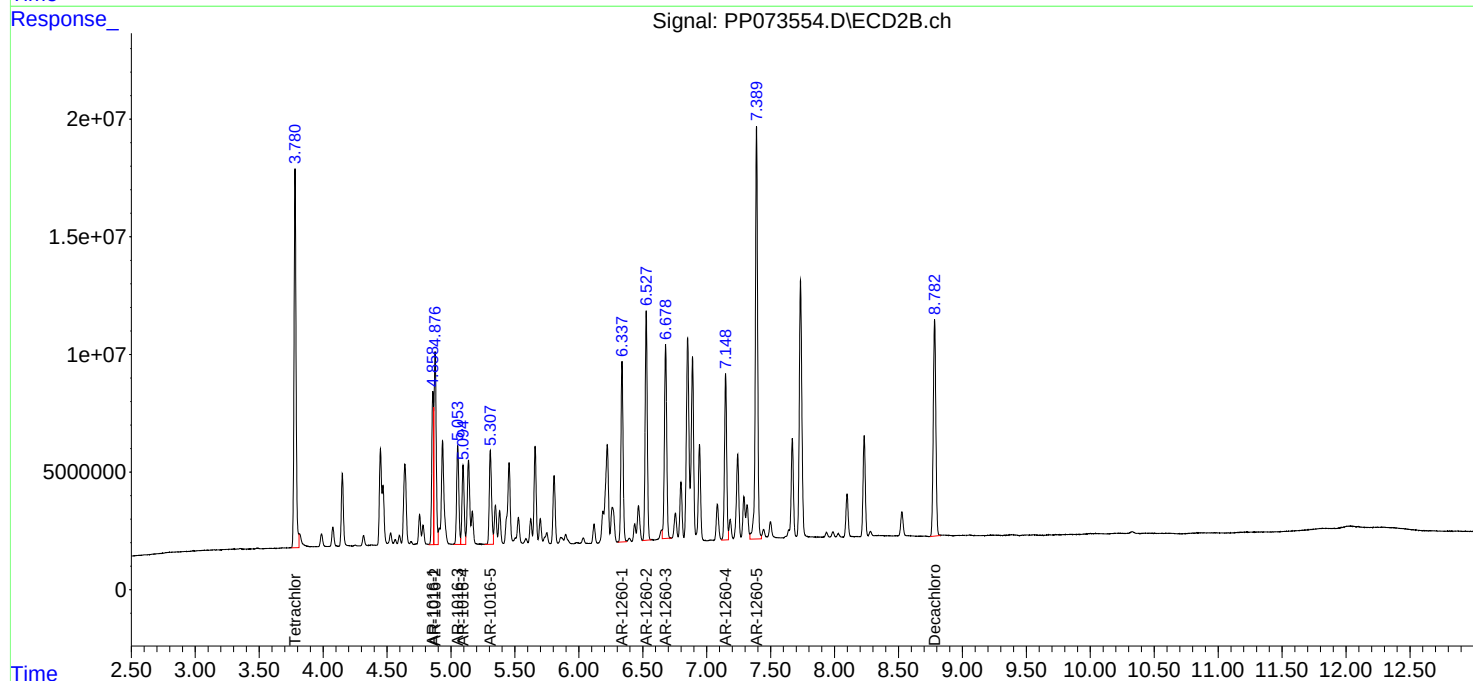
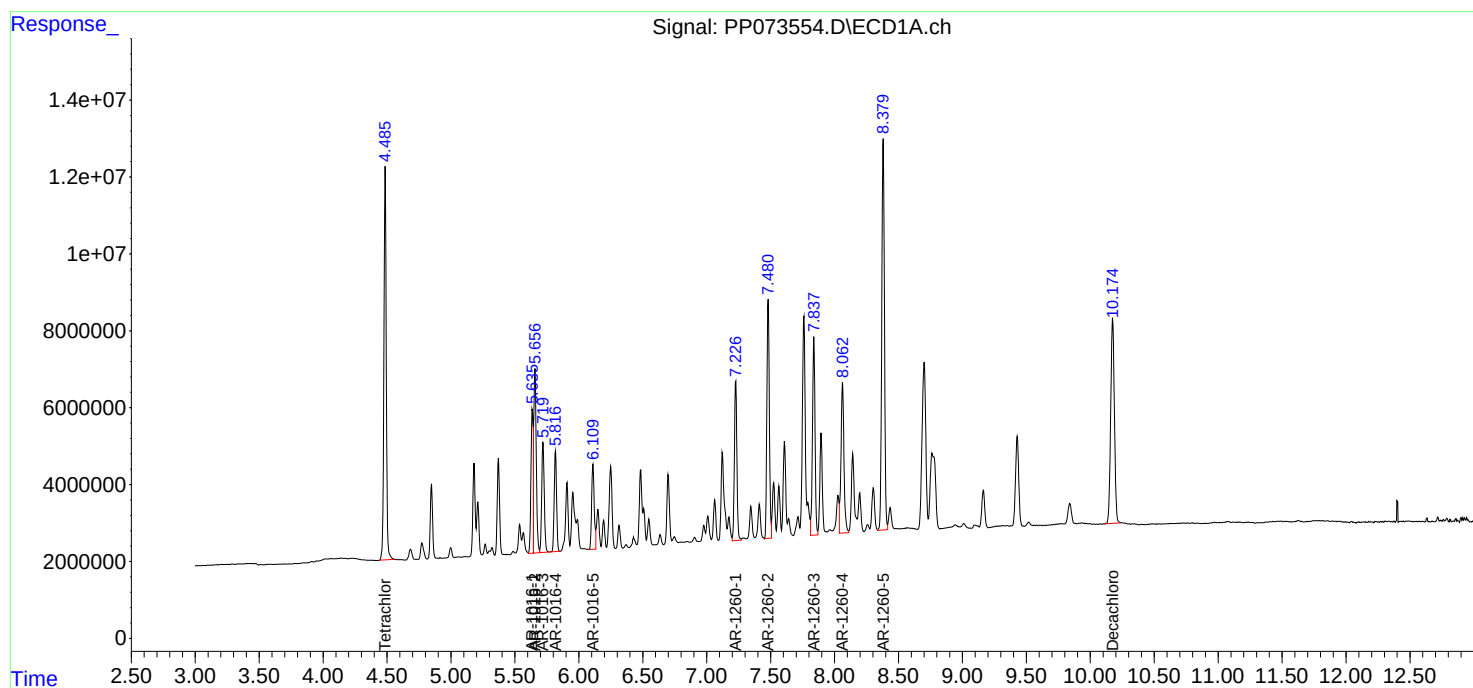
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073554.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:03
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:39:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 21:19
 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: Jul 08 01:39:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:37:59 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...	4.488	3.780	102.8E6	142.0E6	72.739	75.791
2) SA Decachlor...	10.177	8.781	83570453	100.4E6	72.917	75.817
Target Compounds						
3) L1 AR-1016-1	5.639	4.859	34213394	50217519	725.800	732.878
4) L1 AR-1016-2	5.661	4.876	52606484	74857573	730.151	729.682
5) L1 AR-1016-3	5.722	5.052	31534647	39834108	714.057	726.250
6) L1 AR-1016-4	5.820	5.095	26606805	31578742	727.120	719.383
7) L1 AR-1016-5	6.112	5.308	23978479	40115862	731.355	720.727
31) L7 AR-1260-1	7.230	6.338	43342023	70882887	726.438	712.596
32) L7 AR-1260-2	7.483	6.527	65155158	88919856	720.792	717.075
33) L7 AR-1260-3	7.841	6.678	55295986	81310749	740.327	724.093
34) L7 AR-1260-4	8.065	7.148	49508585	67830449	741.919	734.499
35) L7 AR-1260-5	8.383	7.390	113.9E6	176.0E6	735.086	757.944

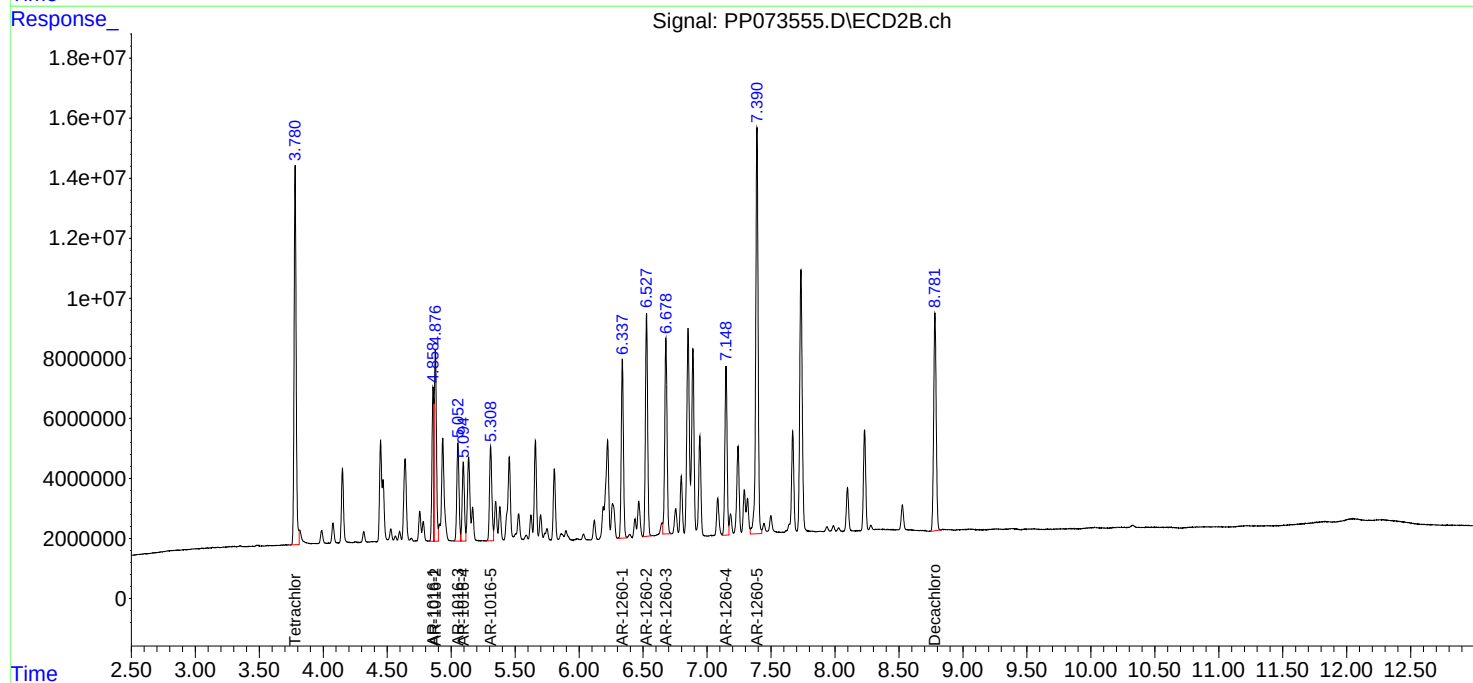
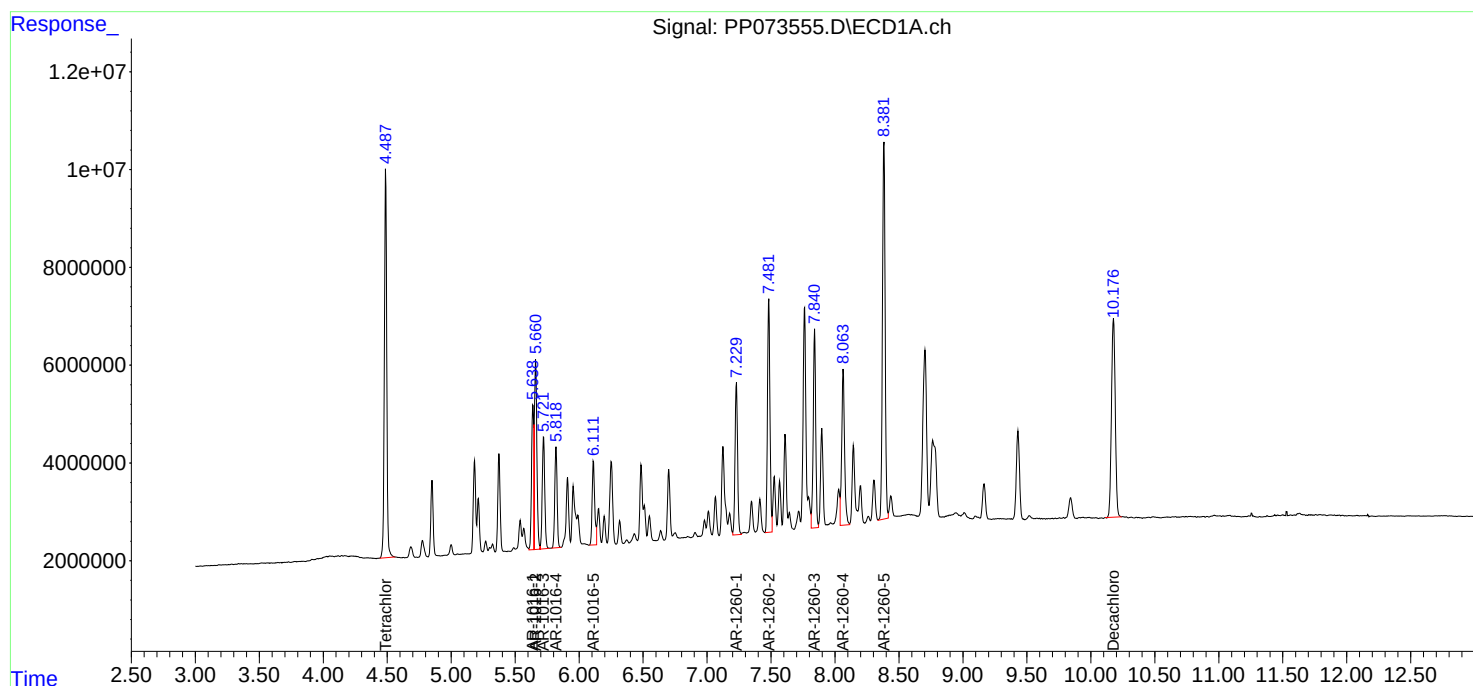
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073555.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:19
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: Jul 08 01:39:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073556.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 21:35
 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: Jul 08 01:40:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:37:59 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...	4.488	3.778	70659473	93670223	50.000	50.000
2) SA Decachlor...	10.176	8.780	57305531	66225271	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.639	4.858	23569436	34260490	500.000	500.000
4) L1 AR-1016-2	5.660	4.875	36024404	51294648	500.000	500.000
5) L1 AR-1016-3	5.722	5.051	22081319	27424517	500.000	500.000
6) L1 AR-1016-4	5.820	5.093	18296028	21948478	500.000	500.000
7) L1 AR-1016-5	6.112	5.307	16393178	27830144	500.000	500.000
31) L7 AR-1260-1	7.229	6.337	29831866	49735666	500.000	500.000
32) L7 AR-1260-2	7.483	6.525	45196946	62001775	500.000	500.000
33) L7 AR-1260-3	7.840	6.677	37345649	56146648	500.000	500.000
34) L7 AR-1260-4	8.064	7.146	33365205	46174637	500.000	500.000
35) L7 AR-1260-5	8.383	7.389	77448161	116.1E6	500.000	500.000

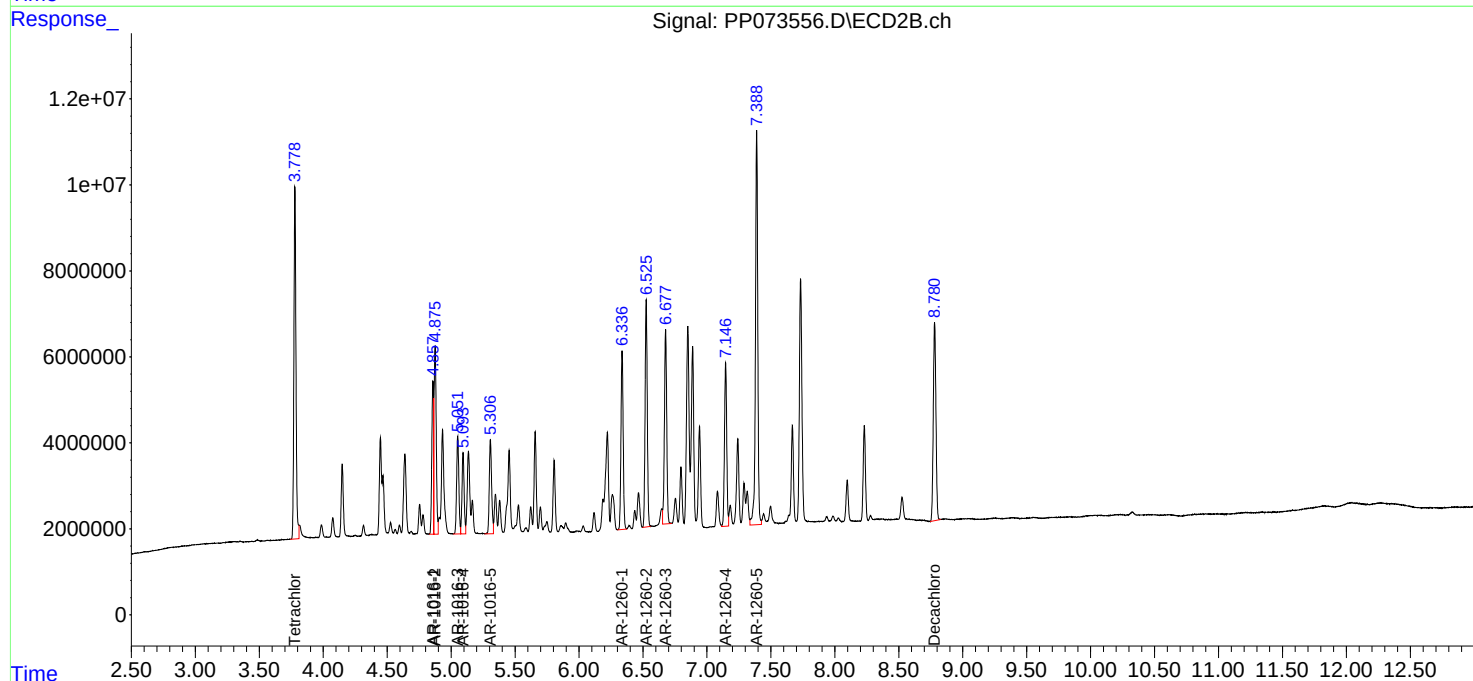
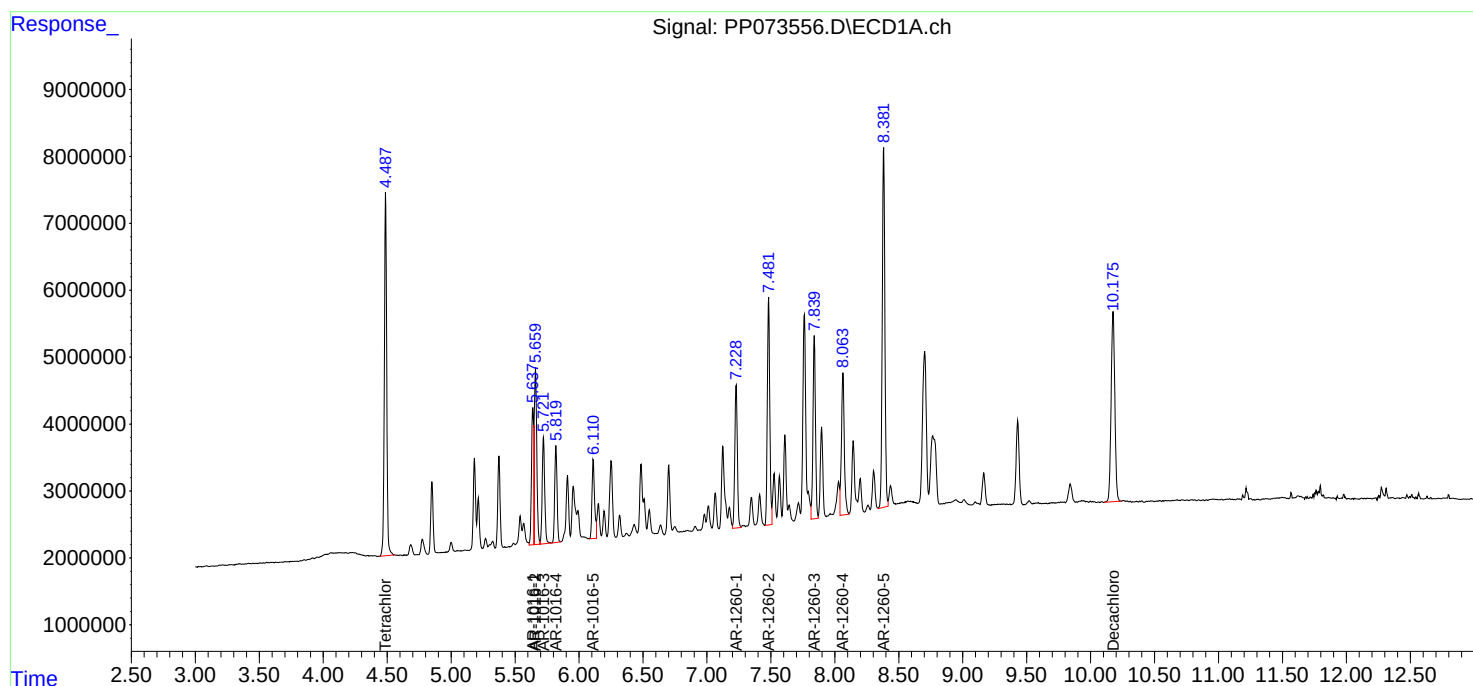
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073556.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:35
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: Jul 08 01:40:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073557.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 21:52
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:40:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:37:59 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...	4.489	3.780	36726195	48601054	25.988	25.943
2)	SA Decachlor...	10.180	8.781	29096309	36663112	25.387	27.681
Target Compounds							
3)	L1 AR-1016-1	5.640	4.858	12627919	18293907	267.888	266.983
4)	L1 AR-1016-2	5.662	4.876	19179159	27468197	266.197	267.749
5)	L1 AR-1016-3	5.723	5.053	11597460	14482667	262.608	264.046
6)	L1 AR-1016-4	5.821	5.095	9615182	11760046	262.767	267.901
7)	L1 AR-1016-5	6.113	5.308	8568508	14818058	261.344	266.223
31)	L7 AR-1260-1	7.231	6.339	15831007	26051826	265.337	261.903
32)	L7 AR-1260-2	7.484	6.527	24493361	32462748	270.963	261.789
33)	L7 AR-1260-3	7.843	6.679	19201014	29417085	257.072	261.967
34)	L7 AR-1260-4	8.066	7.147	17258868	24081302	258.636	260.763m
35)	L7 AR-1260-5	8.385	7.391	40210084	58426954	259.594	251.596m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073557.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 21:52
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

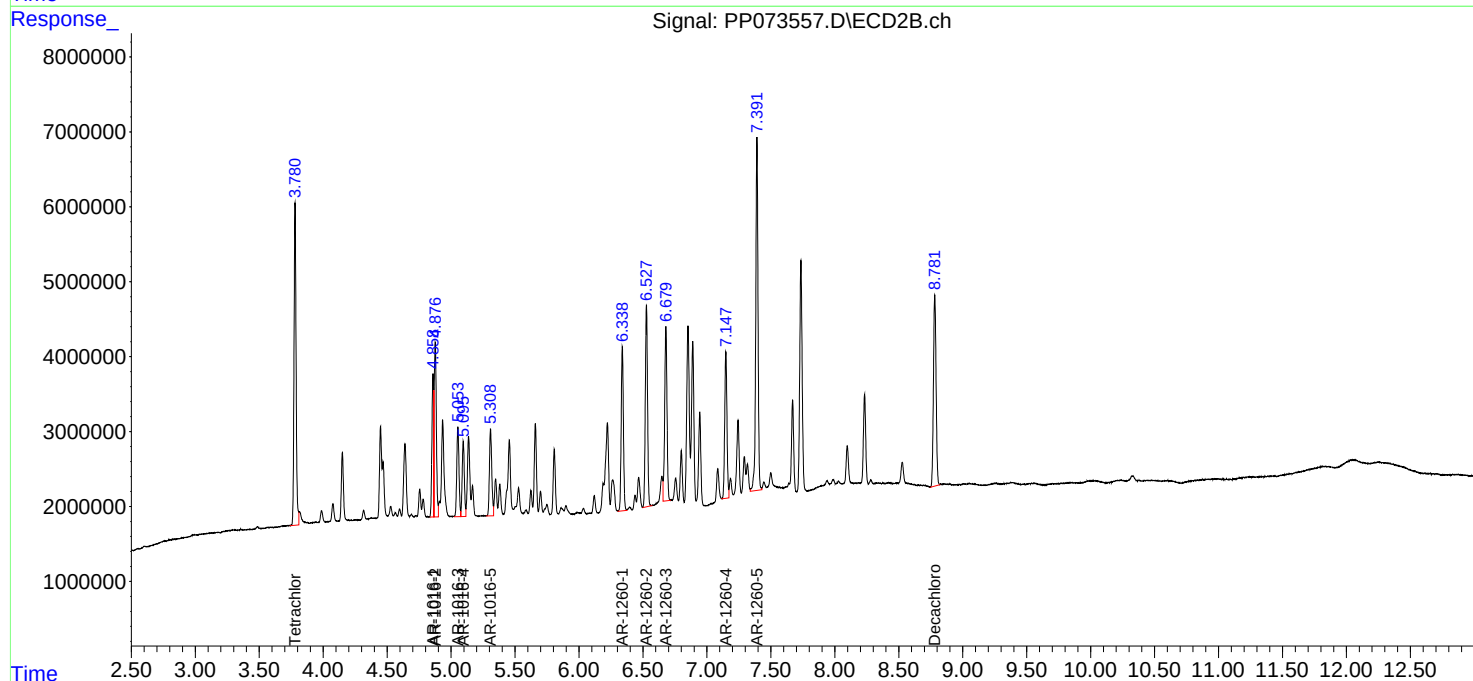
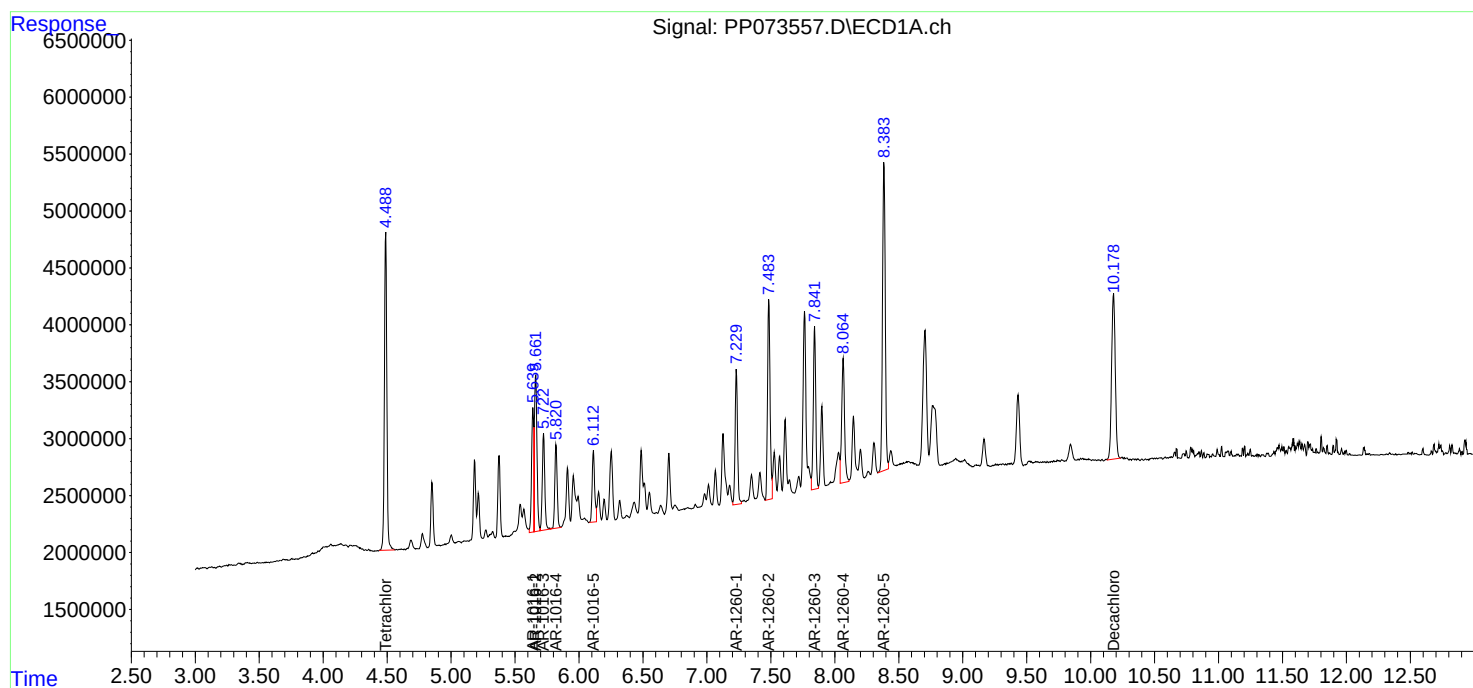
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 22:08
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:40:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:37:59 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...	4.485	3.779	6400868	8634125	4.529	4.609
2) SA Decachlor...	10.173	8.780	4780120	5986472	4.171	4.520
Target Compounds						
3) L1 AR-1016-1	5.635	4.857	2592361	3433572	54.994m	50.110
4) L1 AR-1016-2	5.658	4.875	3532445	5058097	49.029	49.304
5) L1 AR-1016-3	5.719	5.052	2287754	2711653	51.803	49.438
6) L1 AR-1016-4	5.817	5.094	1779663	2333668	48.635	53.162
7) L1 AR-1016-5	6.109	5.307	1335478	2709671	40.733	48.682
31) L7 AR-1260-1	7.226	6.336	2914675	5013856	48.852	50.405m
32) L7 AR-1260-2	7.482	6.525	6085083	6438631	67.317	51.923
33) L7 AR-1260-3	7.838	6.677	3450365	5301254	46.195	47.209
34) L7 AR-1260-4	8.061	7.146	3038521	4249208	45.534	46.012m
35) L7 AR-1260-5	8.379	7.388	6955237	10235896	44.903	44.077m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073558.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:08
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

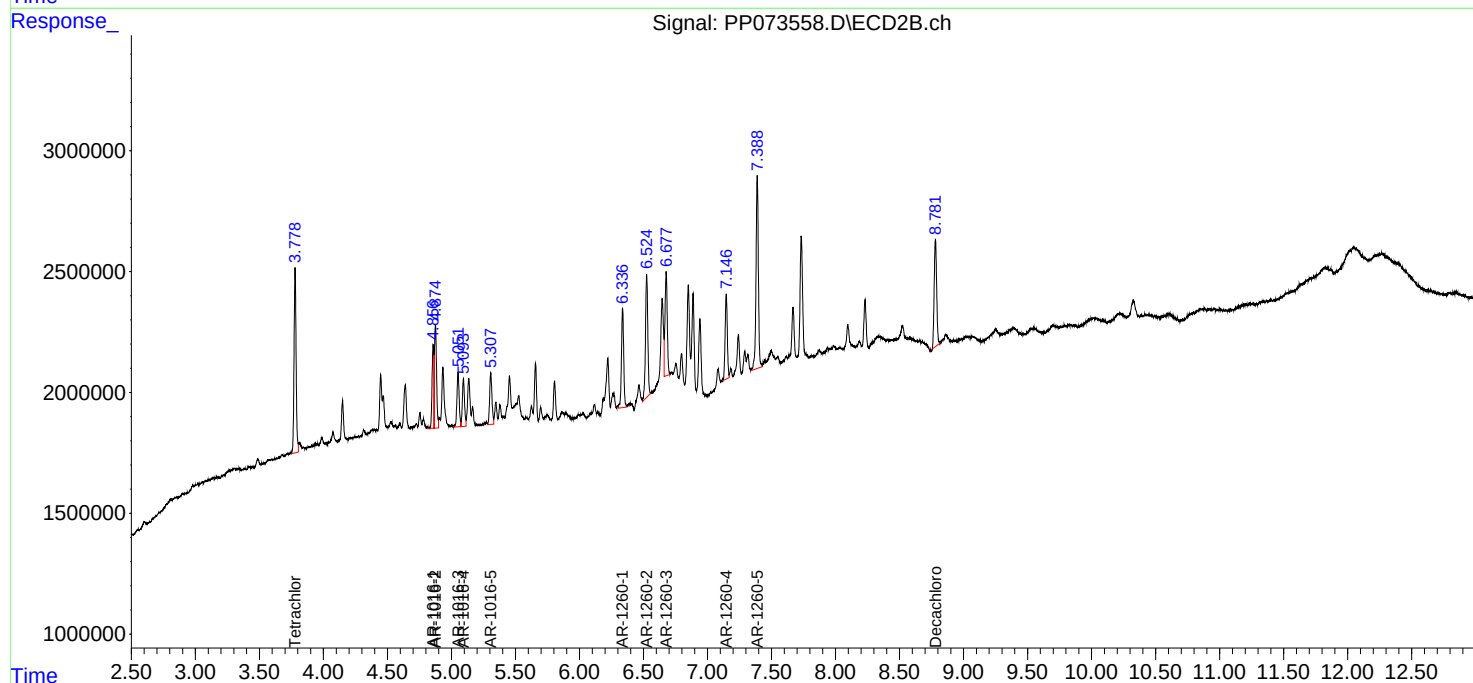
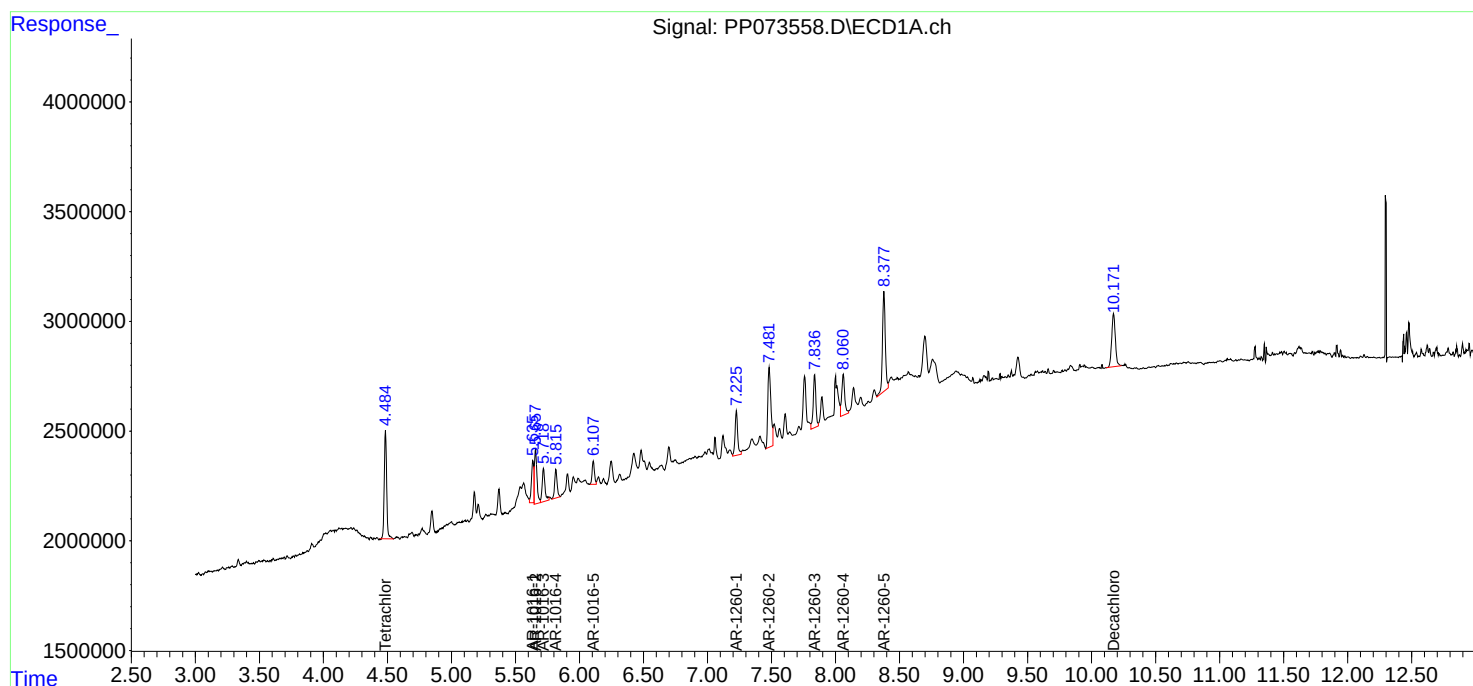
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:37:59 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073559.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 22:24
 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: Jul 08 01:53:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:53:24 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...	4.489	3.779	71300233	92532894	50.000	50.000
2) SA Decachlor...	10.176	8.782	56752030	68180160	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.690	3.988	8933218	13522466	500.000	500.000
9) L2 AR-1221-2	4.776	4.075	6752235	10180159	500.000	500.000
10) L2 AR-1221-3	4.851	4.150	20802411	30724321	500.000	500.000

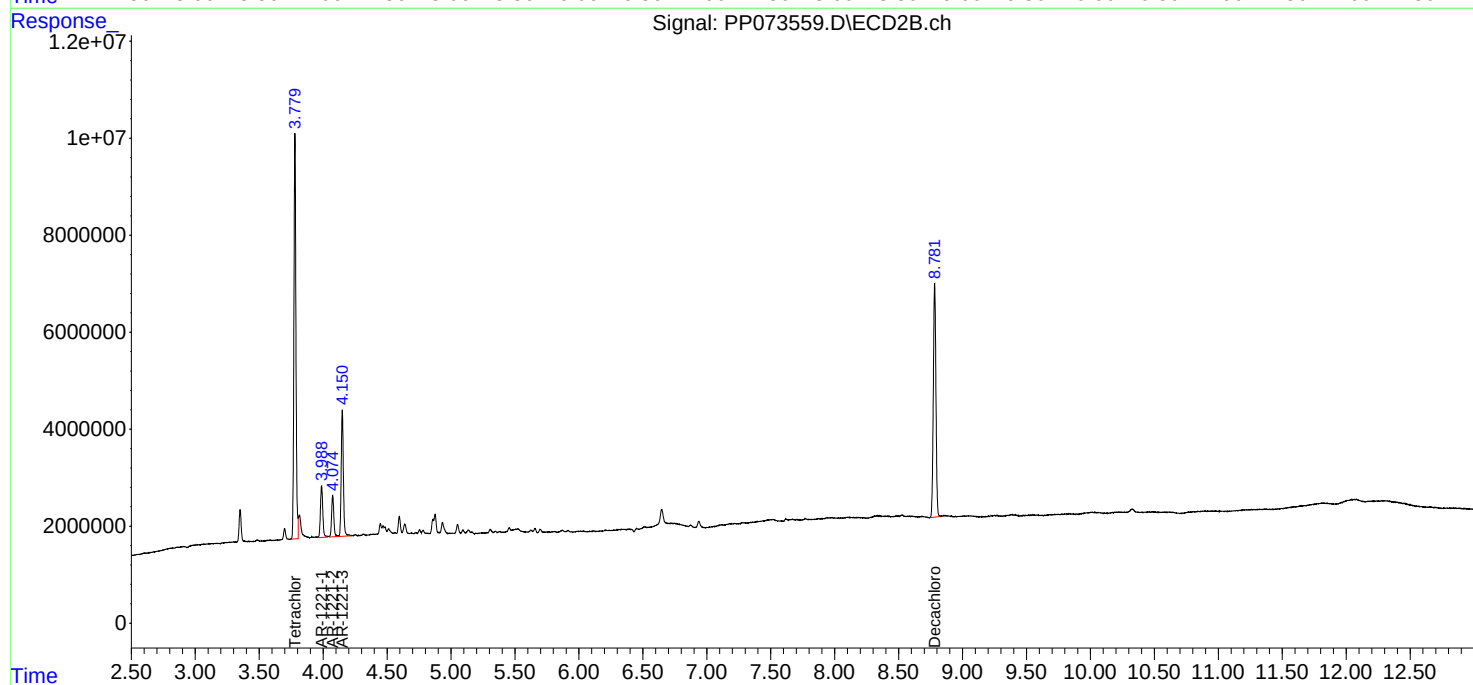
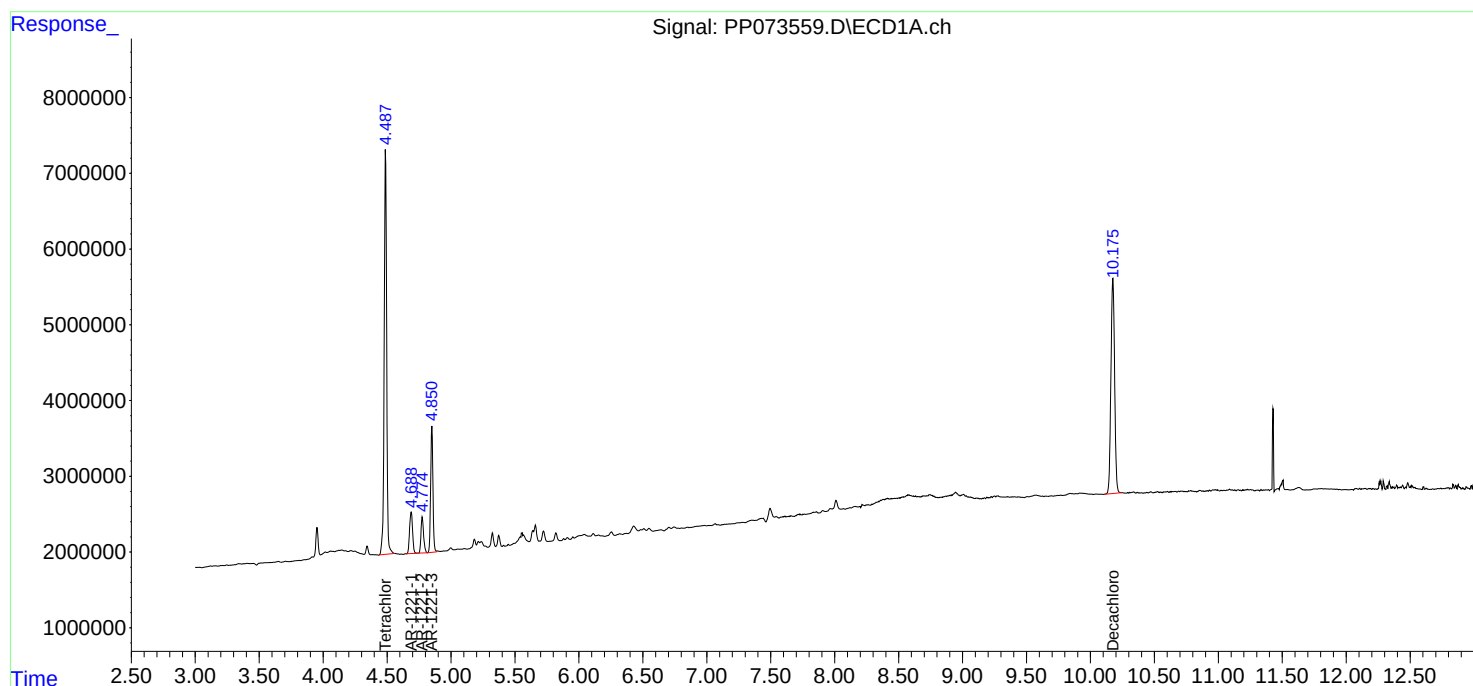
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073559.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:24
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: Jul 08 01:53:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:53:24 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073560.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 22:41
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 01:58:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 01:58:13 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...	4.488	3.779	69747801	89329746	50.000	50.000
2) SA Decachlor...	10.175	8.781	55031795	64481917	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.850	4.149	16325352	23307175	500.000	500.000
12) L3 AR-1232-2	5.374	4.875	8127340	23829904	500.000	500.000
13) L3 AR-1232-3	5.660	5.052	16496729	12514513	500.000	500.000
14) L3 AR-1232-4	5.820	5.137	8222579	10828145	500.000	500.000
15) L3 AR-1232-5	5.909	5.308	5285179	11281724	500.000	500.000

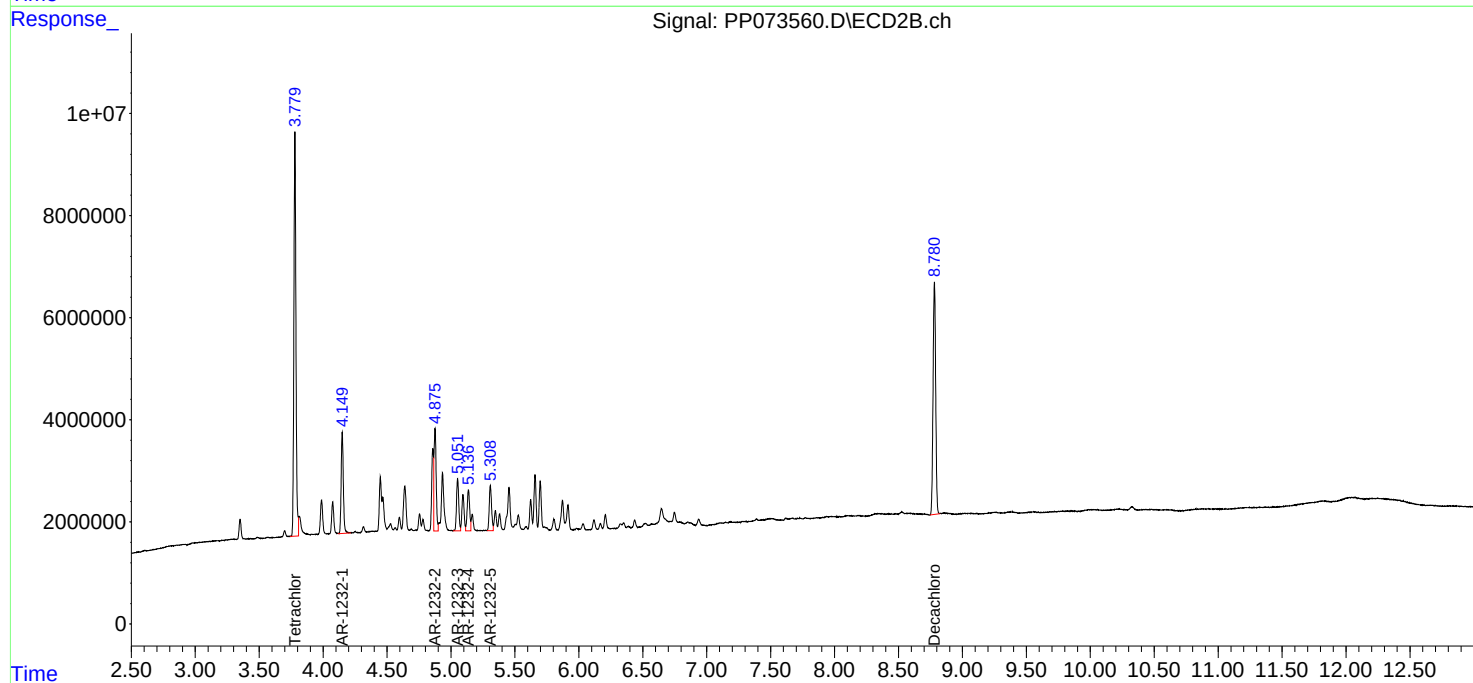
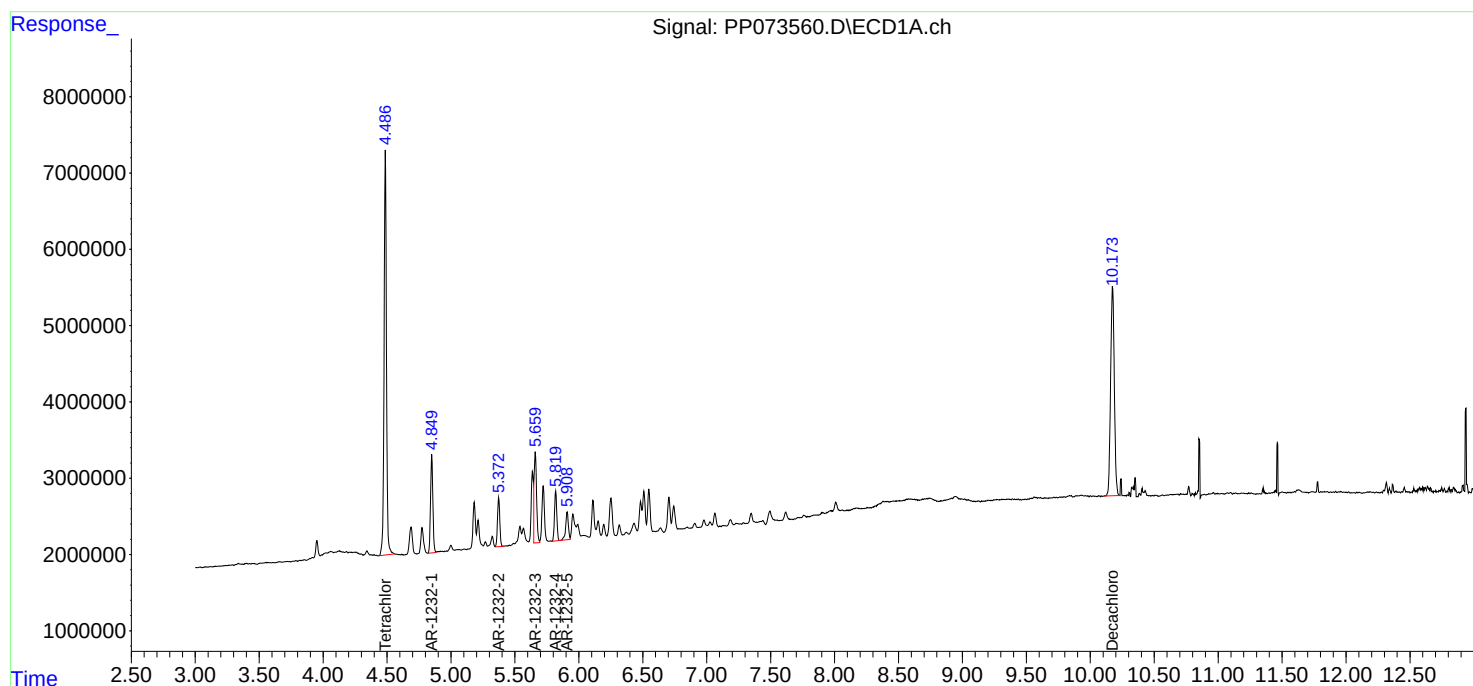
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073560.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:41
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 01:58:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 01:58:13 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 22:57
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:03:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:03:06 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...	4.489	3.779	133.6E6	178.7E6	93.639	94.390
2)	SA Decachlor...	10.177	8.779	109.6E6	130.7E6	95.735	96.573
Target Compounds							
16)	L4 AR-1242-1	5.639	4.857	37824570	53636877	927.891	888.918
17)	L4 AR-1242-2	5.661	4.874	59433539	81745742	941.383	919.241
18)	L4 AR-1242-3	5.723	5.051	35307728	43191003	927.513	907.757
19)	L4 AR-1242-4	5.820	5.135	29431539	40719317	927.311	902.527
20)	L4 AR-1242-5	6.549	5.656	31742412	53173633	951.704	931.769

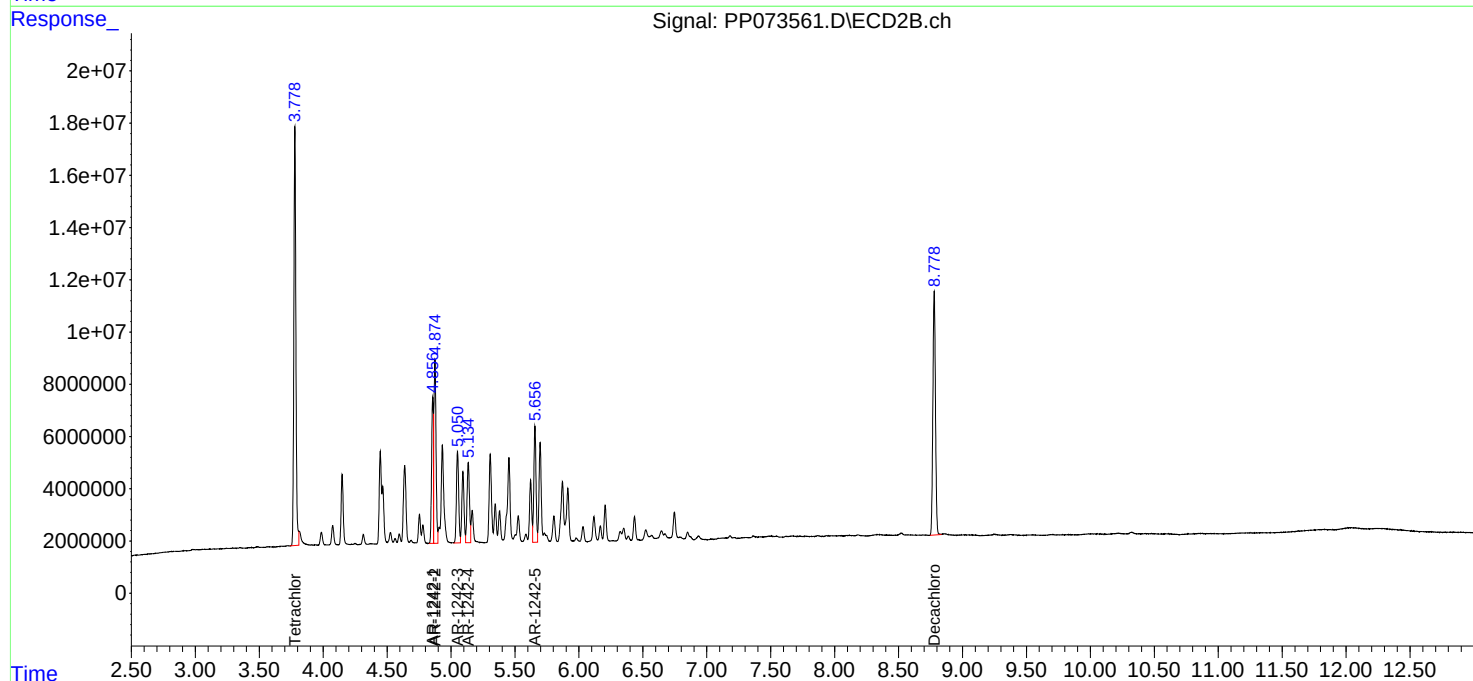
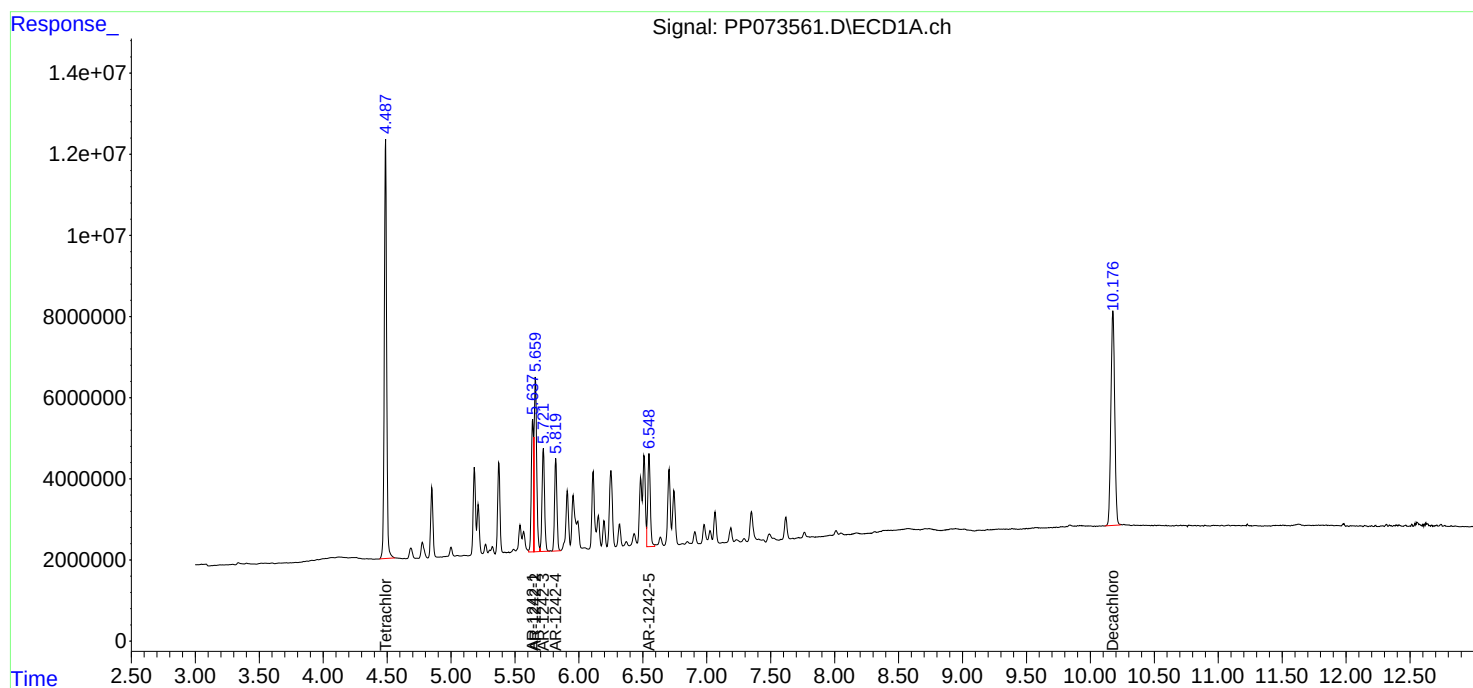
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 22:57
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:03:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073562.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 23:14
 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: Jul 08 02:04:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:03:06 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...	4.487	3.779	101.2E6	134.0E6	70.925	70.781
2) SA Decachlor...	10.176	8.781	83819765	102.7E6	73.236	75.941
Target Compounds						
16) L4 AR-1242-1	5.637	4.858	28898659	42483367	708.926	704.072
17) L4 AR-1242-2	5.660	4.875	44240913	61742767	700.743	694.305
18) L4 AR-1242-3	5.721	5.051	26874126	33146056	705.967	696.639
19) L4 AR-1242-4	5.819	5.135	22658657	31400295	713.915	695.975
20) L4 AR-1242-5	6.548	5.657	23721271	40207089	711.214	704.555

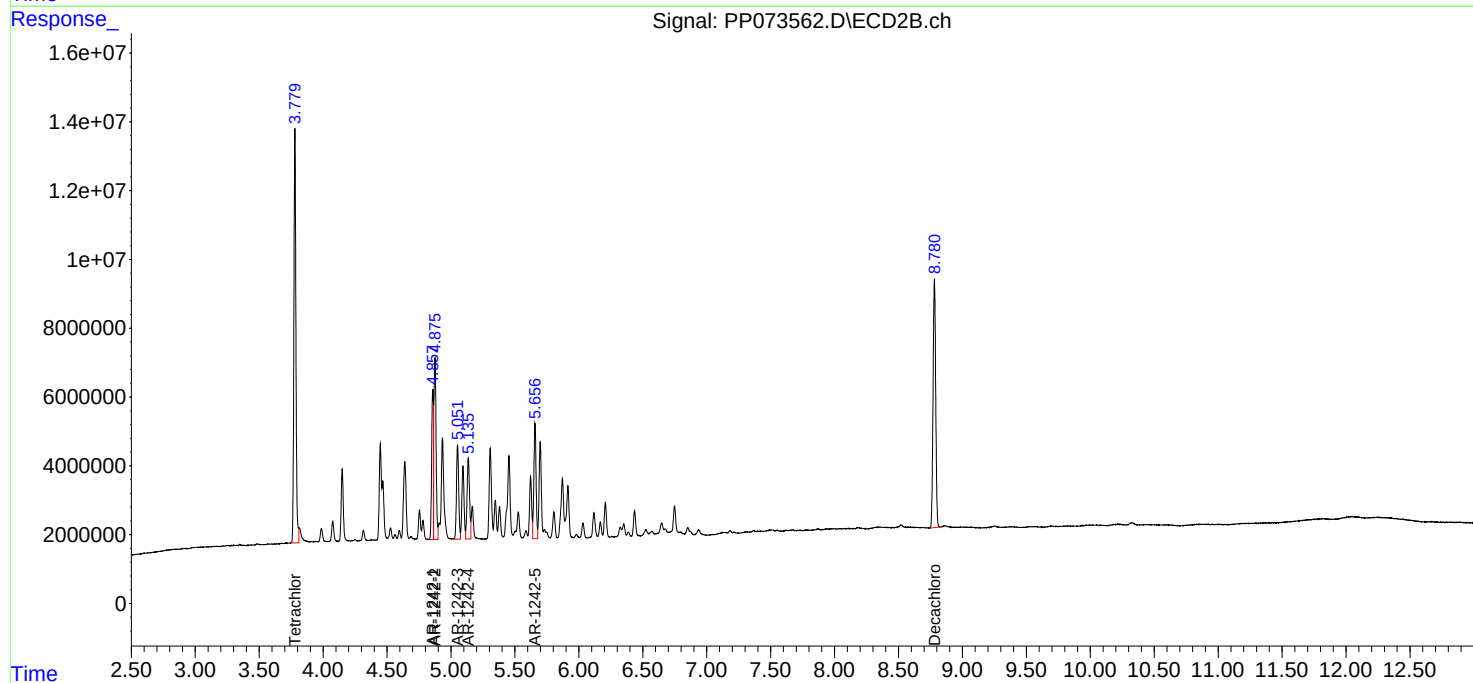
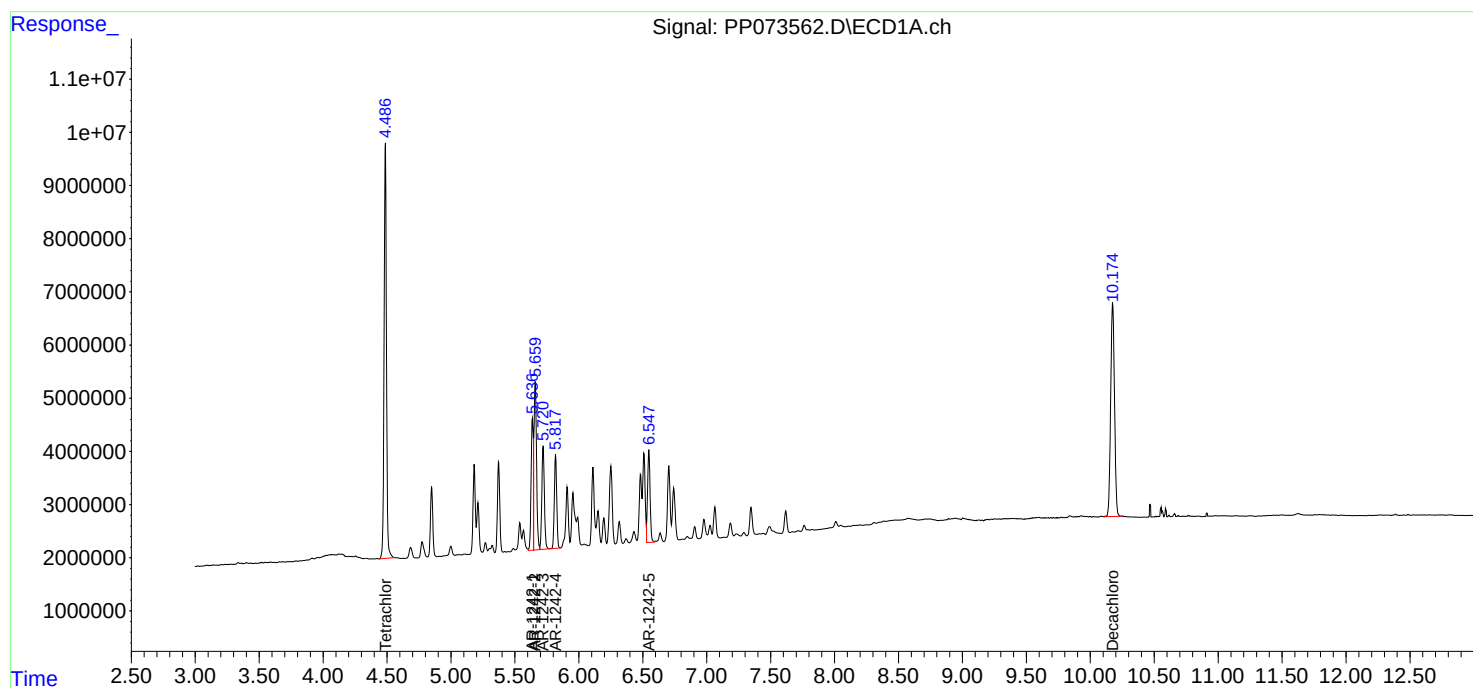
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073562.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:14
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: Jul 08 02:04:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073563.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 23:30
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:04:41 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:03:06 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...	4.485	3.779	71360618	94672779	50.000	50.000
2) SA Decachlor...	10.173	8.781	57225953	67650592	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.636	4.858	20382014	30169740	500.000	500.000
17) L4 AR-1242-2	5.658	4.875	31567127	44463701	500.000	500.000
18) L4 AR-1242-3	5.720	5.052	19033543	23789965	500.000	500.000
19) L4 AR-1242-4	5.817	5.136	15869296	22558507	500.000	500.000
20) L4 AR-1242-5	6.546	5.657	16676614	28533697	500.000	500.000

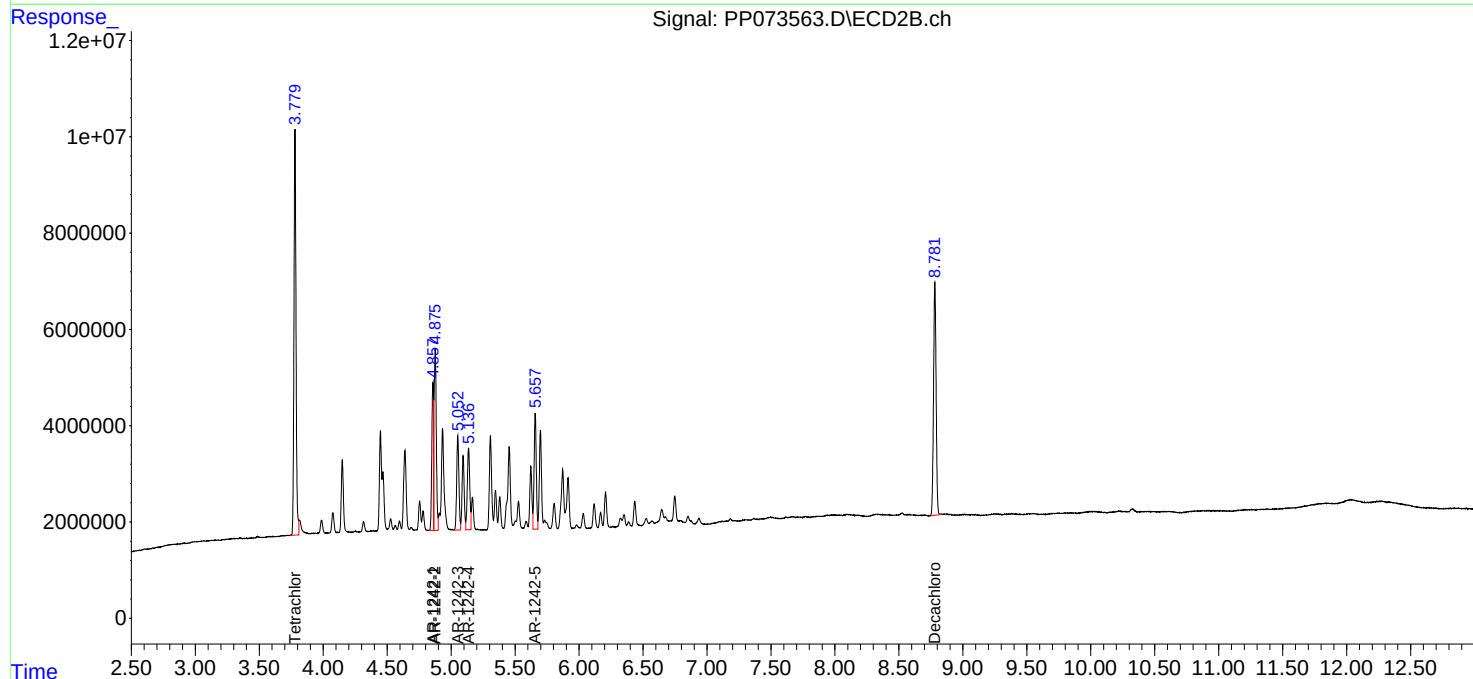
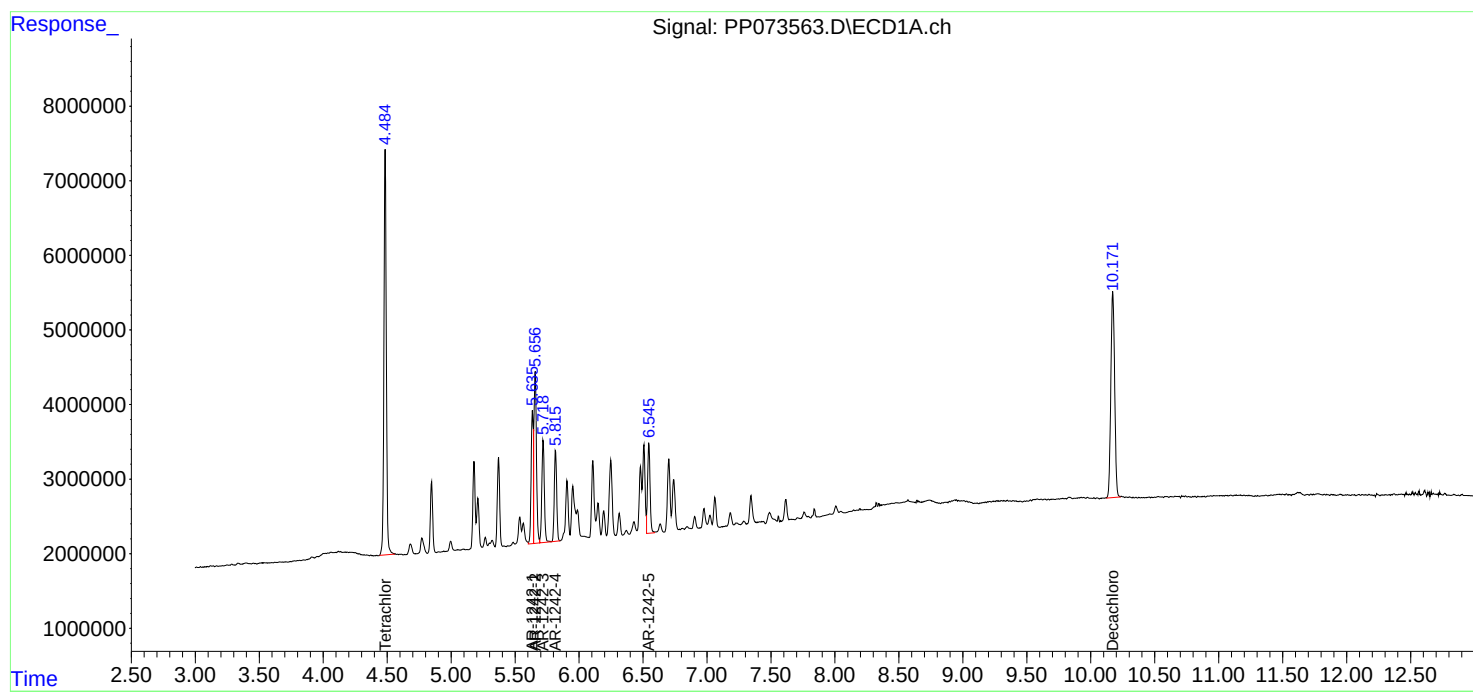
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073563.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:30
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:04:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073564.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jul 2025 23:46
 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: Jul 08 02:05:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:03:06 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...	4.488	3.779	35973232	49943783	25.205	26.377
2) SA Decachlor...	10.176	8.781	28867365	35186918	25.222	26.006
Target Compounds						
16) L4 AR-1242-1	5.638	4.857	10586937	15530210	259.713	257.381
17) L4 AR-1242-2	5.660	4.875	16251959	22939126	257.419	257.953
18) L4 AR-1242-3	5.722	5.051	9827935	12210872	258.174	256.639
19) L4 AR-1242-4	5.819	5.135	8068875	11715170	254.229	259.662
20) L4 AR-1242-5	6.550	5.656	8772262	14646179	263.011	256.647

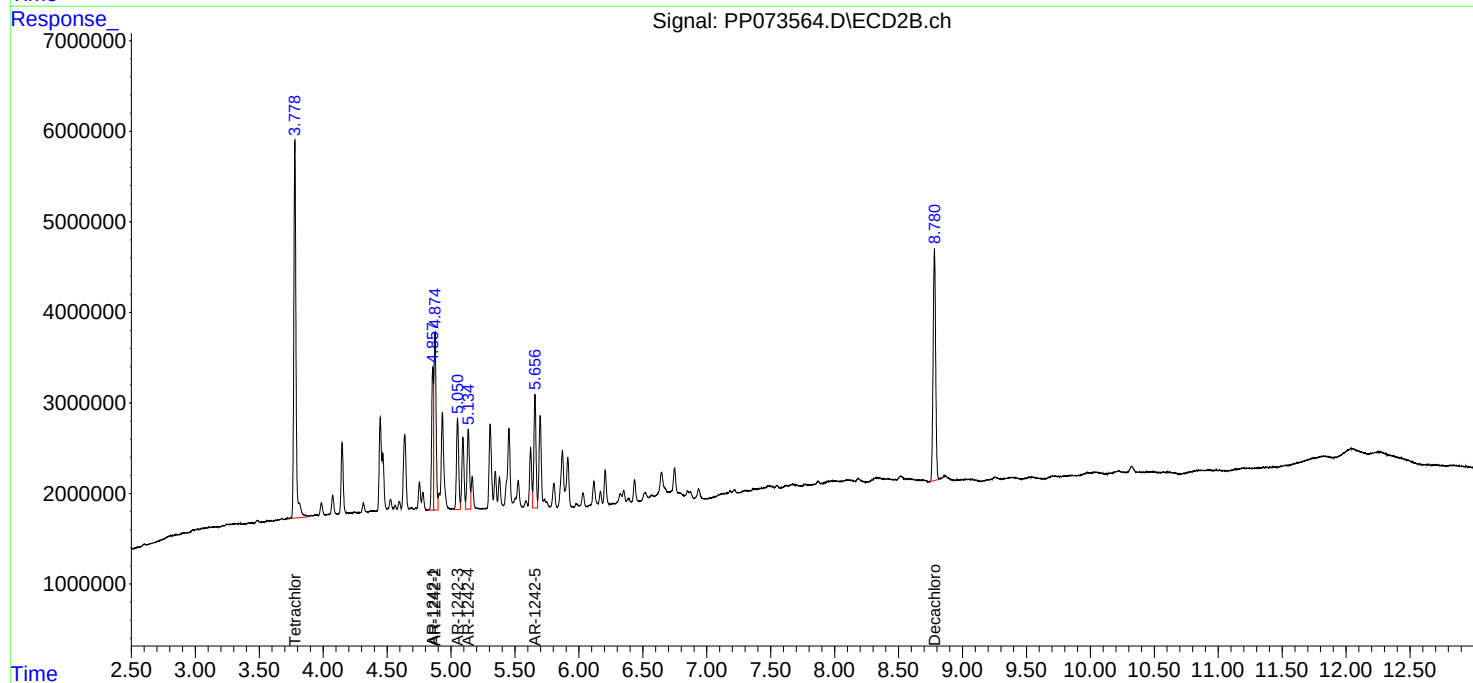
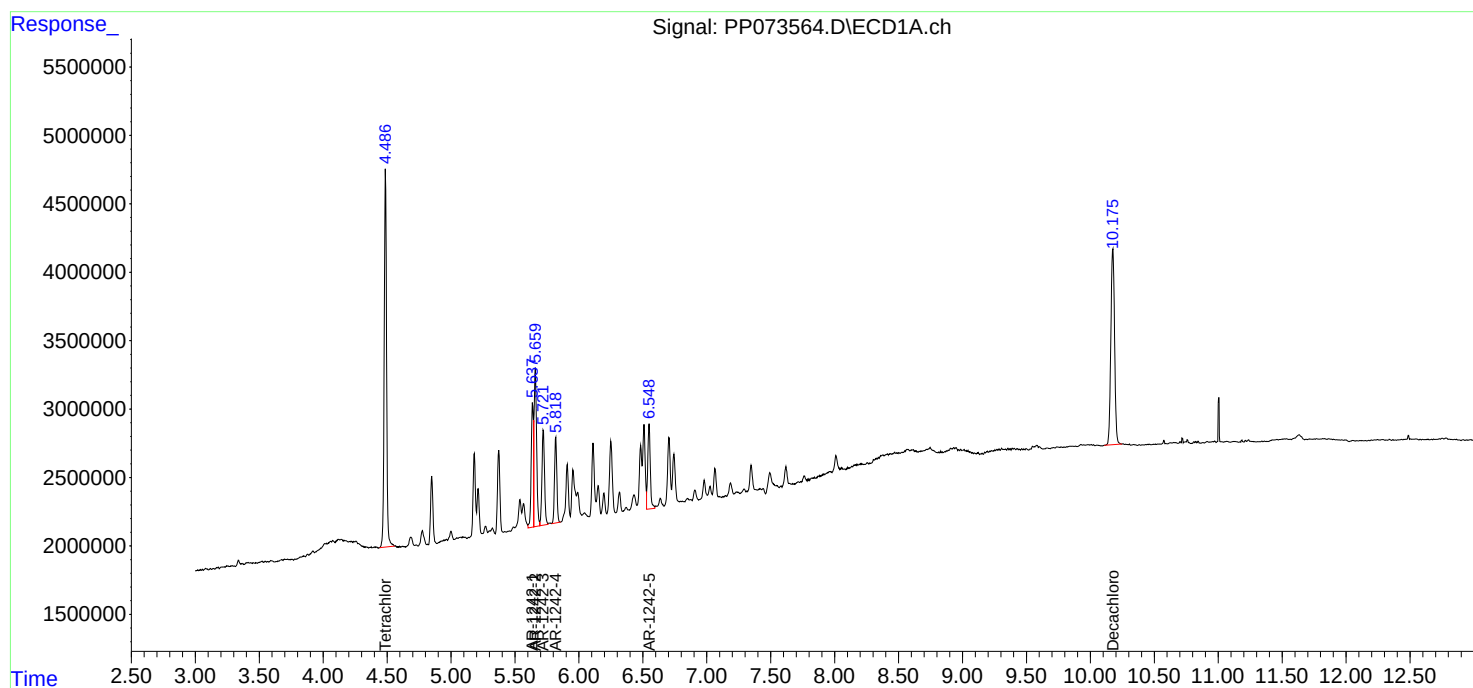
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073564.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 23:46
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: Jul 08 02:05:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 00:03
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:05:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:03:06 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...	4.487	3.779	6312847	8330986	4.423	4.400
2) SA Decachlor...	10.173	8.780	4963140	5974096	4.336	4.415
Target Compounds						
16) L4 AR-1242-1	5.636	4.857	1573661	2804106	38.604m	46.472
17) L4 AR-1242-2	5.657	4.875	2642334	4375880	41.853m	49.207
18) L4 AR-1242-3	5.720	5.052	1729292	2296207	45.427m	48.260
19) L4 AR-1242-4	5.818	5.136	1851147	2337623	58.325	51.812
20) L4 AR-1242-5	6.546	5.657	1593566	2688857	47.778m	47.117

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073565.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:03
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

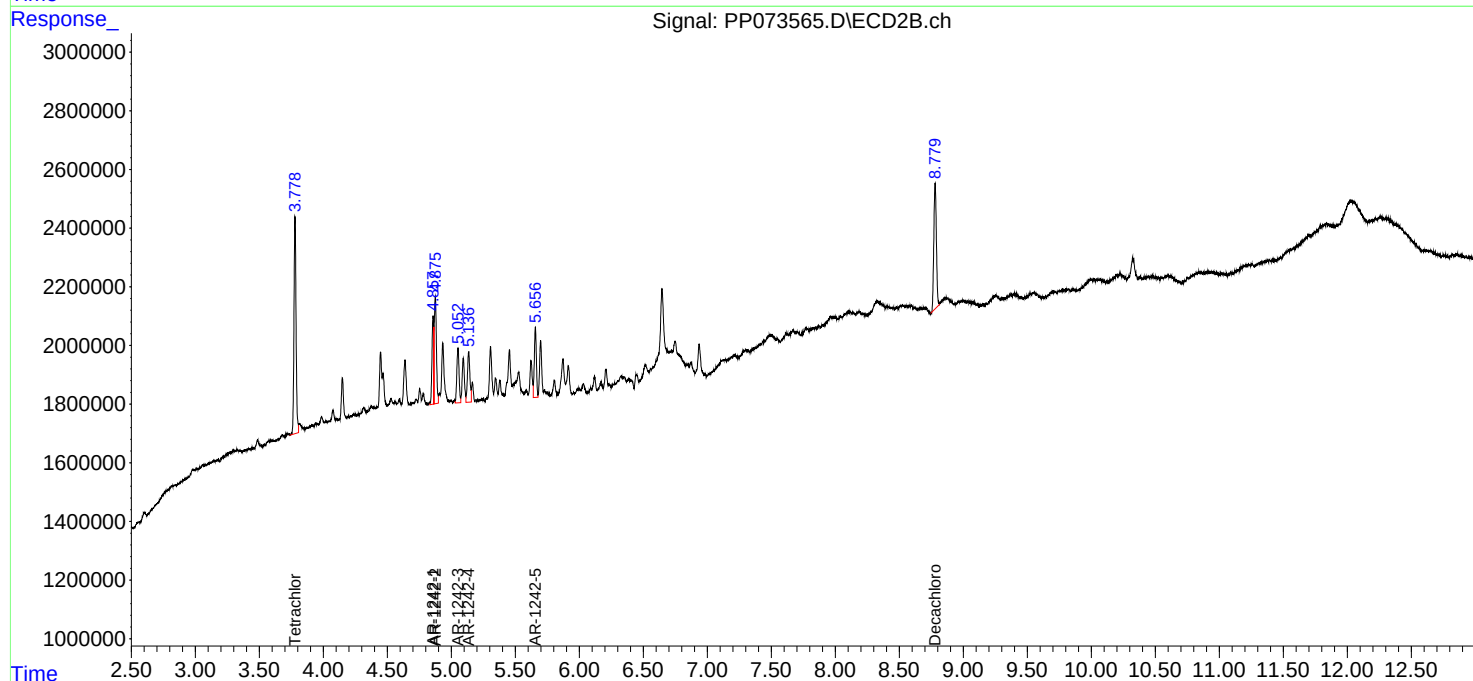
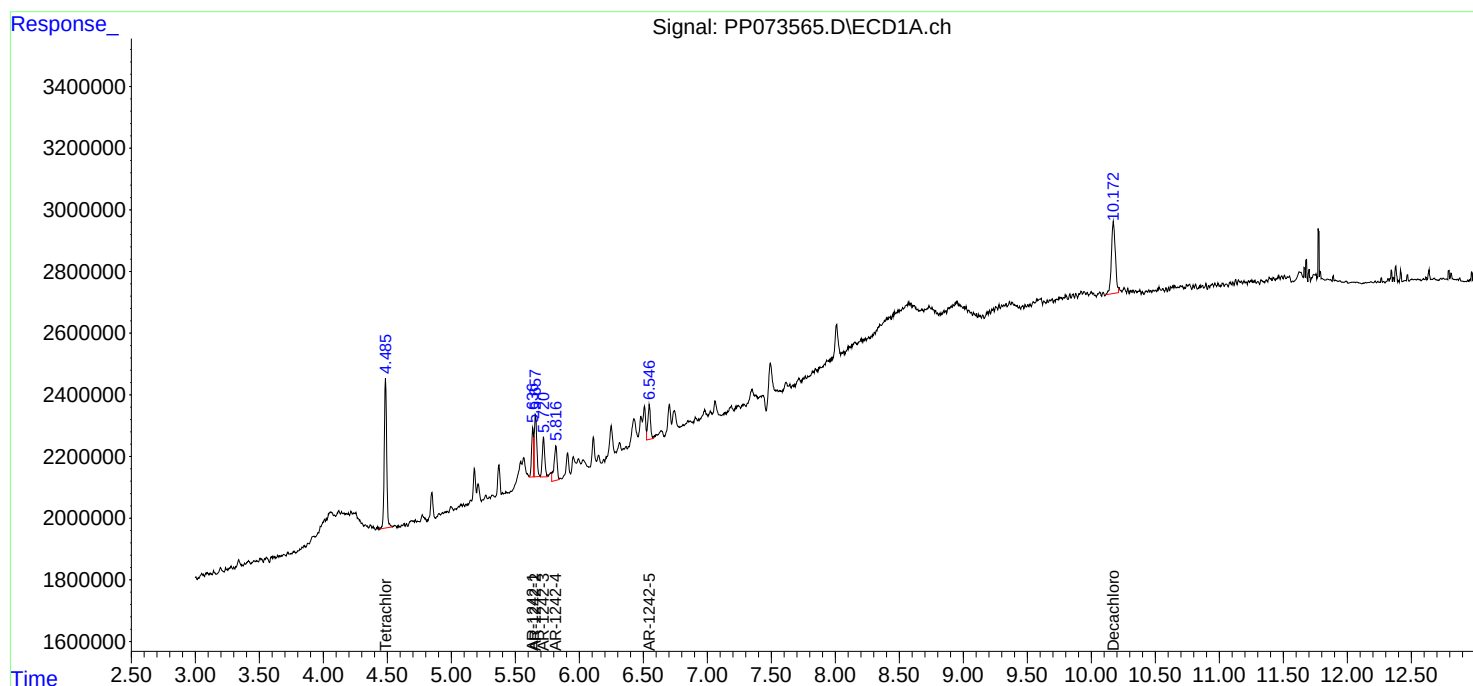
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:05:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:03:06 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 00:19
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:20:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:20:17 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...	4.488	3.779	132.2E6	185.5E6	93.396	97.125
2) SA Decachlor...	10.176	8.781	109.8E6	129.8E6	95.885	95.444
Target Compounds						
21) L5 AR-1248-1	5.639	4.857	29290065	41993150	931.027	929.349
22) L5 AR-1248-2	5.910	5.093	37625323	55737799	928.212	900.609
23) L5 AR-1248-3	6.112	5.136	43927993	58429721	953.396	907.187
24) L5 AR-1248-4	6.510	5.307	53376796	68661033	934.019	911.732
25) L5 AR-1248-5	6.549	5.698	51803368	69725277	929.059	912.356

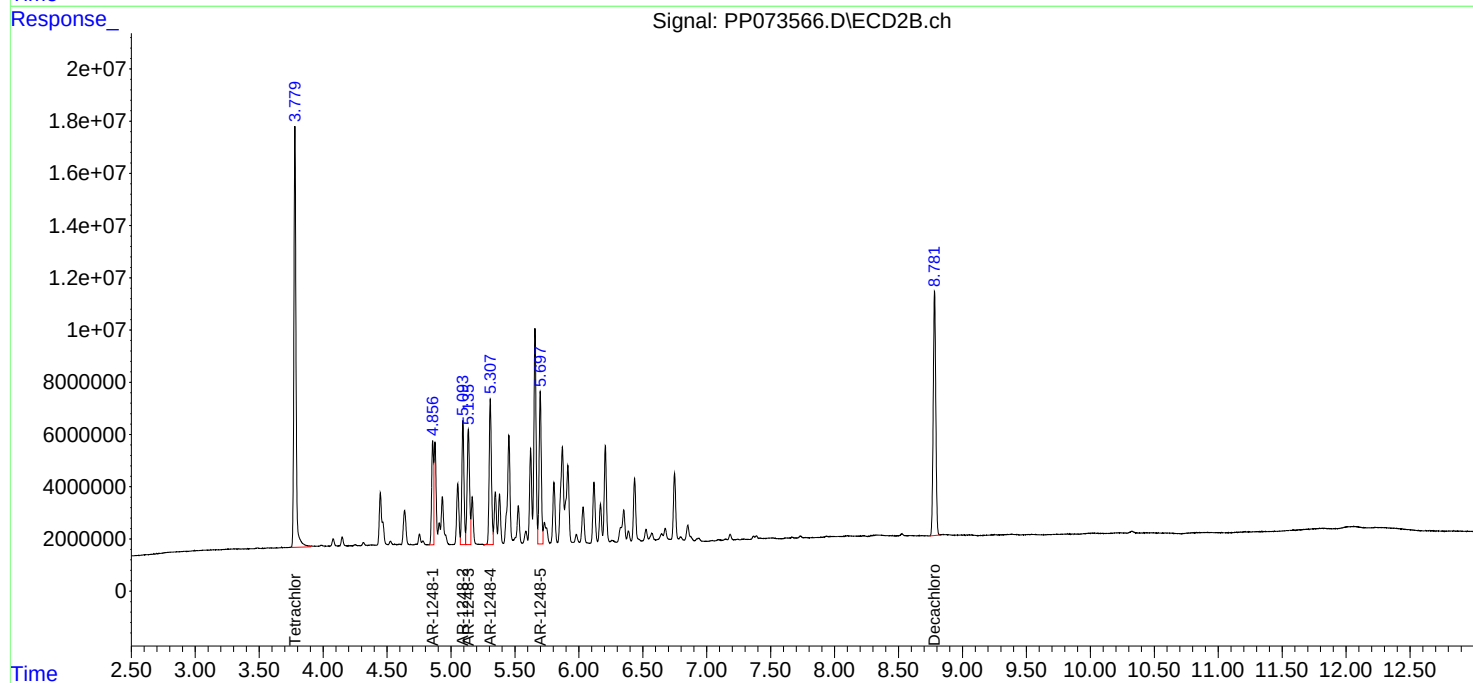
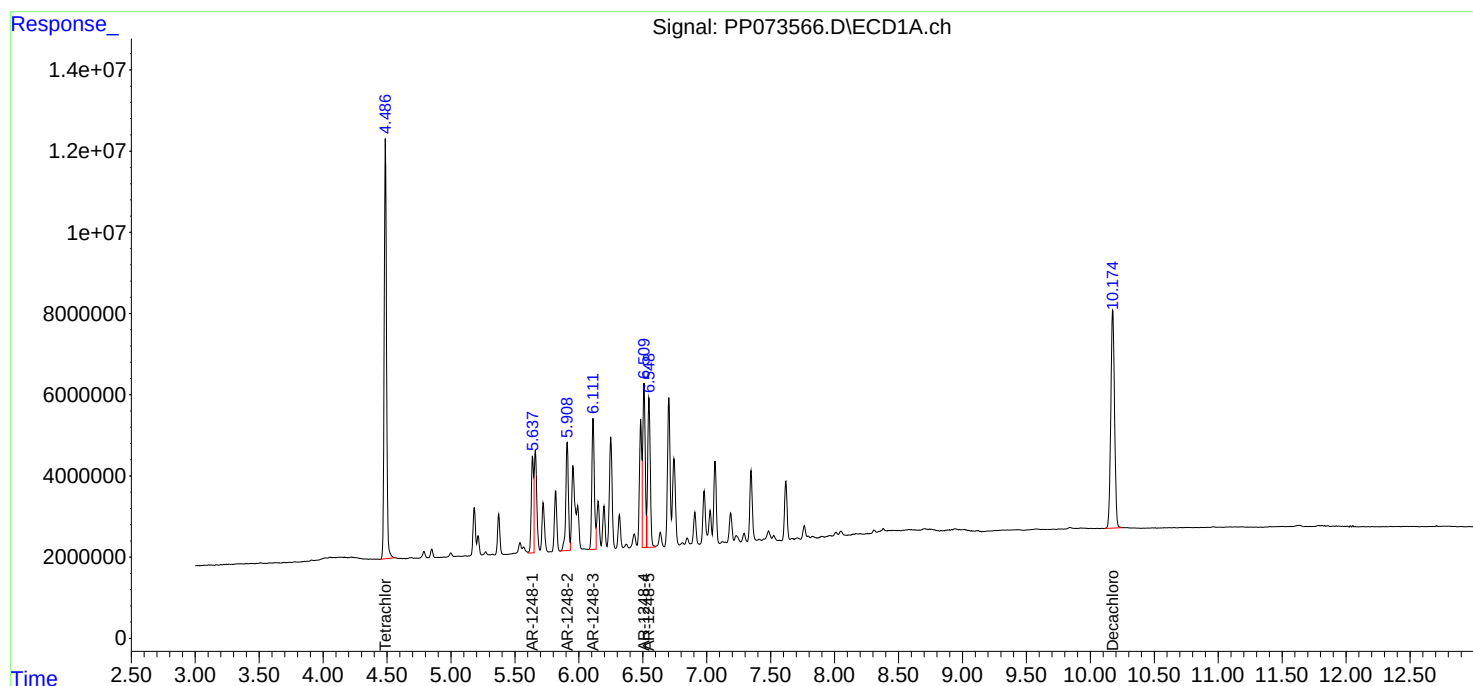
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073566.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:19
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:20:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073567.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 00:35
 Operator : YP\AJ
 Sample : AR1248ICCC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICCC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:21:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:20:17 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...	4.489	3.779	102.8E6	139.9E6	72.663	73.239
2) SA Decachlor...	10.178	8.781	84981366	104.5E6	74.210	76.789
Target Compounds						
21) L5 AR-1248-1	5.639	4.858	22755547	32692852	723.318	723.525
22) L5 AR-1248-2	5.911	5.094	29802657	43939758	735.228	709.977
23) L5 AR-1248-3	6.113	5.135	34385217	45992259	746.283	714.081
24) L5 AR-1248-4	6.511	5.307	41943849	54019844	733.958	717.315
25) L5 AR-1248-5	6.551	5.698	40278207	54907819	722.363	718.469

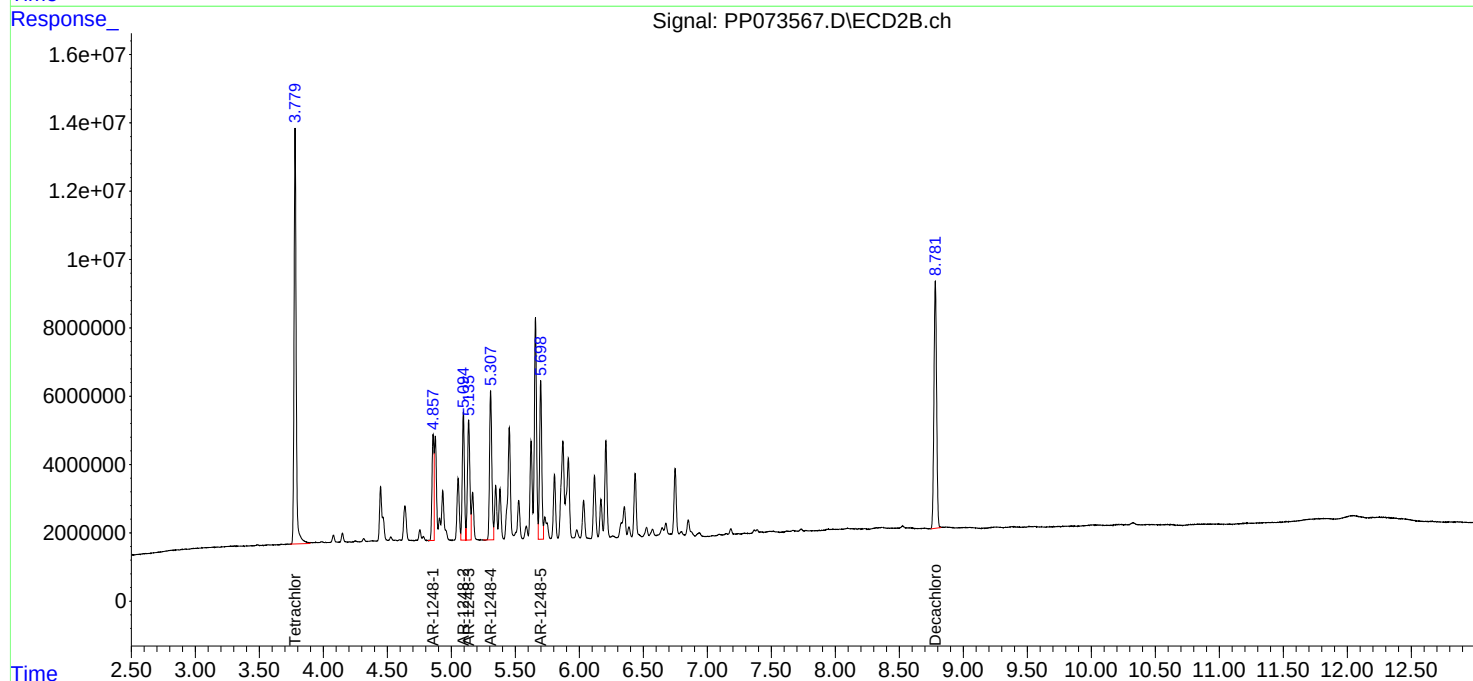
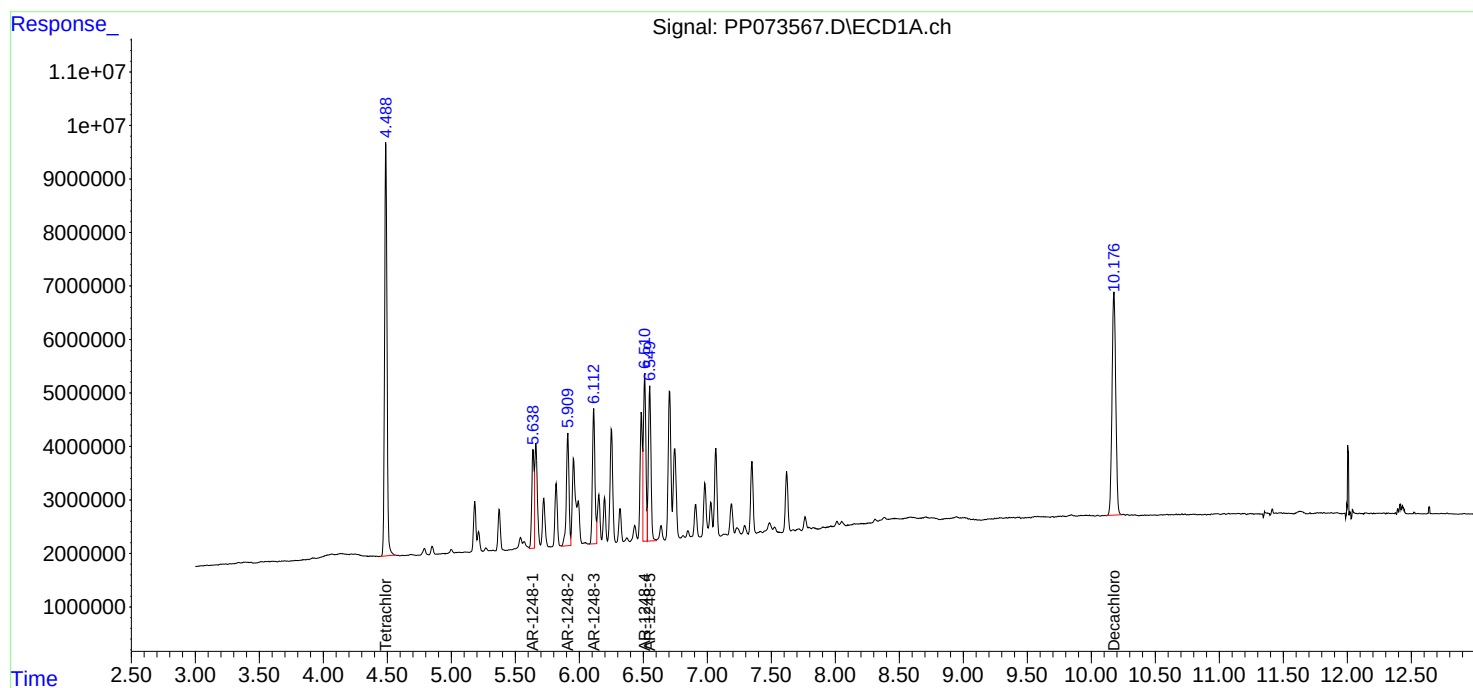
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073567.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:35
Operator : YP\AJ
Sample : AR1248ICCC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICCC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:21:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073568.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 00:52
 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: Jul 08 02:21:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:20:17 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...	4.486	3.779	70771652	95520830	50.000	50.000
2) SA Decachlor...	10.174	8.781	57257196	68017781	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.637	4.857	15729968	22592772	500.000	500.000
22) L5 AR-1248-2	5.907	5.094	20267627	30944510	500.000	500.000
23) L5 AR-1248-3	6.110	5.136	23037645	32203795	500.000	500.000
24) L5 AR-1248-4	6.509	5.307	28573723	37654186	500.000	500.000
25) L5 AR-1248-5	6.547	5.698	27879471	38211657	500.000	500.000

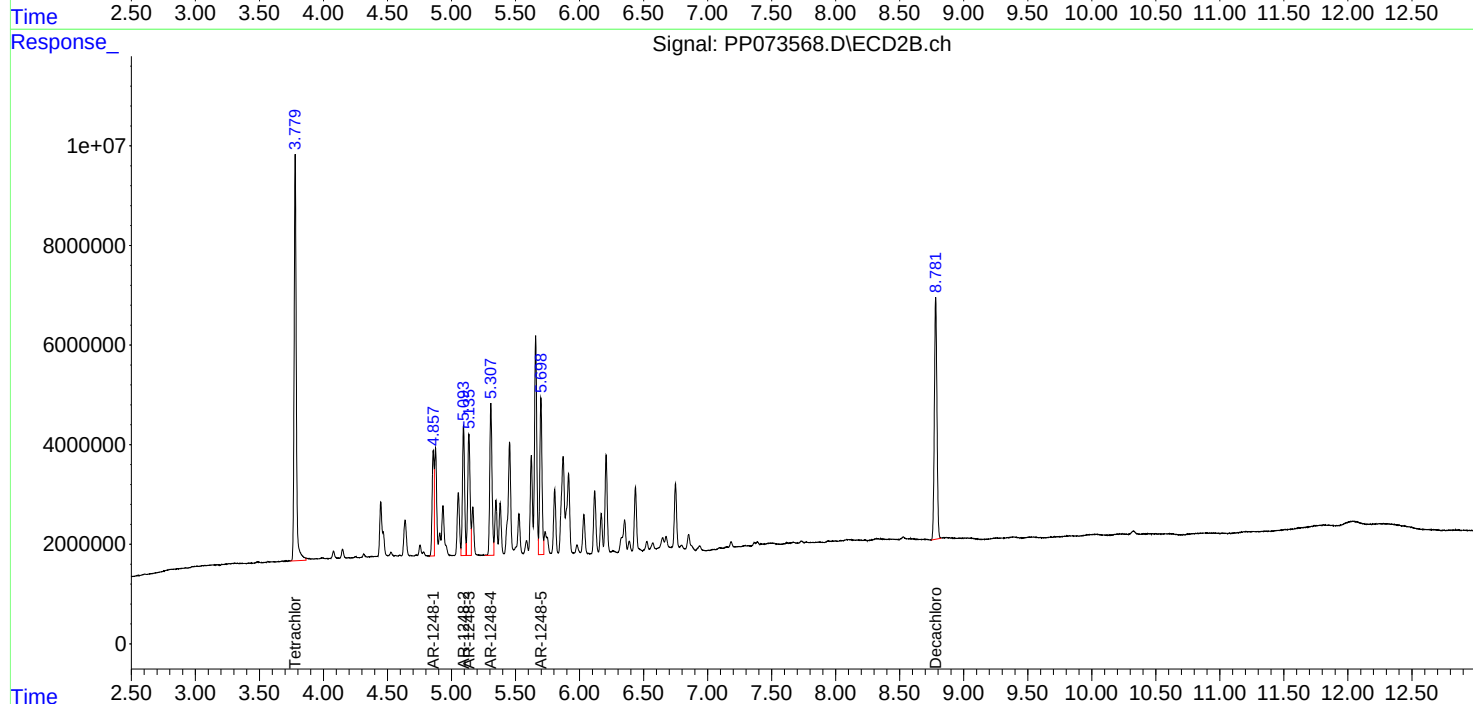
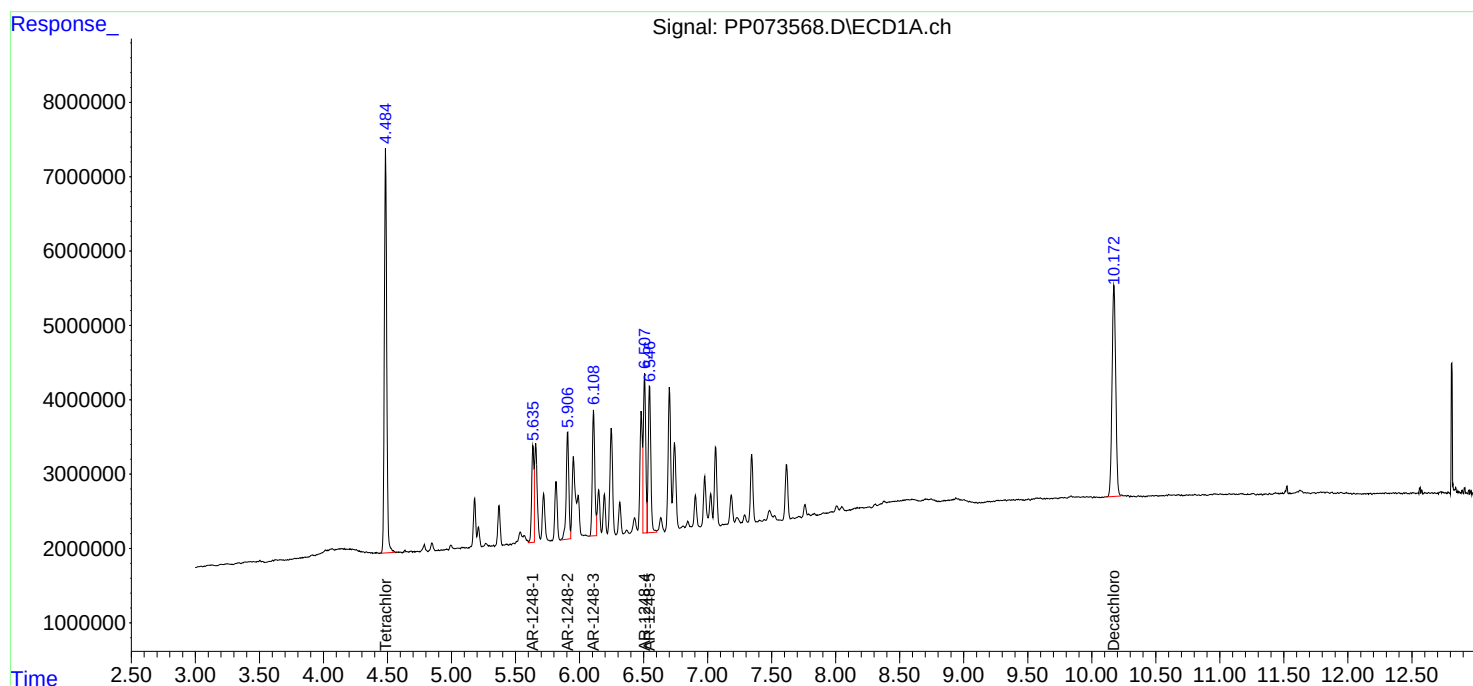
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073568.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 00:52
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: Jul 08 02:21:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 01:08
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:22:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:20:17 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...	4.490	3.779	36421864	49176634	25.732	25.741
2) SA Decachlor...	10.178	8.780	29322870	36021021	25.606	26.479
Target Compounds						
21) L5 AR-1248-1	5.640	4.857	8580276	12460998	272.737	275.774
22) L5 AR-1248-2	5.912	5.093	11018738	16676734	271.831	269.462
23) L5 AR-1248-3	6.114	5.136	12142276	17367378	263.531	269.648
24) L5 AR-1248-4	6.513	5.307	14943654	20433630	261.493	271.333
25) L5 AR-1248-5	6.552	5.698	14485646	20424181	259.791	267.251

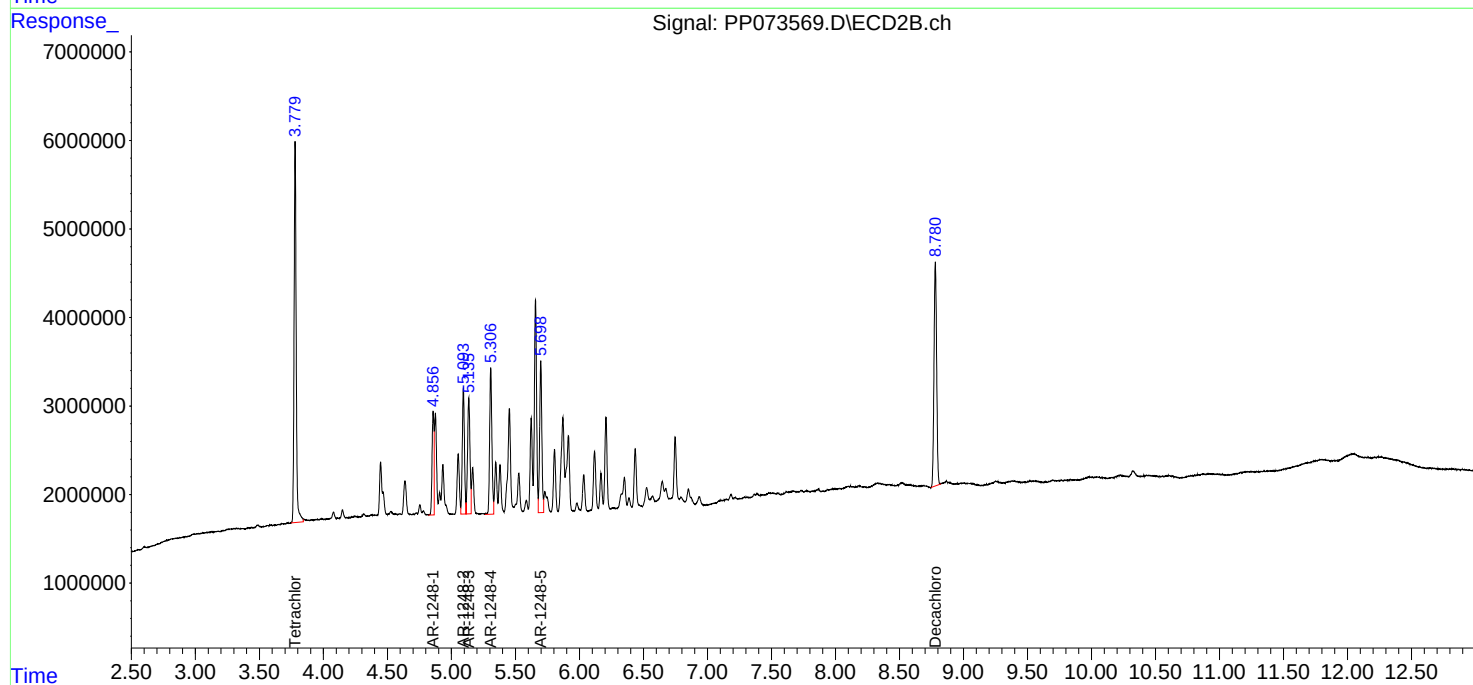
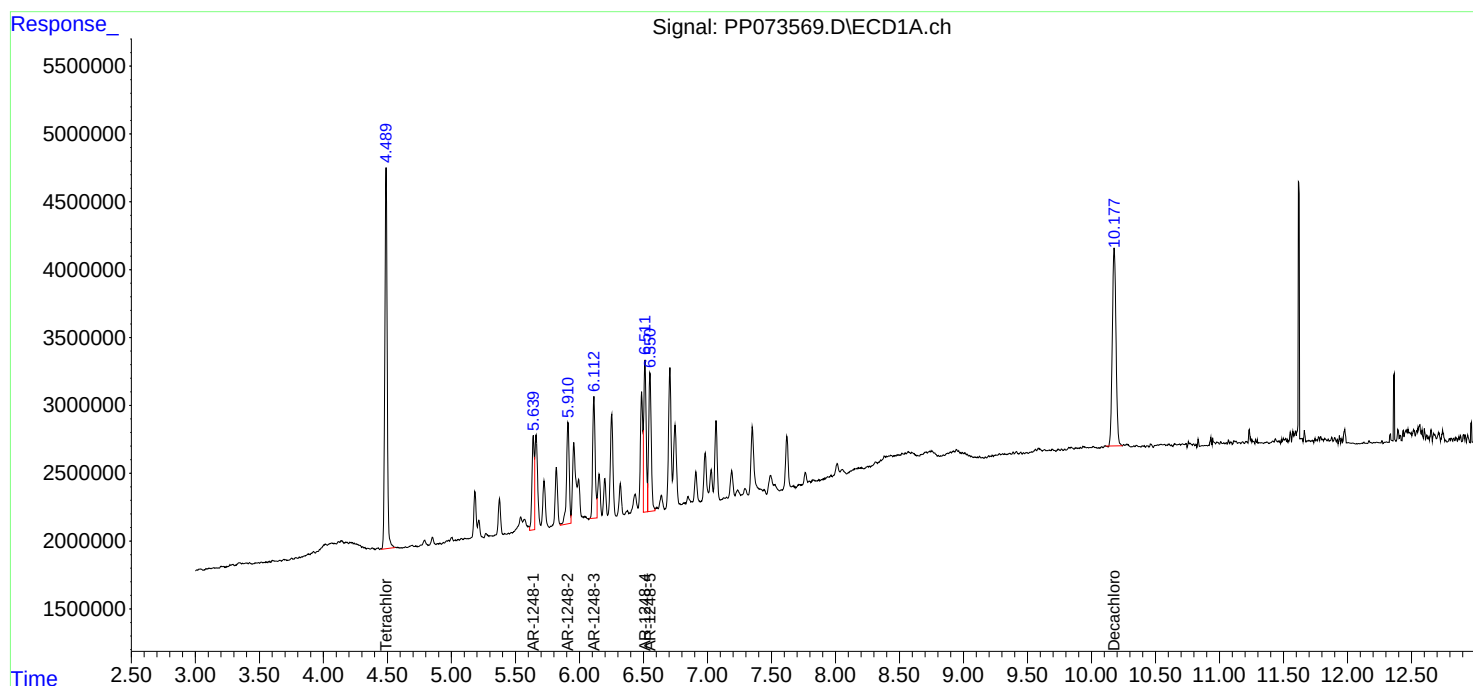
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073569.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:08
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 01:25
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:22:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:20:17 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...	4.485	3.779	6203851	8373290	4.383	4.383
2) SA Decachlor...	10.173	8.780	4448332	5794229	3.885	4.259
Target Compounds						
21) L5 AR-1248-1	5.634	4.857	1447041	2193065	45.996m	48.535
22) L5 AR-1248-2	5.906	5.093	1882218	3238127	46.434	52.322
23) L5 AR-1248-3	6.108	5.135	1881440	3334641	40.834	51.774 #
24) L5 AR-1248-4	6.506	5.307	2458929	3957834	43.028m	52.555
25) L5 AR-1248-5	6.545	5.698	2487202	3594939	44.606m	47.040

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073570.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:25
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

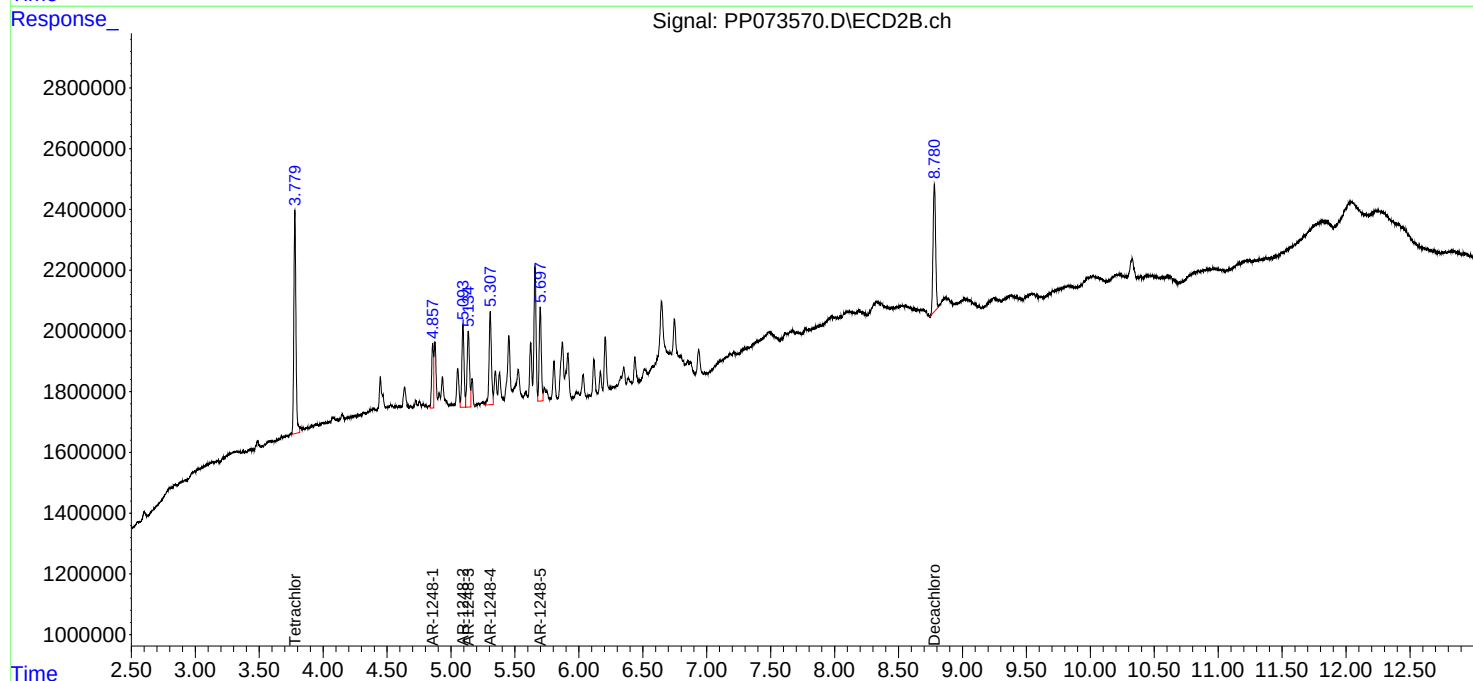
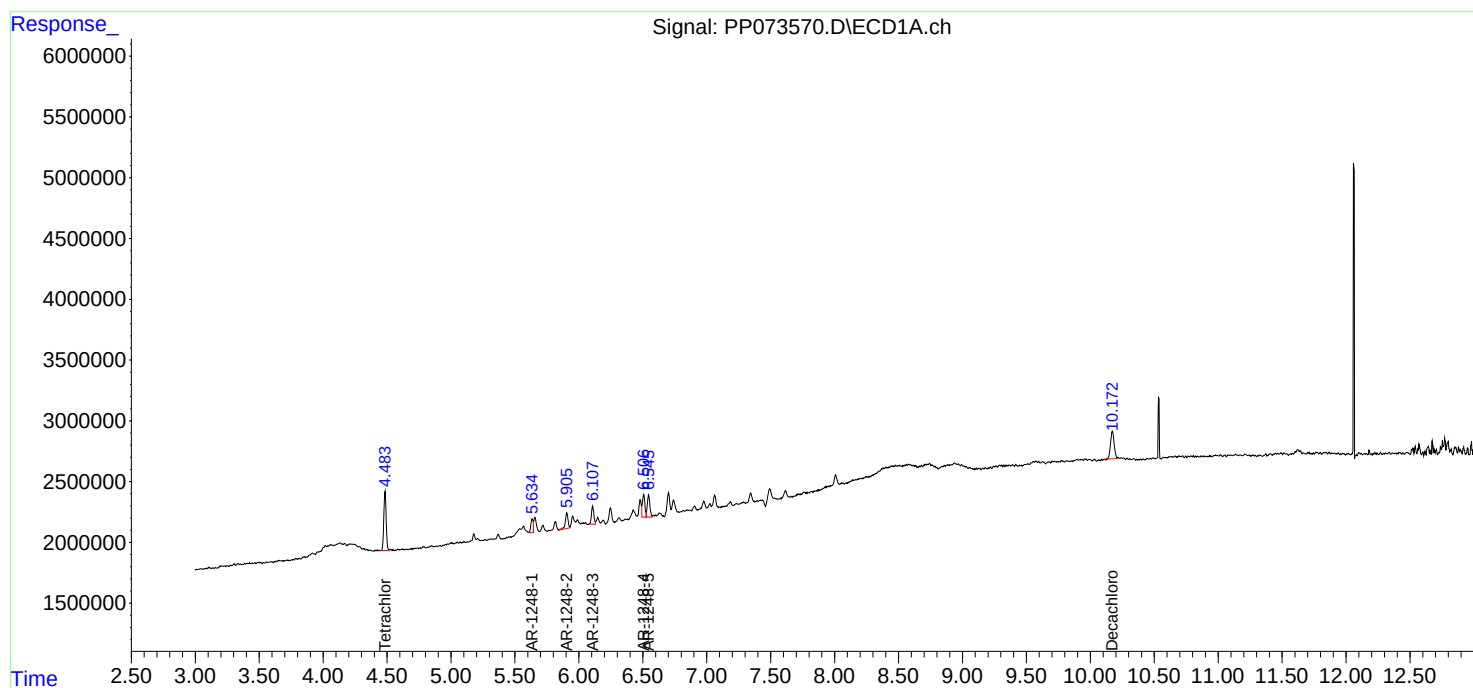
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:20:17 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 01:41
 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: Jul 08 02:43:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:41:54 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...	4.489	3.780	135.2E6	181.0E6	96.465	95.662
2) SA Decachlor...	10.177	8.782	110.7E6	134.8E6	96.695	98.240
Target Compounds						
26) L6 AR-1254-1	6.487	5.658	50900598	105.4E6	921.959	938.043
27) L6 AR-1254-2	6.703	5.806	77237012	90612135	935.764	943.093
28) L6 AR-1254-3	7.066	6.207	83677544	142.5E6	945.590	936.990
29) L6 AR-1254-4	7.348	6.436	74438148	86996505	935.246	922.052
30) L6 AR-1254-5	7.764	6.851	71888659	123.6E6	963.395	945.380

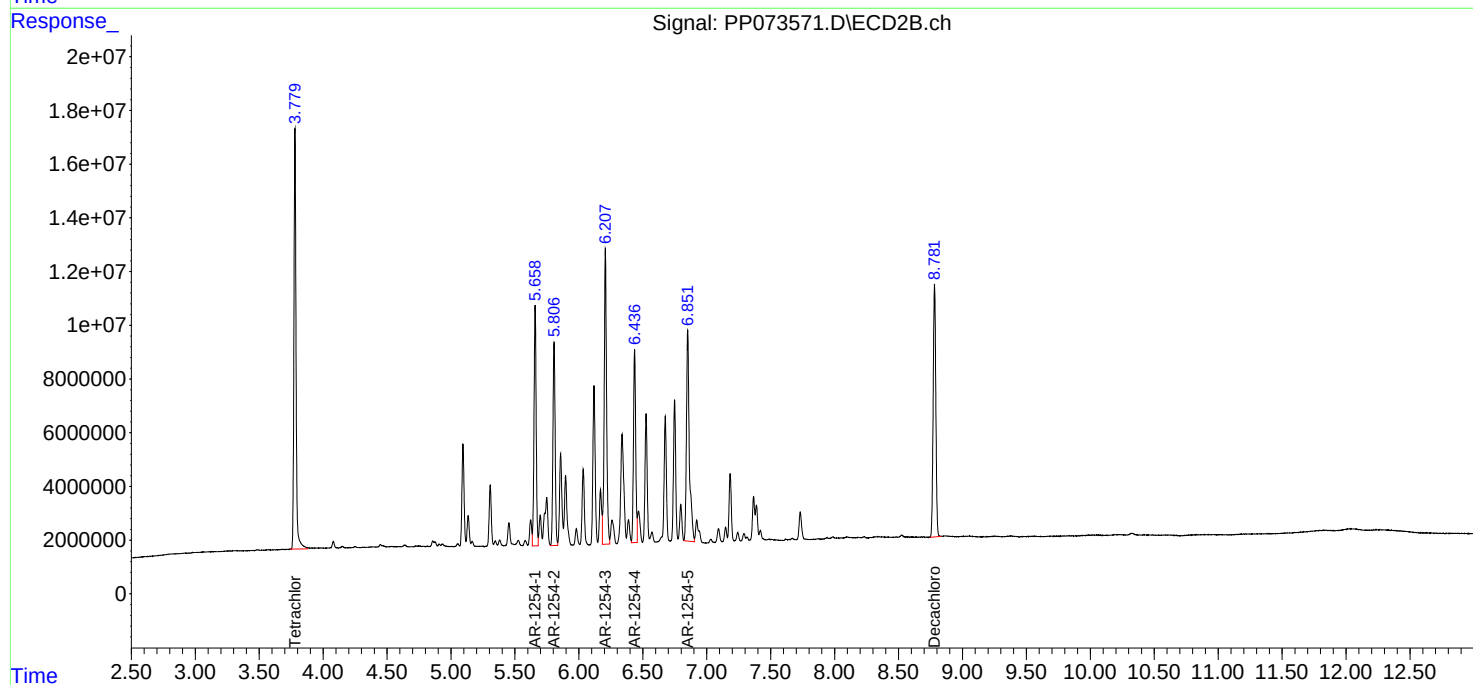
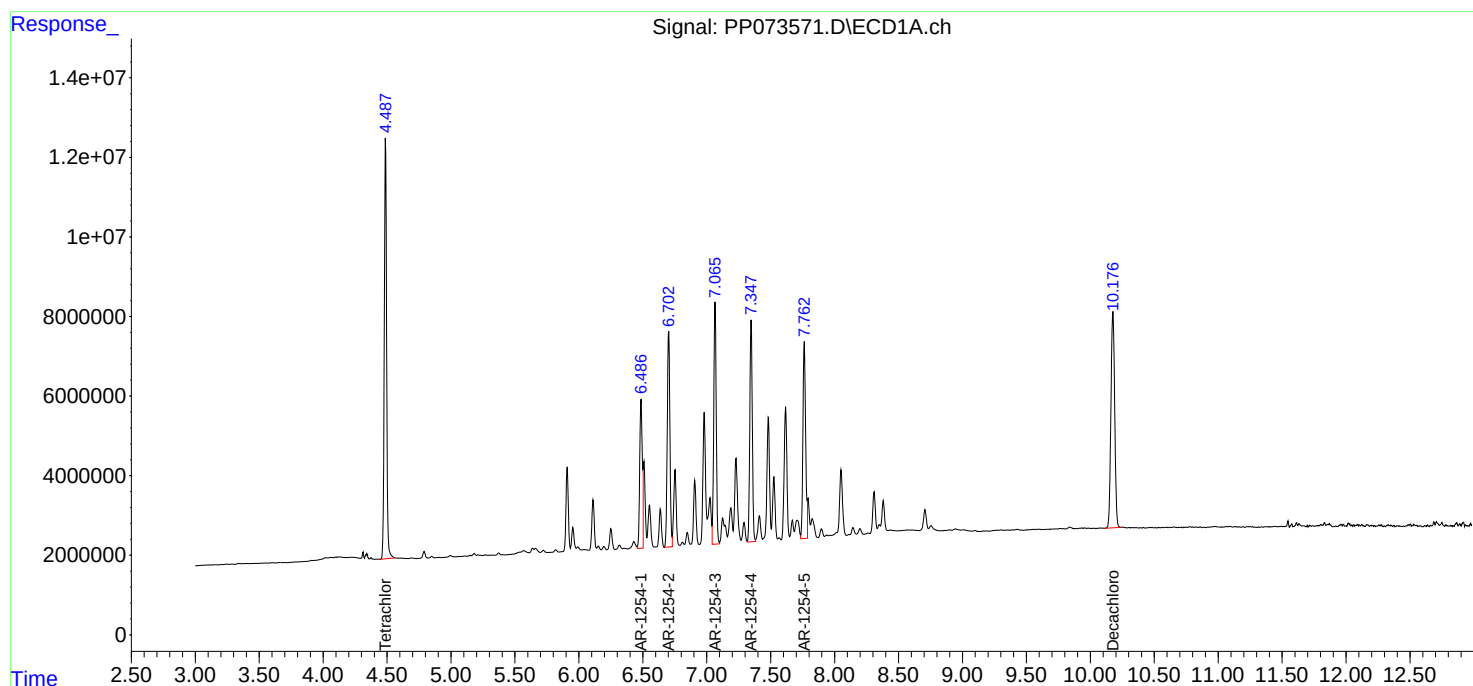
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:41
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: Jul 08 02:43:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073572.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 01:57
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:44:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:41:54 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...	4.488	3.779	104.7E6	146.2E6	74.706	77.291
2) SA Decachlor...	10.175	8.780	84962440	104.9E6	74.184	76.426
Target Compounds						
26) L6 AR-1254-1	6.486	5.657	39869819	83773101	722.159	745.818
27) L6 AR-1254-2	6.702	5.805	60389680	72154275	731.651	750.983
28) L6 AR-1254-3	7.066	6.207	64508177	114.2E6	728.969	750.593
29) L6 AR-1254-4	7.348	6.435	57167227	70426326	718.253	746.429
30) L6 AR-1254-5	7.764	6.851	55929557	98283712	749.524	751.764

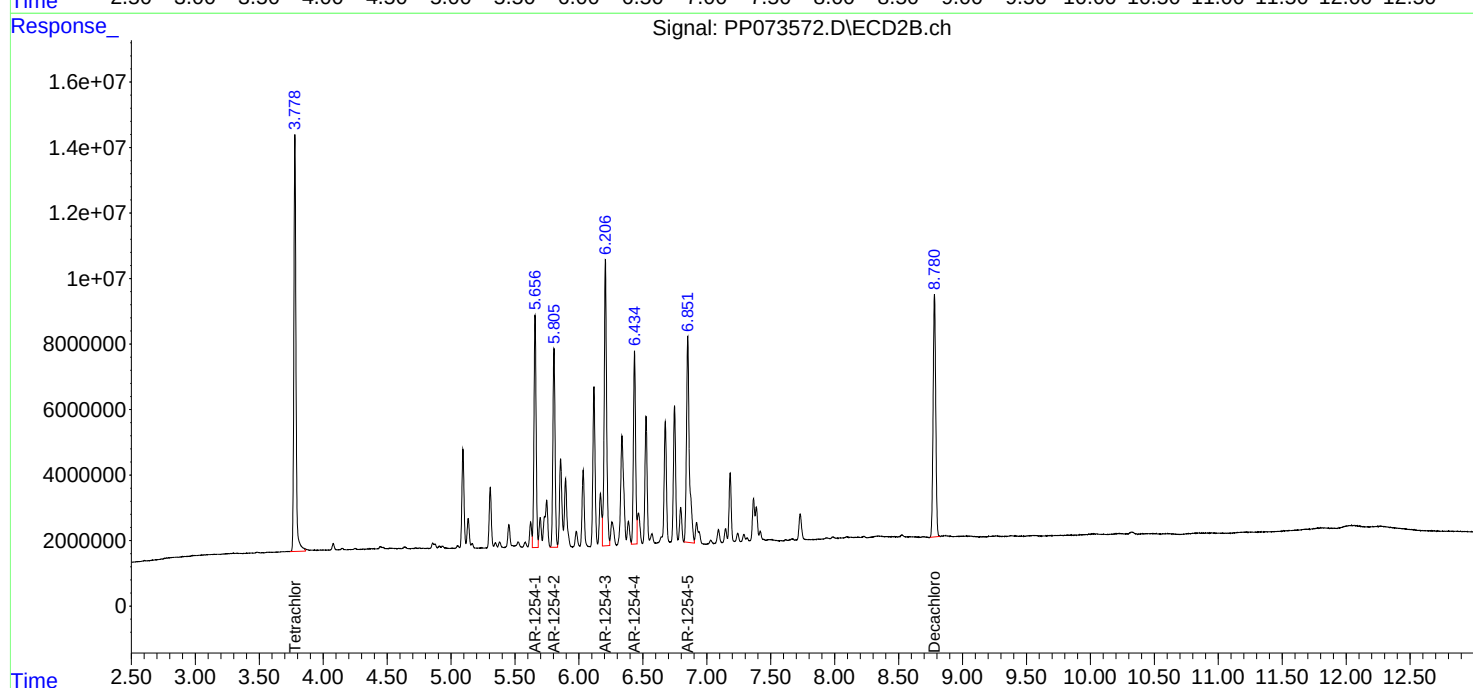
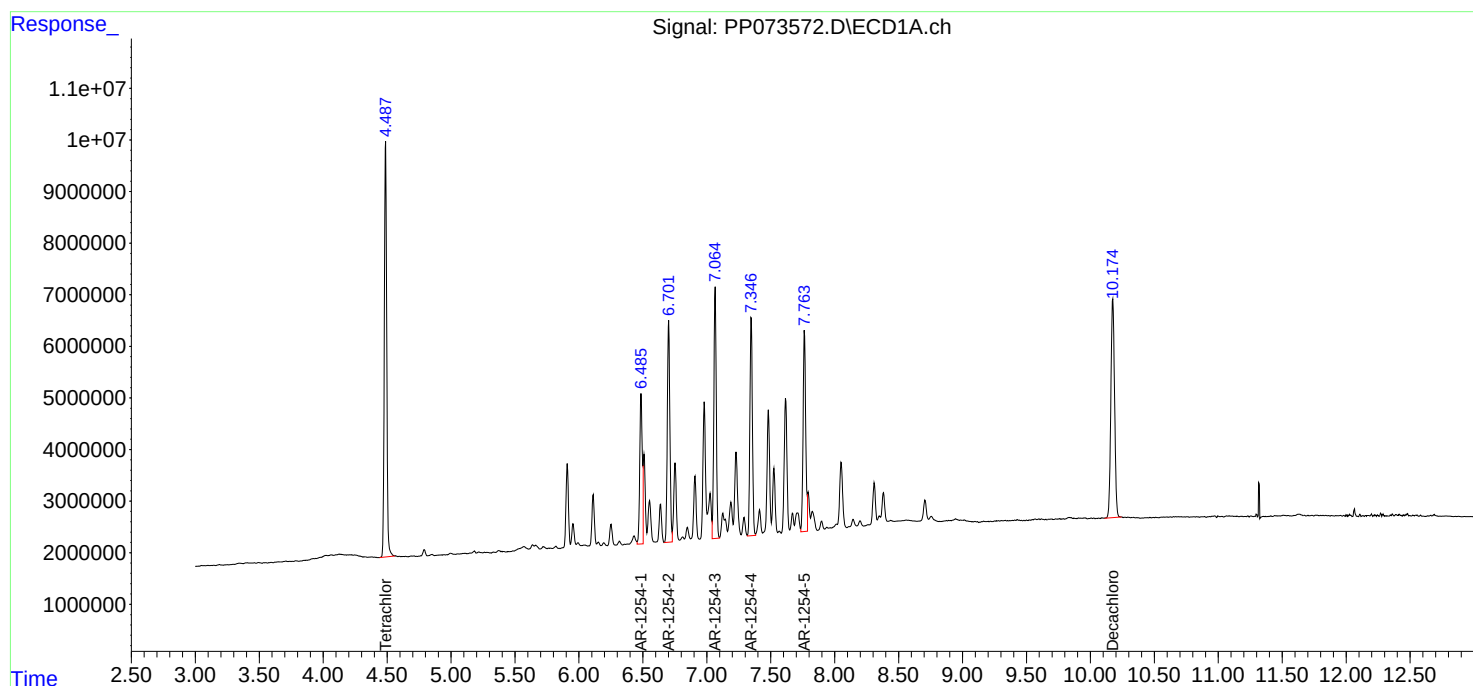
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073572.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 01:57
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073573.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 02:14
 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: Jul 08 02:44:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:41:54 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...	4.487	3.780	70057774	94600770	50.000	50.000
2) SA Decachlor...	10.174	8.781	57264429	68616932	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.485	5.658	27604602	56161903	500.000	500.000
27) L6 AR-1254-2	6.701	5.807	41269473	48039880	500.000	500.000
28) L6 AR-1254-3	7.064	6.209	44246186	76049574	500.000	500.000
29) L6 AR-1254-4	7.346	6.436	39796020	47175510	500.000	500.000
30) L6 AR-1254-5	7.762	6.853	37310051	65368722	500.000	500.000

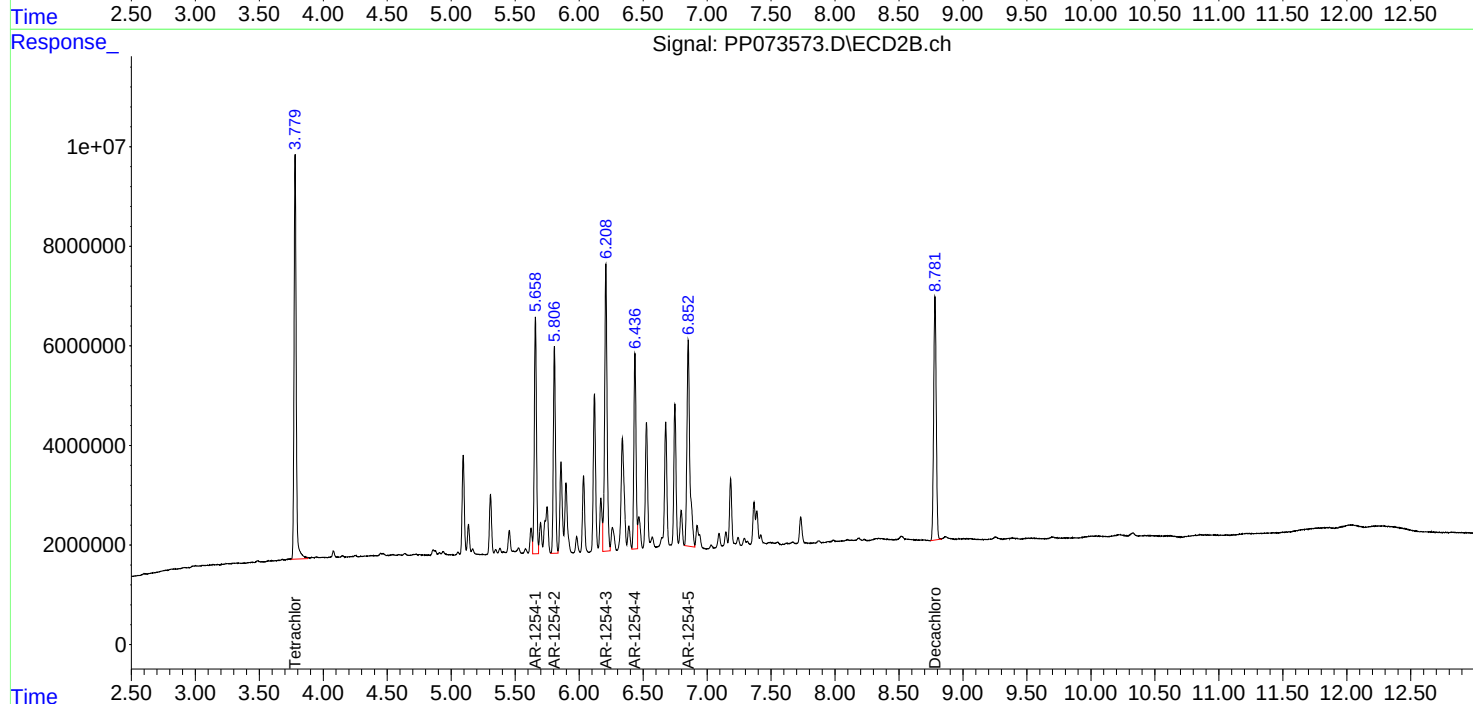
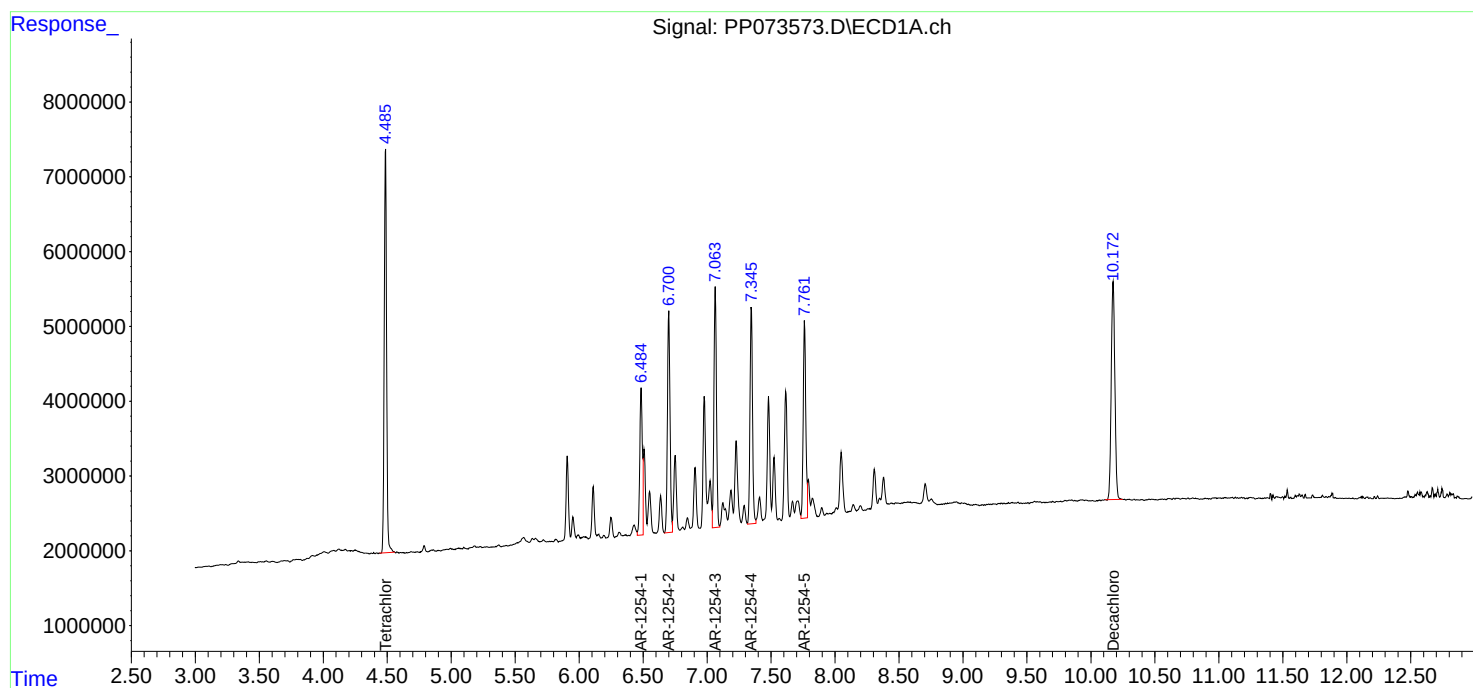
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073573.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:14
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: Jul 08 02:44:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073574.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 02:30
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 02:44:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:41:54 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...	4.487	3.779	36639041	48313312	26.149	25.535
2) SA Decachlor...	10.176	8.780	28626907	37692438	24.995	27.466
Target Compounds						
26) L6 AR-1254-1	6.484	5.657	14279096	30427905	258.636	270.895
27) L6 AR-1254-2	6.701	5.805	21587177	26282271	261.539	273.546
28) L6 AR-1254-3	7.064	6.207	23018010	40529659	260.113	266.469
29) L6 AR-1254-4	7.346	6.435	20463711	25097390	257.108	266.000
30) L6 AR-1254-5	7.762	6.851	19086937	35261681	255.788	269.714

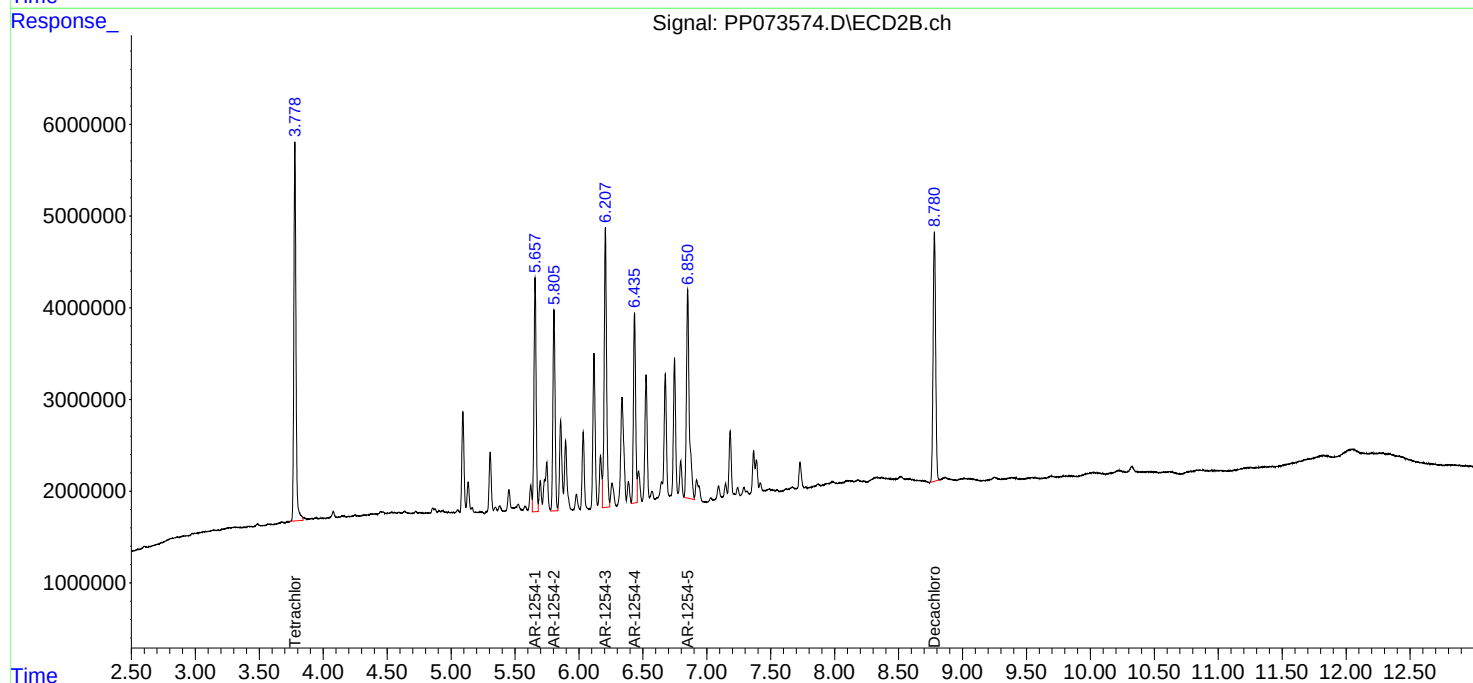
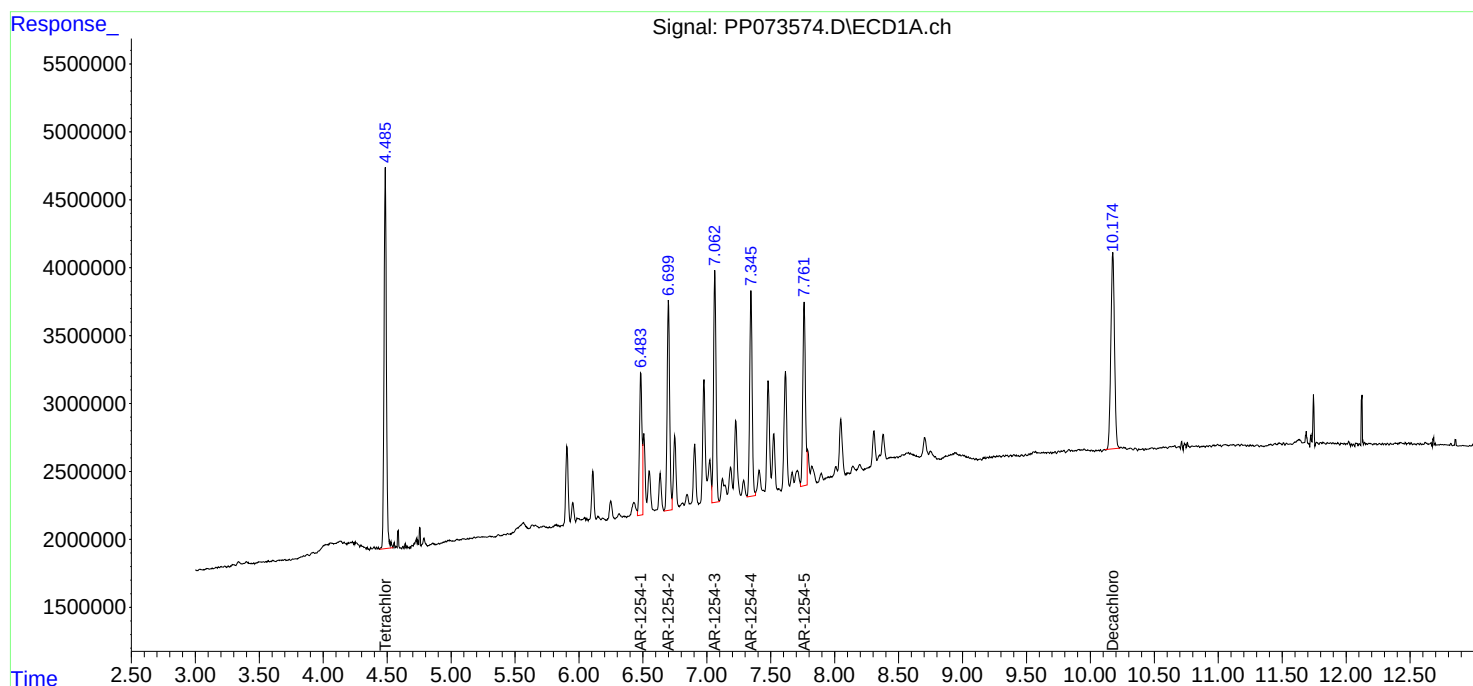
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073574.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:30
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 02:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073575.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 02:46
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 03:42:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 02:41:54 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...	4.488	3.779	6938090	9721913	4.952	5.138
2) SA Decachlor...	10.178	8.780	5667149	6887289	4.948	5.019
Target Compounds						
26) L6 AR-1254-1	6.485	5.657	2578085	6452648	46.697m	57.447
27) L6 AR-1254-2	6.701	5.806	4490008	5754555	54.399m	59.894
28) L6 AR-1254-3	7.064	6.207	4570279	8163980	51.646m	53.675
29) L6 AR-1254-4	7.347	6.436	4061359	4857854	51.027m	51.487
30) L6 AR-1254-5	7.764	6.851	3548489	7039930	47.554	53.848

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073575.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 02:46
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

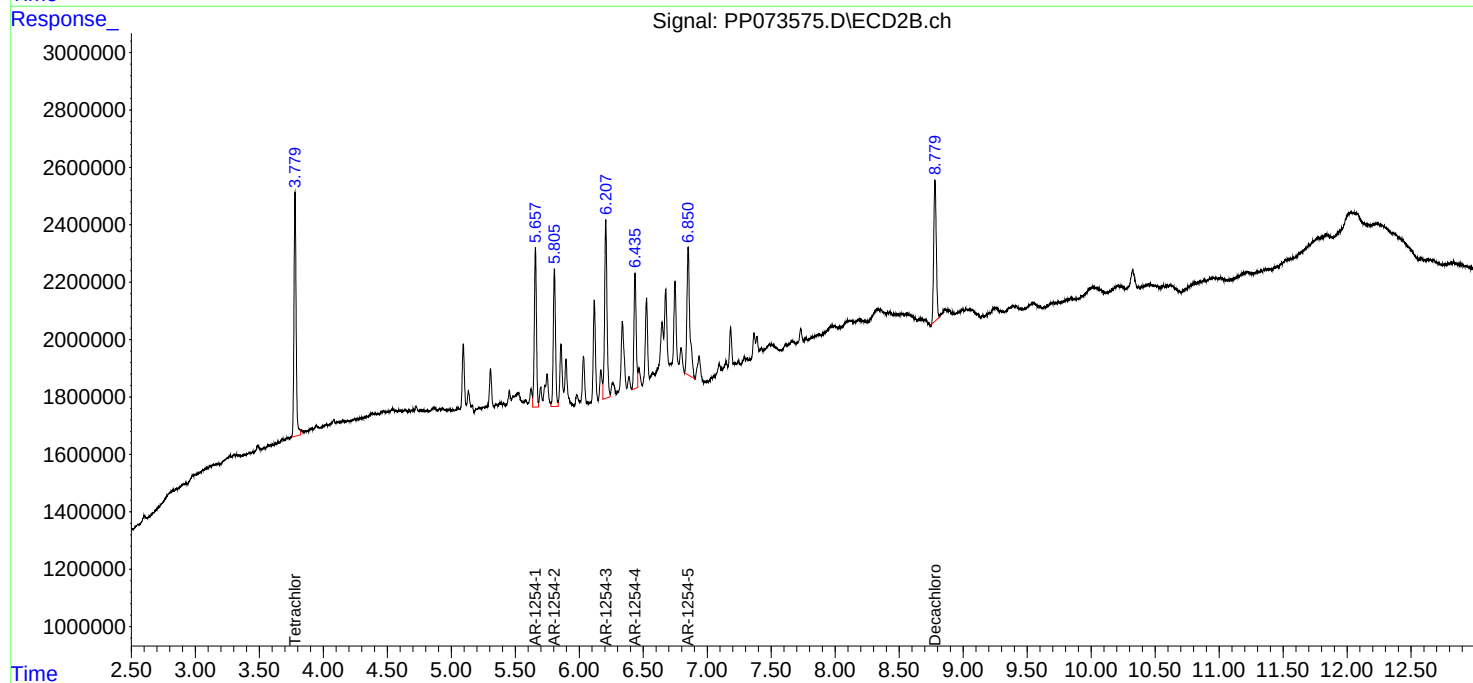
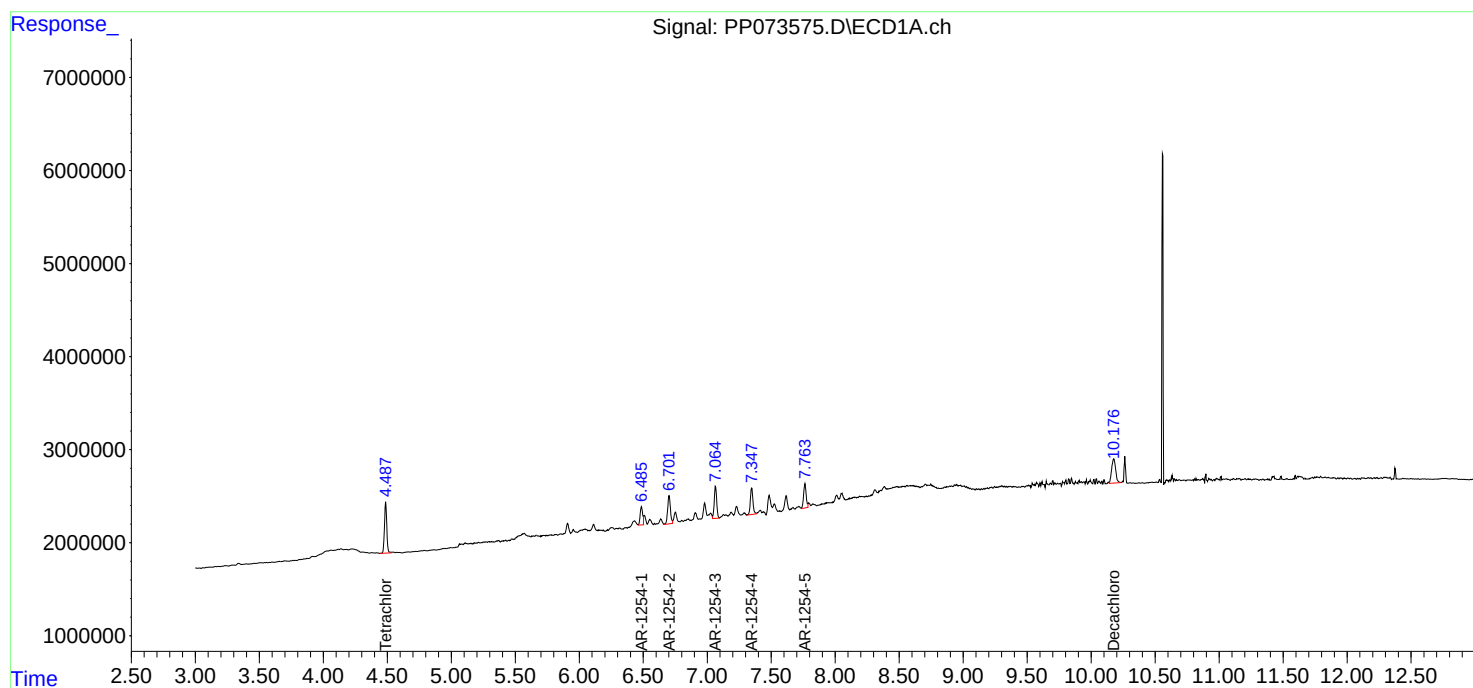
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 03:42:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 02:41:54 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073576.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 03:03
 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: Jul 08 03:49:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 03:49:15 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...	4.488	3.779	69434570	94417779	50.000	50.000
2) SA Decachlor...	10.177	8.781	57470872	69838496	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.065	6.889	43513643	73845842	500.000	500.000
37) L8 AR-1262-2	8.383	7.147	99013762	63914528	500.000	500.000
38) L8 AR-1262-3	8.697	7.669	62862521	57009497	500.000	500.000
39) L8 AR-1262-4	8.782	7.735	46631386	92024537	500.000	500.000
40) L8 AR-1262-5	9.432	8.231	31694688	42217822	500.000	500.000

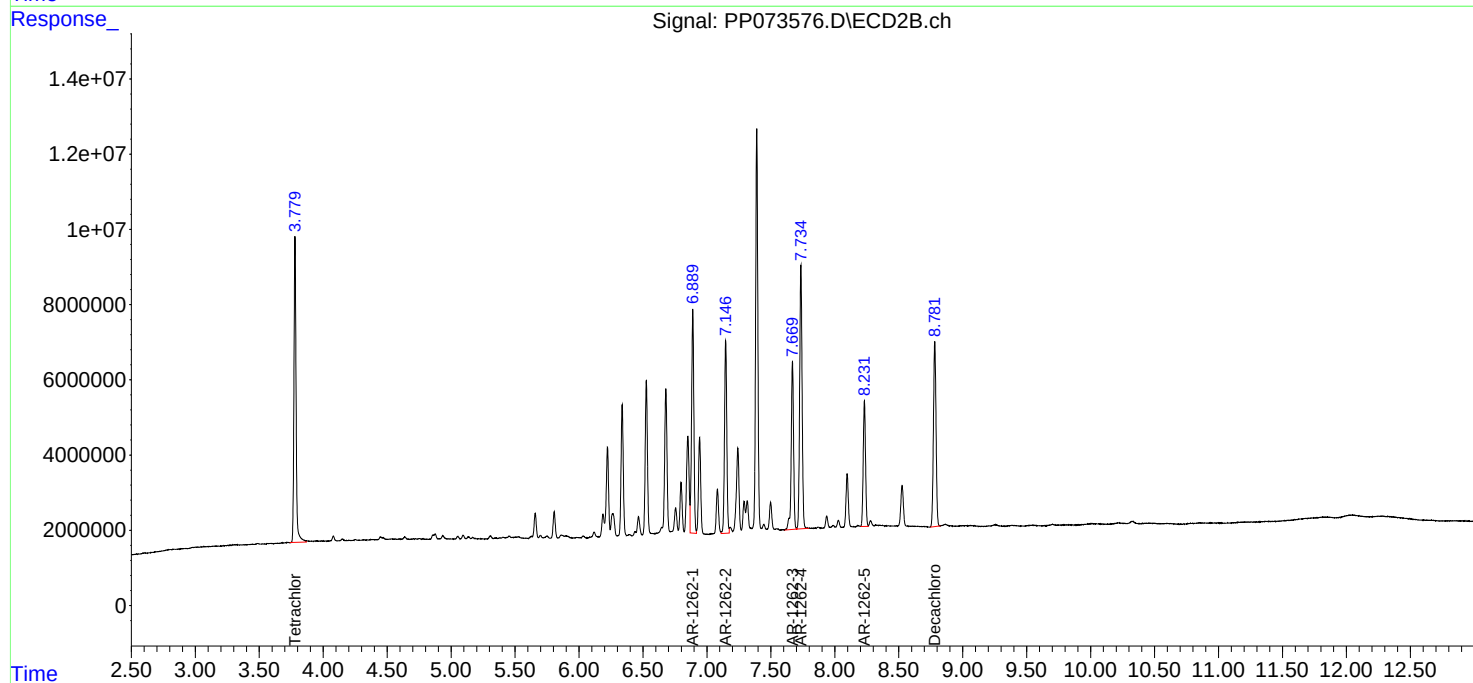
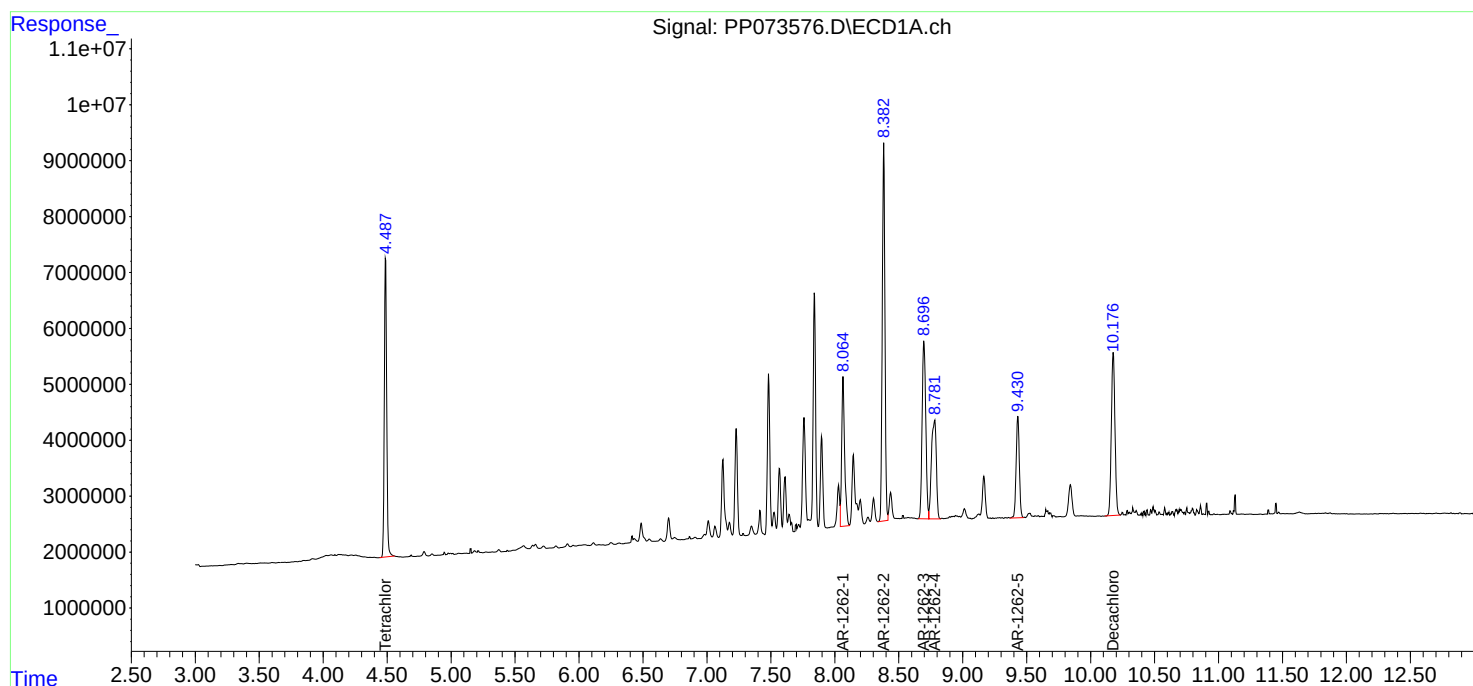
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073576.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:03
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: Jul 08 03:49:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 03:49:15 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073577.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 03:19
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 04:41:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 04:40:39 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...	4.487	3.780	135.2E6	186.6E6	95.477	96.310
2) SA Decachlor...	10.175	8.780	197.8E6	239.6E6	96.151	94.525
Target Compounds						
41) L9 AR-1268-1	8.691	7.669	220.6E6	290.6E6	967.069	944.084
42) L9 AR-1268-2	8.784	7.736	188.8E6	254.1E6	971.974	949.819
43) L9 AR-1268-3	9.012	7.937	161.3E6	211.6E6	967.680	931.099
44) L9 AR-1268-4	9.428	8.231	68937885	89640321	991.083	941.420
45) L9 AR-1268-5	9.841	8.527	477.6E6	595.3E6	984.517	956.339

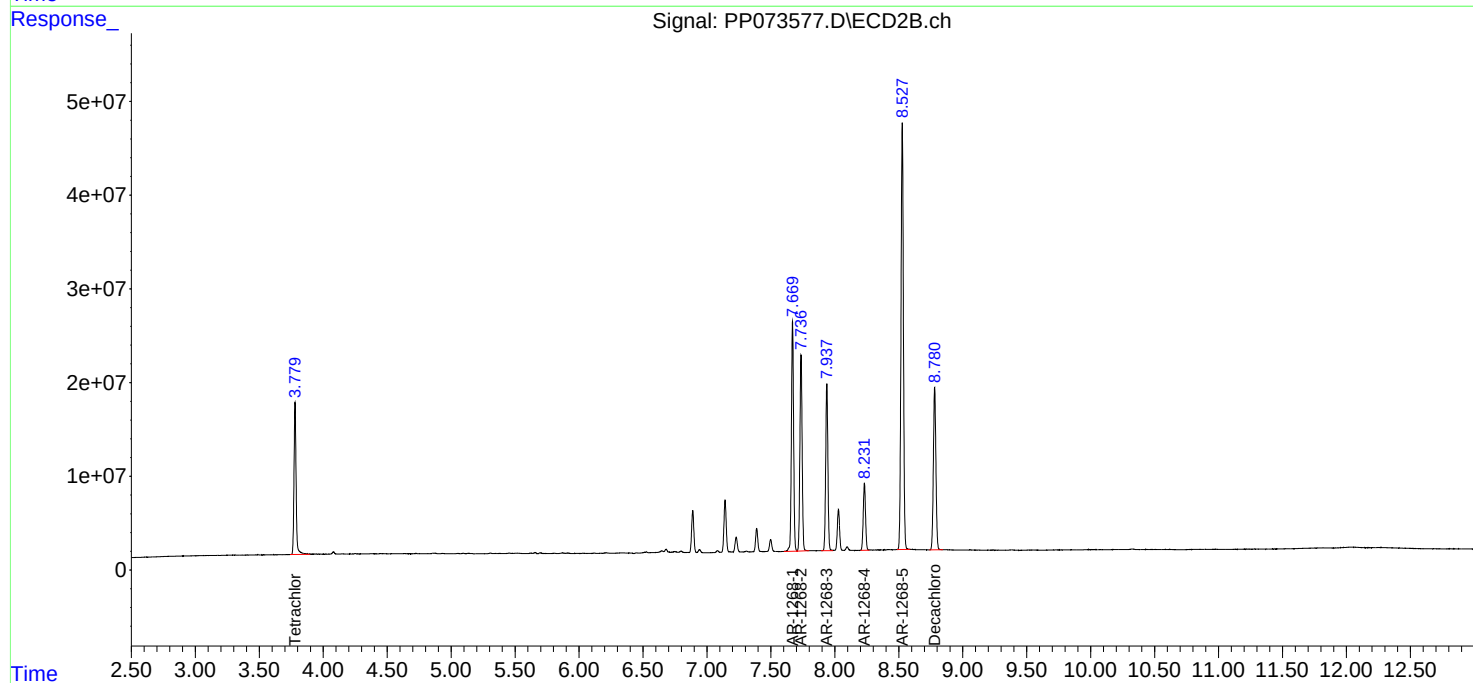
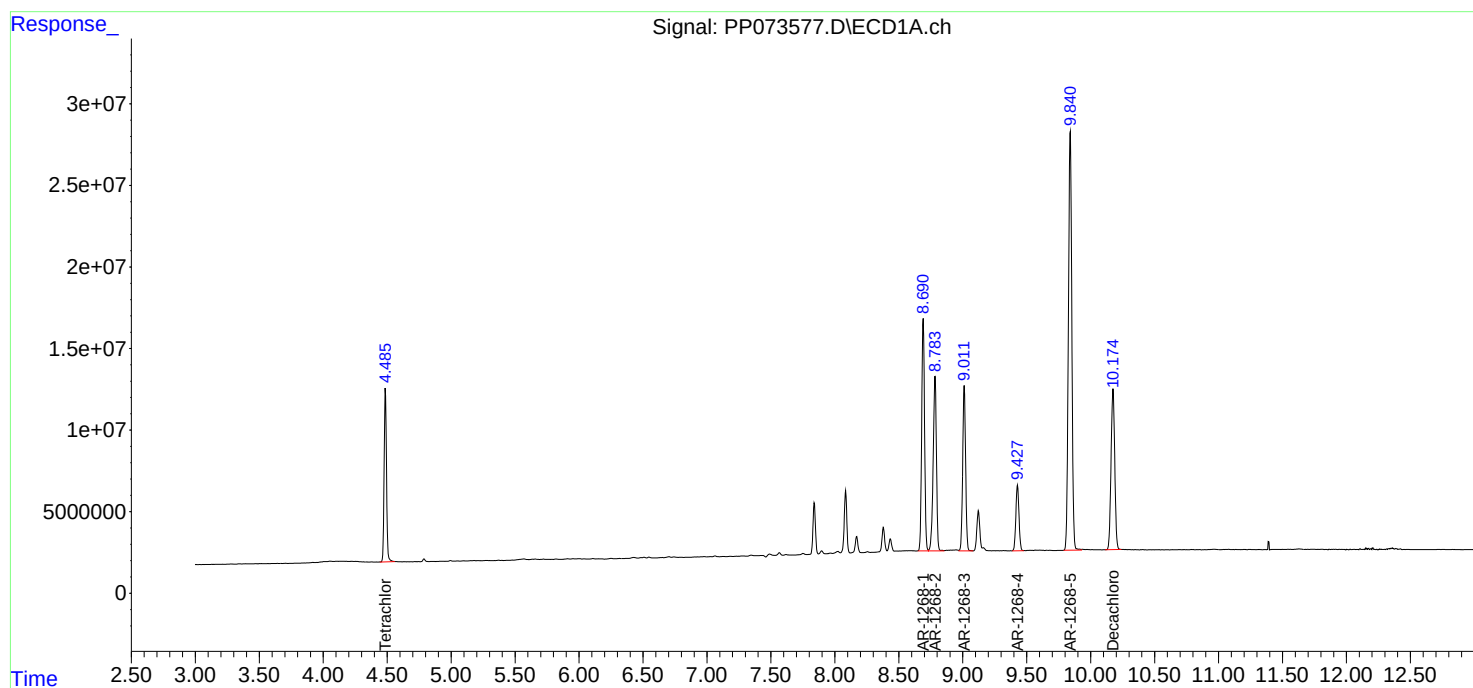
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073577.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:19
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 03:35
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 04:41:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 04:40:39 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...	4.486	3.779	104.3E6	146.5E6	73.649	75.624
2) SA Decachlor...	10.176	8.780	151.6E6	191.8E6	73.695	75.646
Target Compounds						
41) L9 AR-1268-1	8.691	7.668	168.8E6	230.7E6	740.295	749.493
42) L9 AR-1268-2	8.785	7.735	144.0E6	200.8E6	741.630	750.427
43) L9 AR-1268-3	9.013	7.936	123.3E6	169.4E6	739.524	745.141
44) L9 AR-1268-4	9.430	8.230	52353473	71323535	752.658	749.054
45) L9 AR-1268-5	9.841	8.526	354.6E6	478.2E6	730.874	768.335

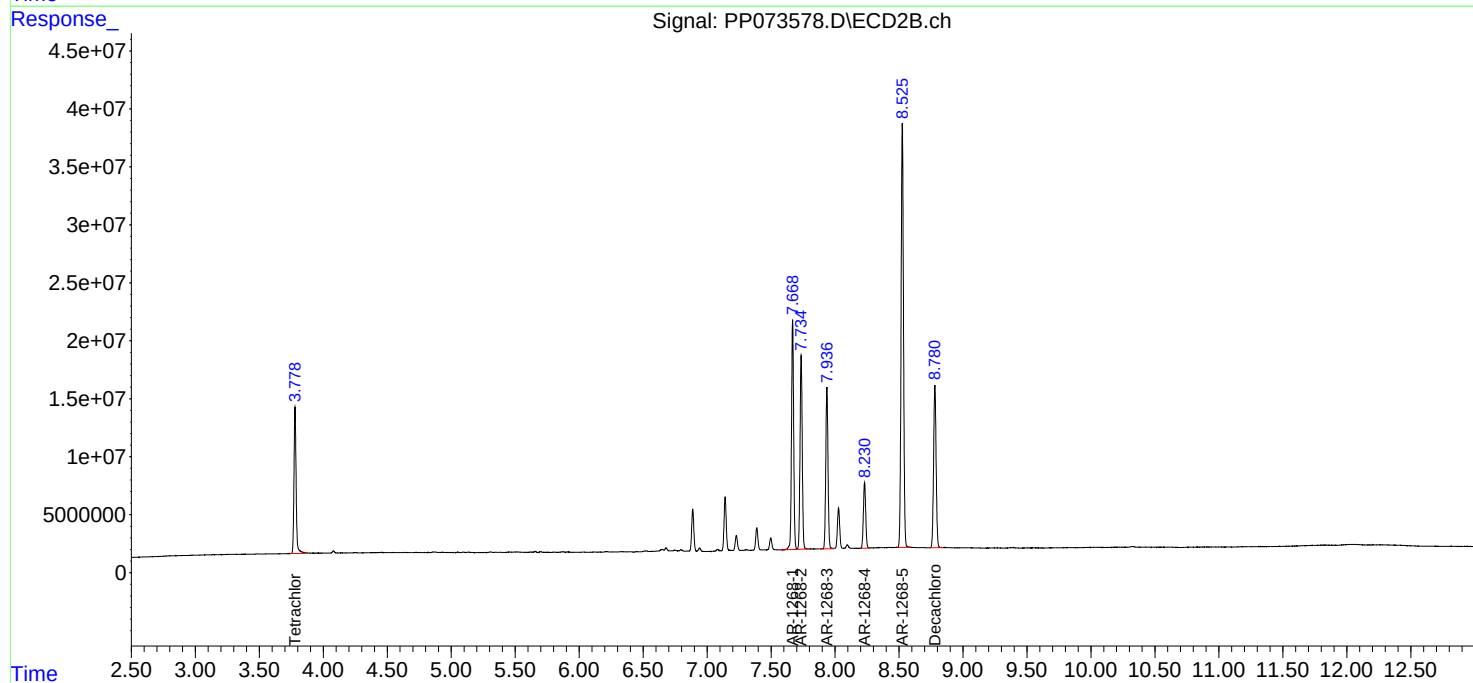
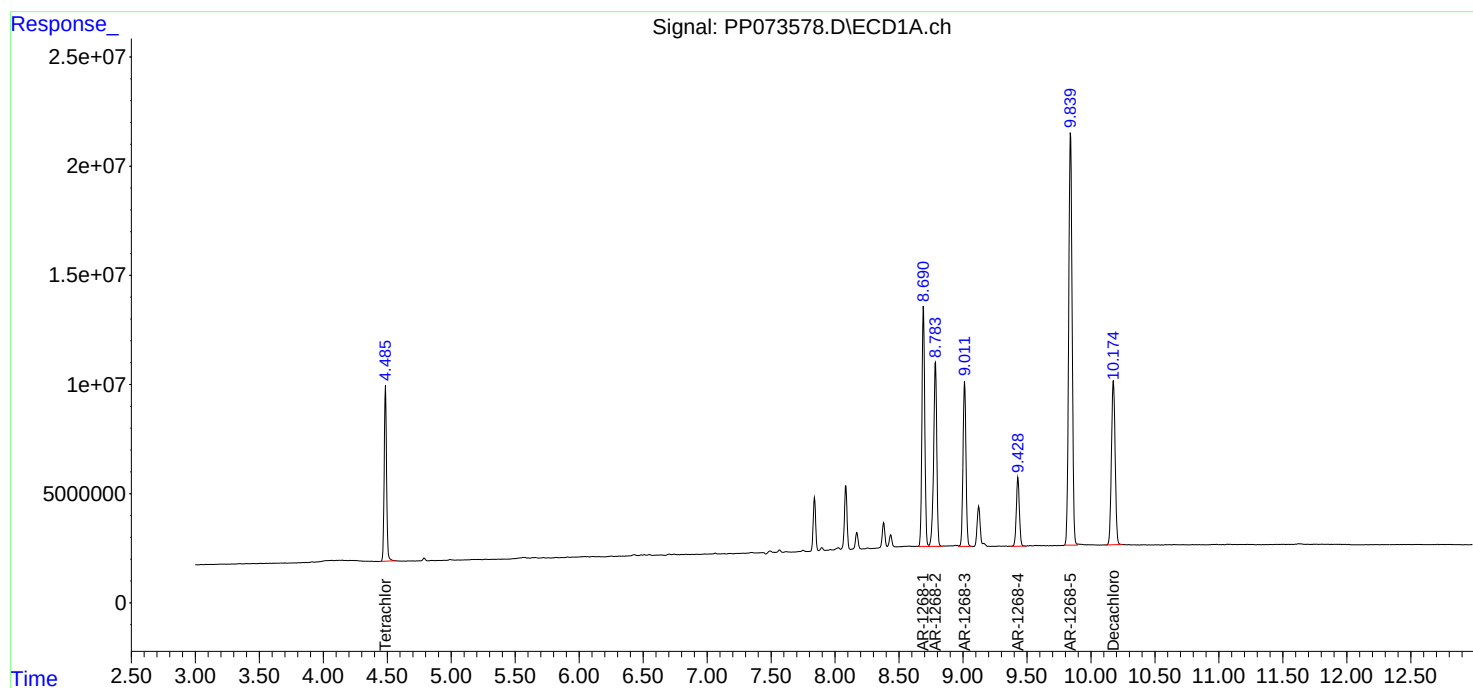
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073578.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:35
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073579.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 03:52
 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: Jul 08 04:41:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 04:40:39 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...	4.489	3.779	70790889	96889578	50.000	50.000
2) SA Decachlor...	10.177	8.780	102.9E6	126.8E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.693	7.669	114.0E6	153.9E6	500.000	500.000
42) L9 AR-1268-2	8.786	7.735	97114359	133.8E6	500.000	500.000
43) L9 AR-1268-3	9.014	7.937	83354053	113.7E6	500.000	500.000
44) L9 AR-1268-4	9.430	8.231	34779057	47609088	500.000	500.000
45) L9 AR-1268-5	9.841	8.527	242.6E6	311.2E6	500.000	500.000

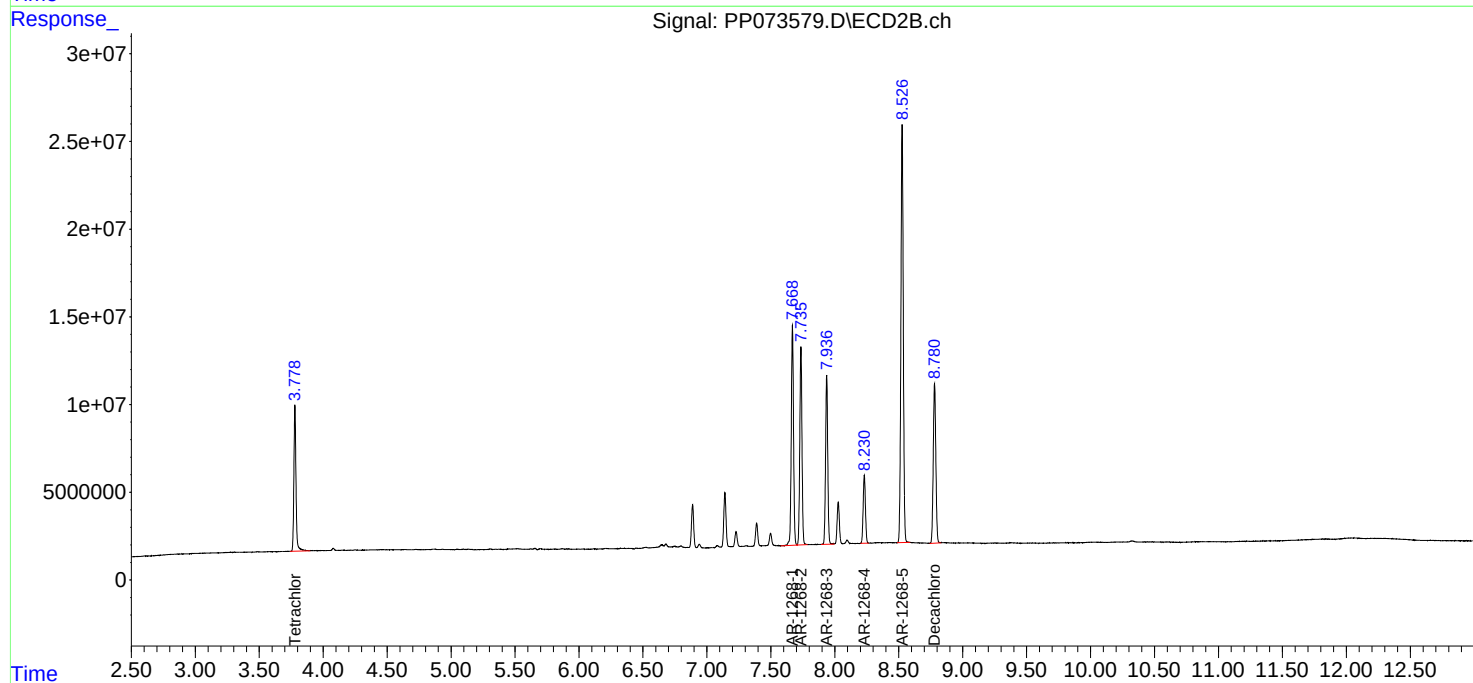
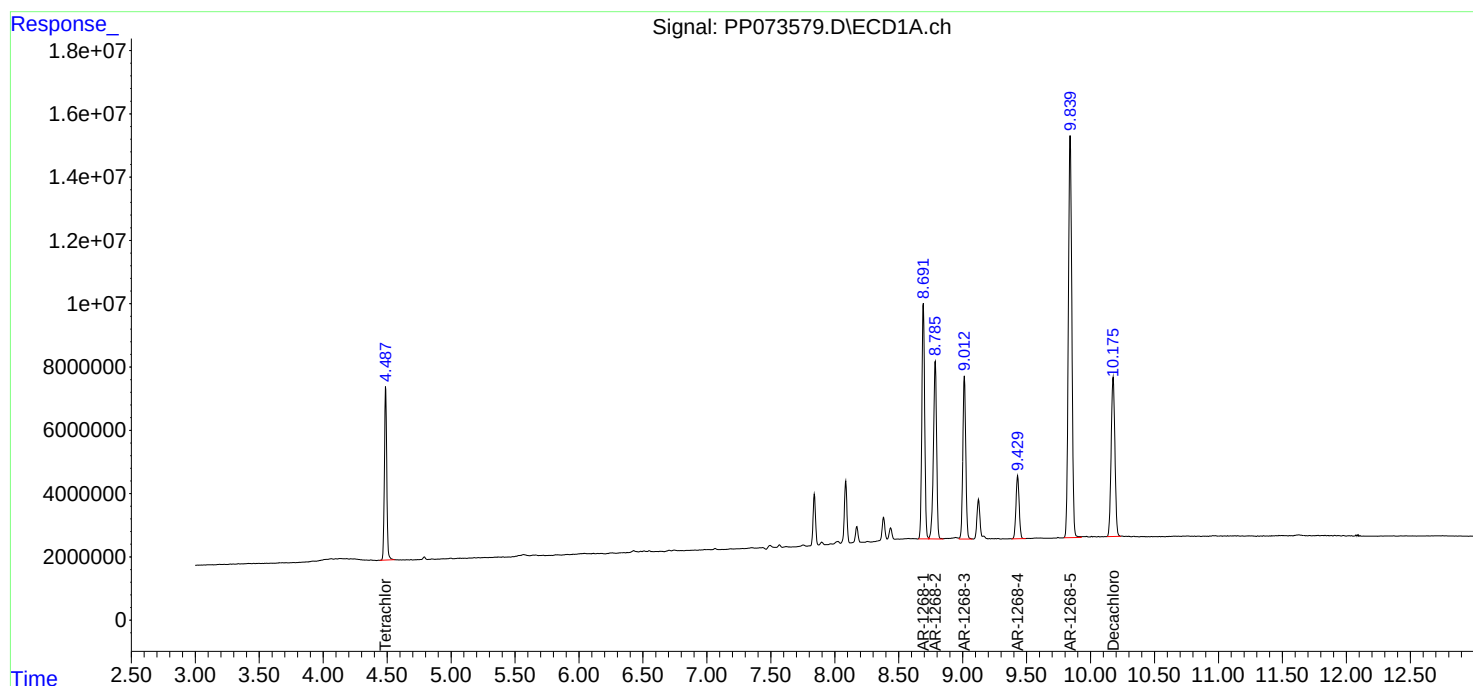
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073579.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 03:52
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: Jul 08 04:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 04:08
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 04:41:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 04:40:39 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...	4.485	3.779	37383725	50542988	26.404	26.083
2)	SA Decachlor...	10.171	8.781	54731552	67087696	26.607	26.464
Target Compounds							
41)	L9 AR-1268-1	8.690	7.668	59422367	80900824	260.528	262.840m
42)	L9 AR-1268-2	8.783	7.735	50730840	70740492	261.191	264.376
43)	L9 AR-1268-3	9.010	7.936	43805027	60554343	262.765	266.395
44)	L9 AR-1268-4	9.428	8.231	18771767	24970476	269.872	262.245
45)	L9 AR-1268-5	9.839	8.525	124.3E6	162.7E6	256.278	261.384

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073580.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:08
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

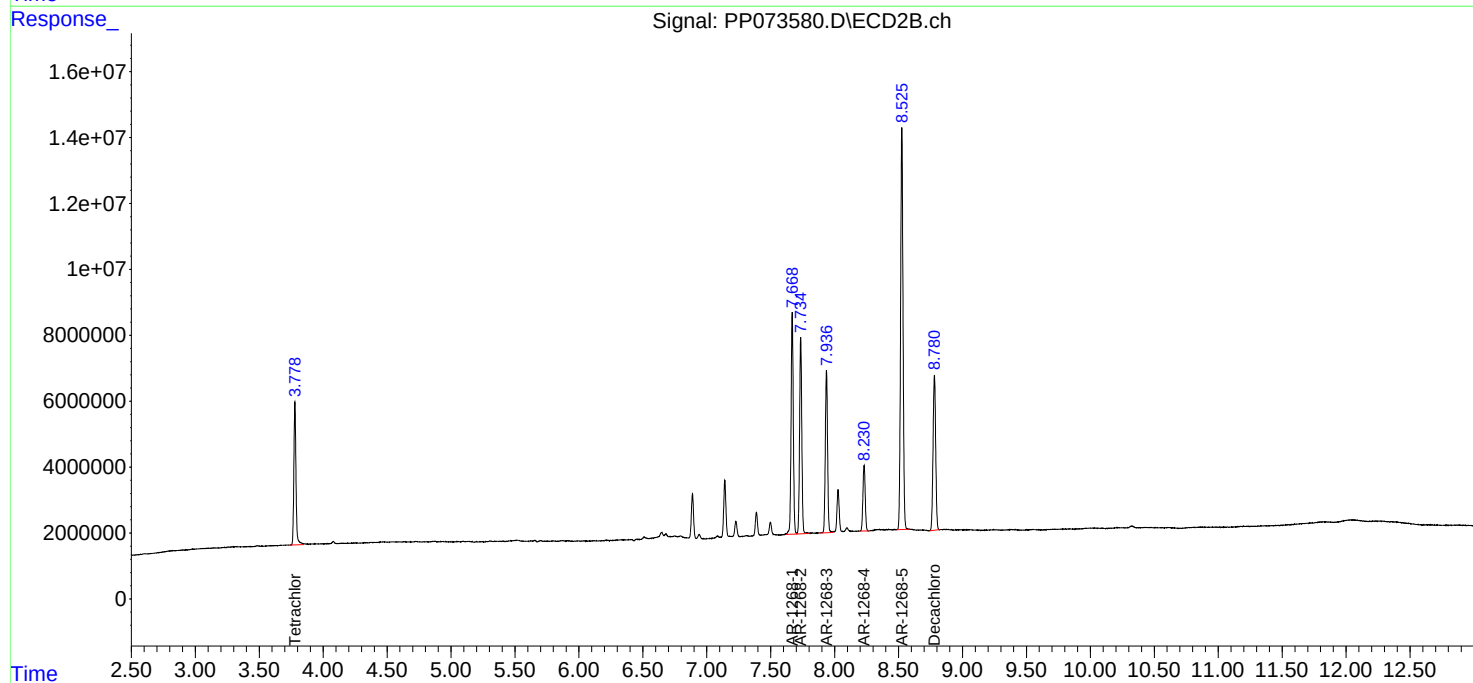
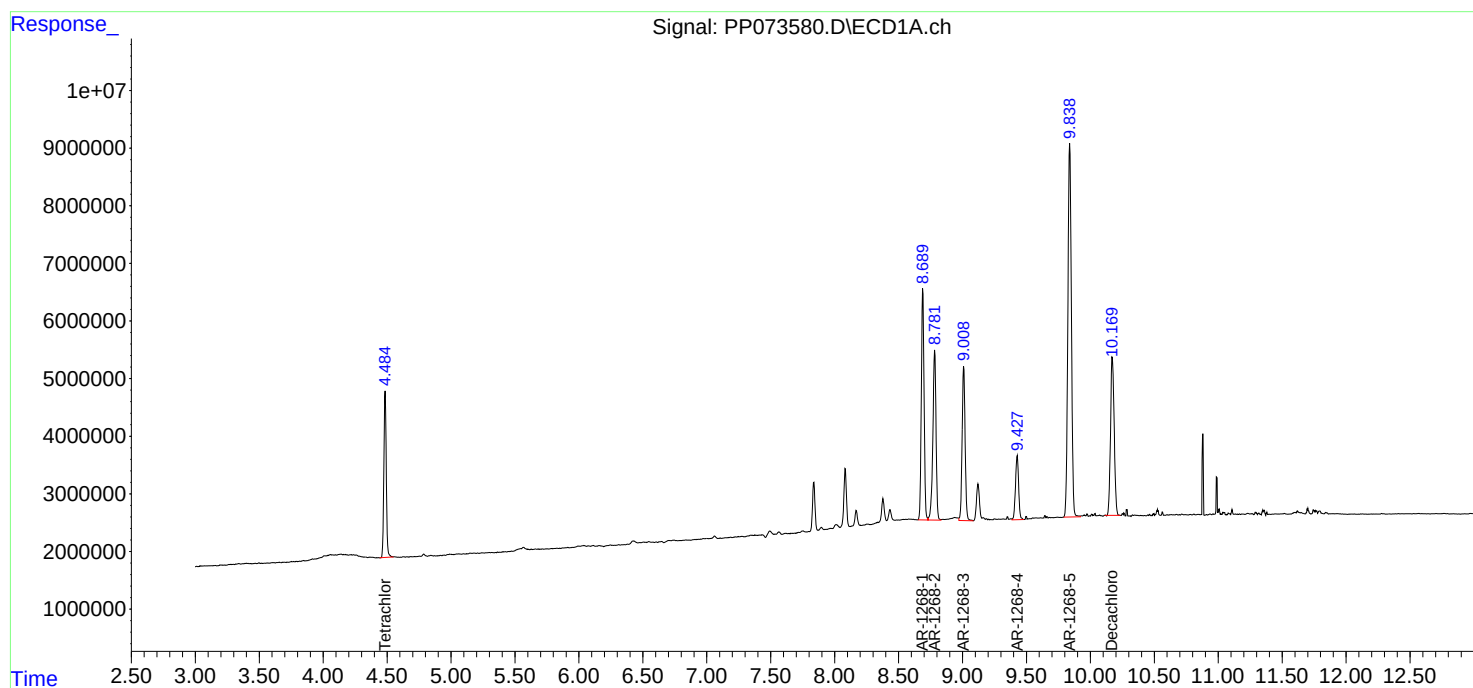
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:40:39 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 04:24
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2025
 Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 04:52:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 04:46:40 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...	4.489	3.778	6570480	8954068	4.649	4.604
2) SA Decachlor...	10.178	8.780	8974224	11778445	4.354	4.632
Target Compounds						
41) L9 AR-1268-1	8.694	7.668	10231981	15365679	44.903	49.987
42) L9 AR-1268-2	8.787	7.735	8726381	12801300	44.866	47.748
43) L9 AR-1268-3	9.015	7.936	8012537	11044482	48.006	48.707
44) L9 AR-1268-4	9.433	8.231	3216586	4250036	45.402	44.756
45) L9 AR-1268-5	9.839	8.526	18594477	28831591	38.480m	46.018

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:24
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

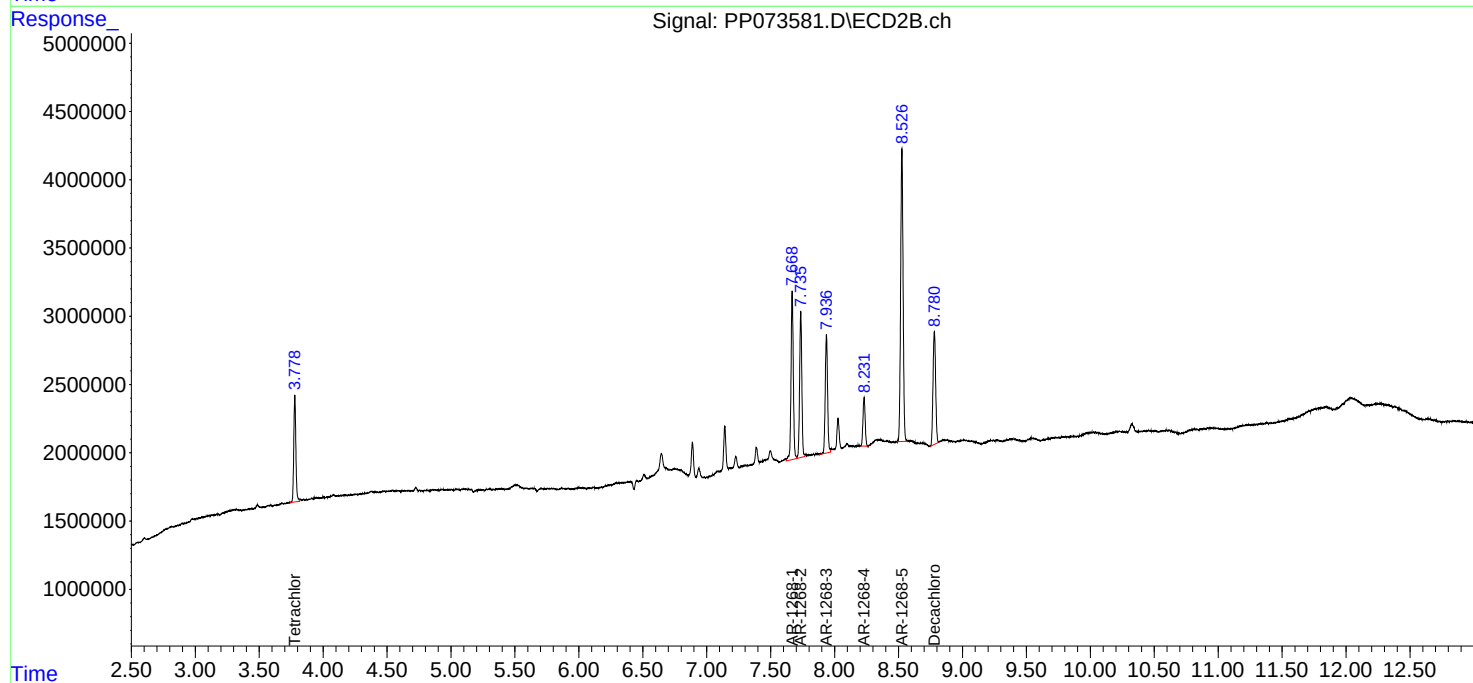
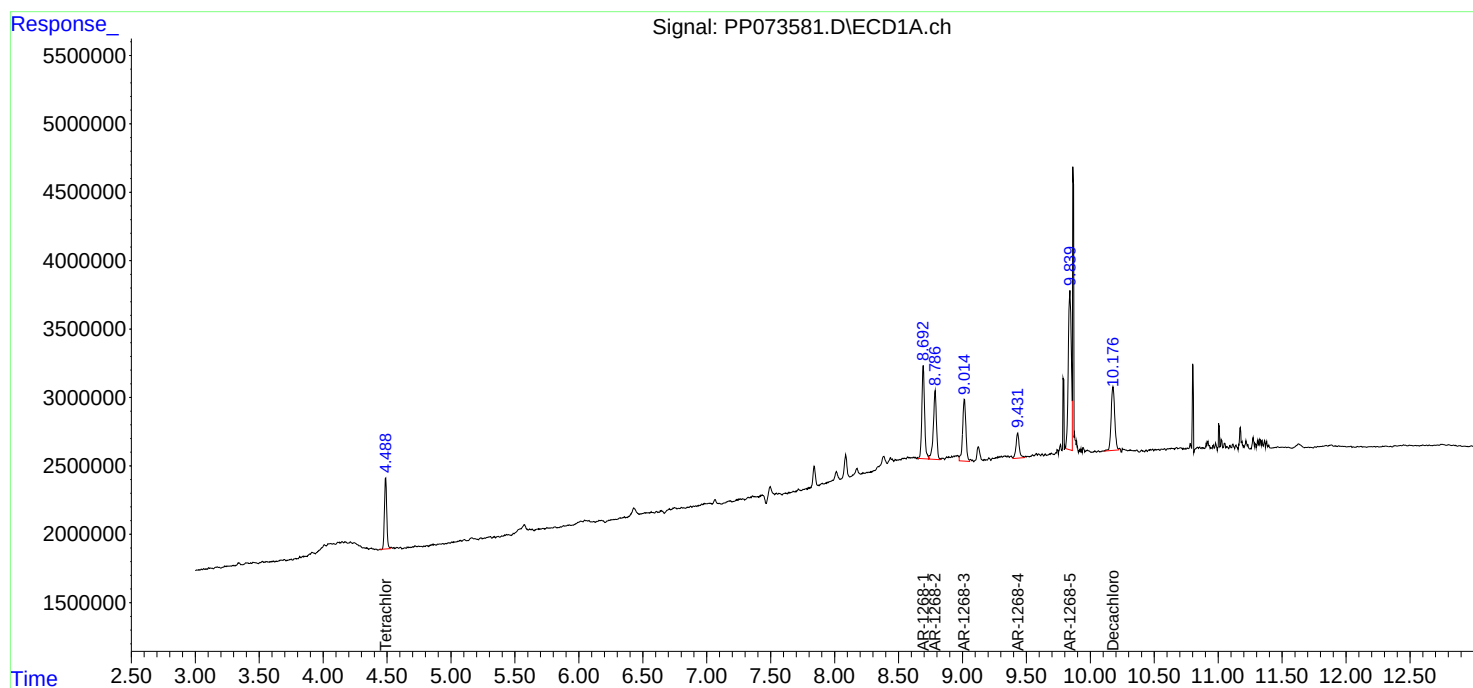
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/08/2025
Supervised By :mohammad ahmed 07/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 04:52:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 04:46:40 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073582.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 04:41
 Operator : YP\AJ
 Sample : PP070125ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 05:27:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 05:27:19 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...	4.485	3.779	72260983	95891777	52.763	52.050
2) SA Decachlor...	10.173	8.780	57429181	73824211	52.636	55.794
Target Compounds						
3) L1 AR-1016-1	5.636	4.857	23819344	35187796	501.317	516.141
4) L1 AR-1016-2	5.657	4.875	36673403	52182388	514.968	512.173
5) L1 AR-1016-3	5.719	5.051	22168045	28112093	507.707	519.571
6) L1 AR-1016-4	5.817	5.093	18666023	22689979	519.286	517.082
7) L1 AR-1016-5	6.109	5.307	16712865	28698340	533.439	525.779
31) L7 AR-1260-1	7.226	6.337	30361600	49427132	514.942	506.632
32) L7 AR-1260-2	7.479	6.525	43933298	61439670	458.403	500.170
33) L7 AR-1260-3	7.837	6.677	37495485	56331160	513.140	514.610
34) L7 AR-1260-4	8.061	7.146	33945827	47047060	519.845	526.204
35) L7 AR-1260-5	8.379	7.389	79838825	118.4E6	529.250	526.873

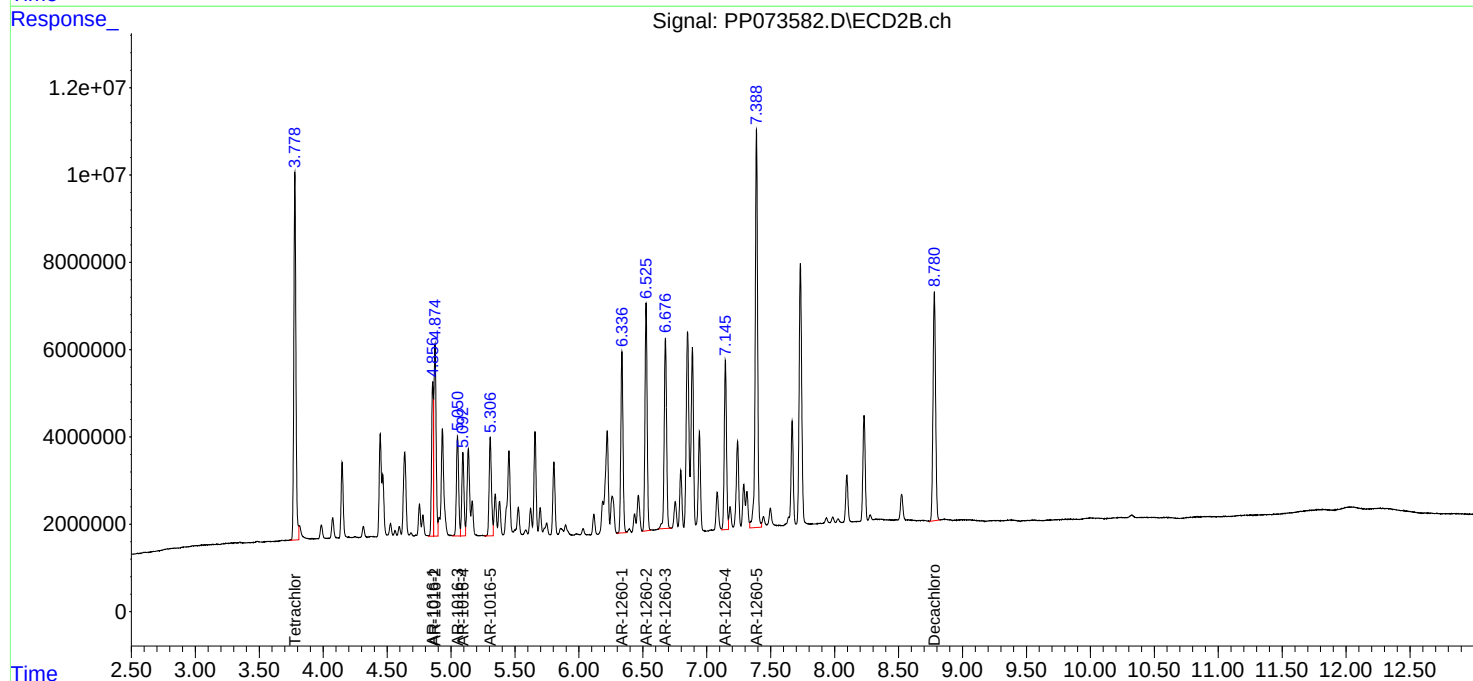
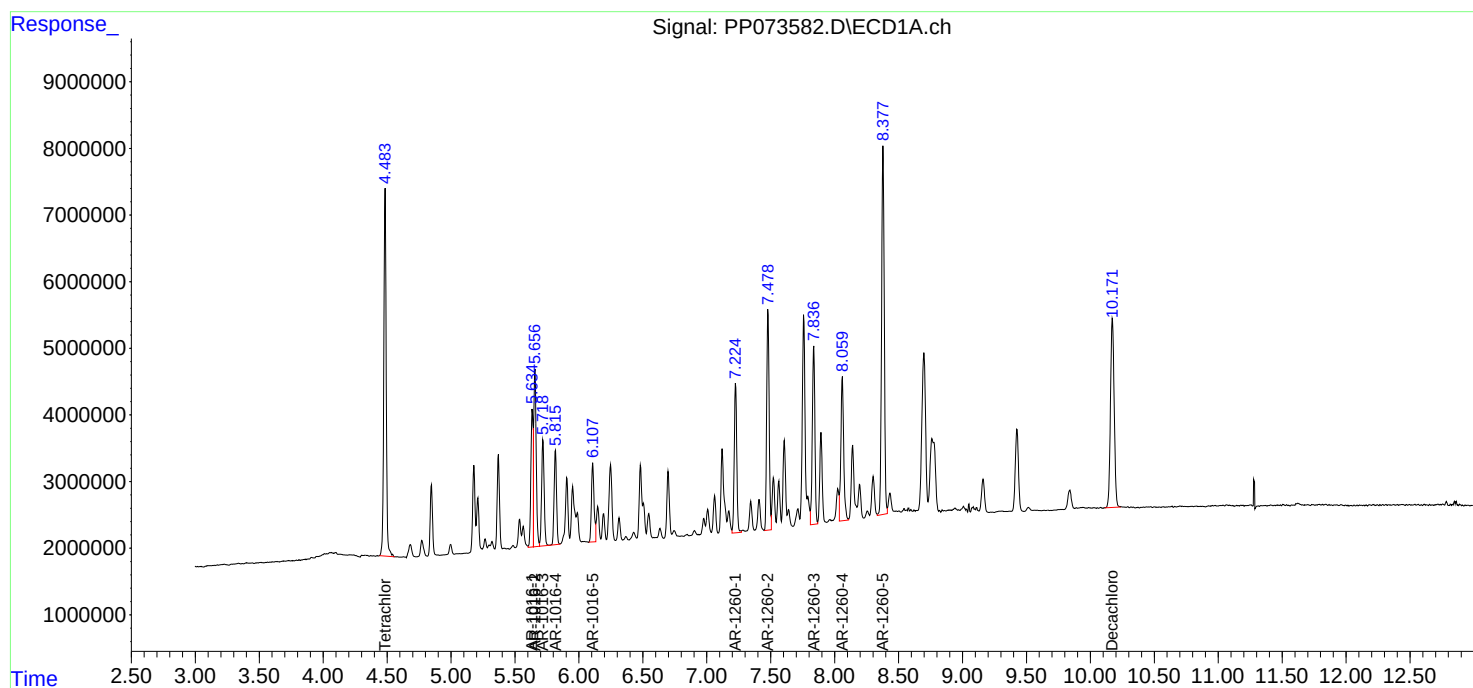
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073582.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 04:41
Operator : YP\AJ
Sample : PP070125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:27:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:27:19 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073583.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 05:30
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 05:53:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 05:39:05 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...	4.486	3.780	72993940	98810271	53.555	54.104
2) SA Decachlor...	10.175	8.781	59178077	71524197	53.748	53.924
Target Compounds						
16) L4 AR-1242-1	5.637	4.858	20775175	30801945	544.021	533.231
17) L4 AR-1242-2	5.658	4.875	31979969	45687015	534.049	528.453
18) L4 AR-1242-3	5.720	5.052	19490860	24488942	532.233	532.986
19) L4 AR-1242-4	5.817	5.136	16125476	23556759	501.788	532.196
20) L4 AR-1242-5	6.547	5.657	17188141	29930341	525.039	541.800

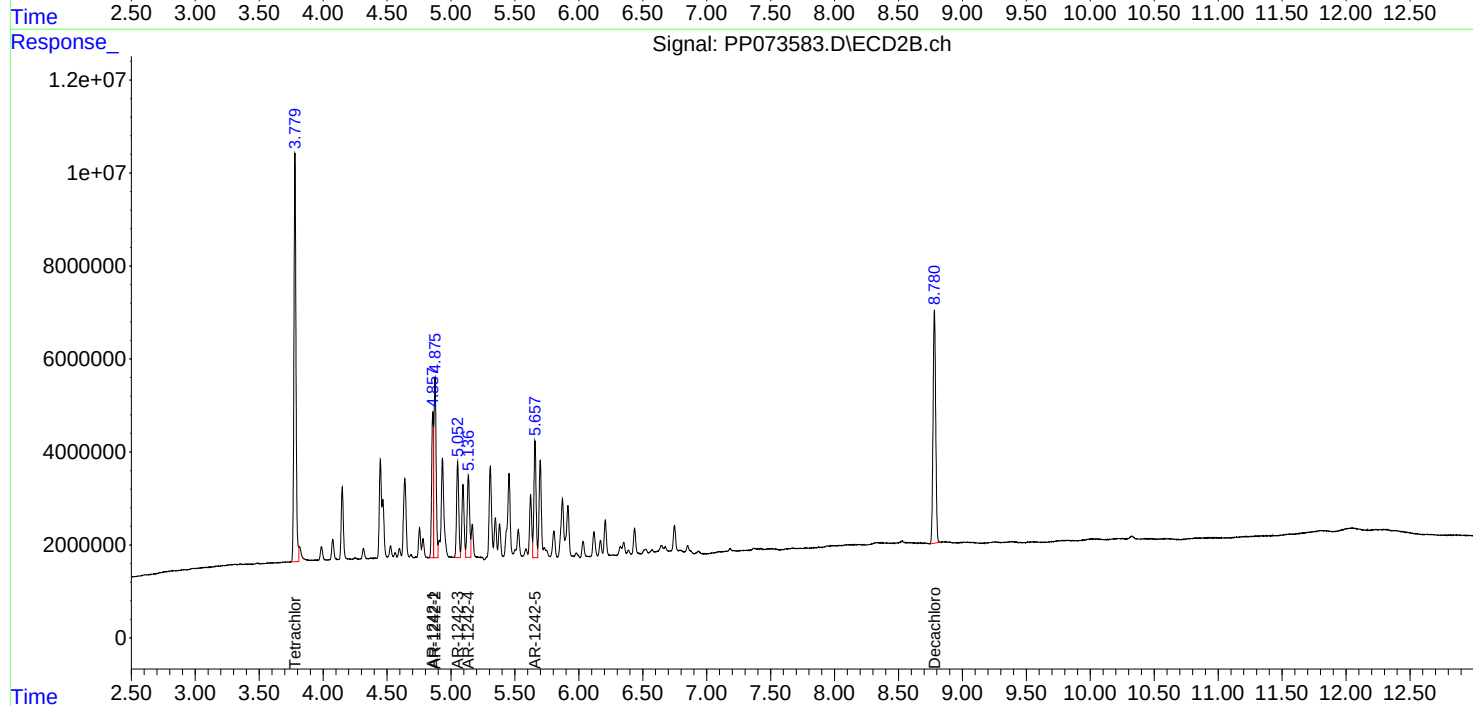
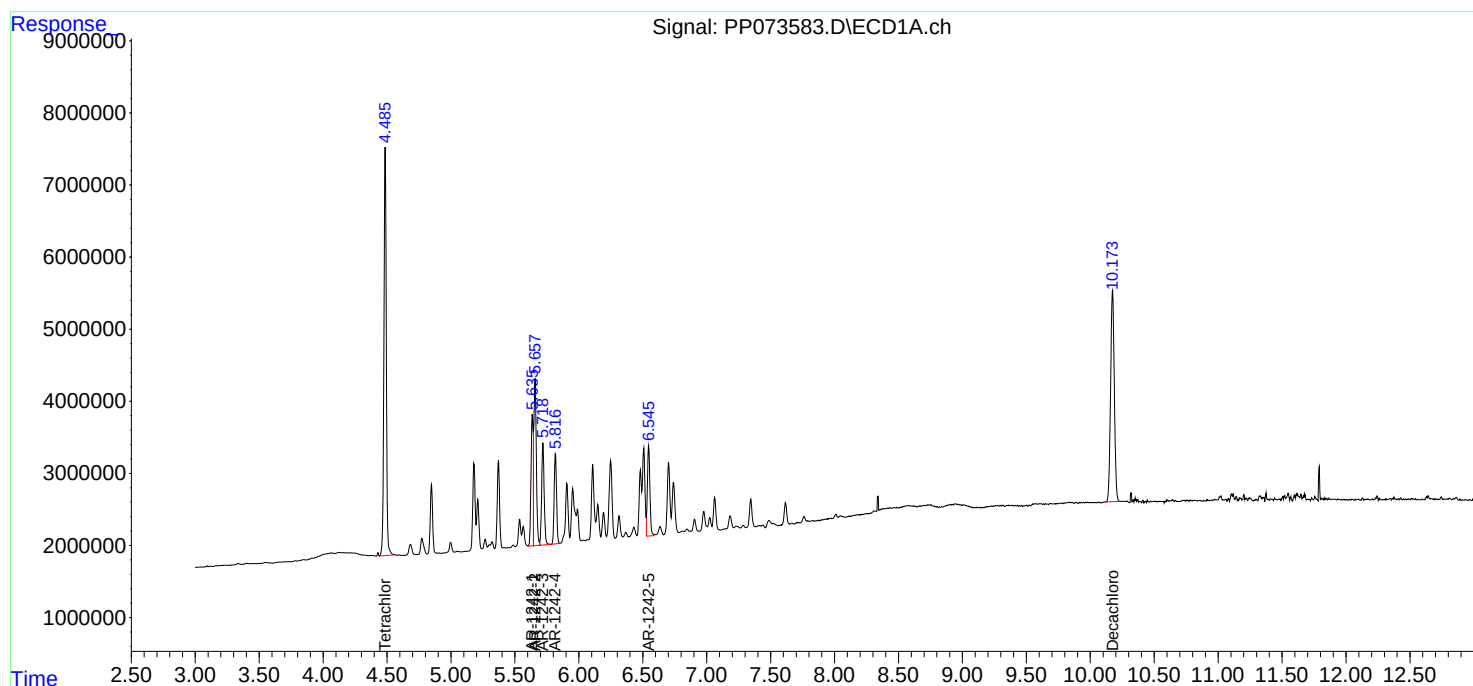
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073583.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:30
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 05:53:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 05:39:05 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 05:46
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 06:11:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 06:01:49 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...	4.489	3.778	71424974	97266201	52.153	52.796
2) SA Decachlor...	10.176	8.779	58027297	74824812	53.185	56.551
Target Compounds						
21) L5 AR-1248-1	5.639	4.857	15762091	23607850	510.587	525.847
22) L5 AR-1248-2	5.910	5.092	20492312	31849894	513.291	517.577
23) L5 AR-1248-3	6.112	5.134	23677594	33328191	533.164	520.228
24) L5 AR-1248-4	6.511	5.306	28997723	39129254	526.461	519.111
25) L5 AR-1248-5	6.550	5.697	28371365	39383540	527.441	527.994

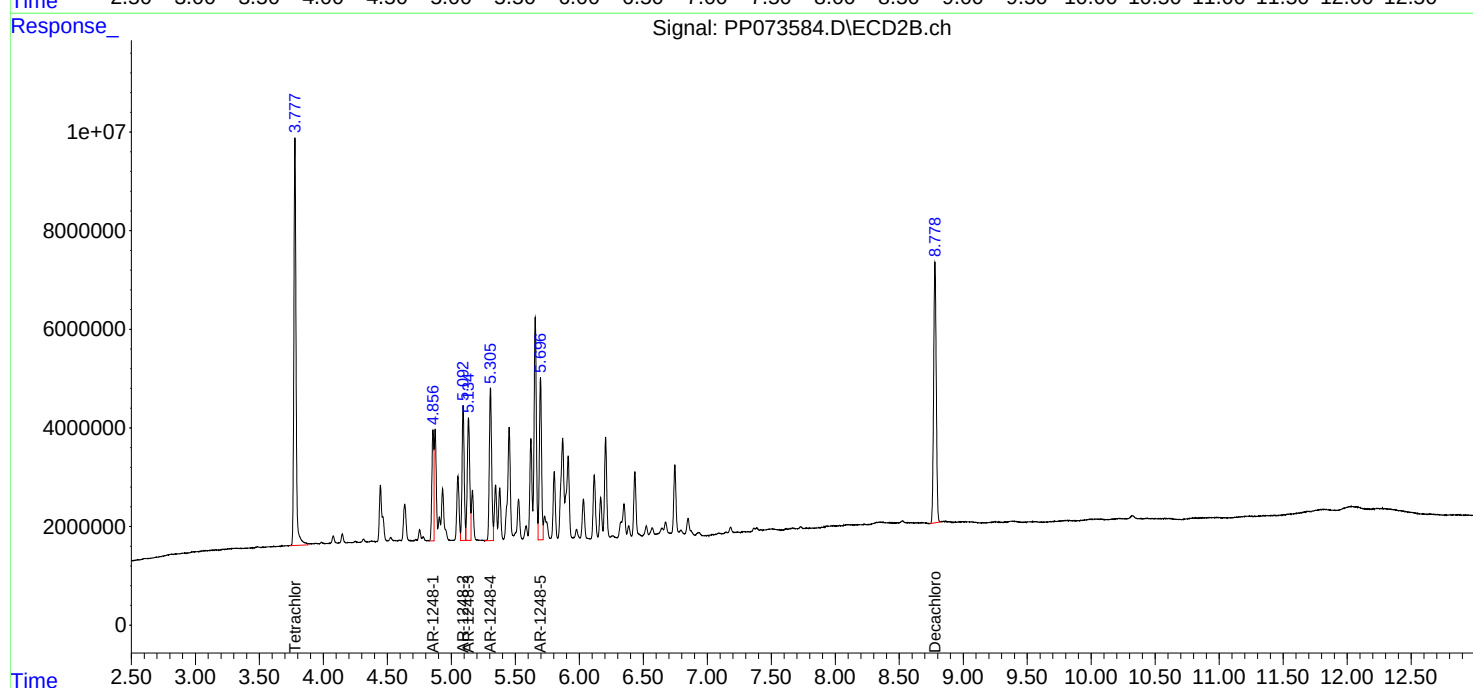
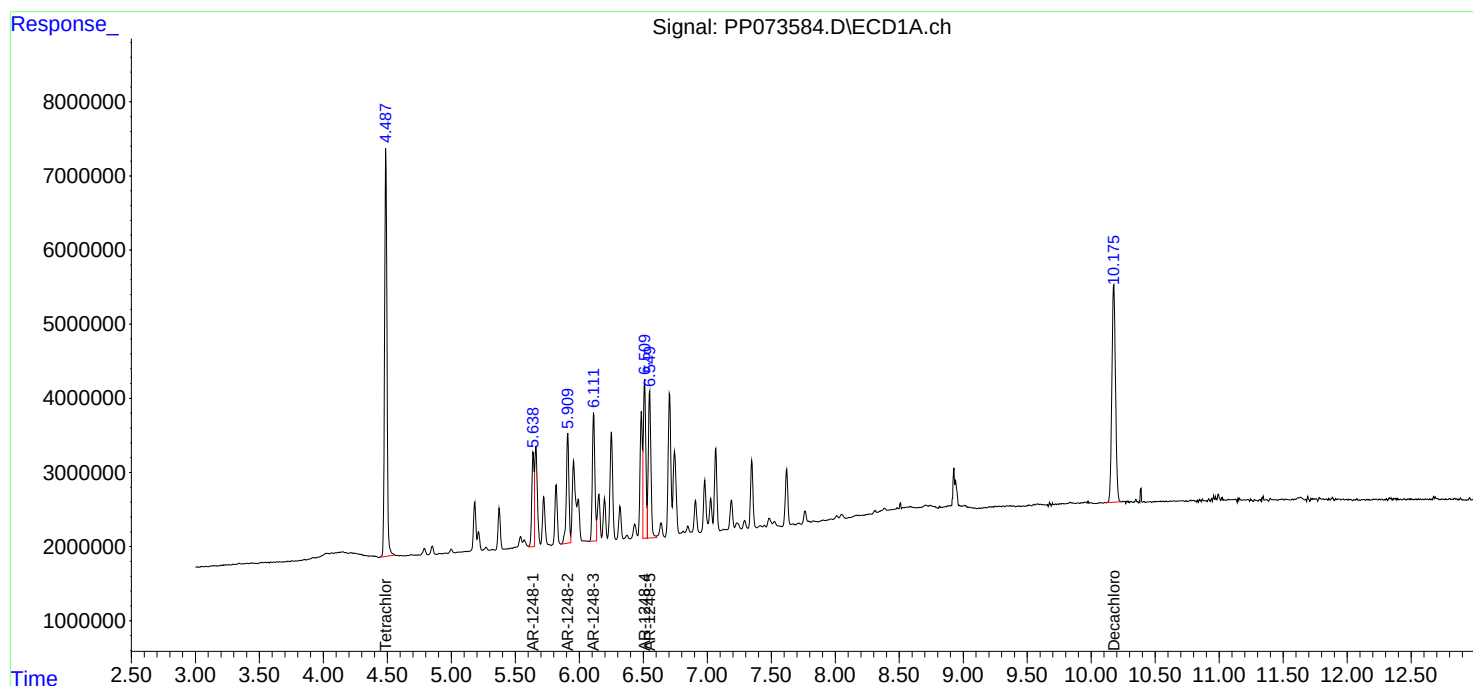
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 05:46
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:11:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073585.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 06:19
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 06:42:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 06:01:49 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...	4.488	3.779	72137939	98177371	52.674	53.291
2) SA Decachlor...	10.176	8.780	58669520	75798661	53.773	57.287
Target Compounds						
26) L6 AR-1254-1	6.486	5.657	27751618	57179282	517.855	492.797
27) L6 AR-1254-2	6.702	5.805	42039125	49615142	504.739	493.077
28) L6 AR-1254-3	7.065	6.207	45059626	78048221	510.118	505.342
29) L6 AR-1254-4	7.348	6.435	39772060	48017763	505.575	507.806
30) L6 AR-1254-5	7.764	6.851	38107518	68206603	517.204	511.122

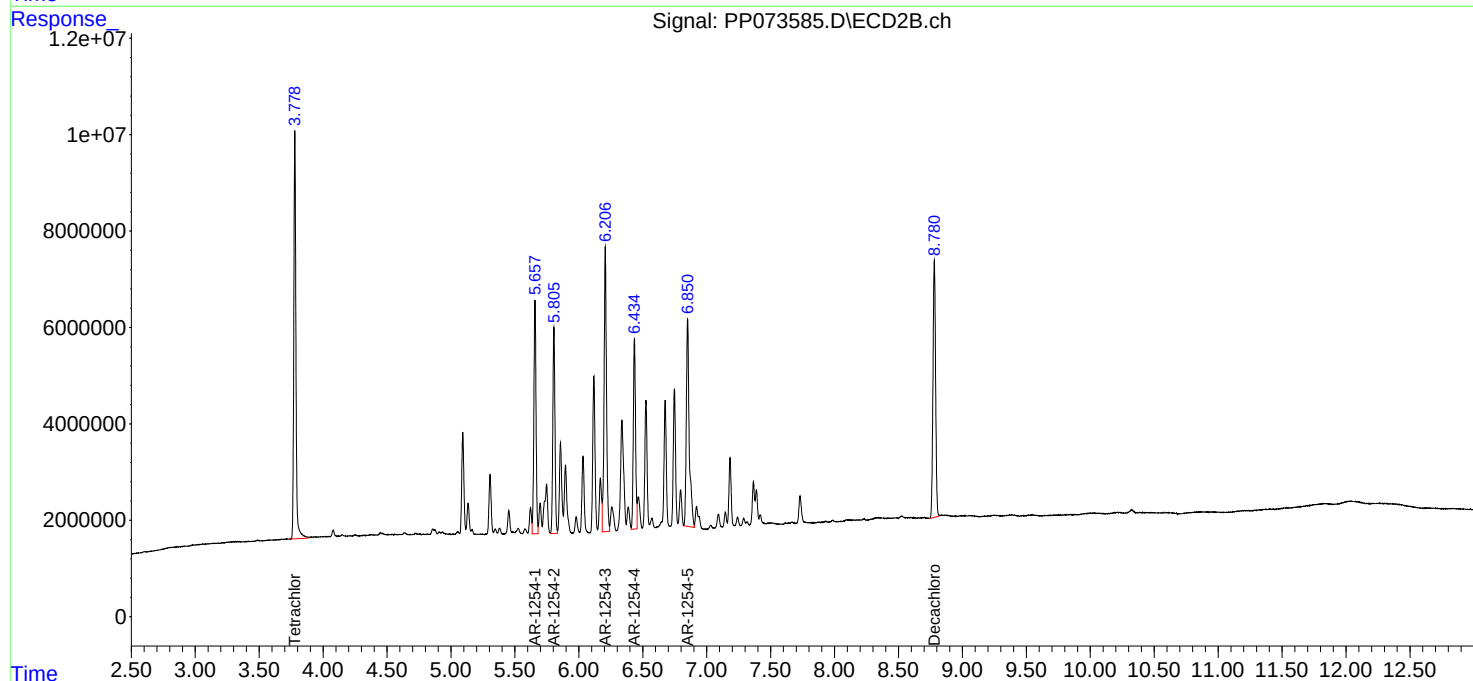
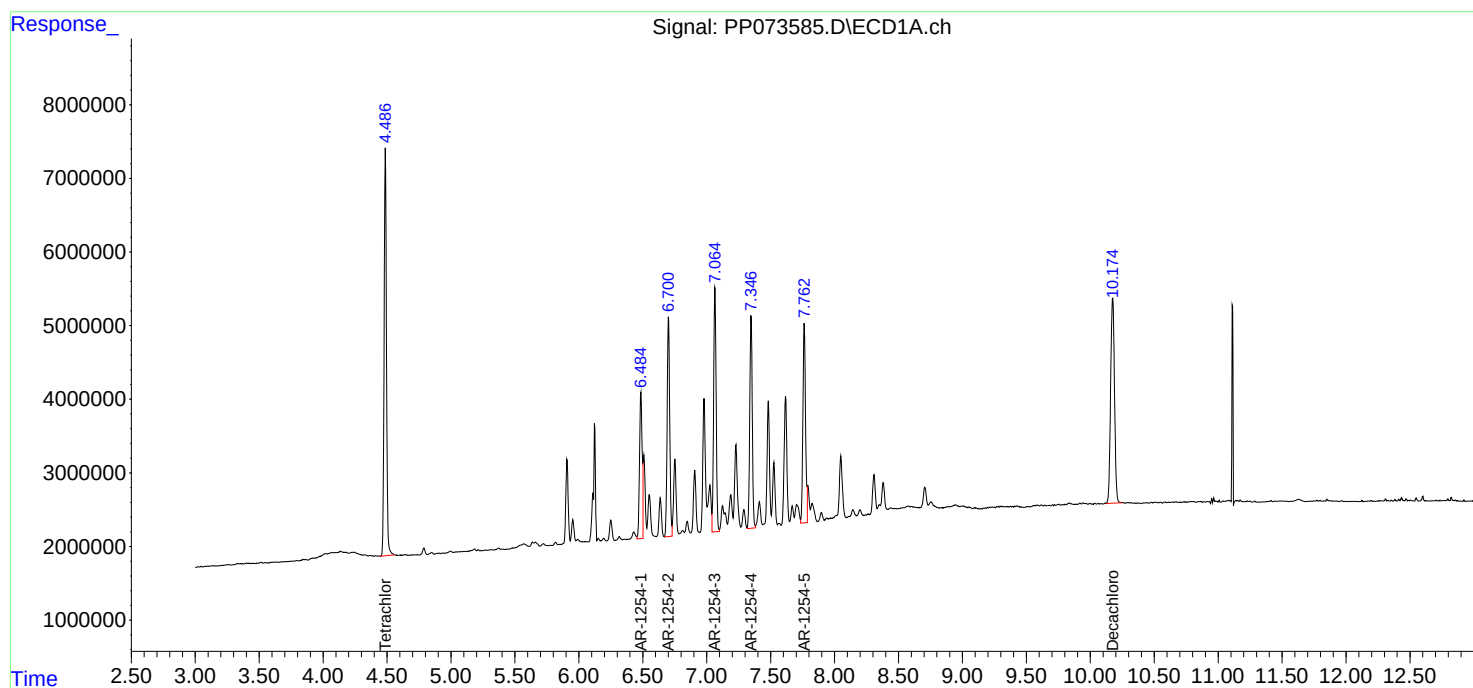
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073585.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:19
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 06:42:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 06:01:49 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
 Data File : PP073586.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 06:52
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP070825AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 08 08:27:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:22:37 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...	4.484	3.778	70596120	97414683	50.662	50.893
2) SA Decachlor...	10.172	8.779	103.0E6	129.1E6	51.291	51.524
Target Compounds						
41) L9 AR-1268-1	8.689	7.667	113.4E6	151.6E6	508.169	493.340
42) L9 AR-1268-2	8.781	7.734	97840395	131.8E6	513.584	495.942
43) L9 AR-1268-3	9.010	7.935	83760936	112.1E6	505.877	496.950
44) L9 AR-1268-4	9.426	8.229	34884334	47107861	501.616	506.711
45) L9 AR-1268-5	9.837	8.525	236.8E6	312.0E6	513.720	506.004

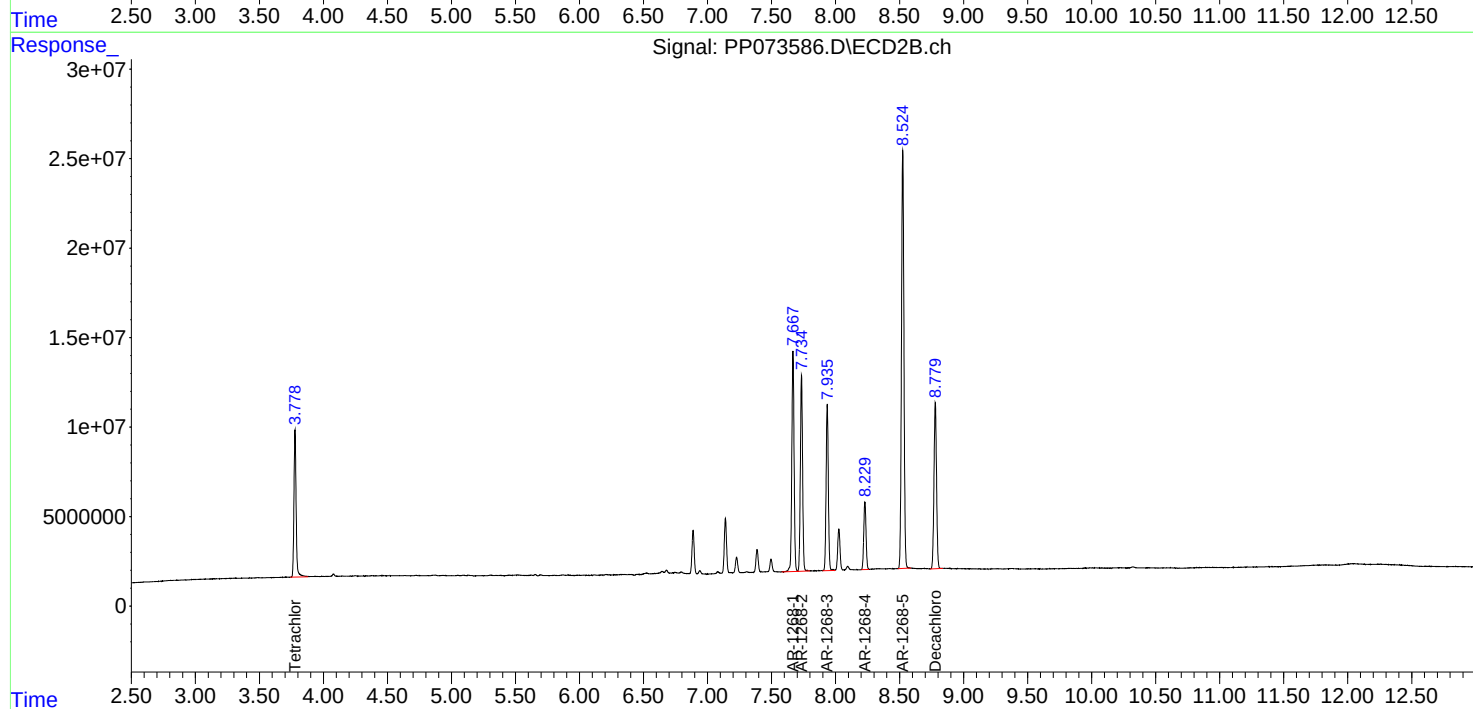
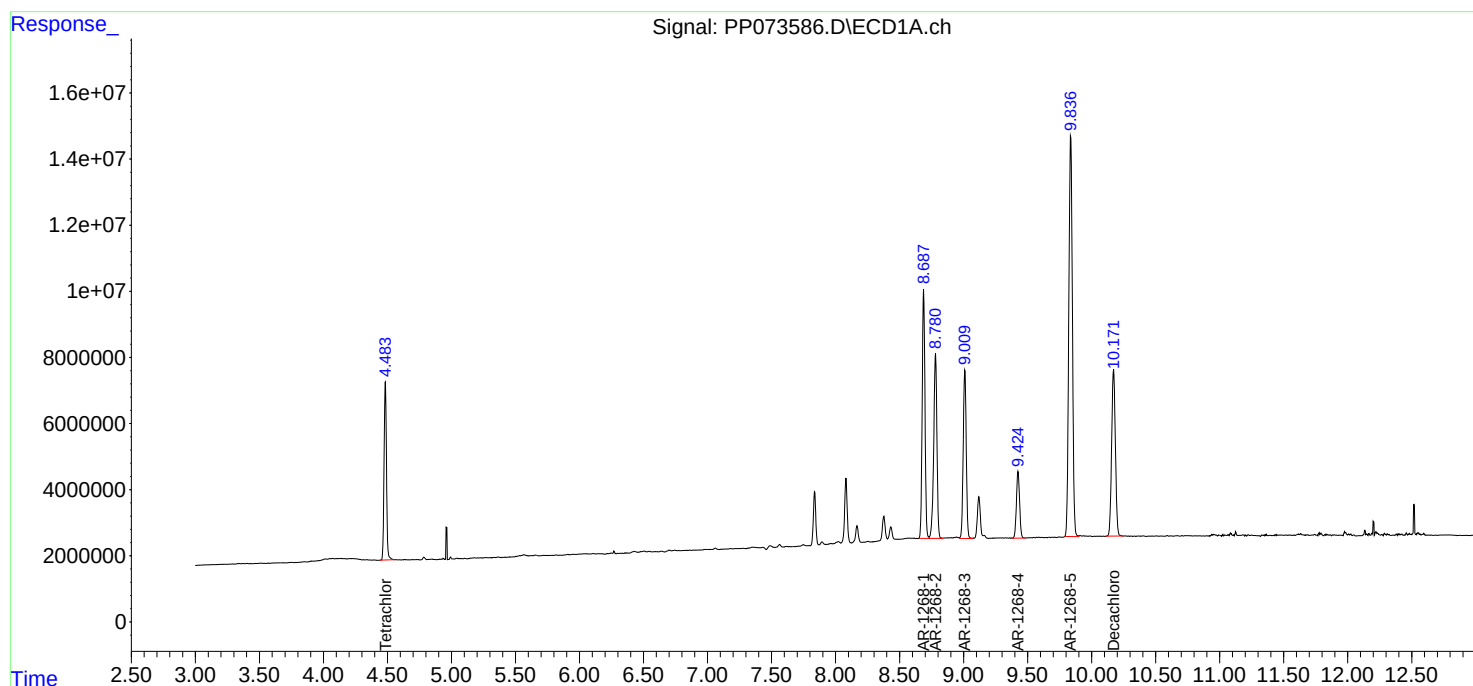
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073586.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 06:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP070825AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:27:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/08/2025 07/08/2025

Continuing Calib Time: 09:55

Initial Calibration Time(s): 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.80	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/08/2025

07/08/2025

Continuing Calib Time: 09:55

Initial Calibration Time(s): 14:06

22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.98	5.00	4.90	5.10	0.02
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.02
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.67	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112181.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.758	4.661	4.861	499.430	500.000	-0.1
Aroclor-1016-2	4.776	4.680	4.880	513.210	500.000	2.6
Aroclor-1016-3	4.833	4.736	4.936	498.860	500.000	-0.2
Aroclor-1016-4	4.953	4.856	5.056	510.770	500.000	2.2
Aroclor-1016-5	5.210	5.113	5.313	515.740	500.000	3.1
Aroclor-1260-1	6.248	6.151	6.351	497.790	500.000	-0.4
Aroclor-1260-2	6.437	6.341	6.541	503.840	500.000	0.8
Aroclor-1260-3	6.803	6.707	6.907	498.140	500.000	-0.4
Aroclor-1260-4	7.063	6.967	7.167	519.110	500.000	3.8
Aroclor-1260-5	7.306	7.209	7.409	534.810	500.000	7.0
Decachlorobiphenyl	8.699	8.603	8.803	53.080	50.000	6.2
Tetrachloro-m-xylene	3.670	3.573	3.773	52.160	50.000	4.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL01 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112181.D **Time Analyzed:** 09:55

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.740	4.661	4.861	459.390	500.000	-8.1
Aroclor-1016-2	4.759	4.679	4.879	466.230	500.000	-6.8
Aroclor-1016-3	4.934	4.854	5.054	476.460	500.000	-4.7
Aroclor-1016-4	4.977	4.897	5.097	472.030	500.000	-5.6
Aroclor-1016-5	5.189	5.109	5.309	497.890	500.000	-0.4
Aroclor-1260-1	6.218	6.138	6.338	489.330	500.000	-2.1
Aroclor-1260-2	6.406	6.326	6.526	492.960	500.000	-1.4
Aroclor-1260-3	6.558	6.478	6.678	505.180	500.000	1.0
Aroclor-1260-4	7.028	6.948	7.148	472.680	500.000	-5.5
Aroclor-1260-5	7.269	7.190	7.390	474.810	500.000	-5.0
Decachlorobiphenyl	8.647	8.568	8.768	50.630	50.000	1.3
Tetrachloro-m-xylene	3.665	3.584	3.784	49.470	50.000	-1.1

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071025\
 Data File : PO112181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 09:55
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 11:16:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 10:50:50 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...	3.670	3.665	516.1E6	315.2E6	52.159	49.472
2) SA Decachlor...	8.699	8.647	362.9E6	87258999	53.083	50.630
Target Compounds						
3) L1 AR-1016-1	4.758	4.740	169.9E6	102.4E6	499.431	459.392m
4) L1 AR-1016-2	4.776	4.759	255.2E6	153.4E6	513.208	466.229m
5) L1 AR-1016-3	4.833	4.934	161.5E6	80934243	498.863	476.457
6) L1 AR-1016-4	4.953	4.977	131.2E6	64775266	510.774	472.028
7) L1 AR-1016-5	5.210	5.189	141.1E6	85860690	515.743	497.887
31) L7 AR-1260-1	6.248	6.218	249.5E6	137.3E6	497.792	489.328
32) L7 AR-1260-2	6.437	6.406	371.9E6	167.6E6	503.843	492.957
33) L7 AR-1260-3	6.803	6.558	326.5E6	139.2E6	498.138	505.177m
34) L7 AR-1260-4	7.063	7.028	225.9E6	94841446	519.115	472.683m
35) L7 AR-1260-5	7.306	7.269	675.2E6	212.6E6	534.808	474.810

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO071025\
Data File : PO112181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 09:55
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

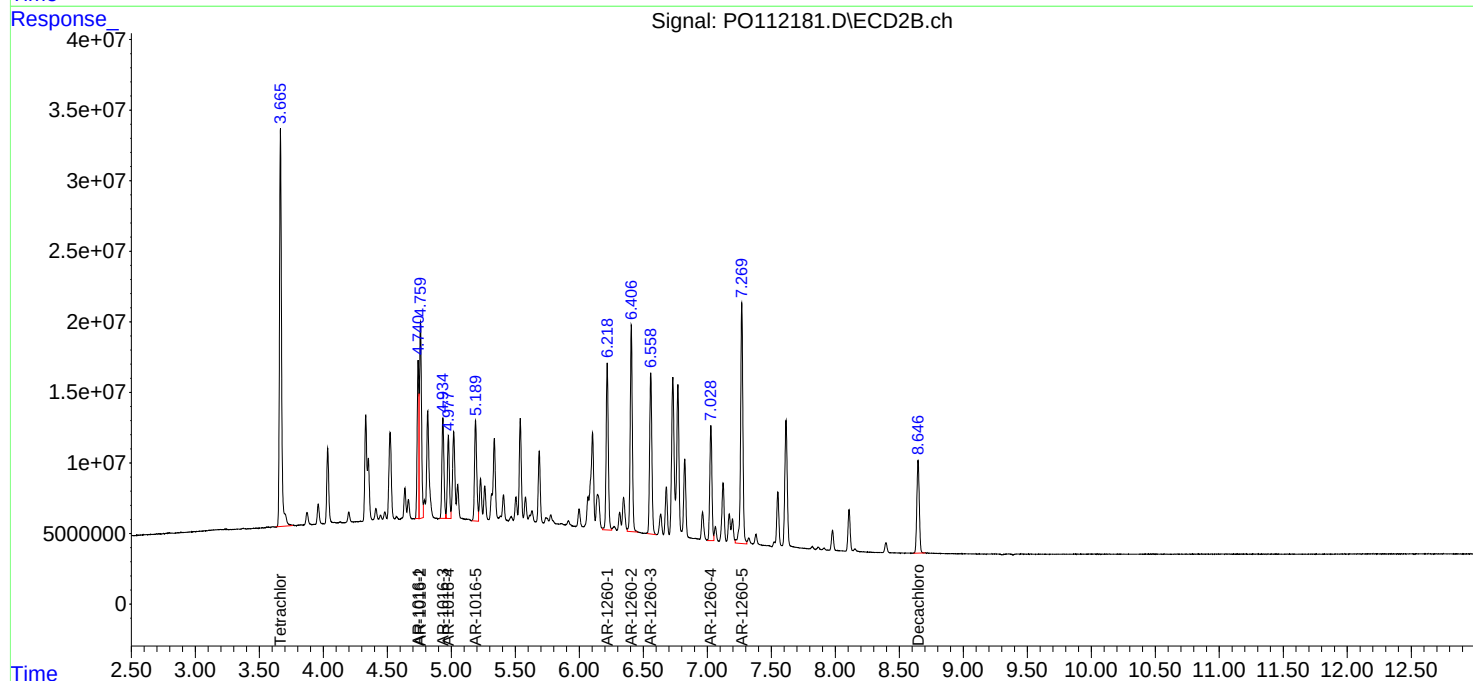
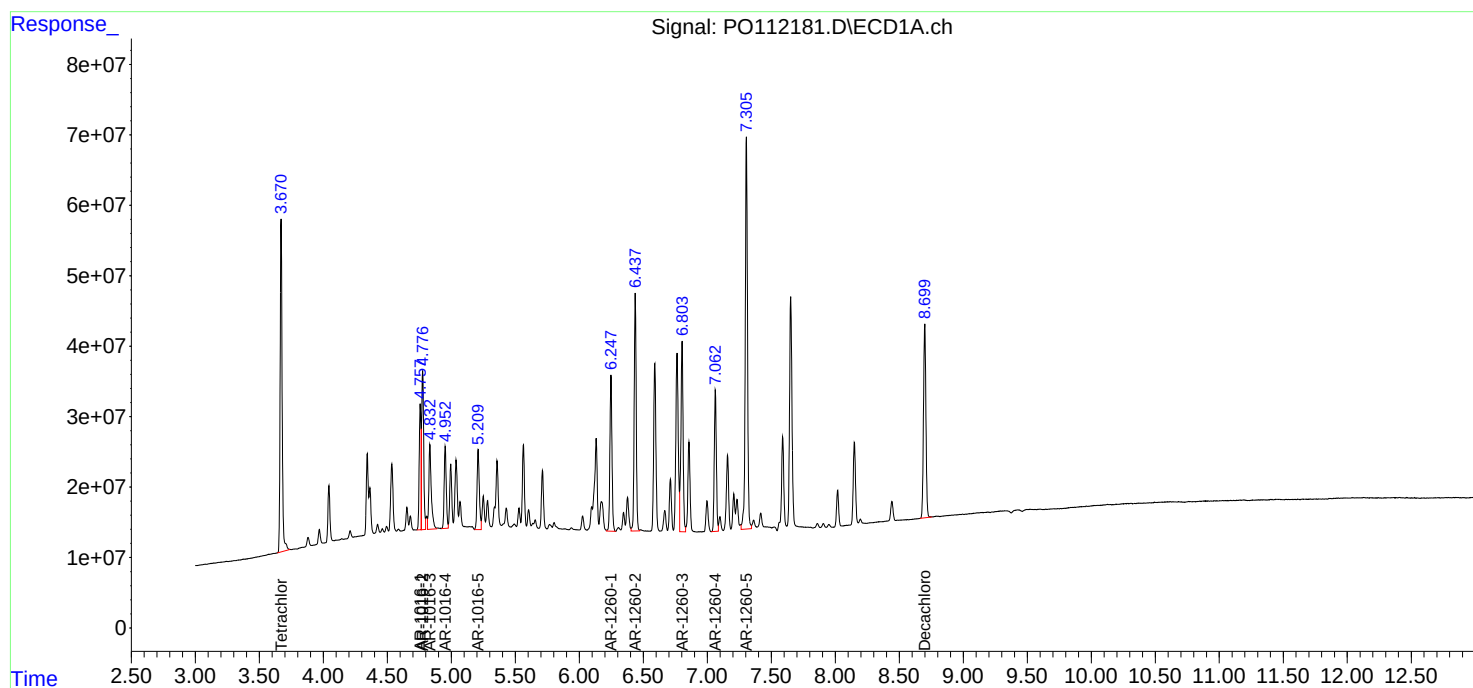
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 11:16:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/08/2025

07/08/2025

Continuing Calib Time: 17:18

Initial Calibration Time(s): 14:06

22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.76	4.76	4.66	4.86	0.00
Aroclor-1016-2	(2)	4.78	4.78	4.68	4.88	0.00
Aroclor-1016-3	(3)	4.83	4.84	4.74	4.94	0.01
Aroclor-1016-4	(4)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-5	(5)	5.21	5.21	5.11	5.31	0.00
Aroclor-1260-1	(1)	6.25	6.25	6.15	6.35	0.00
Aroclor-1260-2	(2)	6.44	6.44	6.34	6.54	0.00
Aroclor-1260-3	(3)	6.81	6.81	6.71	6.91	0.01
Aroclor-1260-4	(4)	7.06	7.07	6.97	7.17	0.01
Aroclor-1260-5	(5)	7.31	7.31	7.21	7.41	0.00
Tetrachloro-m-xylene		3.67	3.67	3.57	3.77	0.00
Decachlorobiphenyl		8.70	8.70	8.60	8.80	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/08/2025 07/08/2025

Continuing Calib Time: 17:18

Initial Calibration Time(s): 14:06 22:16

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.74	4.76	4.66	4.86	0.02
Aroclor-1016-2	(2)	4.76	4.78	4.68	4.88	0.02
Aroclor-1016-3	(3)	4.93	4.95	4.85	5.05	0.02
Aroclor-1016-4	(4)	4.98	5.00	4.90	5.10	0.02
Aroclor-1016-5	(5)	5.19	5.21	5.11	5.31	0.02
Aroclor-1260-1	(1)	6.22	6.24	6.14	6.34	0.02
Aroclor-1260-2	(2)	6.41	6.43	6.33	6.53	0.02
Aroclor-1260-3	(3)	6.56	6.58	6.48	6.68	0.02
Aroclor-1260-4	(4)	7.03	7.05	6.95	7.15	0.02
Aroclor-1260-5	(5)	7.27	7.29	7.19	7.39	0.02
Tetrachloro-m-xylene		3.66	3.68	3.58	3.78	0.02
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112196.D **Time Analyzed:** 17:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.759	4.661	4.861	560.040	500.000	12.0
Aroclor-1016-2	4.777	4.680	4.880	560.420	500.000	12.1
Aroclor-1016-3	4.834	4.736	4.936	543.320	500.000	8.7
Aroclor-1016-4	4.954	4.856	5.056	558.410	500.000	11.7
Aroclor-1016-5	5.212	5.113	5.313	536.860	500.000	7.4
Aroclor-1260-1	6.249	6.151	6.351	475.630	500.000	-4.9
Aroclor-1260-2	6.439	6.341	6.541	413.920	500.000	-17.2
Aroclor-1260-3	6.805	6.707	6.907	406.480	500.000	-18.7
Aroclor-1260-4	7.064	6.967	7.167	472.020	500.000	-5.6
Aroclor-1260-5	7.308	7.209	7.409	430.670	500.000	-13.9
Decachlorobiphenyl	8.701	8.603	8.803	38.770	50.000	-22.5
Tetrachloro-m-xylene	3.672	3.573	3.773	59.100	50.000	18.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/08/2025 07/08/2025

Client Sample No.: CCAL02 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO112196.D **Time Analyzed:** 17:18

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.740	4.661	4.861	537.020	500.000	7.4
Aroclor-1016-2	4.759	4.679	4.879	515.100	500.000	3.0
Aroclor-1016-3	4.934	4.854	5.054	531.360	500.000	6.3
Aroclor-1016-4	4.977	4.897	5.097	515.570	500.000	3.1
Aroclor-1016-5	5.188	5.109	5.309	554.910	500.000	11.0
Aroclor-1260-1	6.218	6.138	6.338	462.920	500.000	-7.4
Aroclor-1260-2	6.406	6.326	6.526	459.680	500.000	-8.1
Aroclor-1260-3	6.558	6.478	6.678	452.360	500.000	-9.5
Aroclor-1260-4	7.027	6.948	7.148	420.160	500.000	-16.0
Aroclor-1260-5	7.269	7.190	7.390	432.610	500.000	-13.5
Decachlorobiphenyl	8.648	8.568	8.768	44.850	50.000	-10.3
Tetrachloro-m-xylene	3.664	3.584	3.784	56.840	50.000	13.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0071025\
 Data File : PO112196.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 17:18
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:54:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 10:50:50 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...	3.672	3.664	584.8E6	362.1E6	59.104	56.840
2)	SA Decachlor...	8.701	8.648	265.1E6	77297008	38.772	44.850
Target Compounds							
3)	L1 AR-1016-1	4.759	4.740	190.5E6	119.7E6	560.038	537.019m
4)	L1 AR-1016-2	4.777	4.759	278.7E6	169.5E6	560.418	515.100m
5)	L1 AR-1016-3	4.834	4.934	175.9E6	90261271	543.316	531.365
6)	L1 AR-1016-4	4.954	4.977	143.4E6	70750145	558.408	515.568
7)	L1 AR-1016-5	5.212	5.188	146.9E6	95694223	536.861	554.909m
31)	L7 AR-1260-1	6.249	6.218	238.4E6	129.9E6	475.630	462.915
32)	L7 AR-1260-2	6.439	6.406	305.5E6	156.3E6	413.923	459.684
33)	L7 AR-1260-3	6.805	6.558	266.4E6	124.7E6	406.476	452.360m
34)	L7 AR-1260-4	7.064	7.027	205.4E6	84303611	472.018	420.163m
35)	L7 AR-1260-5	7.308	7.269	543.7E6	193.7E6	430.669	432.605

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO071025\
Data File : PO112196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 17:18
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

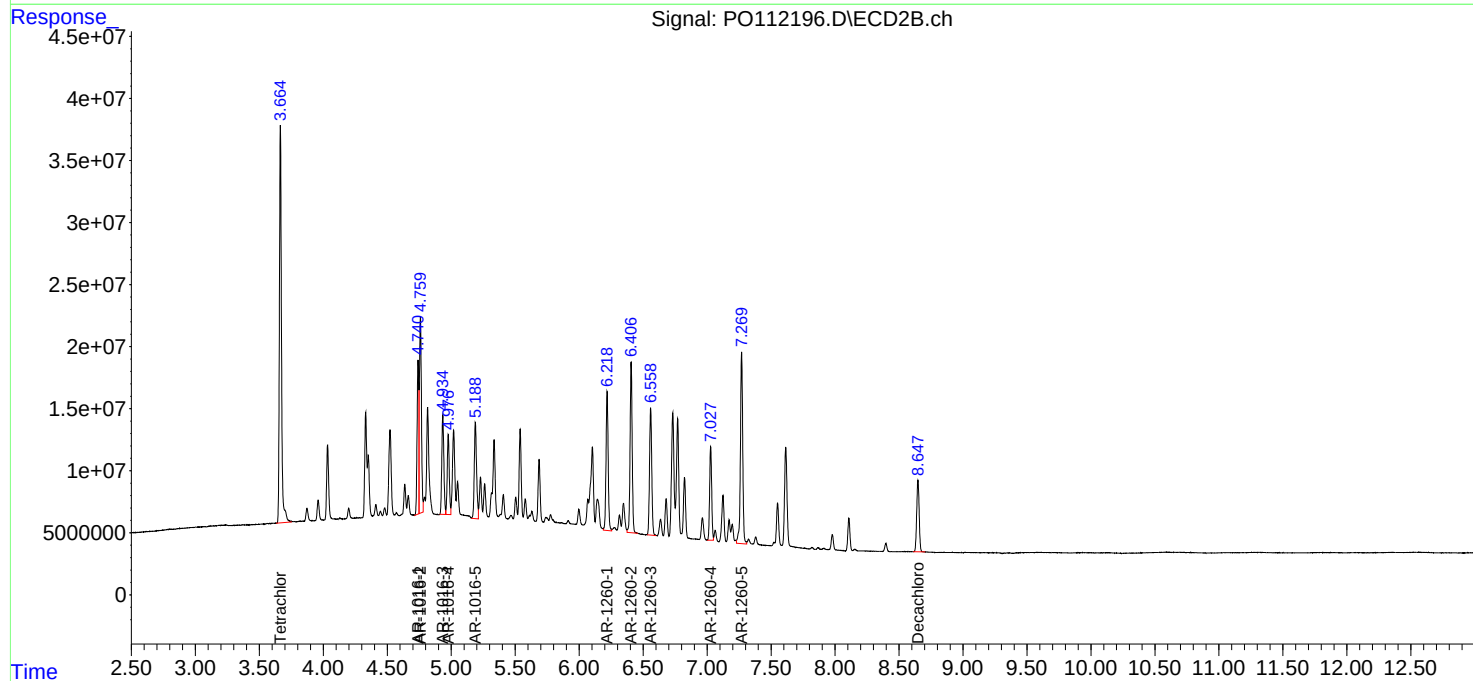
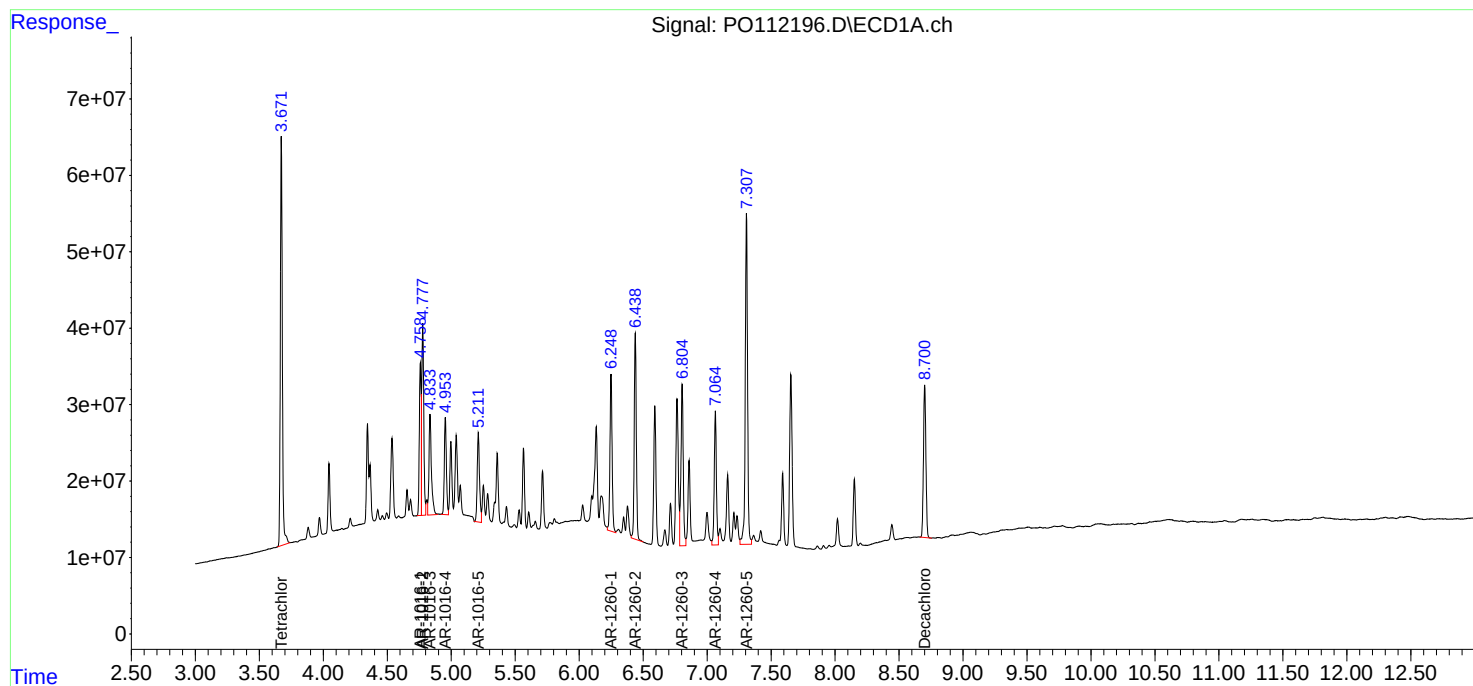
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:54:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 09:22

Initial Calibration Time(s): 21:03

04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 09:22

Initial Calibration Time(s): 21:03

04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073691.D **Time Analyzed:** 09:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.638	5.539	5.739	472.060	500.000	-5.6
Aroclor-1016-2	5.659	5.560	5.760	493.380	500.000	-1.3
Aroclor-1016-3	5.721	5.622	5.822	489.480	500.000	-2.1
Aroclor-1016-4	5.819	5.720	5.920	499.970	500.000	0.0
Aroclor-1016-5	6.111	6.012	6.212	522.700	500.000	4.5
Aroclor-1260-1	7.228	7.129	7.329	491.200	500.000	-1.8
Aroclor-1260-2	7.481	7.383	7.583	421.210	500.000	-15.8
Aroclor-1260-3	7.839	7.740	7.940	468.730	500.000	-6.3
Aroclor-1260-4	8.063	7.964	8.164	484.890	500.000	-3.0
Aroclor-1260-5	8.380	8.283	8.483	477.770	500.000	-4.4
Decachlorobiphenyl	10.174	10.076	10.276	50.150	50.000	0.3
Tetrachloro-m-xylene	4.488	4.388	4.588	50.060	50.000	0.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL03 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073691.D **Time Analyzed:** 09:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.856	4.758	4.958	502.710	500.000	0.5
Aroclor-1016-2	4.873	4.775	4.975	500.290	500.000	0.1
Aroclor-1016-3	5.050	4.951	5.151	509.040	500.000	1.8
Aroclor-1016-4	5.091	4.993	5.193	505.520	500.000	1.1
Aroclor-1016-5	5.305	5.207	5.407	528.100	500.000	5.6
Aroclor-1260-1	6.335	6.237	6.437	522.390	500.000	4.5
Aroclor-1260-2	6.524	6.425	6.625	534.750	500.000	7.0
Aroclor-1260-3	6.675	6.577	6.777	521.300	500.000	4.3
Aroclor-1260-4	7.144	7.046	7.246	532.670	500.000	6.5
Aroclor-1260-5	7.386	7.289	7.489	525.960	500.000	5.2
Decachlorobiphenyl	8.777	8.680	8.880	57.890	50.000	15.8
Tetrachloro-m-xylene	3.778	3.678	3.878	50.320	50.000	0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
 Data File : PP073691.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 09:22
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 11:36:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.488	3.778	68561558	92701952	50.062	50.319
2) SA Decachlor...	10.174	8.777	54716110	76594579	50.150	57.888
Target Compounds						
3) L1 AR-1016-1	5.638	4.856	22429391	34272134	472.063	502.710
4) L1 AR-1016-2	5.659	4.873	35136226	50971577	493.383	500.288
5) L1 AR-1016-3	5.721	5.050	21372207	27542056	489.480	509.036
6) L1 AR-1016-4	5.819	5.091	17971582	22182647	499.966	505.520
7) L1 AR-1016-5	6.111	5.305	16376309	28824816	522.697	528.096m
31) L7 AR-1260-1	7.228	6.335	28961665	50964616	491.198	522.391
32) L7 AR-1260-2	7.481	6.524	40368575	65687623	421.209	534.752 #
33) L7 AR-1260-3	7.839	6.675	34250070	57063636	468.726	521.301
34) L7 AR-1260-4	8.063	7.144	31663116	47624867	484.888	532.666
35) L7 AR-1260-5	8.380	7.386	72073235	118.2E6	477.772	525.958

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 09:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

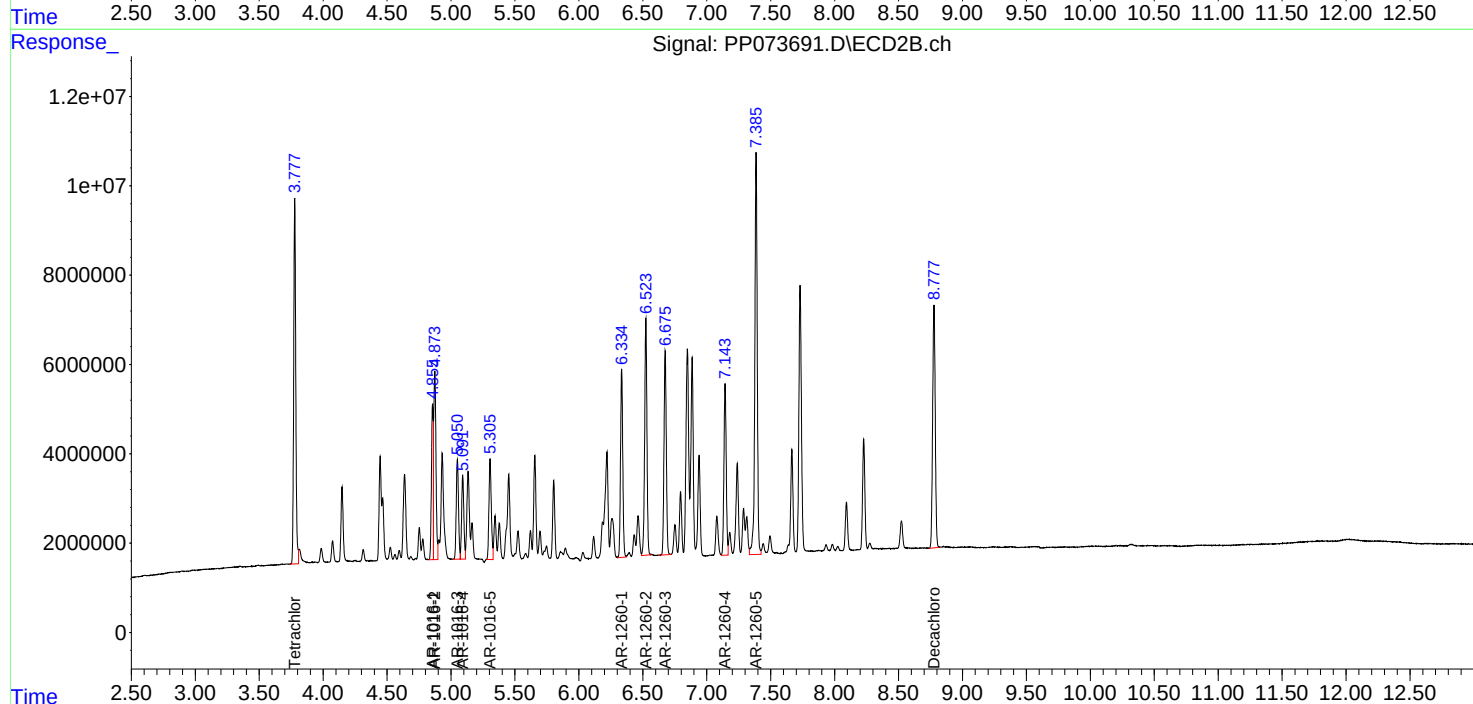
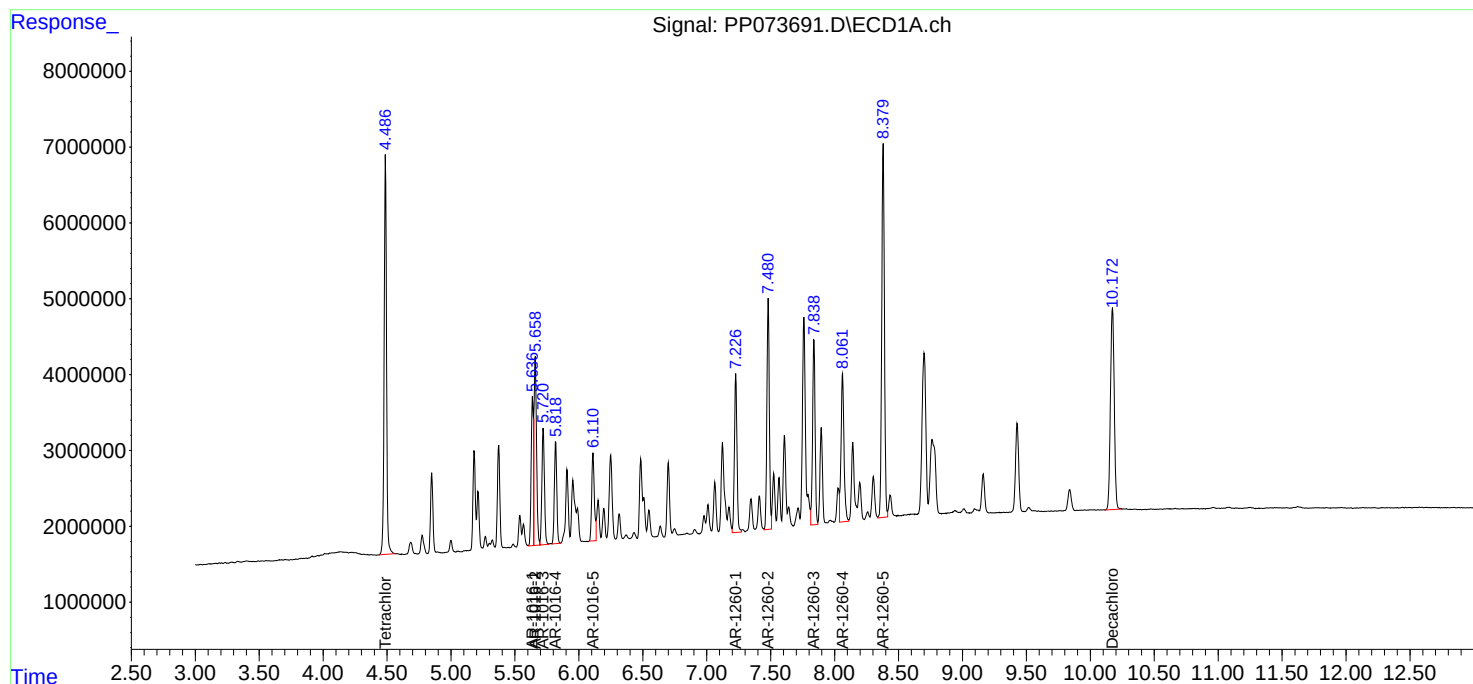
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 11:36:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 15:50

Initial Calibration Time(s): 21:03

04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.64	5.64	5.54	5.74	0.00
Aroclor-1016-2	(2)	5.66	5.66	5.56	5.76	0.00
Aroclor-1016-3	(3)	5.72	5.72	5.62	5.82	0.00
Aroclor-1016-4	(4)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-5	(5)	6.11	6.11	6.01	6.21	0.00
Aroclor-1260-1	(1)	7.23	7.23	7.13	7.33	0.00
Aroclor-1260-2	(2)	7.48	7.48	7.38	7.58	0.00
Aroclor-1260-3	(3)	7.84	7.84	7.74	7.94	0.00
Aroclor-1260-4	(4)	8.06	8.06	7.96	8.16	0.00
Aroclor-1260-5	(5)	8.38	8.38	8.28	8.48	0.00
Tetrachloro-m-xylene		4.49	4.49	4.39	4.59	0.00
Decachlorobiphenyl		10.17	10.18	10.08	10.28	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Continuing Calib Date: 07/10/2025

Initial Calibration Date(s): 07/07/2025

07/08/2025

Continuing Calib Time: 15:50

Initial Calibration Time(s): 21:03

04:24

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.86	4.86	4.76	4.96	0.00
Aroclor-1016-2	(2)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.09	4.99	5.19	0.00
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073705.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.638	5.539	5.739	457.300	500.000	-8.5
Aroclor-1016-2	5.660	5.560	5.760	473.030	500.000	-5.4
Aroclor-1016-3	5.722	5.622	5.822	477.830	500.000	-4.4
Aroclor-1016-4	5.819	5.720	5.920	490.940	500.000	-1.8
Aroclor-1016-5	6.111	6.012	6.212	498.030	500.000	-0.4
Aroclor-1260-1	7.228	7.129	7.329	457.580	500.000	-8.5
Aroclor-1260-2	7.482	7.383	7.583	396.380	500.000	-20.7
Aroclor-1260-3	7.840	7.740	7.940	442.240	500.000	-11.6
Aroclor-1260-4	8.063	7.964	8.164	447.850	500.000	-10.4
Aroclor-1260-5	8.381	8.283	8.483	458.600	500.000	-8.3
Decachlorobiphenyl	10.174	10.076	10.276	47.000	50.000	-6.0
Tetrachloro-m-xylene	4.488	4.388	4.588	50.640	50.000	1.3



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CAMP02
Lab Code: ACE **SDG NO.:** Q2543
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 07/07/2025 07/07/2025

Client Sample No.: CCAL04 **Date Analyzed:** 07/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP073705.D **Time Analyzed:** 15:50

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.856	4.758	4.958	511.240	500.000	2.2
Aroclor-1016-2	4.874	4.775	4.975	511.870	500.000	2.4
Aroclor-1016-3	5.051	4.951	5.151	514.240	500.000	2.8
Aroclor-1016-4	5.092	4.993	5.193	508.640	500.000	1.7
Aroclor-1016-5	5.306	5.207	5.407	555.300	500.000	11.1
Aroclor-1260-1	6.335	6.237	6.437	473.360	500.000	-5.3
Aroclor-1260-2	6.524	6.425	6.625	481.990	500.000	-3.6
Aroclor-1260-3	6.676	6.577	6.777	455.070	500.000	-9.0
Aroclor-1260-4	7.145	7.046	7.246	462.000	500.000	-7.6
Aroclor-1260-5	7.387	7.289	7.489	457.020	500.000	-8.6
Decachlorobiphenyl	8.778	8.680	8.880	50.480	50.000	1.0
Tetrachloro-m-xylene	3.778	3.678	3.878	51.390	50.000	2.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
 Data File : PP073705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 15:50
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 22:54:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.488	3.778	69346646	94667024	50.636	51.385
2) SA Decachlor...	10.174	8.778	51281439	66798808	47.002	50.485
Target Compounds						
3) L1 AR-1016-1	5.638	4.856	21728166	34853980	457.304	511.245
4) L1 AR-1016-2	5.660	4.874	33686770	52151691	473.030	511.871
5) L1 AR-1016-3	5.722	5.051	20863555	27823405	477.831	514.236
6) L1 AR-1016-4	5.819	5.092	17647075	22319676	490.939	508.643
7) L1 AR-1016-5	6.111	5.306	15603639	30309539	498.035	555.298
31) L7 AR-1260-1	7.228	6.335	26979675	46181376	457.583	473.362
32) L7 AR-1260-2	7.482	6.524	37989390	59206651	396.384	481.991
33) L7 AR-1260-3	7.840	6.676	32314901	49813984	442.242	455.073
34) L7 AR-1260-4	8.063	7.145	29244341	41306899	447.847	462.002
35) L7 AR-1260-5	8.381	7.387	69180518	102.7E6	458.596	457.019

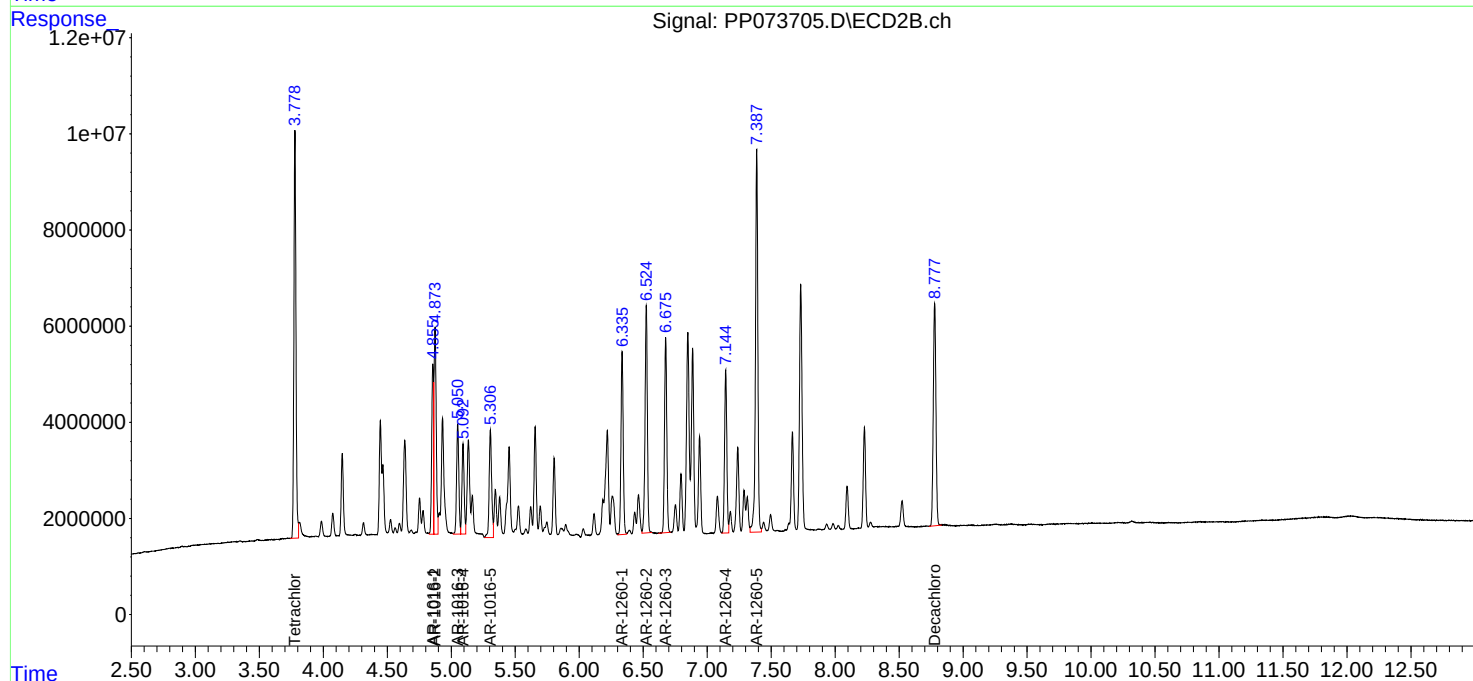
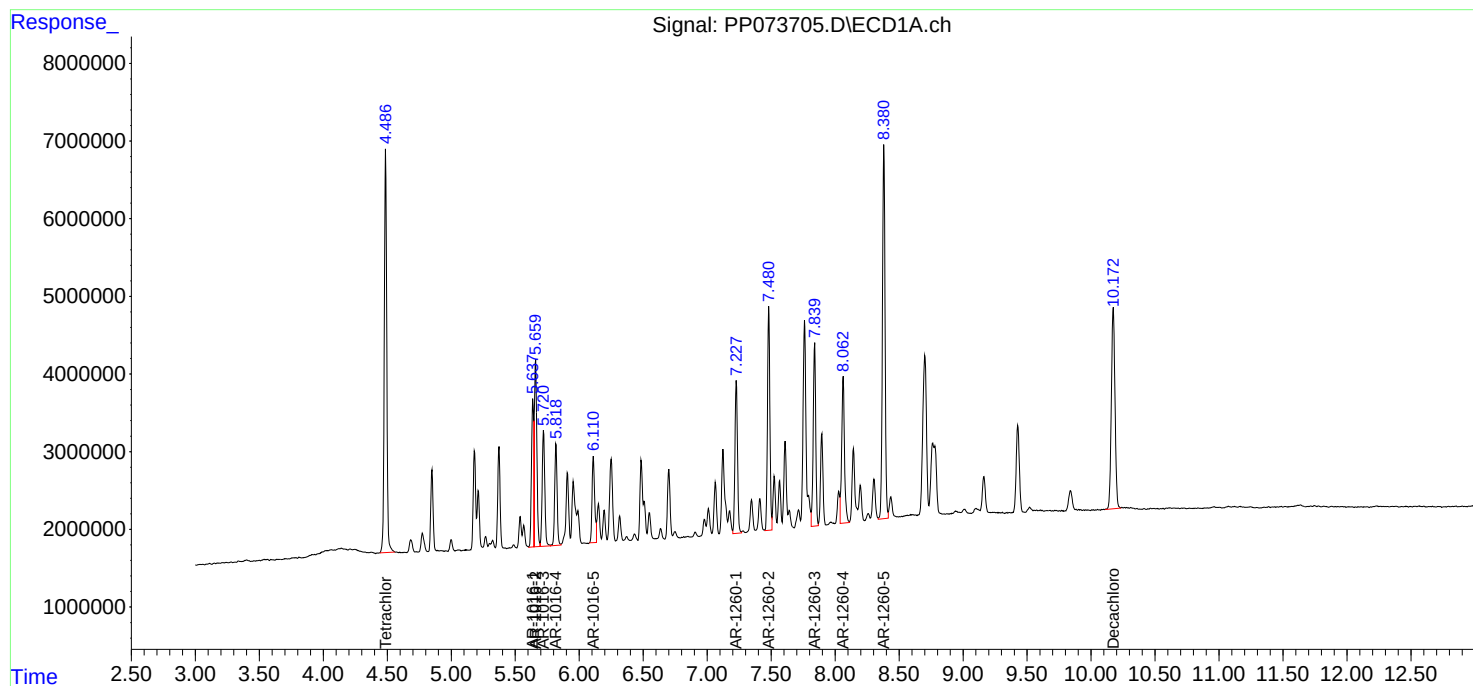
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 15:50
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:54:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



Analytical Sequence

Client: CDM Smith	SDG No.: Q2543
Project: South River WM Replacement	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 07/08/2025 07/08/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/08/2025	13:49	PO112087.D	8.70	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.70	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.70	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.70	3.67
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.70	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.70	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.70	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.70	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.70	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.70	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.70	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.70	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.70	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.70	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.70	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.70	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.70	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.70	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.70	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.70	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.70	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.70	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.70	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.70	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.70	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.70	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.70	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.70	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/10/2025	09:55	PO112181.D	8.70	3.67
IBLK	IBLK	07/10/2025	11:08	PO112185.D	8.70	3.67
TP-41	Q2543-01	07/10/2025	14:40	PO112190.D	8.70	3.67
TP-49	Q2543-02	07/10/2025	14:58	PO112191.D	8.70	3.67
TP-23	Q2543-03	07/10/2025	15:15	PO112192.D	8.70	3.67
TP-23-99	Q2543-04	07/10/2025	15:32	PO112193.D	8.70	3.67
AR1660CCC500	AR1660CCC500	07/10/2025	17:18	PO112196.D	8.70	3.67
IBLK	IBLK	07/10/2025	19:05	PO112200.D	8.70	3.67
IBLK	IBLK	07/07/2025	20:30	PP073553.D	10.18	4.49
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	10.18	4.49
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	10.18	4.49
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	10.18	4.49
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	10.18	4.49

Analytical Sequence

AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	10.17	4.49
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	10.18	4.49
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	10.18	4.49
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	10.18	4.49
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	10.18	4.49
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	10.17	4.49
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	10.18	4.49
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	10.17	4.49
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	10.18	4.49
AR1248ICC750	AR1248ICC750	07/08/2025	00:35	PP073567.D	10.18	4.49
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	10.17	4.49
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	10.18	4.49
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	10.17	4.49
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	10.18	4.49
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	10.18	4.49
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	10.17	4.49
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	10.18	4.49
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	10.18	4.49
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	10.18	4.49
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	10.18	4.49
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	10.18	4.49
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	10.18	4.49
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	10.17	4.49
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	10.18	4.49
AR1660CCC500	AR1660CCC500	07/10/2025	09:22	PP073691.D	10.17	4.49
IBLK	IBLK	07/10/2025	10:29	PP073695.D	10.17	4.49
PB168783BL	PB168783BL	07/10/2025	13:39	PP073700.D	10.17	4.49
PB168783BS	PB168783BS	07/10/2025	13:55	PP073701.D	10.17	4.48
TR-04-07092025MS	Q2537-01MS	07/10/2025	14:28	PP073703.D	10.17	4.48
TR-04-07092025MSD	Q2537-01MSD	07/10/2025	14:45	PP073704.D	10.17	4.49
AR1660CCC500	AR1660CCC500	07/10/2025	15:50	PP073705.D	10.17	4.49
IBLK	IBLK	07/10/2025	16:56	PP073709.D	10.17	4.49

Analytical Sequence

Client: CDM Smith	SDG No.: Q2543
Project: South River WM Replacement	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 07/08/2025 07/08/2025

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

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	07/08/2025	13:49	PO112087.D	8.65	3.67
AR1660ICC1000	AR1660ICC1000	07/08/2025	14:06	PO112088.D	8.65	3.67
AR1660ICC750	AR1660ICC750	07/08/2025	14:25	PO112089.D	8.65	3.67
AR1660ICC500	AR1660ICC500	07/08/2025	14:43	PO112090.D	8.67	3.68
AR1660ICC250	AR1660ICC250	07/08/2025	15:02	PO112091.D	8.65	3.67
AR1660ICC050	AR1660ICC050	07/08/2025	15:21	PO112092.D	8.65	3.67
AR1221ICC500	AR1221ICC500	07/08/2025	15:38	PO112093.D	8.65	3.67
AR1232ICC500	AR1232ICC500	07/08/2025	15:57	PO112094.D	8.65	3.67
AR1242ICC1000	AR1242ICC1000	07/08/2025	16:15	PO112095.D	8.65	3.67
AR1242ICC750	AR1242ICC750	07/08/2025	16:34	PO112096.D	8.65	3.67
AR1242ICC500	AR1242ICC500	07/08/2025	16:52	PO112097.D	8.65	3.67
AR1242ICC250	AR1242ICC250	07/08/2025	17:11	PO112098.D	8.65	3.67
AR1242ICC050	AR1242ICC050	07/08/2025	17:29	PO112099.D	8.65	3.67
AR1248ICC1000	AR1248ICC1000	07/08/2025	17:48	PO112100.D	8.65	3.67
AR1248ICC750	AR1248ICC750	07/08/2025	18:05	PO112101.D	8.65	3.67
AR1248ICC500	AR1248ICC500	07/08/2025	18:24	PO112102.D	8.65	3.67
AR1248ICC250	AR1248ICC250	07/08/2025	18:41	PO112103.D	8.65	3.67
AR1248ICC050	AR1248ICC050	07/08/2025	18:59	PO112104.D	8.65	3.67
AR1254ICC1000	AR1254ICC1000	07/08/2025	19:18	PO112105.D	8.65	3.67
AR1254ICC750	AR1254ICC750	07/08/2025	19:35	PO112106.D	8.65	3.67
AR1254ICC500	AR1254ICC500	07/08/2025	19:54	PO112107.D	8.65	3.67
AR1254ICC250	AR1254ICC250	07/08/2025	20:11	PO112108.D	8.65	3.67
AR1254ICC050	AR1254ICC050	07/08/2025	20:28	PO112109.D	8.65	3.67
AR1262ICC500	AR1262ICC500	07/08/2025	20:47	PO112110.D	8.65	3.67
AR1268ICC1000	AR1268ICC1000	07/08/2025	21:04	PO112111.D	8.65	3.67
AR1268ICC750	AR1268ICC750	07/08/2025	21:22	PO112112.D	8.65	3.67
AR1268ICC500	AR1268ICC500	07/08/2025	21:39	PO112113.D	8.65	3.67
AR1268ICC250	AR1268ICC250	07/08/2025	21:57	PO112114.D	8.65	3.67
AR1268ICC050	AR1268ICC050	07/08/2025	22:16	PO112115.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/10/2025	09:55	PO112181.D	8.65	3.67
IBLK	IBLK	07/10/2025	11:08	PO112185.D	8.65	3.67
TP-41	Q2543-01	07/10/2025	14:40	PO112190.D	8.65	3.66
TP-49	Q2543-02	07/10/2025	14:58	PO112191.D	8.65	3.67
TP-23	Q2543-03	07/10/2025	15:15	PO112192.D	8.65	3.67
TP-23-99	Q2543-04	07/10/2025	15:32	PO112193.D	8.65	3.67
AR1660CCC500	AR1660CCC500	07/10/2025	17:18	PO112196.D	8.65	3.66
IBLK	IBLK	07/10/2025	19:05	PO112200.D	8.65	3.67
IBLK	IBLK	07/07/2025	20:30	PP073553.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	07/07/2025	21:03	PP073554.D	8.78	3.78
AR1660ICC750	AR1660ICC750	07/07/2025	21:19	PP073555.D	8.78	3.78
AR1660ICC500	AR1660ICC500	07/07/2025	21:35	PP073556.D	8.78	3.78
AR1660ICC250	AR1660ICC250	07/07/2025	21:52	PP073557.D	8.78	3.78

Analytical Sequence

AR1660ICC050	AR1660ICC050	07/07/2025	22:08	PP073558.D	8.78	3.78
AR1221ICC500	AR1221ICC500	07/07/2025	22:24	PP073559.D	8.78	3.78
AR1232ICC500	AR1232ICC500	07/07/2025	22:41	PP073560.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	07/07/2025	22:57	PP073561.D	8.78	3.78
AR1242ICC750	AR1242ICC750	07/07/2025	23:14	PP073562.D	8.78	3.78
AR1242ICC500	AR1242ICC500	07/07/2025	23:30	PP073563.D	8.78	3.78
AR1242ICC250	AR1242ICC250	07/07/2025	23:46	PP073564.D	8.78	3.78
AR1242ICC050	AR1242ICC050	07/08/2025	00:03	PP073565.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	07/08/2025	00:19	PP073566.D	8.78	3.78
AR1248ICC750	AR1248ICC750	07/08/2025	00:35	PP073567.D	8.78	3.78
AR1248ICC500	AR1248ICC500	07/08/2025	00:52	PP073568.D	8.78	3.78
AR1248ICC250	AR1248ICC250	07/08/2025	01:08	PP073569.D	8.78	3.78
AR1248ICC050	AR1248ICC050	07/08/2025	01:25	PP073570.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	07/08/2025	01:41	PP073571.D	8.78	3.78
AR1254ICC750	AR1254ICC750	07/08/2025	01:57	PP073572.D	8.78	3.78
AR1254ICC500	AR1254ICC500	07/08/2025	02:14	PP073573.D	8.78	3.78
AR1254ICC250	AR1254ICC250	07/08/2025	02:30	PP073574.D	8.78	3.78
AR1254ICC050	AR1254ICC050	07/08/2025	02:46	PP073575.D	8.78	3.78
AR1262ICC500	AR1262ICC500	07/08/2025	03:03	PP073576.D	8.78	3.78
AR1268ICC1000	AR1268ICC1000	07/08/2025	03:19	PP073577.D	8.78	3.78
AR1268ICC750	AR1268ICC750	07/08/2025	03:35	PP073578.D	8.78	3.78
AR1268ICC500	AR1268ICC500	07/08/2025	03:52	PP073579.D	8.78	3.78
AR1268ICC250	AR1268ICC250	07/08/2025	04:08	PP073580.D	8.78	3.78
AR1268ICC050	AR1268ICC050	07/08/2025	04:24	PP073581.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/10/2025	09:22	PP073691.D	8.78	3.78
IBLK	IBLK	07/10/2025	10:29	PP073695.D	8.78	3.78
PB168783BL	PB168783BL	07/10/2025	13:39	PP073700.D	8.78	3.78
PB168783BS	PB168783BS	07/10/2025	13:55	PP073701.D	8.78	3.78
TR-04-07092025MS	Q2537-01MS	07/10/2025	14:28	PP073703.D	8.78	3.78
TR-04-07092025MSD	Q2537-01MSD	07/10/2025	14:45	PP073704.D	8.78	3.78
AR1660CCC500	AR1660CCC500	07/10/2025	15:50	PP073705.D	8.78	3.78
IBLK	IBLK	07/10/2025	16:56	PP073709.D	8.78	3.78



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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB168783BS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Lab Sample ID: PB168783BS

Date(s) Analyzed: 07/10/2025 07/10/2025

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 PP073701.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.634	5.584	5.684	146	152	3.24
COLUMN 1	2	5.655	5.605	5.705	152		
	3	5.717	5.667	5.767	150		
	4	5.814	5.764	5.864	154		
	5	6.105	6.055	6.155	156		
	1	4.854	4.804	4.904	156		
COLUMN 2	2	4.871	4.821	4.921	158	157	
	3	5.048	4.998	5.098	160		
	4	5.09	5.04	5.14	156		
	5	5.303	5.253	5.353	157		
Aroclor-1260	1	7.224	7.174	7.274	171	142	10.03
COLUMN 1	2	7.477	7.427	7.527	138		
	3	7.835	7.785	7.885	128		
	4	8.058	8.008	8.108	139		
	5	8.376	8.326	8.426	134		
	1	6.333	6.283	6.383	163		
COLUMN 2	2	6.522	6.472	6.572	161	157	
	3	6.673	6.623	6.723	162		
	4	7.142	7.092	7.192	149		
	5	7.385	7.335	7.435	148		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-7.9-2025MS

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Lab Sample ID: Q2537-01MS

Date(s) Analyzed: 07/10/2025 07/10/2025

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 PP073703.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.636	5.586	5.686	120	130	2.33
COLUMN 1	2	5.658	5.608	5.708	123		
	3	5.72	5.67	5.77	125		
	4	5.817	5.767	5.867	144		
	5	6.108	6.058	6.158	140		
	1	4.855	4.805	4.905	127		
COLUMN 2	2	4.872	4.822	4.922	123	127	
	3	5.049	4.999	5.099	127		
	4	5.091	5.041	5.141	129		
	5	5.304	5.254	5.354	131		
Aroclor-1254	1	6.484	6.434	6.534	79.2	67.8	8.29
COLUMN 1	2	6.699	6.649	6.749	48.6		
	3	7.063	7.013	7.113	25.9		
	4	7.345	7.295	7.395	20.6		
	5	7.758	7.708	7.808	164		
	1	5.655	5.605	5.705	52.5		
COLUMN 2	2	5.803	5.753	5.853	58.7	62.4	
	3	6.219	6.169	6.269	62.7		
	4	6.433	6.383	6.483	13.0		
	5	6.849	6.799	6.899	125		



Aroclor-1260	1	7.226	7.176	7.276	135		
	2	7.48	7.43	7.53	118		
	3	7.837	7.787	7.887	105		
	4	8.061	8.011	8.111	118		
	5	8.378	8.328	8.428	111		
COLUMN 1						117	0.85
	1	6.335	6.285	6.385	128		
	2	6.523	6.473	6.573	122		
	3	6.675	6.625	6.725	123		
	4	7.144	7.094	7.194	112		
5	7.387	7.337	7.437	108			
COLUMN 2						118	

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

TR-04-7.9-2025MSD

Lab Name: Alliance

Contract: CAMP02

Lab Code: ACE

SDG NO.: Q2543

Lab Sample ID: Q2537-01MSD

Date(s) Analyzed: 07/10/2025 07/10/2025

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 PP073704.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.637	5.587	5.687	128	137	4.48
COLUMN 1	2	5.658	5.608	5.708	130		
	3	5.721	5.671	5.771	133		
	4	5.817	5.767	5.867	152		
	5	6.108	6.058	6.158	142		
COLUMN 2	1	4.855	4.805	4.905	130	131	
	2	4.873	4.823	4.923	128		
	3	5.049	4.999	5.099	131		
	4	5.091	5.041	5.141	131		
	5	5.304	5.254	5.354	135		
Aroclor-1254	1	6.483	6.433	6.533	81.7	71.6	10.28
COLUMN 1	2	6.699	6.649	6.749	48.8		
	3	7.063	7.013	7.113	26.5		
	4	7.346	7.296	7.396	21.2		
	5	7.759	7.709	7.809	180		
COLUMN 2	1	5.655	5.605	5.705	54.8	64.6	
	2	5.803	5.753	5.853	60.4		
	3	6.218	6.168	6.268	65.5		
	4	6.432	6.382	6.482	12.7		
	5	6.848	6.798	6.898	129		



Aroclor-1260	1	7.227	7.177	7.277	142		
	2	7.479	7.429	7.529	124		
	3	7.837	7.787	7.887	112		
	4	8.06	8.01	8.11	127		
	5	8.38	8.33	8.43	119		
COLUMN 1						125	
	1	6.334	6.284	6.384	135		
	2	6.523	6.473	6.573	130		
	3	6.674	6.624	6.724	128		
	4	7.144	7.094	7.194	116		
5	7.386	7.336	7.436	114			
COLUMN 2						124	0.8



QC SAMPLE DATA

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168783BL	SDG No.:	Q2543
Lab Sample ID:	PB168783BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073700.D	1	07/10/25 08:35	07/10/25 13:39	PB168783

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
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	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	19.5		32 - 144	98%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.9		32 - 175	104%	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\PP071125\
 Data File : PP073700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 13:39
 Operator : YP\AJ
 Sample : PB168783BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168783BL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 15:27:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.485	3.775	25597393	35934440	18.691	19.505
2) SA Decachlor...	10.173	8.776	20236651	27595617	18.548	20.856

Target Compounds

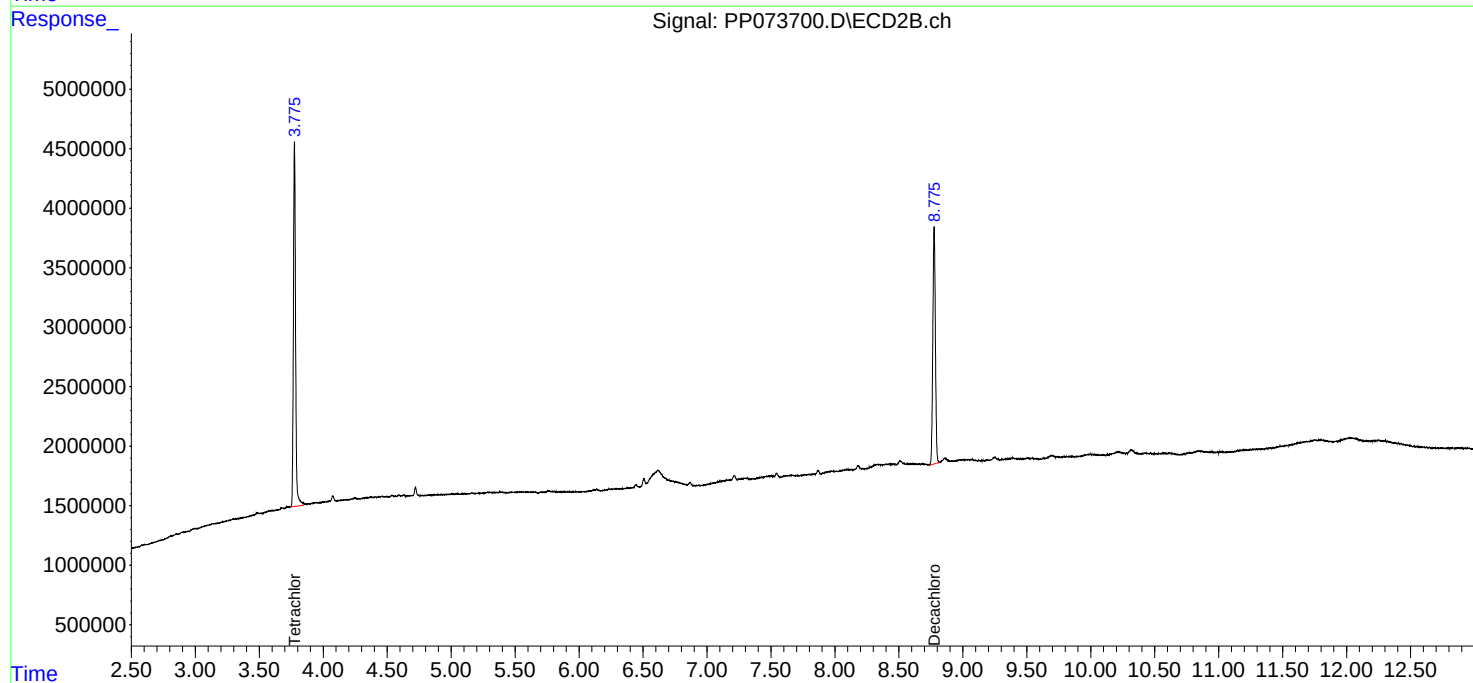
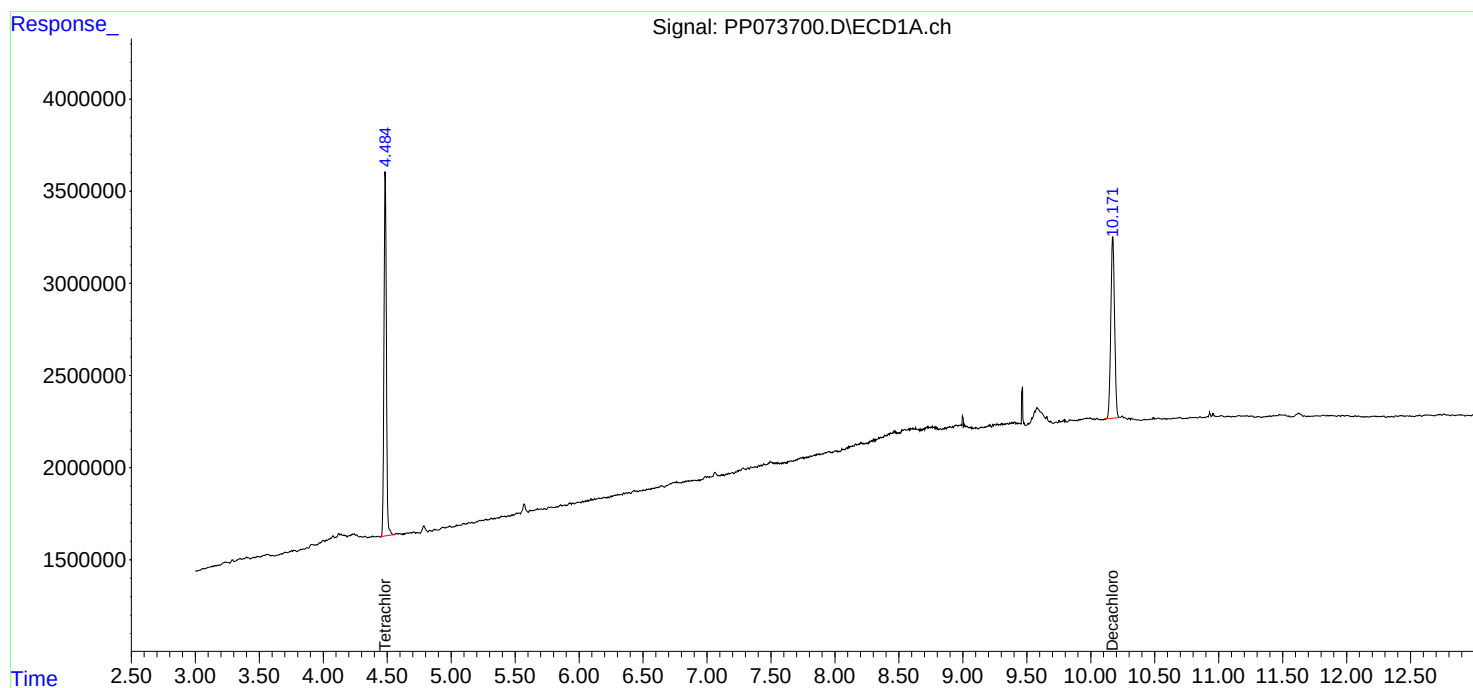
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

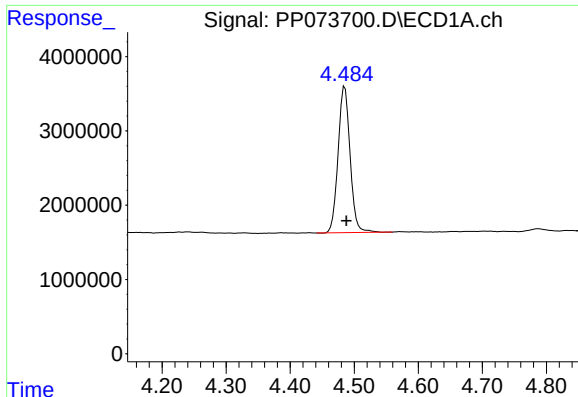
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 13:39
Operator : YP\AJ
Sample : PB168783BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB168783BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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

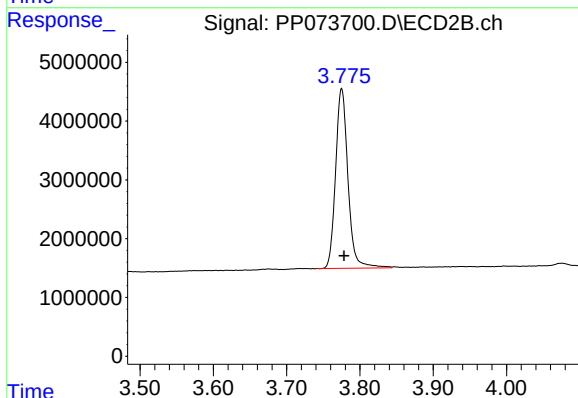




#1 Tetrachloro-m-xylene

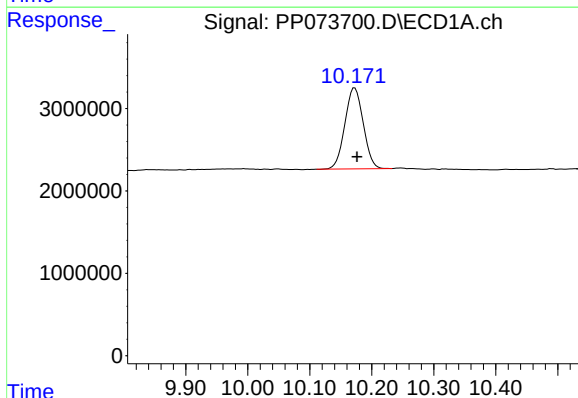
R.T.: 4.485 min
Delta R.T.: -0.003 min
Response: 25597393
Conc: 18.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB168783BL



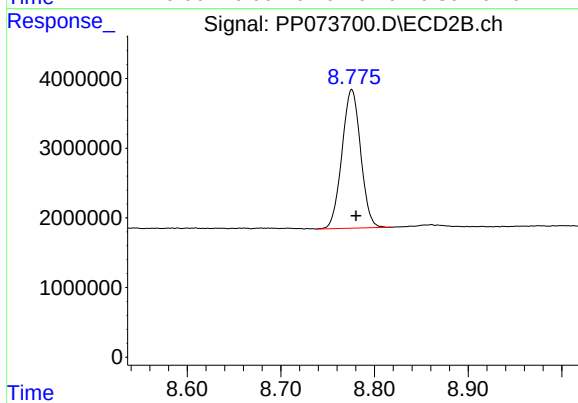
#1 Tetrachloro-m-xylene

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 35934440
Conc: 19.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.173 min
Delta R.T.: -0.004 min
Response: 20236651
Conc: 18.55 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.004 min
Response: 27595617
Conc: 20.86 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/08/25
Project:	South River WM Replacement	Date Received:	07/08/25
Client Sample ID:	PIBLK-PO112087.D	SDG No.:	Q2543
Lab Sample ID:	I.BLK-PO112087.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112087.D	1		07/08/25	po070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	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
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		60 - 140	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.8		60 - 140	94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0070825\
 Data File : PO112087.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jul 2025 13:49
 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: Jul 09 04:04:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 09 04:02:23 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...	3.672	3.667	192.2E6	127.1E6	19.421	19.956
2)	SA Decachlor...	8.701	8.649	128.3E6	33314140	18.760	19.330

Target Compounds

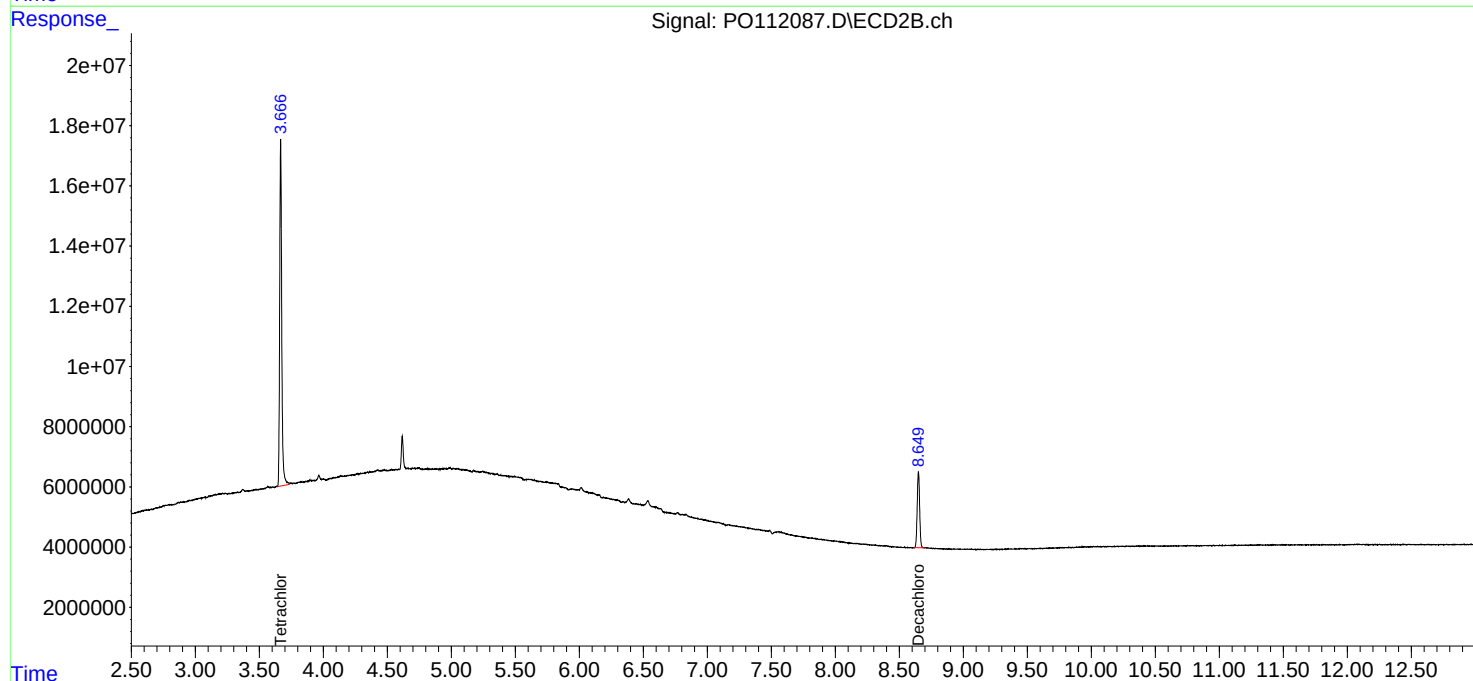
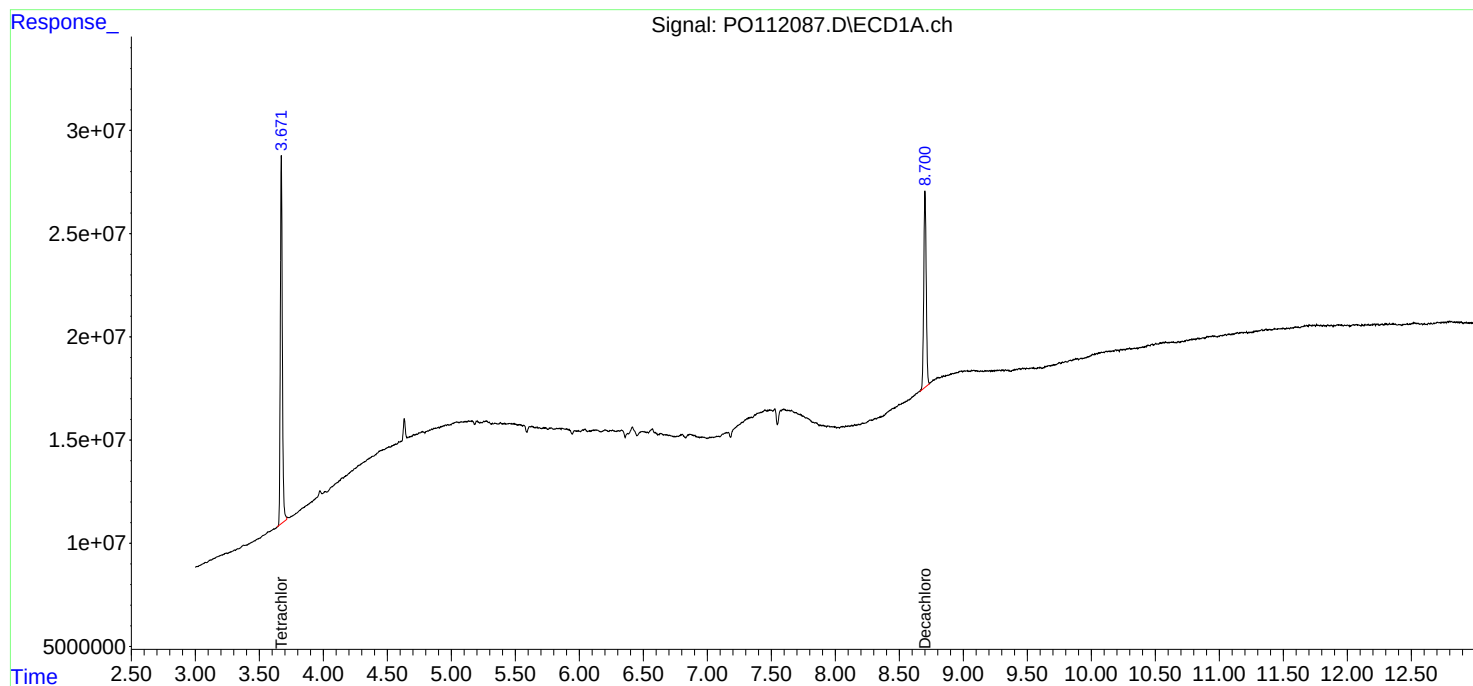
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

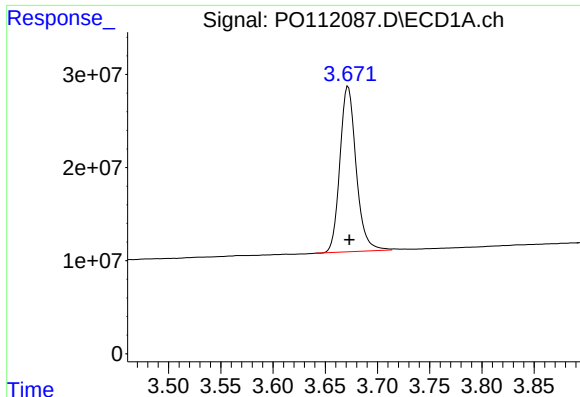
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO070825\
Data File : PO112087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Jul 2025 13:49
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 09 04:04:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 04:02:23 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

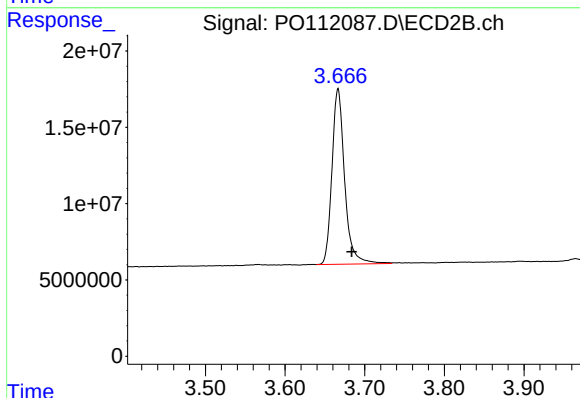




#1 Tetrachloro-m-xylene

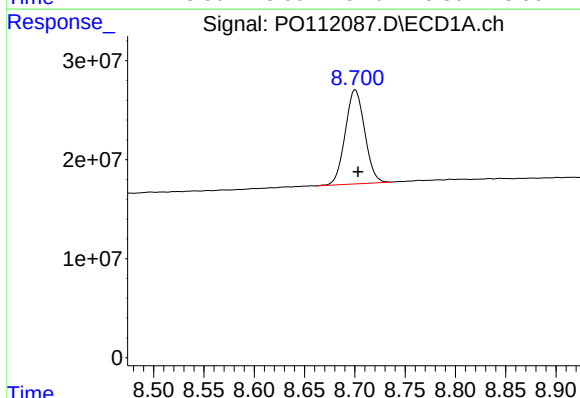
R.T.: 3.672 min
Delta R.T.: -0.001 min
Response: 192161483
Conc: 19.42 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



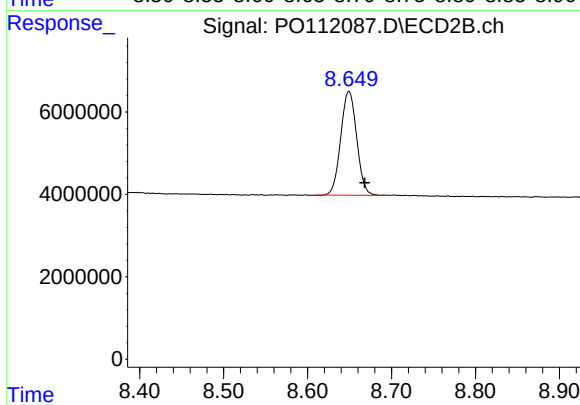
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: -0.017 min
Response: 127143413
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.003 min
Response: 128266236
Conc: 18.76 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 33314140
Conc: 19.33 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PO112185.D	SDG No.:	Q2543
Lab Sample ID:	I.BLK-PO112185.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112185.D	1		07/10/25	PO071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	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
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.0		60 - 140	85%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		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\P0071025\
Data File : PO112185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 11:08
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: Jul 10 11:26:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.672	3.665	174.7E6	108.3E6	17.655	16.998
2) SA Decachlor...	8.701	8.648	135.0E6	33270035	19.747	19.304

Target Compounds

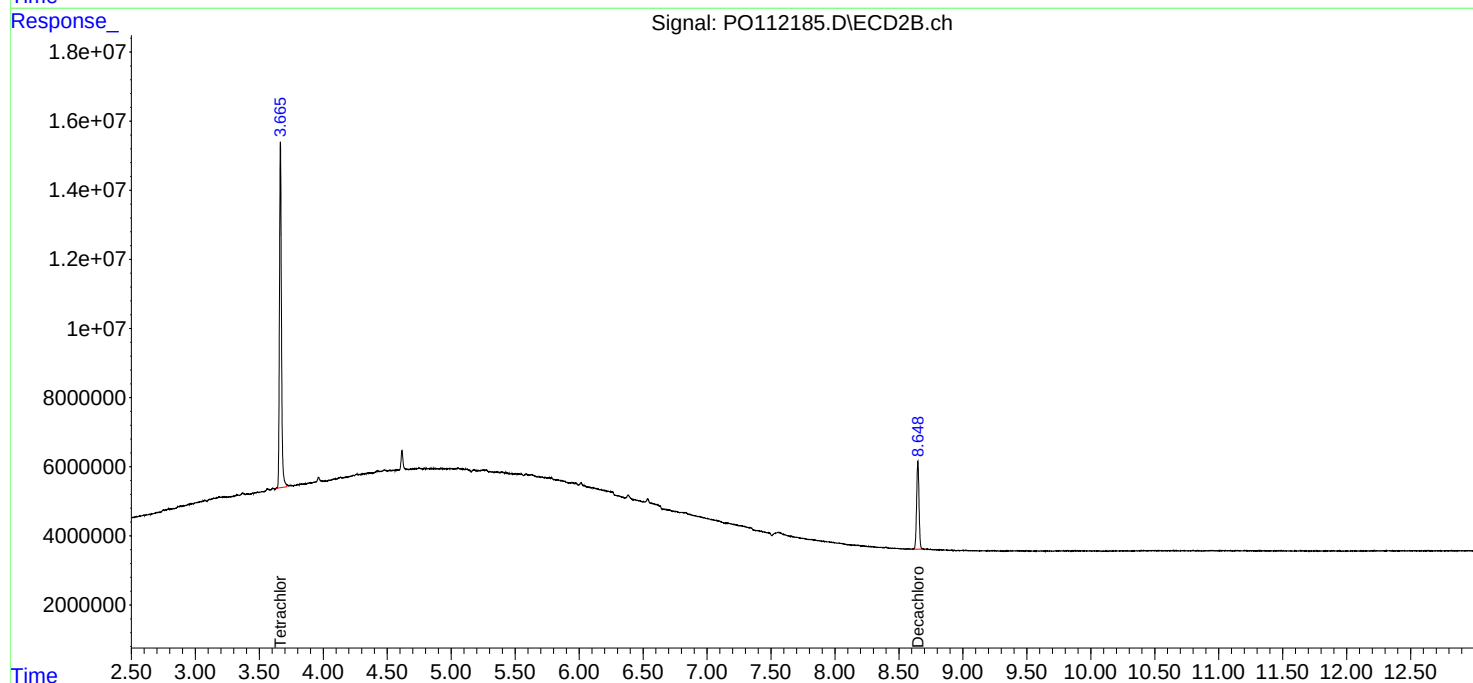
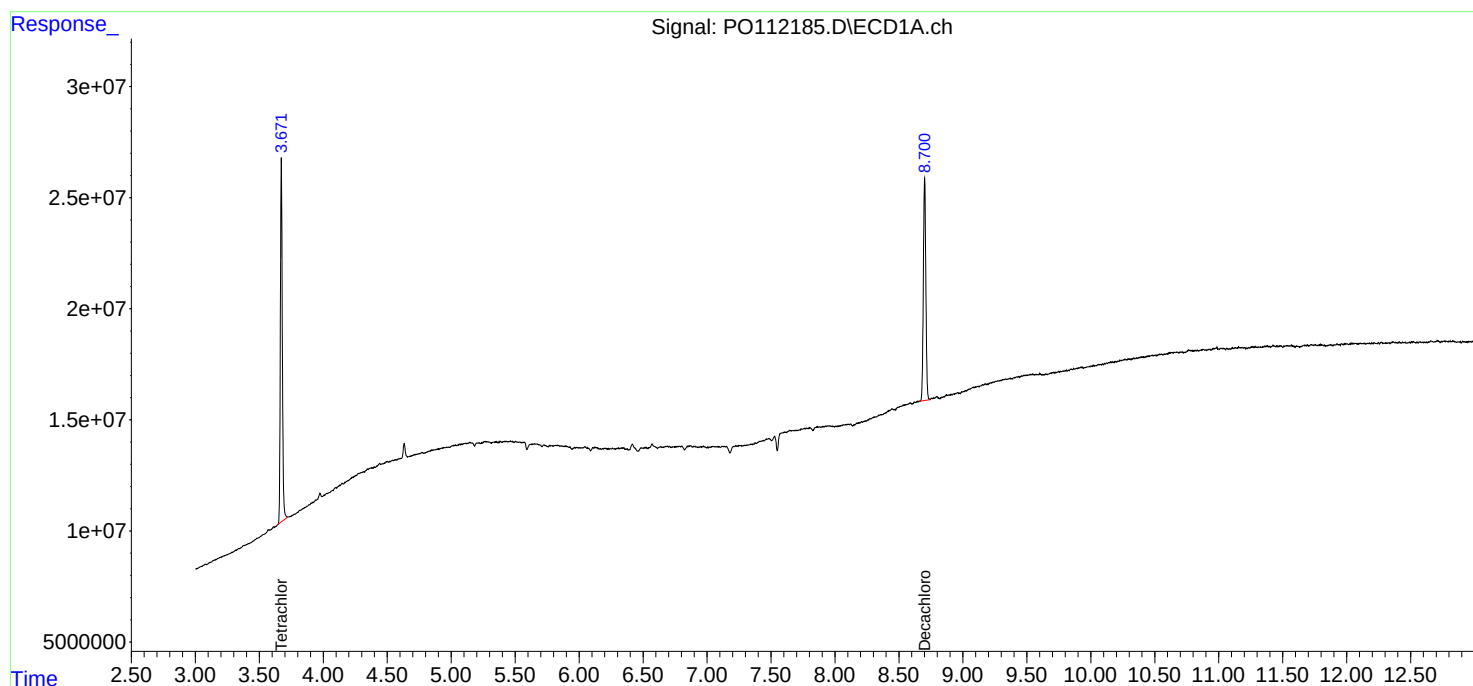
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

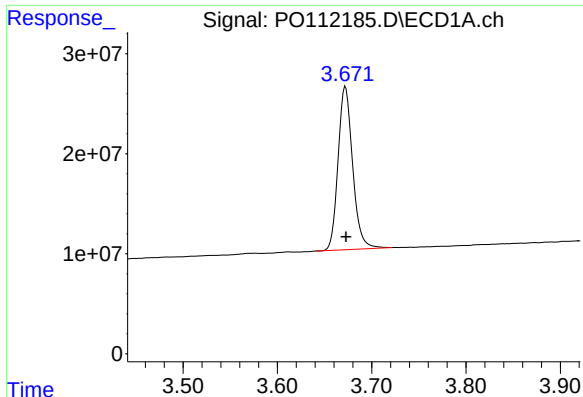
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO071025\
Data File : PO112185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 11:08
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 11:26:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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

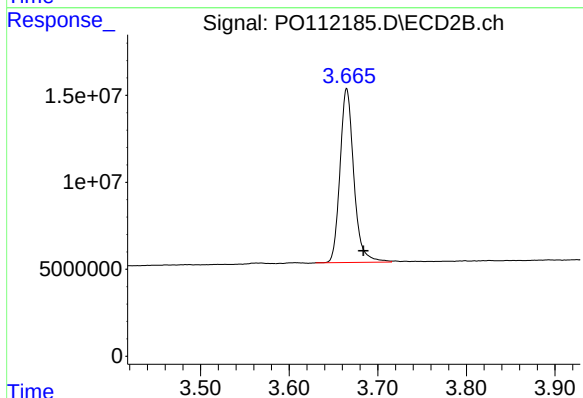




#1 Tetrachloro-m-xylene

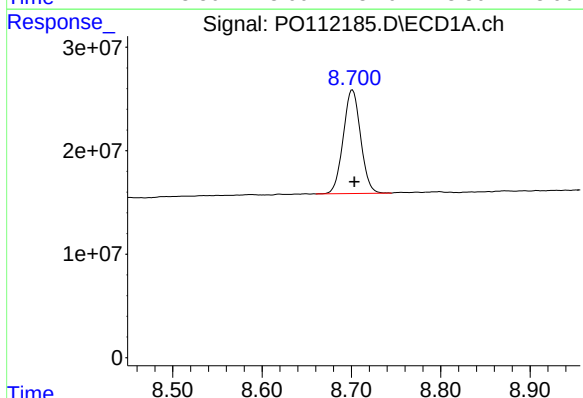
R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 174688868
Conc: 17.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



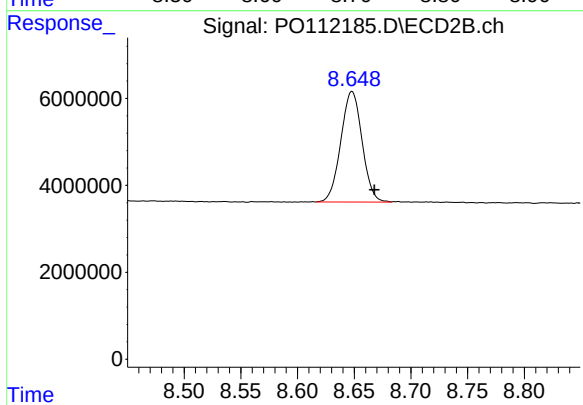
#1 Tetrachloro-m-xylene

R.T.: 3.665 min
Delta R.T.: -0.019 min
Response: 108292963
Conc: 17.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.701 min
Delta R.T.: -0.002 min
Response: 135009346
Conc: 19.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.020 min
Response: 33270035
Conc: 19.30 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PO112200.D	SDG No.:	Q2543
Lab Sample ID:	I.BLK-PO112200.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112200.D	1		07/10/25	po071025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	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
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140	87%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		60 - 140	78%	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\P0071025\
Data File : PO112200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:05
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: Jul 10 22:56:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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...	3.673	3.666	177.4E6	110.3E6	17.933	17.317
2) SA Decachlor...	8.702	8.649	106.9E6	31253279	15.640	18.134

Target Compounds

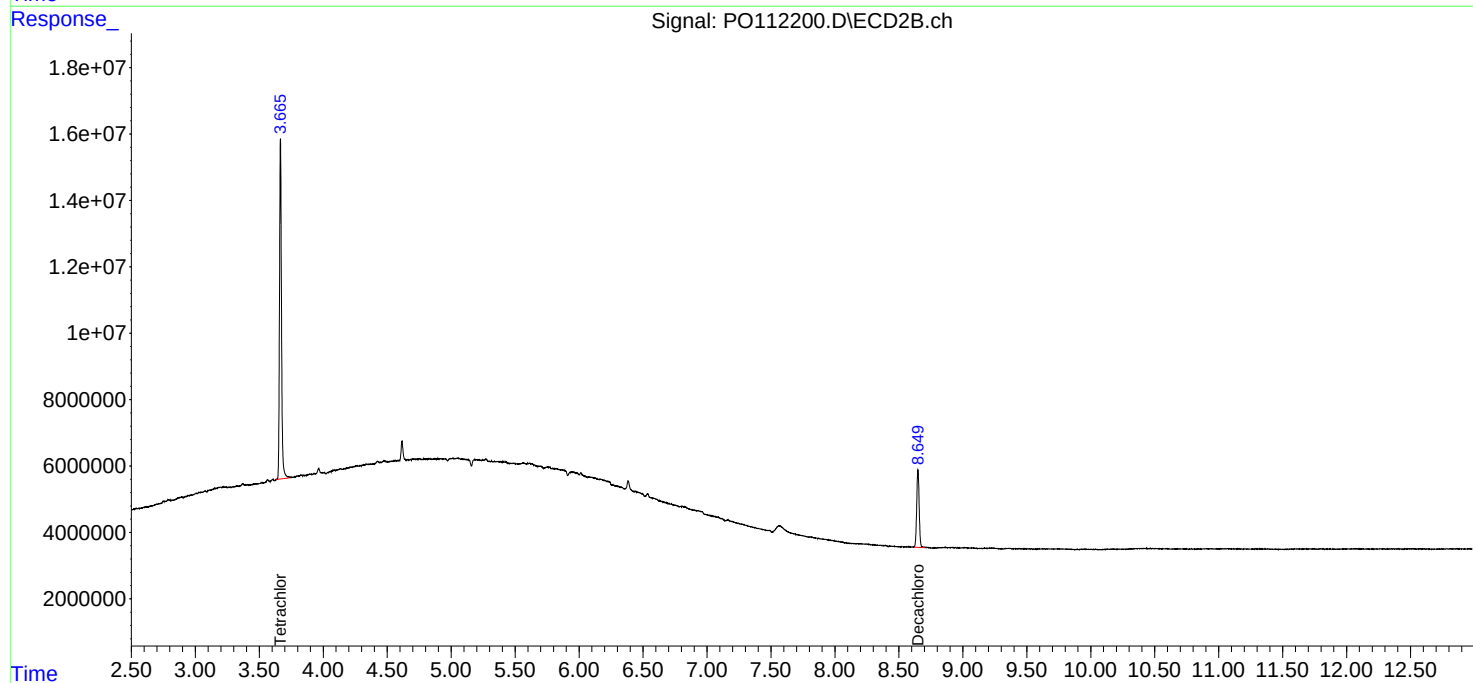
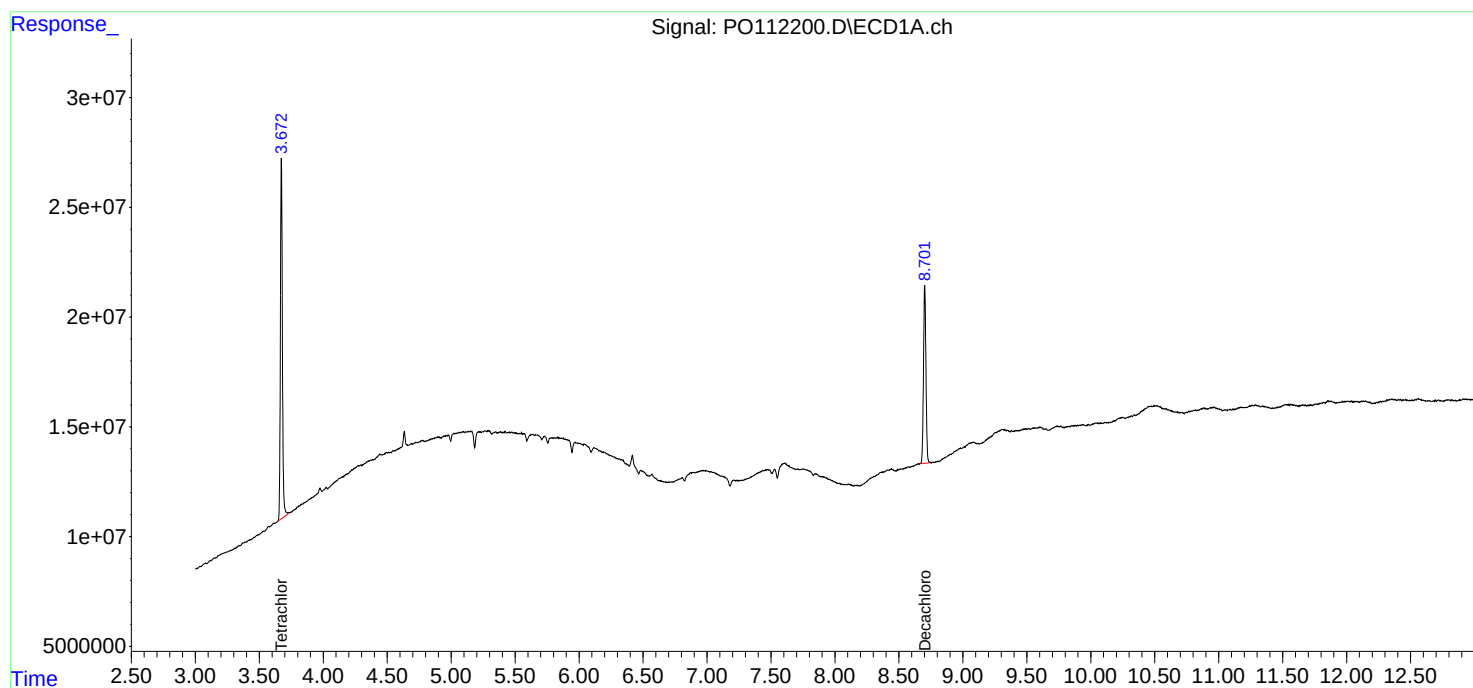
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

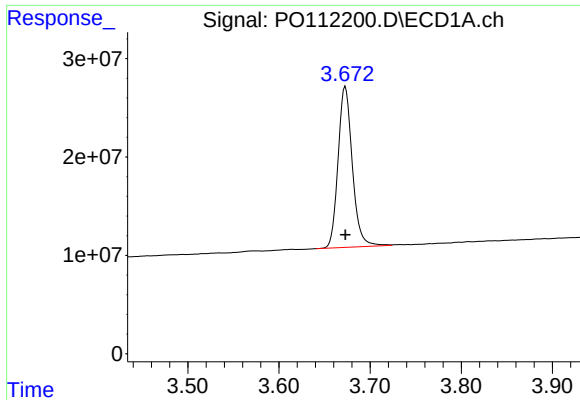
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO071025\
Data File : PO112200.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 19:05
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:56:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Jul 09 10:50:50 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

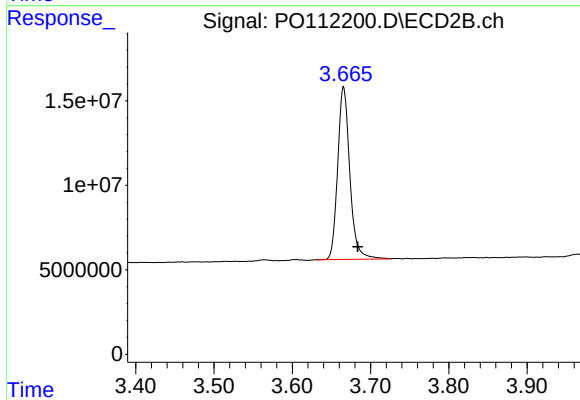




#1 Tetrachloro-m-xylene

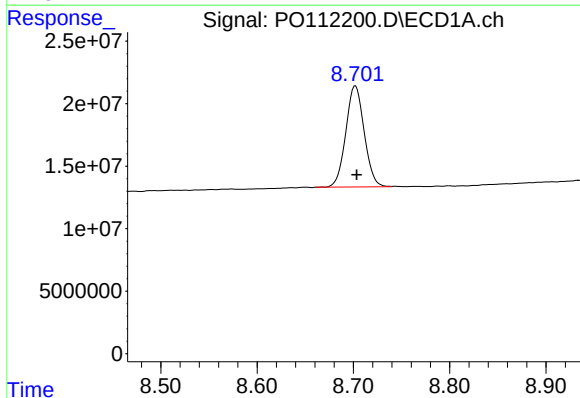
R.T.: 3.673 min
Delta R.T.: 0.000 min
Response: 177441785
Conc: 17.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



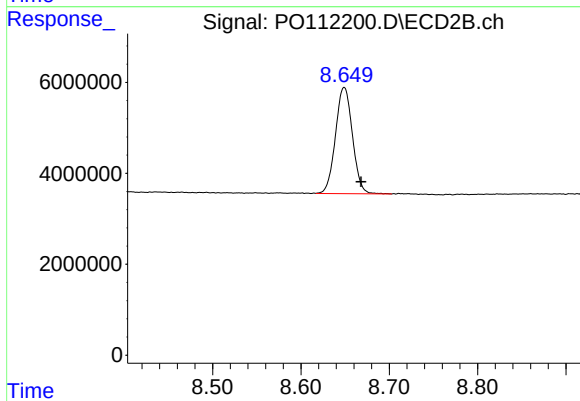
#1 Tetrachloro-m-xylene

R.T.: 3.666 min
Delta R.T.: -0.018 min
Response: 110328162
Conc: 17.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.702 min
Delta R.T.: -0.001 min
Response: 106931424
Conc: 15.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.649 min
Delta R.T.: -0.019 min
Response: 31253279
Conc: 18.13 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/07/25
Project:	South River WM Replacement	Date Received:	07/07/25
Client Sample ID:	PIBLK-PP073553.D	SDG No.:	Q2543
Lab Sample ID:	I.BLK-PP073553.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073553.D	1		07/07/25	pp070825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	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
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	16.2		60 - 140	81%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.1		60 - 140	85%	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\PP070825\
Data File : PP073553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:30
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: Jul 08 08:36:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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...	4.489	3.780	22153163	29828480	16.176	16.191
2) SA Decachlor...	10.178	8.781	18922819	22582394	17.344	17.067

Target Compounds

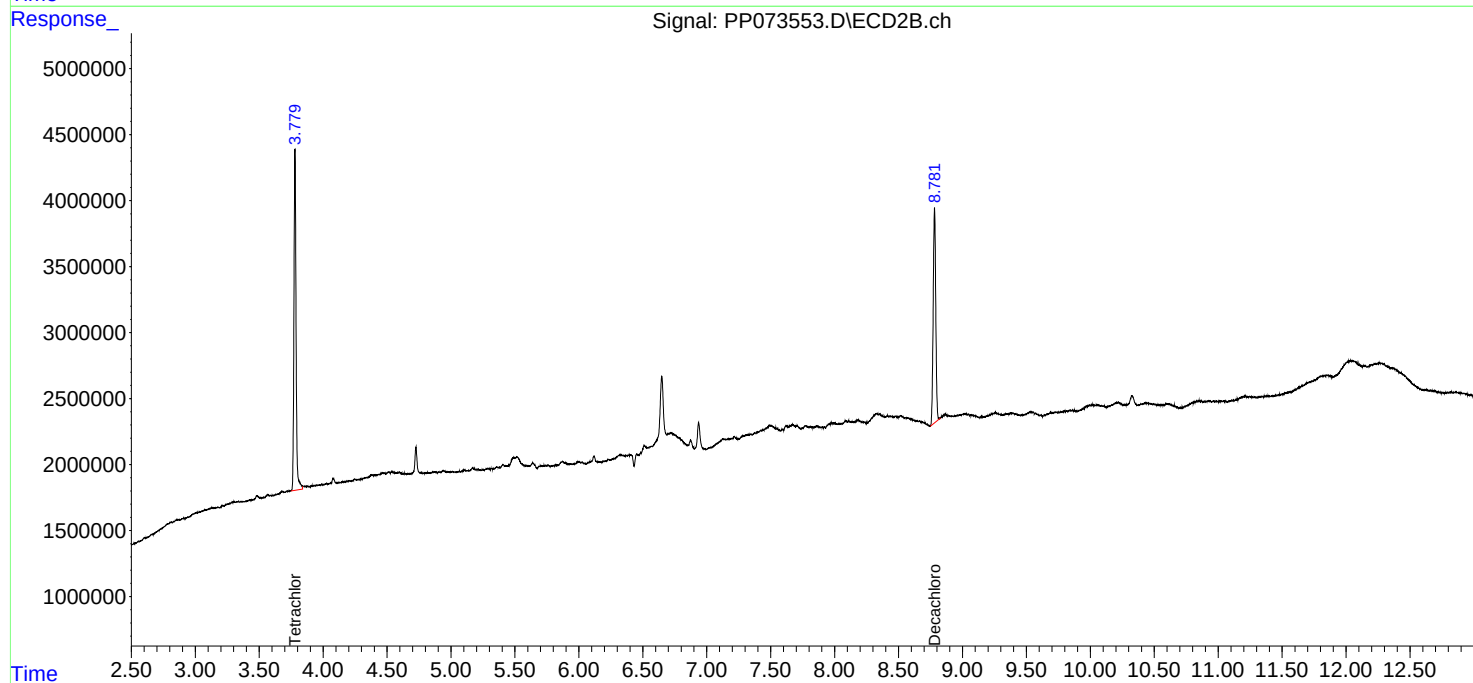
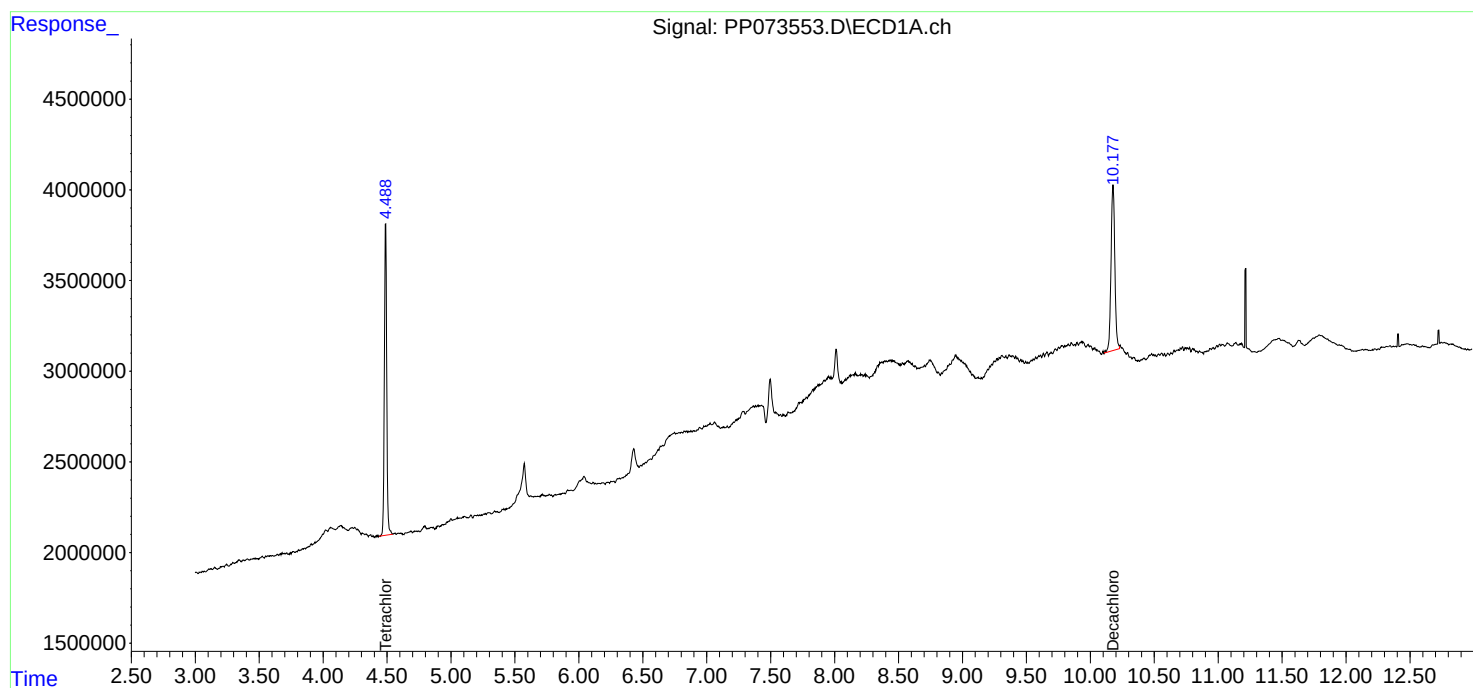
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP070825\
Data File : PP073553.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Jul 2025 20:30
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

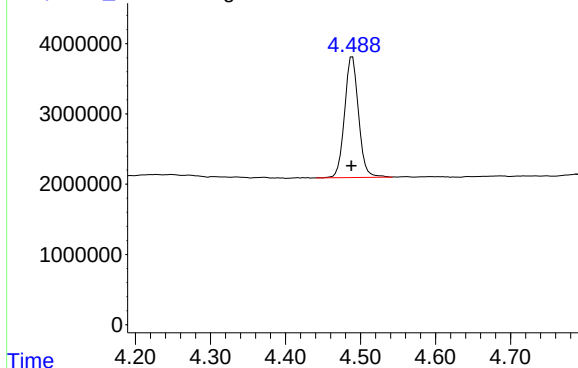
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 08 08:36:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:22:37 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



Response_ Signal: PP073553.D\ECD1A.ch

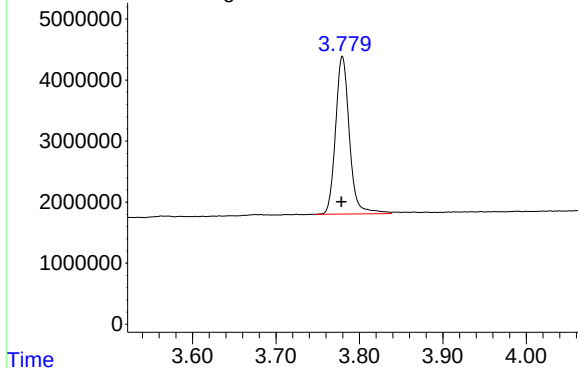


#1 Tetrachloro-m-xylene

R.T.: 4.489 min
Delta R.T.: 0.001 min
Response: 22153163
Conc: 16.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

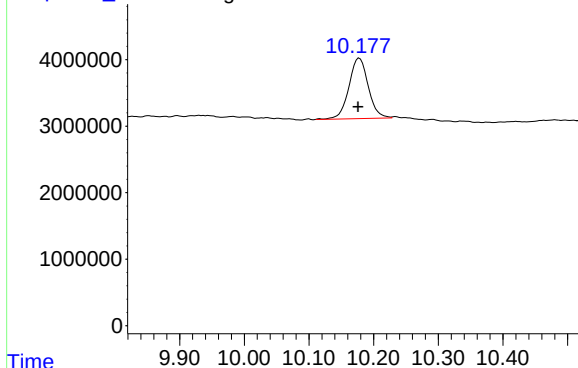
Response_ Signal: PP073553.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 29828480
Conc: 16.19 ng/ml

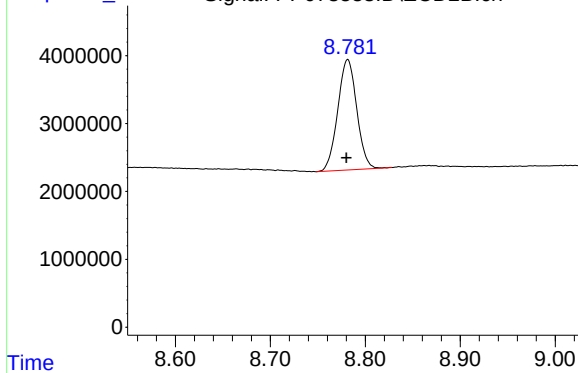
Response_ Signal: PP073553.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: 0.002 min
Response: 18922819
Conc: 17.34 ng/ml

Response_ Signal: PP073553.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.781 min
Delta R.T.: 0.001 min
Response: 22582394
Conc: 17.07 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PP073695.D	SDG No.:	Q2543
Lab Sample ID:	I.BLK-PP073695.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073695.D	1		07/10/25	PP071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	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
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.3		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 140	92%	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\PP071125\
Data File : PP073695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 10:29
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: Jul 10 11:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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...	4.487	3.778	25037379	34828731	18.282	18.905
2)	SA Decachlor...	10.174	8.779	20027813	27698748	18.356	20.934

Target Compounds

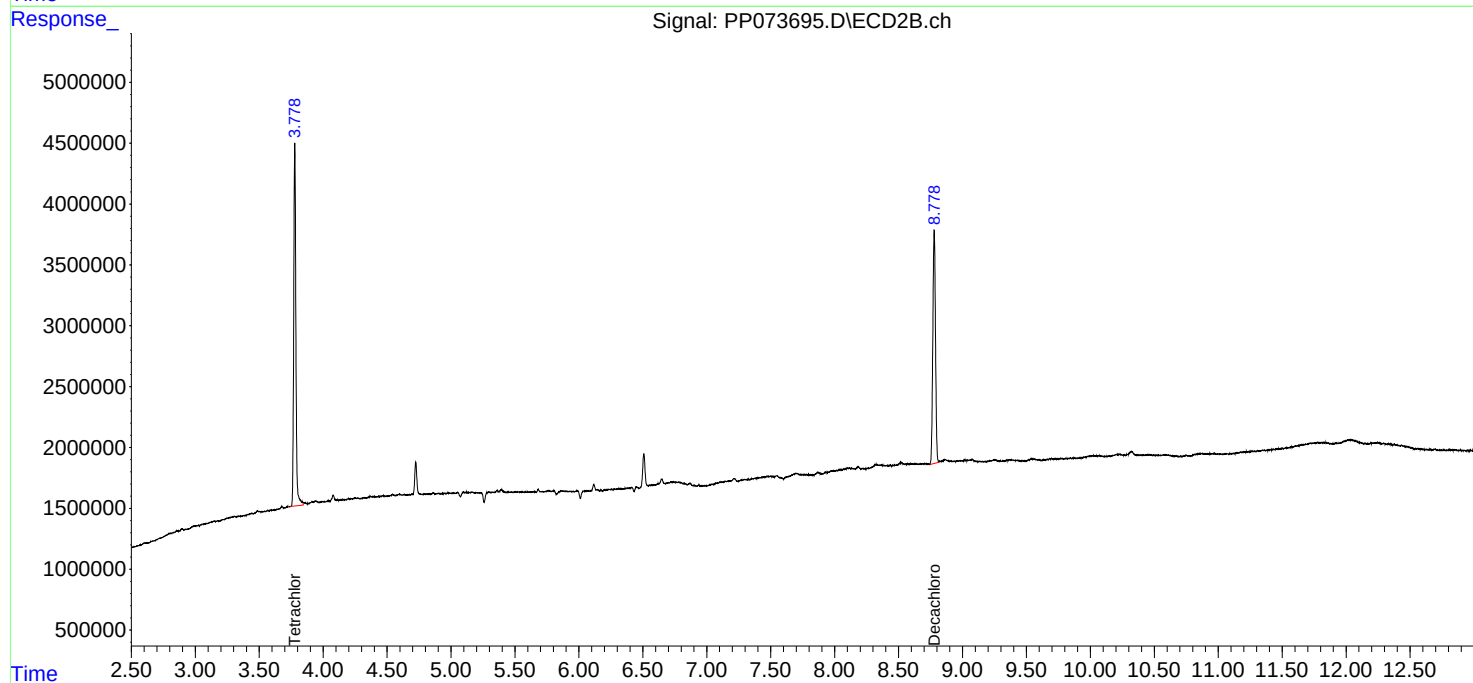
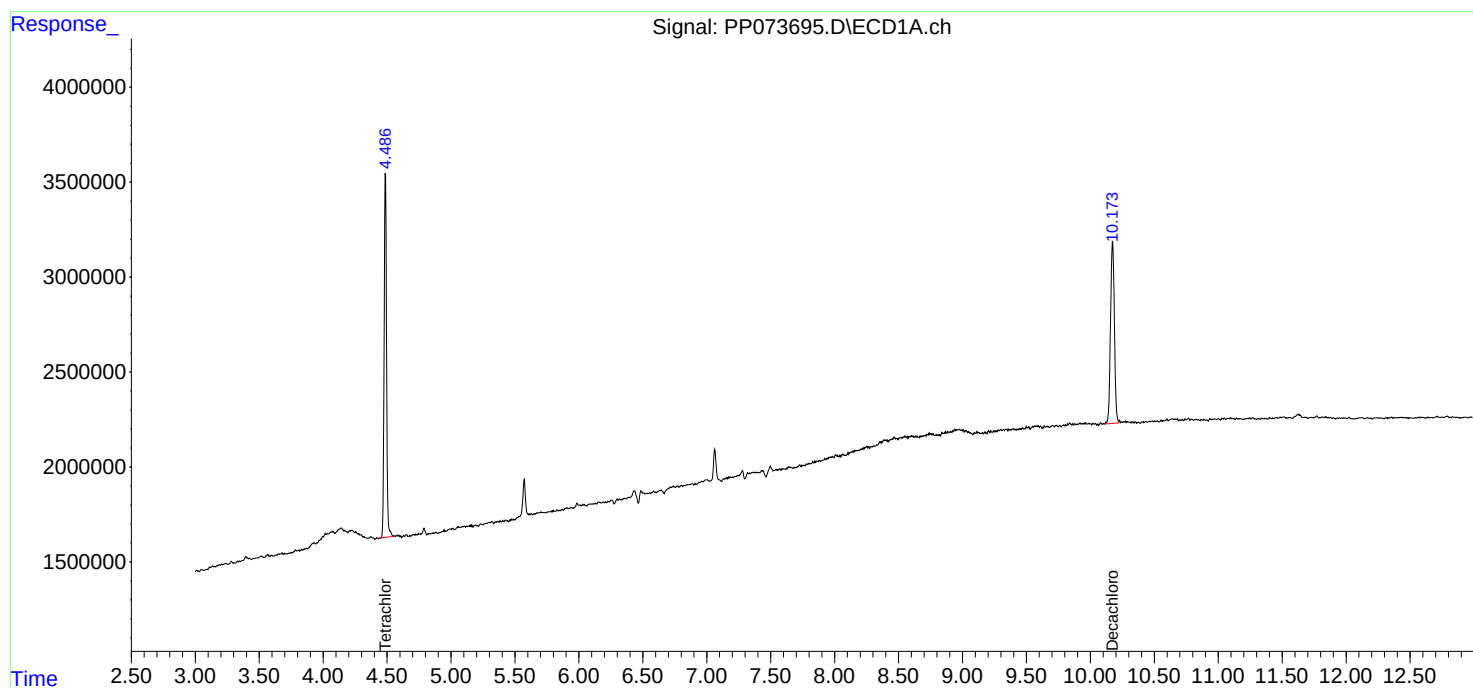
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

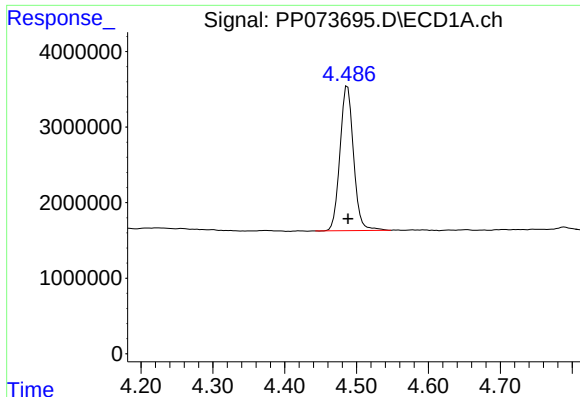
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073695.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 10:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 11:38:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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

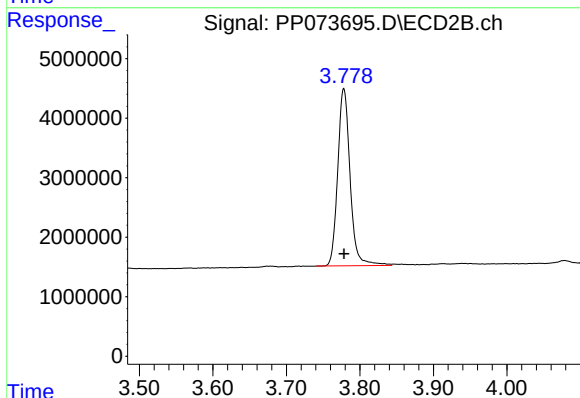




#1 Tetrachloro-m-xylene

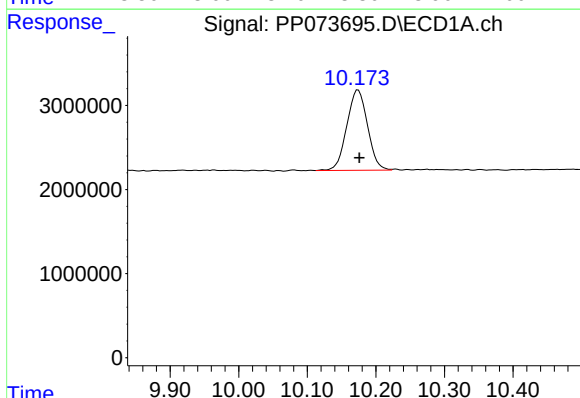
R.T.: 4.487 min
Delta R.T.: 0.000 min
Response: 25037379
Conc: 18.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



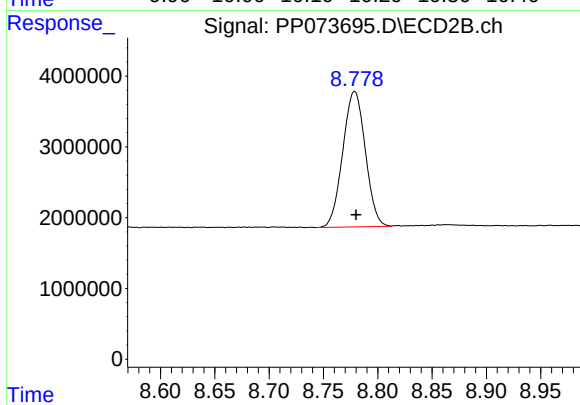
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 34828731
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.002 min
Response: 20027813
Conc: 18.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: -0.001 min
Response: 27698748
Conc: 20.93 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	07/10/25
Project:	South River WM Replacement	Date Received:	07/10/25
Client Sample ID:	PIBLK-PP073709.D	SDG No.:	Q2543
Lab Sample ID:	I.BLK-PP073709.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073709.D	1		07/10/25	pp071125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	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
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.5		60 - 140	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		60 - 140	88%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
 Data File : PP073709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 16:56
 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: Jul 10 22:56:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.488	3.780	25339603	34081842	18.502	18.500
2) SA Decachlor...	10.174	8.779	19251565	27037763	17.645	20.434

Target Compounds

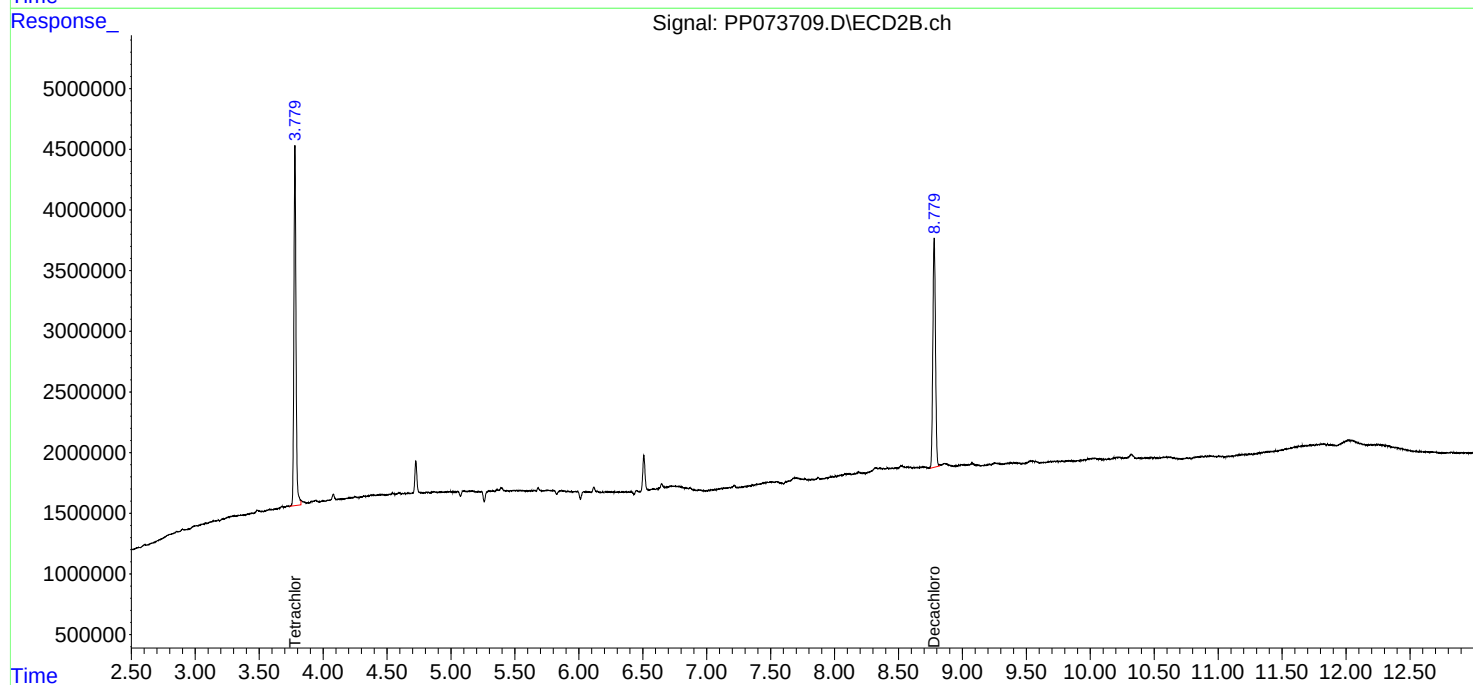
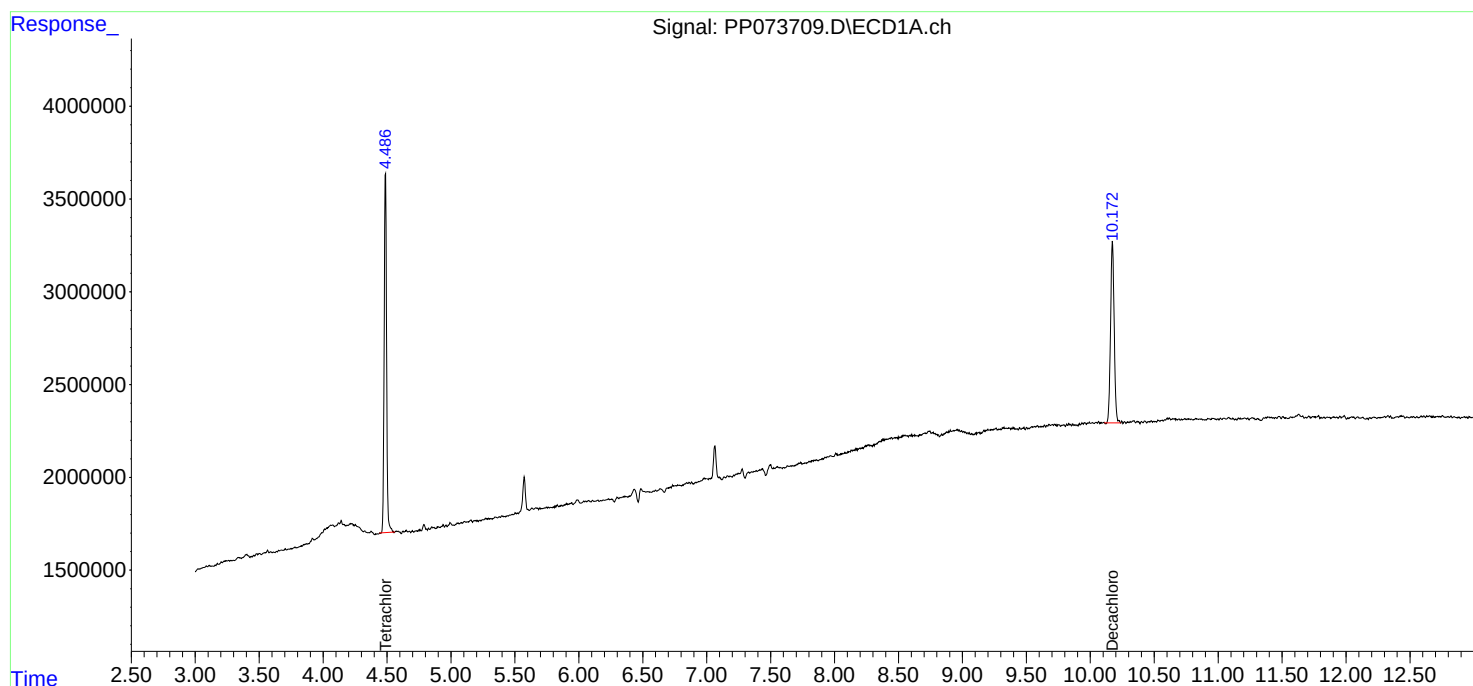
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

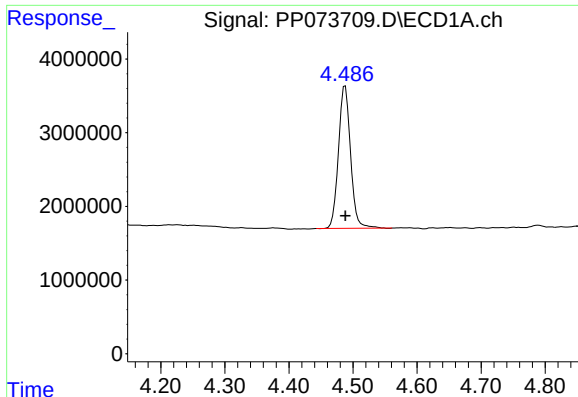
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 16:56
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 22:56:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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

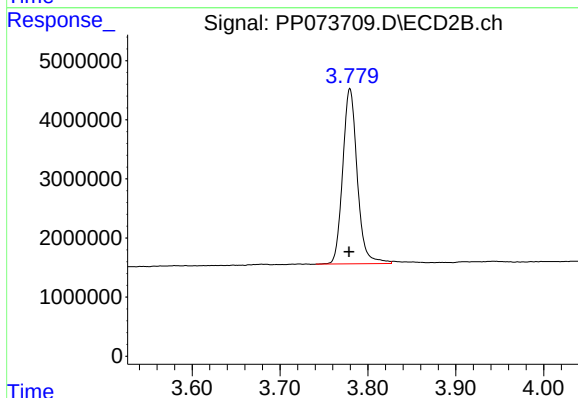




#1 Tetrachloro-m-xylene

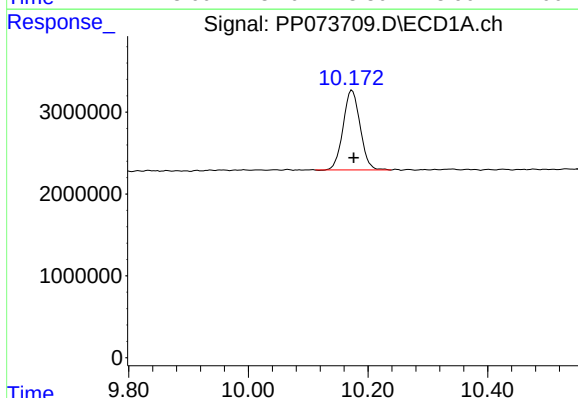
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 25339603
Conc: 18.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



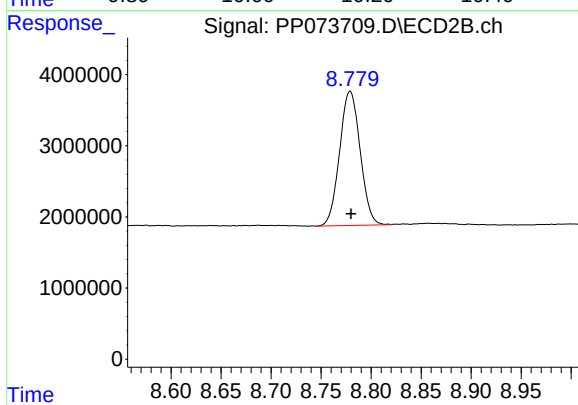
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.001 min
Response: 34081842
Conc: 18.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.174 min
Delta R.T.: -0.003 min
Response: 19251565
Conc: 17.64 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: -0.001 min
Response: 27037763
Conc: 20.43 ng/ml

Report of Analysis

Client:	CDM Smith	Date Collected:	
Project:	South River WM Replacement	Date Received:	
Client Sample ID:	PB168783BS	SDG No.:	Q2543
Lab Sample ID:	PB168783BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
PH :			
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073701.D	1	07/10/25 08:35	07/10/25 13:55	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	157		3.90	17.0	ug/kg
11104-28-2	Aroclor-1221	4.00	U	4.00	17.0	ug/kg
11141-16-5	Aroclor-1232	3.70	U	3.70	17.0	ug/kg
53469-21-9	Aroclor-1242	4.00	U	4.00	17.0	ug/kg
12672-29-6	Aroclor-1248	5.90	U	5.90	17.0	ug/kg
11097-69-1	Aroclor-1254	3.20	U	3.20	17.0	ug/kg
37324-23-5	Aroclor-1262	5.00	U	5.00	17.0	ug/kg
11100-14-4	Aroclor-1268	3.60	U	3.60	17.0	ug/kg
11096-82-5	Aroclor-1260	157		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.5		32 - 144	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		32 - 175	112%	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\PP071125\
 Data File : PP073701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 13:55
 Operator : YP\AJ
 Sample : PB168783BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB168783BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 15:29:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.483	3.776	26661333	34222704	19.468	18.576
2) SA Decachlor...	10.170	8.776	20870812	29625780	19.129	22.390
Target Compounds						
3) L1 AR-1016-1	5.634	4.854	20781508	31997329	437.380	469.343
4) L1 AR-1016-2	5.655	4.871	32442702	48238784	455.561	473.466
5) L1 AR-1016-3	5.717	5.048	19692818	25960768	451.018	479.810
6) L1 AR-1016-4	5.814	5.090	16661150	20601864	463.510	469.496
7) L1 AR-1016-5	6.105	5.303	14626688	25664639	466.853m	470.199
31) L7 AR-1260-1	7.224	6.333	30297783	47630843	513.859	488.220
32) L7 AR-1260-2	7.477	6.522	39745857	59512931	414.711	484.485
33) L7 AR-1260-3	7.835	6.673	28000786	53270619	383.202	486.651 #
34) L7 AR-1260-4	8.058	7.142	27170970	39975875	416.095	447.115
35) L7 AR-1260-5	8.376	7.385	60887755	99517548	403.624	442.819

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 13:55
Operator : YP\AJ
Sample : PB168783BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

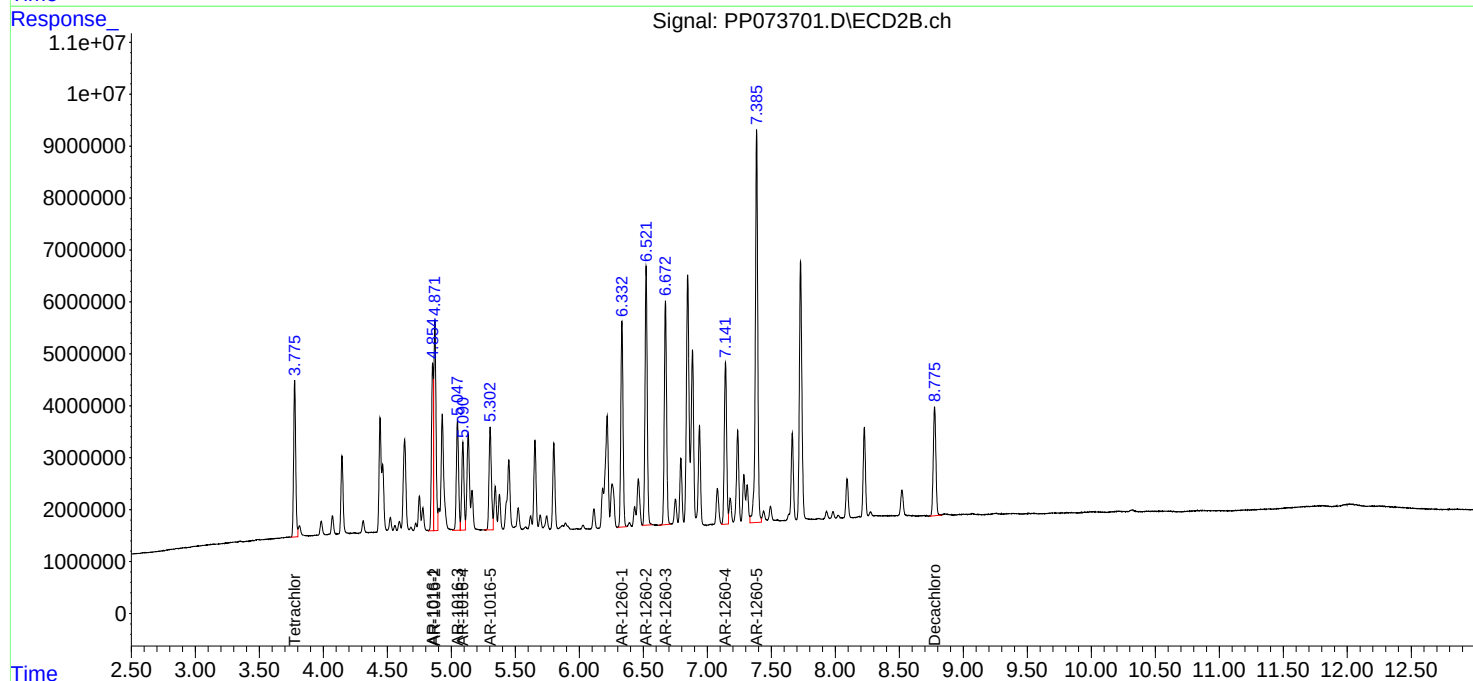
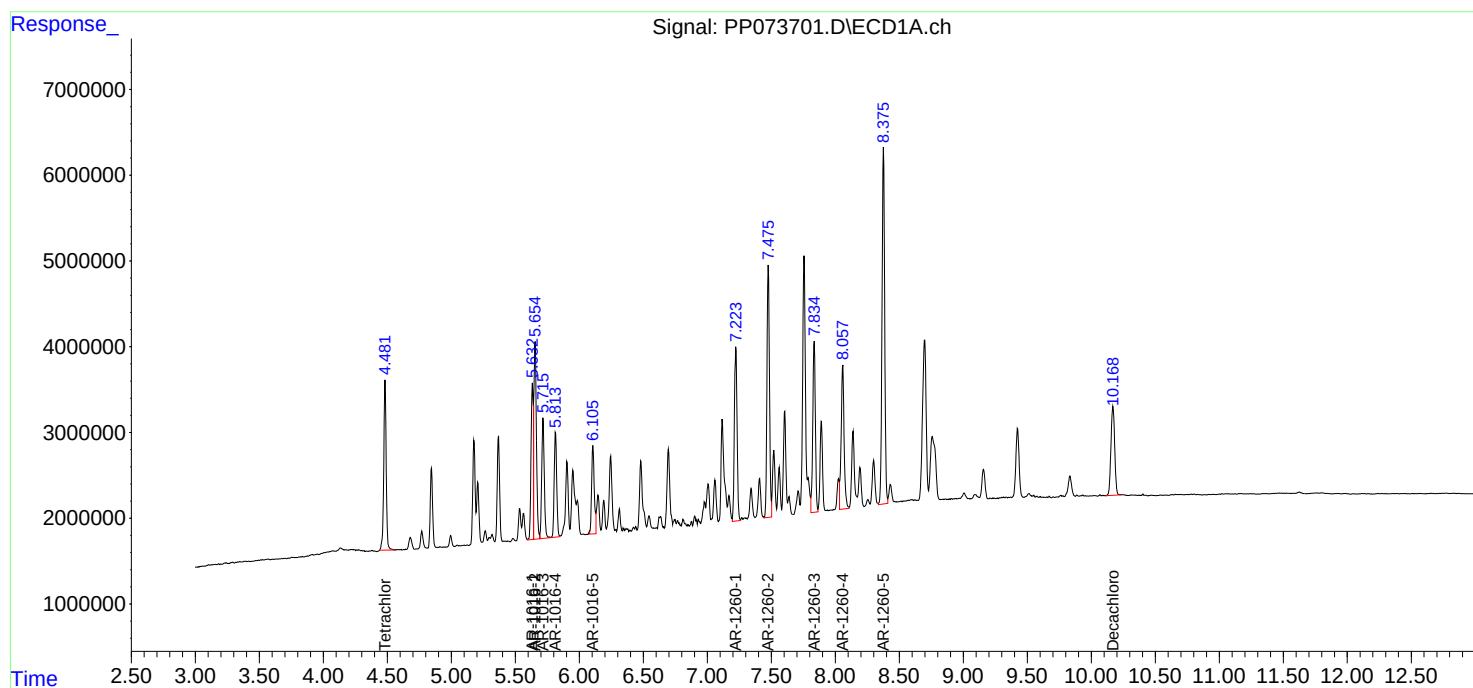
Instrument :
ECD_P
ClientSampleId :
PB168783BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:29:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TR-04-07092025MS	SDG No.:	Q2543
Lab Sample ID:	Q2537-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.5
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073703.D	1	07/10/25 08:35	07/10/25 14:28	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	130		4.40	18.8	ug/kg
11104-28-2	Aroclor-1221	4.50	U	4.50	18.8	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.8	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.8	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.8	ug/kg
11097-69-1	Aroclor-1254	67.8		3.50	18.8	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.8	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.8	ug/kg
11096-82-5	Aroclor-1260	118		3.60	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		32 - 144	76%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		32 - 175	81%	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\PP071125\
 Data File : PP073703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 14:28
 Operator : YP\AJ
 Sample : Q2537-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TR-04-7.9-2025MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 15:30:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.484	3.777	20890070	26575305	15.254m	14.425
2) SA Decachlor...	10.172	8.778	16970923	21509519	15.555	16.256
Target Compounds						
3) L1 AR-1016-1	5.636	4.855	15429882	23560773	324.747	345.594
4) L1 AR-1016-2	5.658	4.872	23760684	33948704	333.648	333.208
5) L1 AR-1016-3	5.720	5.049	14772928	18722874	338.339	346.039
6) L1 AR-1016-4	5.817	5.091	14049937	15325572	390.867	349.254
7) L1 AR-1016-5	6.108	5.304	11870336	19439601	378.876m	356.151
26) L6 AR-1254-1	6.484	5.655	11530284	16555132	215.159	142.680 #
27) L6 AR-1254-2	6.699	5.803	10997739	16032176	132.043	159.328
28) L6 AR-1254-3	7.063	6.219	6222759	26307995	70.448	170.337 #
29) L6 AR-1254-4	7.345	6.433	4391340	3340039	55.822	35.322 #
30) L6 AR-1254-5	7.758	6.849	32911262	45366965	446.680m	339.968
31) L7 AR-1260-1	7.226	6.335	21685219	33794641	367.788	346.397
32) L7 AR-1260-2	7.480	6.523	30690381	40714988	320.226	331.454
33) L7 AR-1260-3	7.837	6.675	20832559	36609728	285.102	334.446
34) L7 AR-1260-4	8.061	7.144	20973613	27077382	321.189	302.850
35) L7 AR-1260-5	8.378	7.387	45359878	65962211	300.690	293.509

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:28
Operator : YP\AJ
Sample : Q2537-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

TR-04-7.9-2025MS

Manual Integrations

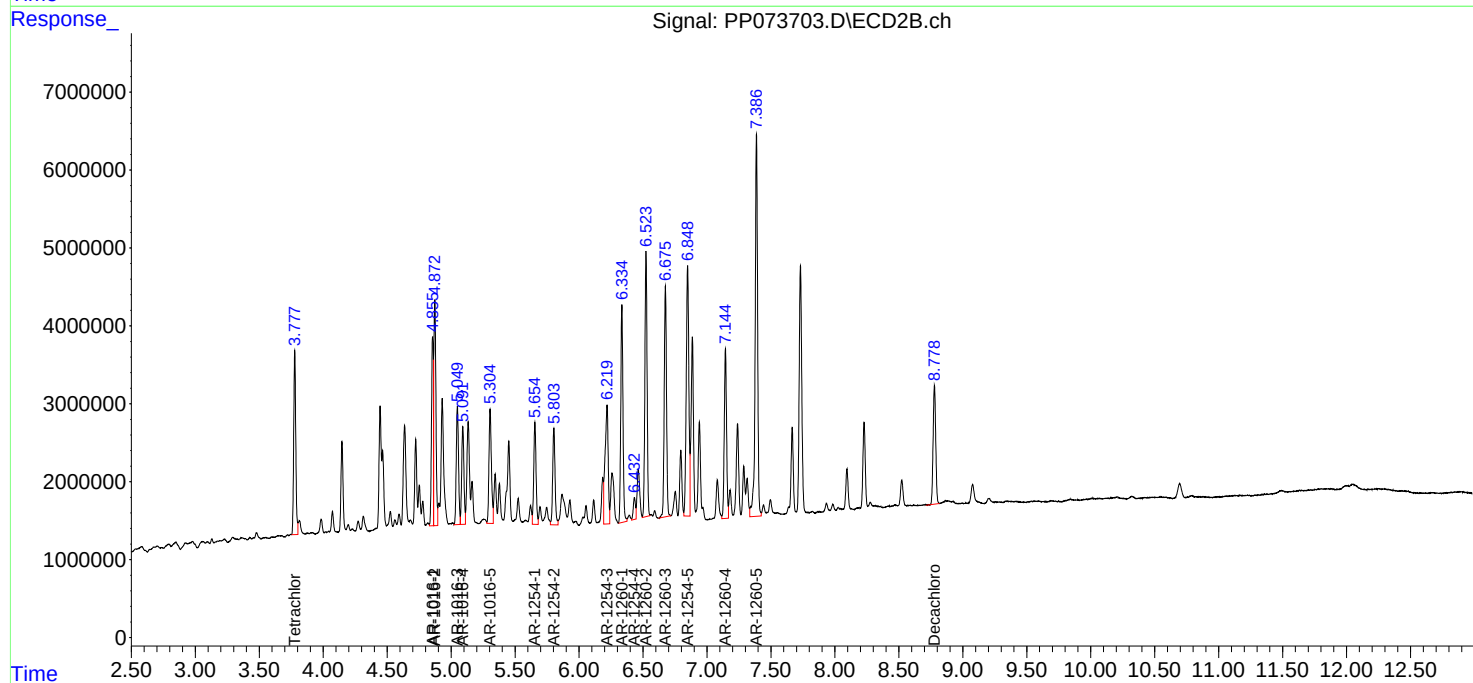
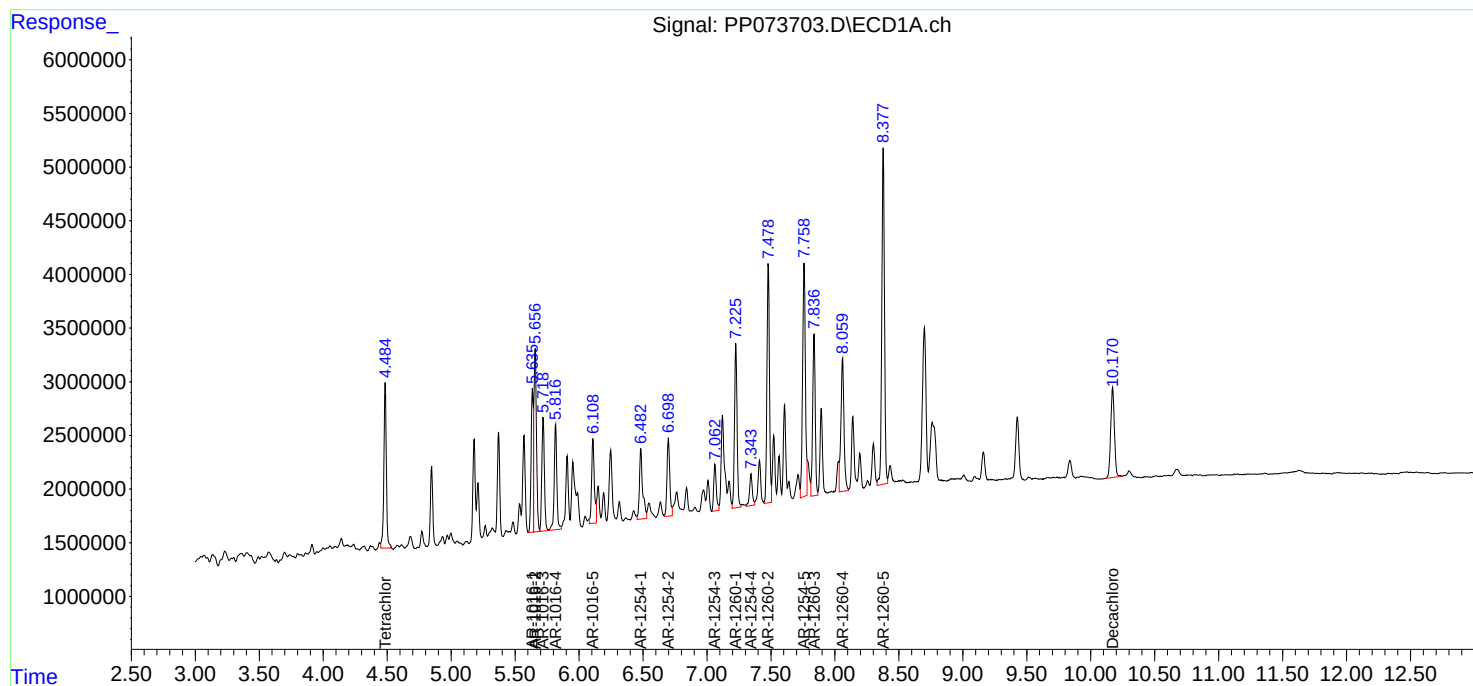
APPROVED

Reviewed By :Yogesh Patel 07/11/2025

Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:30:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



Report of Analysis

Client:	CDM Smith	Date Collected:	07/09/25
Project:	South River WM Replacement	Date Received:	07/09/25
Client Sample ID:	TR-04-07092025MSD	SDG No.:	Q2543
Lab Sample ID:	Q2537-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP073704.D	1	07/10/25 08:35	07/10/25 14:45	PB168783

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	137		4.40	18.8	ug/kg
11104-28-2	Aroclor-1221	4.40	U	4.40	18.8	ug/kg
11141-16-5	Aroclor-1232	4.10	U	4.10	18.8	ug/kg
53469-21-9	Aroclor-1242	4.40	U	4.40	18.8	ug/kg
12672-29-6	Aroclor-1248	6.50	U	6.50	18.8	ug/kg
11097-69-1	Aroclor-1254	71.6		3.50	18.8	ug/kg
37324-23-5	Aroclor-1262	5.50	U	5.50	18.8	ug/kg
11100-14-4	Aroclor-1268	4.00	U	4.00	18.8	ug/kg
11096-82-5	Aroclor-1260	125		3.60	18.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	15.3		32 - 144	77%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.4		32 - 175	77%	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\PP071125\
 Data File : PP073704.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jul 2025 14:45
 Operator : YP\AJ
 Sample : Q2537-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 TR-04-7.9-2025MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2025
 Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 15:31:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jul 08 08:35:32 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...	4.485	3.778	20981533	26079113	15.320m	14.156
2) SA Decachlor...	10.173	8.777	16302897	20413429	14.942	15.428
Target Compounds						
3) L1 AR-1016-1	5.637	4.855	16603545	24187687	349.448	354.790
4) L1 AR-1016-2	5.658	4.873	25232176	35482877	354.310	348.266
5) L1 AR-1016-3	5.721	5.049	15846625	19345905	362.930	357.554
6) L1 AR-1016-4	5.817	5.091	14821382	15661605	412.328	356.912
7) L1 AR-1016-5	6.108	5.304	12073748	20072498	385.368m	367.746
26) L6 AR-1254-1	6.483	5.655	11907521	17290740	222.199	149.019 #
27) L6 AR-1254-2	6.699	5.803	11063991	16532398	132.839	164.299
28) L6 AR-1254-3	7.063	6.218	6359912	27524547	72.000	178.214 #
29) L6 AR-1254-4	7.346	6.432	4538483	3262633	57.692	34.504 #
30) L6 AR-1254-5	7.759	6.848	35972634	46932311	488.229m	351.698 #
31) L7 AR-1260-1	7.227	6.334	22808477	35716260	386.838	366.094
32) L7 AR-1260-2	7.479	6.523	32270313	43487938	336.711	354.028
33) L7 AR-1260-3	7.837	6.674	22280419	37993472	304.916	347.087
34) L7 AR-1260-4	8.060	7.144	22511957	28229569	344.747m	315.737
35) L7 AR-1260-5	8.380	7.386	48798349	69556181	323.483	309.501

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP071125\
Data File : PP073704.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jul 2025 14:45
Operator : YP\AJ
Sample : Q2537-01MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

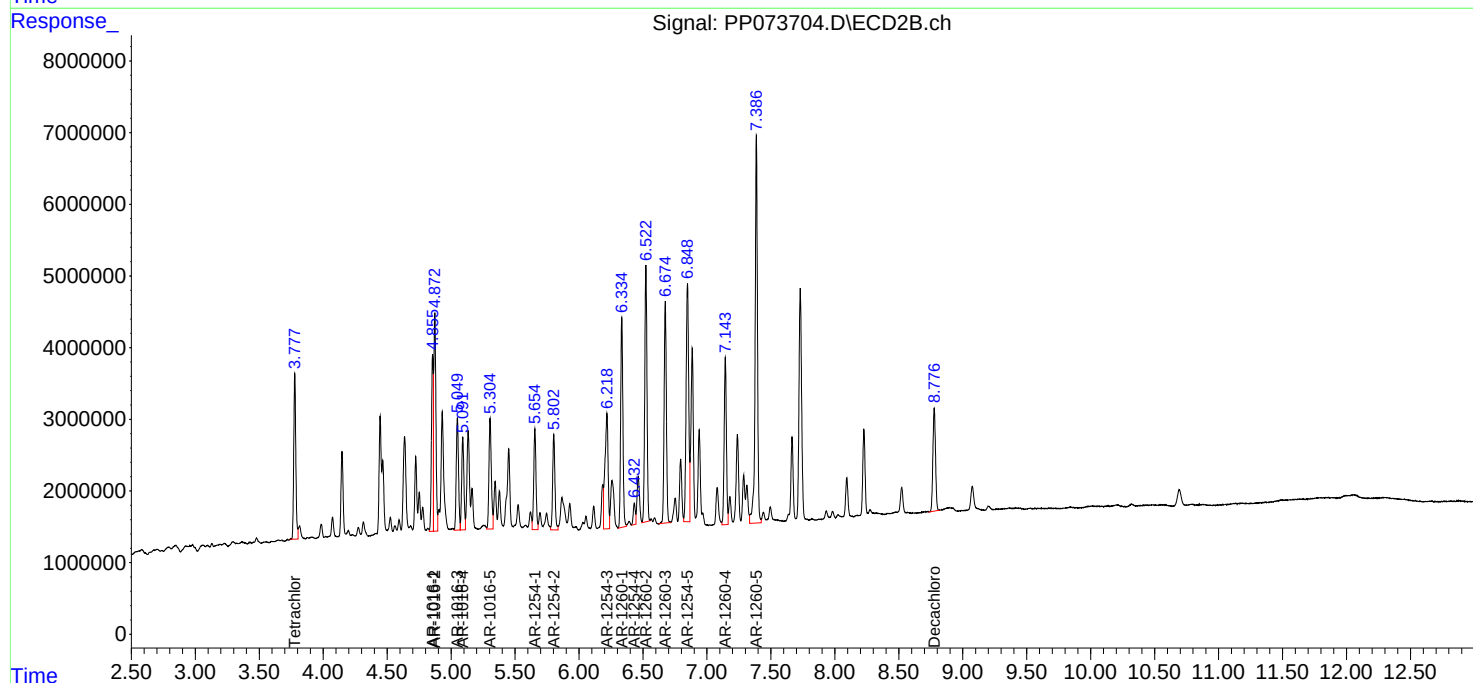
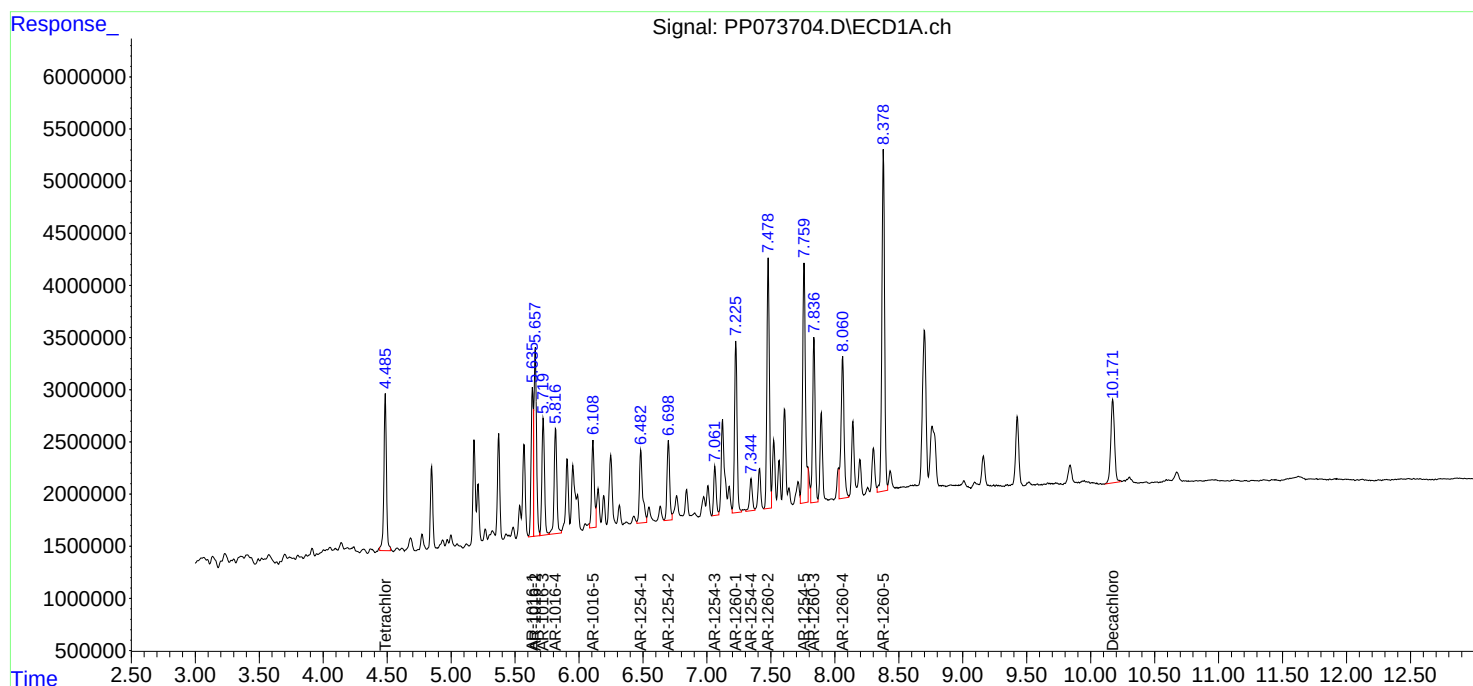
Instrument :
ECD_P
ClientSampleId :
TR-04-7.9-2025MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/11/2025
Supervised By :mohammad ahmed 07/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 15:31:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP070825.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Jul 08 08:35:32 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



Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC1000	PO112088.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC1000	PO112088.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:19 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-4 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1016-5 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC750	PO112089.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:21 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-1	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PO112091.D	AR-1260-2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-4	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	AR-1260-5	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC250	PO112091.D	Tetrachloro-m-xylene #2	yogesh	7/9/2025 7:27:23 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1016-5	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-1 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	AR-1260-2 #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1660ICC050	PO112092.D	Decachlorobiphenyl #2	yogesh	7/9/2025 7:27:25 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

Manual Integration Report

Sequence:

po070825

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PO112099.D	AR-1242-5	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1242ICC050	PO112099.D	AR-1242-5 #2	yogesh	7/9/2025 7:27:26 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-4 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1248ICC050	PO112104.D	AR-1248-5 #2	yogesh	7/9/2025 7:27:28 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-1 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-2 #2	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1254ICC050	PO112109.D	AR-1254-4	yogesh	7/9/2025 7:27:30 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC1000	PO112111.D	AR-1268-4	yogesh	7/9/2025 7:27:32 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-1	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
AR1268ICC050	PO112115.D	AR-1268-3	yogesh	7/9/2025 7:27:33 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-1 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1016-2 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software
PO070825ICV500	PO112116.D	AR-1260-3 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software



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Manual Integration Report

Sequence:	po070825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PO070825ICV500	PO112116.D	AR-1260-4 #2	yogesh	7/9/2025 7:27:35 AM	mohammad	7/10/2025 2:03:44	Peak Integrated by Software

Manual Integration Report

Sequence:	PO071025	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112181.D	AR-1016-2 #2	yogesh	7/11/2025 7:27:23 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112181.D	AR-1260-3 #2	yogesh	7/11/2025 7:27:23 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112181.D	AR-1260-4 #2	yogesh	7/11/2025 7:27:23 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
Q2543-04	PO112193.D	Decachlorobiphenyl #2	yogesh	7/11/2025 7:27:30 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112196.D	AR-1016-1 #2	yogesh	7/11/2025 7:27:33 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112196.D	AR-1016-2 #2	yogesh	7/11/2025 7:27:33 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112196.D	AR-1016-5 #2	yogesh	7/11/2025 7:27:33 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112196.D	AR-1260-3 #2	yogesh	7/11/2025 7:27:33 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112196.D	AR-1260-4 #2	yogesh	7/11/2025 7:27:33 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1248CCC500	PO112198.D	Decachlorobiphenyl #2	yogesh	7/11/2025 7:27:34 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112202.D	AR-1016-1 #2	yogesh	7/11/2025 7:27:37 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112202.D	AR-1016-2 #2	yogesh	7/11/2025 7:27:37 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112202.D	AR-1016-5	yogesh	7/11/2025 7:27:37 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software



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Manual Integration Report

Sequence:	PO071025	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO112202.D	AR-1016-5 #2	yogesh	7/11/2025 7:27:37 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112202.D	AR-1260-3 #2	yogesh	7/11/2025 7:27:37 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software
AR1660CCC500	PO112202.D	AR-1260-4 #2	yogesh	7/11/2025 7:27:37 AM	mohammad	7/11/2025 9:09:49	Peak Integrated by Software

Manual Integration Report

Sequence:

pp070825

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP073557.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC250	PP073557.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:16 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1016-1	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-1 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-4 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1660ICC050	PP073558.D	AR-1260-5 #2	yogesh	7/8/2025 8:51:18 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-1	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-2	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-3	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1242ICC050	PP073565.D	AR-1242-5	yogesh	7/8/2025 8:51:20 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-1	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-4	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1248ICC050	PP073570.D	AR-1248-5	yogesh	7/8/2025 8:51:21 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

Manual Integration Report

Sequence:

pp070825

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC050	PP073575.D	AR-1254-1	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-2	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-3	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1254ICC050	PP073575.D	AR-1254-4	yogesh	7/8/2025 8:51:23 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC250	PP073580.D	AR-1268-1 #2	yogesh	7/8/2025 8:51:24 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software
AR1268ICC050	PP073581.D	AR-1268-5	yogesh	7/8/2025 8:51:26 AM	mohammad	7/9/2025 1:51:14	Peak Integrated by Software

Manual Integration Report

Sequence:

PP071125

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP073691.D	AR-1016-5 #2	yogesh	7/11/2025 7:26:48 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
PB168783BS	PP073701.D	AR-1016-5	yogesh	7/11/2025 7:26:53 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MS	PP073703.D	AR-1016-5	yogesh	7/11/2025 7:26:56 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MS	PP073703.D	AR-1254-5	yogesh	7/11/2025 7:26:56 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MS	PP073703.D	Tetrachloro-m-xylene	yogesh	7/11/2025 7:26:56 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MSD	PP073704.D	AR-1016-5	yogesh	7/11/2025 7:26:58 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MSD	PP073704.D	AR-1254-5	yogesh	7/11/2025 7:26:58 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MSD	PP073704.D	AR-1260-4	yogesh	7/11/2025 7:26:58 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software
Q2537-01MSD	PP073704.D	Tetrachloro-m-xylene	yogesh	7/11/2025 7:26:58 AM	mohammad	7/11/2025 9:09:56	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PO112086.D	08 Jul 2025 13:32	YP/AJ	Ok
2	I.BLK	PO112087.D	08 Jul 2025 13:49	YP/AJ	Ok
3	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06	YP/AJ	Ok,M
4	AR1660ICC750	PO112089.D	08 Jul 2025 14:25	YP/AJ	Ok,M
5	AR1660ICC500	PO112090.D	08 Jul 2025 14:43	YP/AJ	Ok
6	AR1660ICC250	PO112091.D	08 Jul 2025 15:02	YP/AJ	Ok,M
7	AR1660ICC050	PO112092.D	08 Jul 2025 15:21	YP/AJ	Ok,M
8	AR1221ICC500	PO112093.D	08 Jul 2025 15:38	YP/AJ	Ok
9	AR1232ICC500	PO112094.D	08 Jul 2025 15:57	YP/AJ	Ok
10	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15	YP/AJ	Ok
11	AR1242ICC750	PO112096.D	08 Jul 2025 16:34	YP/AJ	Ok
12	AR1242ICC500	PO112097.D	08 Jul 2025 16:52	YP/AJ	Ok
13	AR1242ICC250	PO112098.D	08 Jul 2025 17:11	YP/AJ	Ok
14	AR1242ICC050	PO112099.D	08 Jul 2025 17:29	YP/AJ	Ok,M
15	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48	YP/AJ	Ok
16	AR1248ICC750	PO112101.D	08 Jul 2025 18:05	YP/AJ	Ok
17	AR1248ICC500	PO112102.D	08 Jul 2025 18:24	YP/AJ	Ok
18	AR1248ICC250	PO112103.D	08 Jul 2025 18:41	YP/AJ	Ok
19	AR1248ICC050	PO112104.D	08 Jul 2025 18:59	YP/AJ	Ok,M
20	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18	YP/AJ	Ok
21	AR1254ICC750	PO112106.D	08 Jul 2025 19:35	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825
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			
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	PO112107.D	08 Jul 2025 19:54	YP/AJ	Ok
23	AR1254ICC250	PO112108.D	08 Jul 2025 20:11	YP/AJ	Ok
24	AR1254ICC050	PO112109.D	08 Jul 2025 20:28	YP/AJ	Ok,M
25	AR1262ICC500	PO112110.D	08 Jul 2025 20:47	YP/AJ	Ok
26	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04	YP/AJ	Ok,M
27	AR1268ICC750	PO112112.D	08 Jul 2025 21:22	YP/AJ	Ok
28	AR1268ICC500	PO112113.D	08 Jul 2025 21:39	YP/AJ	Ok
29	AR1268ICC250	PO112114.D	08 Jul 2025 21:57	YP/AJ	Ok
30	AR1268ICC050	PO112115.D	08 Jul 2025 22:16	YP/AJ	Ok,M
31	PO070825ICV500	PO112116.D	08 Jul 2025 22:34	YP/AJ	Ok,M
32	AR1242ICV500	PO112117.D	08 Jul 2025 23:11	YP/AJ	Ok
33	AR1248ICV500	PO112118.D	08 Jul 2025 23:47	YP/AJ	Ok
34	AR1254ICV500	PO112119.D	09 Jul 2025 00:24	YP/AJ	Ok
35	AR1268ICV500	PO112120.D	09 Jul 2025 01:01	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO071025

Review By	yogesh	Review On	7/10/2025 3:08:21 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:50 AM
SubDirectory	PO071025	HP Acquire Method	HP Processing Method PO070825
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	PO112180.D	10 Jul 2025 09:37	YP/AJ	Ok
2	AR1660CCC500	PO112181.D	10 Jul 2025 09:55	YP/AJ	Ok,M
3	AR1242CCC500	PO112182.D	10 Jul 2025 10:13	YP/AJ	Ok
4	AR1248CCC500	PO112183.D	10 Jul 2025 10:32	YP/AJ	Ok
5	AR1254CCC500	PO112184.D	10 Jul 2025 10:50	YP/AJ	Ok
6	I.BLK	PO112185.D	10 Jul 2025 11:08	YP/AJ	Ok
7	DDT ANALOGUE	PO112186.D	10 Jul 2025 11:27	YP/AJ	Ok
8	PP24709	PO112187.D	10 Jul 2025 12:42	YP/AJ	Ok,M
9	Q2539-01	PO112188.D	10 Jul 2025 14:04	YP/AJ	Ok,M
10	Q2542-01	PO112189.D	10 Jul 2025 14:23	YP/AJ	Ok,M
11	Q2543-01	PO112190.D	10 Jul 2025 14:40	YP/AJ	Ok
12	Q2543-02	PO112191.D	10 Jul 2025 14:58	YP/AJ	Ok
13	Q2543-03	PO112192.D	10 Jul 2025 15:15	YP/AJ	Ok
14	Q2543-04	PO112193.D	10 Jul 2025 15:32	YP/AJ	Ok,M
15	Q2546-01	PO112194.D	10 Jul 2025 15:50	YP/AJ	Ok
16	Q2550-02	PO112195.D	10 Jul 2025 16:07	YP/AJ	Ok,M
17	AR1660CCC500	PO112196.D	10 Jul 2025 17:18	YP/AJ	Ok,M
18	AR1242CCC500	PO112197.D	10 Jul 2025 18:11	YP/AJ	Ok
19	AR1248CCC500	PO112198.D	10 Jul 2025 18:28	YP/AJ	Ok,M
20	AR1254CCC500	PO112199.D	10 Jul 2025 18:47	YP/AJ	Ok
21	I.BLK	PO112200.D	10 Jul 2025 19:05	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO071025

Review By	yogesh	Review On	7/10/2025 3:08:21 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:50 AM
SubDirectory	PO071025	HP Acquire Method	HP Processing Method PO070825
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			

22	Q2551-02	PO112201.D	10 Jul 2025 19:23	YP/AJ	Ok,M
23	AR1660CCC500	PO112202.D	10 Jul 2025 20:32	YP/AJ	Ok,M
24	AR1242CCC500	PO112203.D	10 Jul 2025 21:24	YP/AJ	Ok
25	AR1248CCC500	PO112204.D	10 Jul 2025 21:43	YP/AJ	Ok
26	AR1254CCC500	PO112205.D	10 Jul 2025 22:01	YP/AJ	Ok
27	I.BLK	PO112206.D	10 Jul 2025 22:20	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP073552.D	07 Jul 2025 20:13	YP\AJ	Ok
2	I.BLK	PP073553.D	07 Jul 2025 20:30	YP\AJ	Ok
3	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03	YP\AJ	Ok
4	AR1660ICC750	PP073555.D	07 Jul 2025 21:19	YP\AJ	Ok
5	AR1660ICC500	PP073556.D	07 Jul 2025 21:35	YP\AJ	Ok
6	AR1660ICC250	PP073557.D	07 Jul 2025 21:52	YP\AJ	Ok,M
7	AR1660ICC050	PP073558.D	07 Jul 2025 22:08	YP\AJ	Ok,M
8	AR1221ICC500	PP073559.D	07 Jul 2025 22:24	YP\AJ	Ok
9	AR1232ICC500	PP073560.D	07 Jul 2025 22:41	YP\AJ	Ok
10	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57	YP\AJ	Ok
11	AR1242ICC750	PP073562.D	07 Jul 2025 23:14	YP\AJ	Ok
12	AR1242ICC500	PP073563.D	07 Jul 2025 23:30	YP\AJ	Ok
13	AR1242ICC250	PP073564.D	07 Jul 2025 23:46	YP\AJ	Ok
14	AR1242ICC050	PP073565.D	08 Jul 2025 00:03	YP\AJ	Ok,M
15	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19	YP\AJ	Ok
16	AR1248ICCC750	PP073567.D	08 Jul 2025 00:35	YP\AJ	Ok
17	AR1248ICC500	PP073568.D	08 Jul 2025 00:52	YP\AJ	Ok
18	AR1248ICC250	PP073569.D	08 Jul 2025 01:08	YP\AJ	Ok
19	AR1248ICC050	PP073570.D	08 Jul 2025 01:25	YP\AJ	Ok,M
20	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41	YP\AJ	Ok
21	AR1254ICC750	PP073572.D	08 Jul 2025 01:57	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
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			
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	PP073573.D	08 Jul 2025 02:14	YP\AJ	Ok
23	AR1254ICC250	PP073574.D	08 Jul 2025 02:30	YP\AJ	Ok
24	AR1254ICC050	PP073575.D	08 Jul 2025 02:46	YP\AJ	Ok,M
25	AR1262ICC500	PP073576.D	08 Jul 2025 03:03	YP\AJ	Ok
26	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19	YP\AJ	Ok
27	AR1268ICC750	PP073578.D	08 Jul 2025 03:35	YP\AJ	Ok
28	AR1268ICC500	PP073579.D	08 Jul 2025 03:52	YP\AJ	Ok
29	AR1268ICC250	PP073580.D	08 Jul 2025 04:08	YP\AJ	Ok,M
30	AR1268ICC050	PP073581.D	08 Jul 2025 04:24	YP\AJ	Ok,M
31	PP070125ICV500	PP073582.D	08 Jul 2025 04:41	YP\AJ	Ok
32	AR1242ICV500	PP073583.D	08 Jul 2025 05:30	YP\AJ	Ok
33	AR1248ICV500	PP073584.D	08 Jul 2025 05:46	YP\AJ	Ok
34	AR1254ICV500	PP073585.D	08 Jul 2025 06:19	YP\AJ	Ok
35	AR1268ICV500	PP073586.D	08 Jul 2025 06:52	YP\AJ	Ok
36	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071125

Review By	yogesh	Review On	7/10/2025 3:07:31 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:56 AM
SubDirectory	PP071125	HP Acquire Method	HP Processing Method PP070825
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	PP073690.D	10 Jul 2025 09:06	YP\AJ	Ok
2	AR1660CCC500	PP073691.D	10 Jul 2025 09:22	YP\AJ	Ok,M
3	AR1242CCC500	PP073692.D	10 Jul 2025 09:40	YP\AJ	Ok
4	AR1248CCC500	PP073693.D	10 Jul 2025 09:56	YP\AJ	Ok
5	AR1254CCC500	PP073694.D	10 Jul 2025 10:12	YP\AJ	Ok
6	I.BLK	PP073695.D	10 Jul 2025 10:29	YP\AJ	Ok
7	DDT ANALOGUE	PP073696.D	10 Jul 2025 10:45	YP\AJ	Ok
8	Q2544-03	PP073697.D	10 Jul 2025 11:18	YP\AJ	Ok
9	Q2521-01DL	PP073698.D	10 Jul 2025 11:34	YP\AJ	Ok,M
10	Q2526-03	PP073699.D	10 Jul 2025 11:50	YP\AJ	Ok
11	PB168783BL	PP073700.D	10 Jul 2025 13:39	YP\AJ	Ok
12	PB168783BS	PP073701.D	10 Jul 2025 13:55	YP\AJ	Ok,M
13	Q2537-01	PP073702.D	10 Jul 2025 14:12	YP\AJ	Ok,M
14	Q2537-01MS	PP073703.D	10 Jul 2025 14:28	YP\AJ	Ok,M
15	Q2537-01MSD	PP073704.D	10 Jul 2025 14:45	YP\AJ	Ok,M
16	AR1660CCC500	PP073705.D	10 Jul 2025 15:50	YP\AJ	Ok
17	AR1242CCC500	PP073706.D	10 Jul 2025 16:06	YP\AJ	Ok
18	AR1248CCC500	PP073707.D	10 Jul 2025 16:23	YP\AJ	Ok
19	AR1254CCC500	PP073708.D	10 Jul 2025 16:39	YP\AJ	Ok
20	I.BLK	PP073709.D	10 Jul 2025 16:56	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PO112086.D	08 Jul 2025 13:32		YP/AJ	Ok
2	I.BLK	I.BLK	PO112087.D	08 Jul 2025 13:49		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO112088.D	08 Jul 2025 14:06		YP/AJ	Ok,M
4	AR1660ICC750	AR1660ICC750	PO112089.D	08 Jul 2025 14:25		YP/AJ	Ok,M
5	AR1660ICC500	AR1660ICC500	PO112090.D	08 Jul 2025 14:43		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO112091.D	08 Jul 2025 15:02		YP/AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PO112092.D	08 Jul 2025 15:21		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO112093.D	08 Jul 2025 15:38		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO112094.D	08 Jul 2025 15:57		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO112095.D	08 Jul 2025 16:15		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO112096.D	08 Jul 2025 16:34		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO112097.D	08 Jul 2025 16:52		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO112098.D	08 Jul 2025 17:11		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO112099.D	08 Jul 2025 17:29		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO112100.D	08 Jul 2025 17:48		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO112101.D	08 Jul 2025 18:05		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO112102.D	08 Jul 2025 18:24		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO112103.D	08 Jul 2025 18:41		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO070825

Review By	yogesh	Review On	7/8/2025 1:10:21 PM
Supervise By	mohammad	Supervise On	7/10/2025 2:03:44 AM
SubDirectory	PO070825	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		

19	AR1248ICC050	AR1248ICC050	PO112104.D	08 Jul 2025 18:59		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO112105.D	08 Jul 2025 19:18		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO112106.D	08 Jul 2025 19:35		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO112107.D	08 Jul 2025 19:54		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO112108.D	08 Jul 2025 20:11		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO112109.D	08 Jul 2025 20:28		YP/AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PO112110.D	08 Jul 2025 20:47		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO112111.D	08 Jul 2025 21:04		YP/AJ	Ok,M
27	AR1268ICC750	AR1268ICC750	PO112112.D	08 Jul 2025 21:22		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO112113.D	08 Jul 2025 21:39		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO112114.D	08 Jul 2025 21:57		YP/AJ	Ok
30	AR1268ICC050	AR1268ICC050	PO112115.D	08 Jul 2025 22:16		YP/AJ	Ok,M
31	PO070825ICV500	ICVPO070825	PO112116.D	08 Jul 2025 22:34		YP/AJ	Ok,M
32	AR1242ICV500	ICVPO070825AR1242	PO112117.D	08 Jul 2025 23:11		YP/AJ	Ok
33	AR1248ICV500	ICVPO070825AR1248	PO112118.D	08 Jul 2025 23:47		YP/AJ	Ok
34	AR1254ICV500	ICVPO070825AR1254	PO112119.D	09 Jul 2025 00:24		YP/AJ	Ok
35	AR1268ICV500	ICVPO070825AR1268	PO112120.D	09 Jul 2025 01:01		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO071025

Review By	yogesh	Review On	7/10/2025 3:08:21 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:50 AM
SubDirectory	PO071025	HP Acquire Method	HP Processing Method PO070825

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	PO112180.D	10 Jul 2025 09:37		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO112181.D	10 Jul 2025 09:55		YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO112182.D	10 Jul 2025 10:13		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO112183.D	10 Jul 2025 10:32		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO112184.D	10 Jul 2025 10:50		YP/AJ	Ok
6	I.BLK	I.BLK	PO112185.D	10 Jul 2025 11:08		YP/AJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PO112186.D	10 Jul 2025 11:27		YP/AJ	Ok
8	PP24709	PP24709	PO112187.D	10 Jul 2025 12:42		YP/AJ	Ok,M
9	Q2539-01	HACKENSACK	PO112188.D	10 Jul 2025 14:04		YP/AJ	Ok,M
10	Q2542-01	VNJ-245	PO112189.D	10 Jul 2025 14:23		YP/AJ	Ok,M
11	Q2543-01	TP-41	PO112190.D	10 Jul 2025 14:40		YP/AJ	Ok
12	Q2543-02	TP-49	PO112191.D	10 Jul 2025 14:58		YP/AJ	Ok
13	Q2543-03	TP-23	PO112192.D	10 Jul 2025 15:15		YP/AJ	Ok
14	Q2543-04	TP-23-99	PO112193.D	10 Jul 2025 15:32		YP/AJ	Ok,M
15	Q2546-01	HD-02-7-9-2025	PO112194.D	10 Jul 2025 15:50		YP/AJ	Ok
16	Q2550-02	VNJ-203	PO112195.D	10 Jul 2025 16:07		YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO112196.D	10 Jul 2025 17:18		YP/AJ	Ok,M
18	AR1242CCC500	AR1242CCC500	PO112197.D	10 Jul 2025 18:11		YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO071025

Review By	yogesh	Review On	7/10/2025 3:08:21 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:50 AM
SubDirectory	PO071025	HP Acquire Method	HP Processing Method PO070825
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,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	PO112198.D	10 Jul 2025 18:28		YP/AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PO112199.D	10 Jul 2025 18:47		YP/AJ	Ok
21	I.BLK	I.BLK	PO112200.D	10 Jul 2025 19:05		YP/AJ	Ok
22	Q2551-02	VNJ-204	PO112201.D	10 Jul 2025 19:23	TCMX high in 2nd column	YP/AJ	Ok,M
23	AR1660CCC500	AR1660CCC500	PO112202.D	10 Jul 2025 20:32		YP/AJ	Ok,M
24	AR1242CCC500	AR1242CCC500	PO112203.D	10 Jul 2025 21:24		YP/AJ	Ok
25	AR1248CCC500	AR1248CCC500	PO112204.D	10 Jul 2025 21:43		YP/AJ	Ok
26	AR1254CCC500	AR1254CCC500	PO112205.D	10 Jul 2025 22:01		YP/AJ	Ok
27	I.BLK	I.BLK	PO112206.D	10 Jul 2025 22:20		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP073552.D	07 Jul 2025 20:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP073553.D	07 Jul 2025 20:30		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP073554.D	07 Jul 2025 21:03		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP073555.D	07 Jul 2025 21:19		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP073556.D	07 Jul 2025 21:35		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP073557.D	07 Jul 2025 21:52		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP073558.D	07 Jul 2025 22:08		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP073559.D	07 Jul 2025 22:24		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP073560.D	07 Jul 2025 22:41		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP073561.D	07 Jul 2025 22:57		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP073562.D	07 Jul 2025 23:14		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP073563.D	07 Jul 2025 23:30		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP073564.D	07 Jul 2025 23:46		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP073565.D	08 Jul 2025 00:03		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP073566.D	08 Jul 2025 00:19		YP\AJ	Ok
16	AR1248ICCC750	AR1248ICCC750	PP073567.D	08 Jul 2025 00:35		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP073568.D	08 Jul 2025 00:52		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP073569.D	08 Jul 2025 01:08		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP070825

Review By	yogesh	Review On	7/7/2025 4:17:13 PM
Supervise By	mohammad	Supervise On	7/9/2025 1:51:14 AM
SubDirectory	PP070825	HP Acquire Method	HP Processing Method PP070825
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369 PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		

19	AR1248ICC050	AR1248ICC050	PP073570.D	08 Jul 2025 01:25		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP073571.D	08 Jul 2025 01:41		YPIAJ	Ok
21	AR1254ICC750	AR1254ICC750	PP073572.D	08 Jul 2025 01:57		YPIAJ	Ok
22	AR1254ICC500	AR1254ICC500	PP073573.D	08 Jul 2025 02:14		YPIAJ	Ok
23	AR1254ICC250	AR1254ICC250	PP073574.D	08 Jul 2025 02:30		YPIAJ	Ok
24	AR1254ICC050	AR1254ICC050	PP073575.D	08 Jul 2025 02:46		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP073576.D	08 Jul 2025 03:03		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP073577.D	08 Jul 2025 03:19		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP073578.D	08 Jul 2025 03:35		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP073579.D	08 Jul 2025 03:52		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP073580.D	08 Jul 2025 04:08		YPIAJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PP073581.D	08 Jul 2025 04:24		YPIAJ	Ok,M
31	PP070125ICV500	ICVPP070825	PP073582.D	08 Jul 2025 04:41		YPIAJ	Ok
32	AR1242ICV500	ICVPP070825AR1242	PP073583.D	08 Jul 2025 05:30		YPIAJ	Ok
33	AR1248ICV500	ICVPP070825AR1248	PP073584.D	08 Jul 2025 05:46		YPIAJ	Ok
34	AR1254ICV500	ICVPP070825AR1254	PP073585.D	08 Jul 2025 06:19		YPIAJ	Ok
35	AR1268ICV500	ICVPP070825AR1268	PP073586.D	08 Jul 2025 06:52		YPIAJ	Ok
36	DDT ANALOGUE	DDT ANALOGUE	PP073587.D	08 Jul 2025 07:24		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071125

Review By	yogesh	Review On	7/10/2025 3:07:31 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:56 AM
SubDirectory	PP071125	HP Acquire Method	HP Processing Method PP070825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,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	PP073690.D	10 Jul 2025 09:06		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP073691.D	10 Jul 2025 09:22		YPIAJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP073692.D	10 Jul 2025 09:40		YPIAJ	Ok
4	AR1248CCC500	AR1248CCC500	PP073693.D	10 Jul 2025 09:56		YPIAJ	Ok
5	AR1254CCC500	AR1254CCC500	PP073694.D	10 Jul 2025 10:12		YPIAJ	Ok
6	I.BLK	I.BLK	PP073695.D	10 Jul 2025 10:29		YPIAJ	Ok
7	DDT ANALOGUE	DDT ANALOGUE	PP073696.D	10 Jul 2025 10:45		YPIAJ	Ok
8	Q2544-03	BC 258874-1-1	PP073697.D	10 Jul 2025 11:18		YPIAJ	Ok
9	Q2521-01DL	M1ADL	PP073698.D	10 Jul 2025 11:34	AR1254 Hit	YPIAJ	Ok,M
10	Q2526-03	LAW-25-0102	PP073699.D	10 Jul 2025 11:50		YPIAJ	Ok
11	PB168783BL	PB168783BL	PP073700.D	10 Jul 2025 13:39		YPIAJ	Ok
12	PB168783BS	PB168783BS	PP073701.D	10 Jul 2025 13:55		YPIAJ	Ok,M
13	Q2537-01	TR-04-7.9-2025	PP073702.D	10 Jul 2025 14:12	AR1254 & AR1260 Hit	YPIAJ	Ok,M
14	Q2537-01MS	TR-04-7.9-2025MS	PP073703.D	10 Jul 2025 14:28		YPIAJ	Ok,M
15	Q2537-01MSD	TR-04-7.9-2025MSD	PP073704.D	10 Jul 2025 14:45		YPIAJ	Ok,M
16	AR1660CCC500	AR1660CCC500	PP073705.D	10 Jul 2025 15:50	AR1260-2 low in first column	YPIAJ	Ok
17	AR1242CCC500	AR1242CCC500	PP073706.D	10 Jul 2025 16:06		YPIAJ	Ok
18	AR1248CCC500	AR1248CCC500	PP073707.D	10 Jul 2025 16:23		YPIAJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP071125

Review By	yogesh	Review On	7/10/2025 3:07:31 PM
Supervise By	mohammad	Supervise On	7/11/2025 9:09:56 AM
SubDirectory	PP071125	HP Acquire Method	HP Processing Method PP070825

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,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	AR1254CCC500	AR1254CCC500	PP073708.D	10 Jul 2025 16:39		YP\AJ	Ok
20	I.BLK	I.BLK	PP073709.D	10 Jul 2025 16:56		YP\AJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/10/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136409

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
Q2534-01	VNJ-206#1	8	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-02	VNJ-206#2	9	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-03	VNJ-224#1	10	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-04	VNJ-224#2	11	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-05	VNJ-232#1	12	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-06	VNJ-232#2	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-07	VNJ-227#1	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2534-08	VNJ-227#2	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2535-03	70225-PIPE	1	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2535-04	70725-PIPE	2	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2537-01	TR-04-7.9-2025	42	1.18	10.34	11.52	10.54	90.5	
Q2537-02	TR-04-7.9-2025	43	1.15	10.83	11.98	10.83	89.4	
Q2538-01	70325-A	3	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2538-02	70325-B	4	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2538-03	70325-C	5	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q2539-01	HACKENSACK	6	1.14	10.40	11.54	10.9	93.8	
Q2539-02	HACKENSACK-EPH 2	7	1.15	10.84	11.99	11.31	93.7	
Q2541-01	HED664T-1-1	16	1.00	1.00	2.00	2.00	100.0	PILC
Q2541-02	HED664T-1-2	17	1.00	1.00	2.00	2.00	100.0	PILC
Q2542-01	VNJ-245	18	1.15	10.18	11.33	10.88	95.6	
Q2542-02	VNJ-245-E2	19	1.18	10.32	11.5	10.84	93.6	
Q2543-01	TP-41	20	1.16	10.61	11.77	9.86	82.0	
Q2543-02	TP-49	21	1.19	10.08	11.27	8.64	73.9	
Q2543-03	TP-23	22	1.15	10.00	11.15	9.65	85.0	
Q2543-04	TP-23-99	23	1.13	10.32	11.45	9.94	85.4	
Q2544-01	Y 2307-0174-1-1	24	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-02	Y 2307-0174-1-2	25	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-03	BC 258874-1-1	26	1.00	1.00	2.00	2.00	100.0	PILC

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 7/10/2025

OVENTEMP IN Celsius(°C): 108
Time IN: 17:10
In Date: 07/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 07/10/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136409

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
Q2544-04	BC 258874-1-2	27	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-05	BC 274857-1-1	28	1.00	1.00	2.00	2.00	100.0	PILC
Q2544-06	BC 274857-1-2	29	1.00	1.00	2.00	2.00	100.0	PILC
Q2546-01	HD-02-7-9-2025	44	1.19	10.57	11.76	11.15	94.2	
Q2546-02	HD-02-7-9-2025	45	1.12	10.64	11.76	11.19	94.6	
Q2546-03	HD-02-7-9-2025	46	1.14	10.85	11.99	11.66	97.0	
Q2549-01	BC271242-1-1	30	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-02	BC271242-1-2	31	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-03	BC226734-1-1	32	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-04	BC226734-1-2	33	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-05	BC226734-2-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-06	BC226734-2-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-07	JEI484M-1-1	36	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-08	JEI484M-1-2	37	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-09	HZA852R-1-1	38	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-10	HZA852R-1-2	39	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-11	HZA852R-2-1	40	1.00	1.00	2.00	2.00	100.0	PILC
Q2549-12	HZA852R-2-2	41	1.00	1.00	2.00	2.00	100.0	PILC
Q2551-02	VNJ-204	47	1.11	10.49	11.6	10.8	92.4	
Q2551-03	VNJ-204-EPH	48	1.15	11.19	12.34	11.26	90.3	

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

WORKLIST(Hardcopy Internal Chain)

VB 136409

Worklist Name : %1-070925

Worklist ID : 190592

Department : Wet-Chemistry

Date : 07-09-2025 07:49:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2534-01	VNJ-206#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-02	VNJ-206#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-03	VNJ-224#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-04	VNJ-224#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-05	VNJ-232#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-06	VNJ-232#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-07	VNJ-227#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2534-08	VNJ-227#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O31	07/09/2025	Chemtech -SO
Q2535-03	70225-PIPE	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/09/2025	Chemtech -SO
Q2535-04	70725-PIPE	Solid	Percent Solids	Cool 4 deg C	PSEG03	O21	07/09/2025	Chemtech -SO
Q2537-01	TR-04-7.9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O33	07/09/2025	Chemtech -SO
Q2537-02	TR-04-7.9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	O33	07/09/2025	Chemtech -SO
Q2538-01	70325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2538-02	70325-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2538-03	70325-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2539-01	HACKENSACK	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2539-02	HACKENSACK-EPH 2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2541-01	HED664T-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2541-02	HED664T-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O41	07/09/2025	Chemtech -SO
Q2542-01	VNJ-245	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/09/2025	Chemtech -SO
Q2542-02	VNJ-245-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O32	07/09/2025	Chemtech -SO

Date/Time 07/09/25 15:00

Raw Sample Received by: SP wley

Raw Sample Relinquished by: JDCsm

Date/Time

07/09/25

Raw Sample Received by: JDCsm

Raw Sample Relinquished by: SP wley

WORKLIST(Hardcopy Internal Chain)

183136409

WorkList Name : %1-070925

WorkList ID : 190592

Department : Wet-Chemistry

Date : 07-09-2025 07:49:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2543-01	TP-41	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/08/2025	Chemtech -SO
Q2543-02	TP-49	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2543-03	TP-23	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2543-04	TP-23-99	Solid	Percent Solids	Cool 4 deg C	CAMP02	O42	07/09/2025	Chemtech -SO
Q2544-01	Y 2307-0174-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-02	Y 2307-0174-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-03	BC 258874-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-04	BC 258874-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-05	BC 274857-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2544-06	BC 274857-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	O22	07/09/2025	Chemtech -SO
Q2546-01	HD-02-7-9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	O23	07/09/2025	Chemtech -SO
Q2546-02	HD-02-7-9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	O23	07/09/2025	Chemtech -SO
Q2546-03	HD-02-7-9-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	O23	07/09/2025	Chemtech -SO
Q2549-01	BC271242-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-02	BC271242-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-03	BC226734-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-04	BC226734-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-05	BC226734-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-06	BC226734-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-07	JEI484M-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-08	JEI484M-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO

Date/Time 07/09/25 15:00

Raw Sample Received by: RWC

Raw Sample Relinquished by: JDCSM

Date/Time 07/09/25

Raw Sample Received by: JDCSM

Raw Sample Relinquished by: RWC

WORKLIST(Hardcopy Internal Chain)

136409

WorkList Name : %1-070925

WorkList ID : 190592

Department : Wet-Chemistry

Date : 07-09-2025 07:49:44

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2549-09	HZA852R-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-10	HZA852R-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-11	HZA852R-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2549-12	HZA852R-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	--Sele	07/09/2025	Chemtech -SO
Q2551-02	VNJ-204	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/09/2025	Chemtech -SO
Q2551-03	VNJ-204-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	O11	07/09/2025	Chemtech -SO

Date/Time 07/09/25 15:00

Raw Sample Received by: se wcy

Raw Sample Relinquished by: JDC Sm

Date/Time 07/09/25 17:20

Raw Sample Received by: JDC Sm

Raw Sample Relinquished by: se wcy

SOP ID: M3541-ASE Extraction-14

Clean Up SOP #: Acid Cleanup **Extraction Start Date :** 07/10/2025

Matrix : Solid **Extraction Start Time :** 08:35

Weigh By: EH **Extraction By:** RJ **Extraction End Date :** 07/10/2025

Balance check: RJ **Filter By:** RJ **Extraction End Time :** 11:50

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: ☐ Separatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standard 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	EP2624
Hexane	N/A	E3950
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
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.

KD Bath ID: N/A **Envap ID:** NEVAP-02

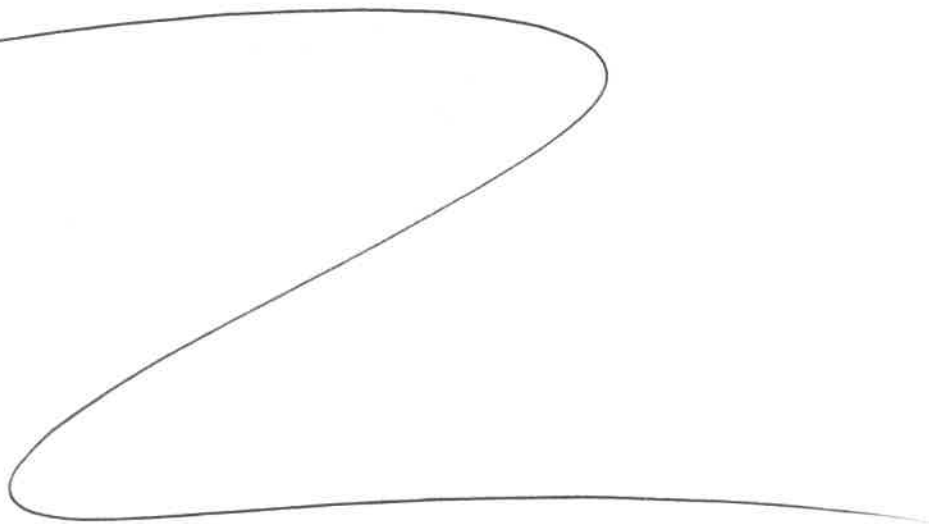
KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
7/10/25	RS (Ext-Web)	SR, Test/PCB Lab
11:55	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-14

Concentration Date: 07/10/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB168783BL	ABLK783	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB168783BS	ALCS783	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q2537-01	TR-04-7.9-2025	PCB	30.06	N/A	ritesh	Evelyn	10	B		3
Q2537-01MS	TR-04-7.9-2025MS	PCB	30.01	N/A	ritesh	Evelyn	10	B		4
Q2537-01MS D	TR-04-7.9-2025MSD	PCB	30.05	N/A	ritesh	Evelyn	10	B		5
Q2539-01	HACKENSACK	PCB	30.08	N/A	ritesh	Evelyn	10	E		6
Q2542-01	VNJ-245	PCB	30.02	N/A	ritesh	Evelyn	10	E		U3-1
Q2543-01	TP-41	PCB	30.04	N/A	ritesh	Evelyn	10	E		2
Q2543-02	TP-49	PCB	30.07	N/A	ritesh	Evelyn	10	E		3
Q2543-03	TP-23	PCB	30.03	N/A	ritesh	Evelyn	10	E		4
Q2543-04	TP-23-99	PCB	30.05	N/A	ritesh	Evelyn	10	E		5
Q2546-01	HD-02-7-9-2025	PCB	30.04	N/A	ritesh	Evelyn	10	C		6
Q2550-02	VNJ-203	PCB	30.02	N/A	ritesh	Evelyn	10	E		U6-1
Q2551-02	VNJ-204	PCB	30.05	N/A	ritesh	Evelyn	10	E		2



Rg
7/10

1687892
8:325

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2530 WorkList ID : 190627 Department : Extraction Date : 07-10-2025 08:27:02

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2537-01	TR-04-7-9-2025	Solid	PCB	Cool 4 deg C	PSEG03	O33	07/09/2025	8082A
Q2539-01	HACKENSACK	Solid	PCB	Cool 4 deg C	PSEG03	O32	07/09/2025	8082A
Q2542-01	VNJ-245	Solid	PCB	Cool 4 deg C	PSEG03	O32	07/09/2025	8082A
Q2543-01	TP-41	Solid	PCB	Cool 4 deg C	CAMP02	O42	07/08/2025	8082A
Q2543-02	TP-49	Solid	PCB	Cool 4 deg C	CAMP02	O42	07/09/2025	8082A
Q2543-03	TP-23	Solid	PCB	Cool 4 deg C	CAMP02	O42	07/09/2025	8082A
Q2543-04	TP-23-99	Solid	PCB	Cool 4 deg C	CAMP02	O42	07/09/2025	8082A
Q2546-01	HD-02-7-9-2025	Solid	PCB	Cool 4 deg C	PSEG05	O23	07/09/2025	8082A
Q2550-02	VNJ-203	Solid	PCB	Cool 4 deg C	PSEG03	O41	07/09/2025	8082A
Q2551-02	VNJ-204	Solid	PCB	Cool 4 deg C	PSEG03	O11	07/09/2025	8082A

Date/Time 07/10/25 8:30
Raw Sample Received by: RJ (EXT 667)
Raw Sample Relinquished by: CJ Sn

Date/Time 07/10/25 9:00
Raw Sample Received by: CJ Sn
Raw Sample Relinquished by: RJ (EXT 667)



SHIPPING DOCUMENTS

CLIENT INFORMATION

COMPANY: **CDM SMITH**
REPORT TO BE SENT TO:
ADDRESS: **110 FIELDCREST AVE #8 6TH FLOOR**
CITY: **EDISON** STATE: **NJ** ZIP: **08837**
ATTENTION: **MARCIE ENCINAS**
PHONE: **7325904679** FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: **SOUTH RIVER WMA REPLACEMENT**
PROJECT NO.: **302781** LOCATION: **SOUTH RIVER, NJ**
PROJECT MANAGER: **FELIPE CONTRERAS**
e-mail: **ENCINASMA@CDMSMITH.COM**
PHONE: **7325904679** FAX:

CLIENT BILLING INFORMATION

BILL TO: **CDM SMITH** PO#:
ADDRESS: **110 FIELDCREST AVE #8 6TH FLOOR**
CITY: **EDISON** STATE: **NJ** ZIP: **08837**
ATTENTION: **MARCIE ENCINAS** PHONE: **7325904679**

DATA TURNAROUND INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ 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) ☐ NYS ASP A ☐ NYS ASP B
+ Raw Data) ☐ Other _____
☐ EDD FORMAT _____

TCL VIX
TCL SVIX
PCB
METALS
PEST
DO/GKO
HERBICIDES

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	TP-41	5		X	7/8/25	1240	6	X	X	X	X	X	X	X			E
2.	TP-47	5		X	7/9/25	0755	6	X	X	X	X	X	X	X			E
3.	TP-23	5		X	7/9/25	0915	6	X	X	X	X	X	X	X			E
4.	TP-23-99	5		X	7/9/25	0920	6	X	X	X	X	X	X	X			E
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Conditions of bottles or coolers at receipt:	COMPLIANT	NON COMPLIANT	COOLER TEMP	3.7 °C
1. <i>[Signature]</i>	7/9/25/1102	<i>[Signature]</i>	Comments:				
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:					
2. <i>[Signature]</i>							
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:					
3. <i>[Signature]</i>	7-9-25						

Page ____ of CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete
☐ YES ☐ NO

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



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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2543 CAMP02 Order Date : 7/9/2025 12:26:00 PM Project Mgr : Level 2
Client Name : CDM Smith Project Name : South River WM Replacem Report Type : ~~Level 1~~
Client Contact : Marcie Ann Encinas Receive DateTime : 7/9/2025 2:00:00 PM EDD Type : EXCEL NOCLEANUP
Invoice Name : CDM Smith Purchase Order : 13030 Hard Copy Date :
Invoice Contact : Marcie Ann Encinas Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2543-01	TP-41	Solid	07/08/2025	12:40	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2543-02	TP-49	Solid	07/09/2025	07:55	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2543-03	TP-23	Solid	07/09/2025	09:15	VOC-TCLVOA-10		8260D	10 Bus. Days	
Q2543-04	TP-23-99	Solid	07/09/2025	09:20	VOC-TCLVOA-10		8260D	10 Bus. Days	

DP 07/11/2025

Relinquished By :

Date / Time :

7-9-25 1400

Received By :

Date / Time :

07/09/25 14:00

Storage Area : VOA Refridgerator Room

Ag #6
I22