

Cover Page

Order ID : Q3032

Project ID : 3 Coal Ave., Morristown, NJ

Client : Zuccaro Inc.

Lab Sample Number

Q3032-01
Q3032-02
Q3032-03
Q3032-04
Q3032-05
Q3032-06

Client Sample Number

SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-1
SOIL-PILE-2
SOIL-PILE-2
SOIL-PILE-2

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: 9/10/2025

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 #: Q3032

Completed

For thorough review, the report must have the following:

GENERAL:

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

✓

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

✓

Is the chain of custody signed and complete

✓

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

✓

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

✓

COVER PAGE:

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

✓

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

✓

CHAIN OF CUSTODY:

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

✓

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

✓

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

✓

Were the samples received within hold time

✓

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

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: MAHESH PATEL

Date: 09/10/2025

LAB CHRONICLE

OrderID:	Q3032	OrderDate:	9/5/2025 12:41:17 PM
Client:	Zuccaro Inc.	Project:	3 Coal Ave., Morristown, NJ
Contact:	Sal Zuccaro	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3032-01	SOIL-PILE-1	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25
Q3032-04	SOIL-PILE-2	SOIL	PCB	8082A	09/05/25	09/08/25	09/08/25	09/05/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3032

Order ID: Q3032

Client: Zuccaro Inc.

Project ID: 3 Coal Ave., Morristown, NJ

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.: **Q3032**

Client: **Zuccaro Inc.**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP074490.D	PIBLK-PP074490.D	Tetrachloro-m-xyl	1	20	17.8	89		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.2	91		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	15.7	78		70 (60)	130 (140)
		Decachlorobiphen	2	20	16.9	85		70 (60)	130 (140)
I.BLK-PP074953.D	PIBLK-PP074953.D	Tetrachloro-m-xyl	1	20	19.0	95		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.4	97		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.9	84		70 (60)	130 (140)
		Decachlorobiphen	2	20	15.6	78		70 (60)	130 (140)
PB169591BL	PB169591BL	Tetrachloro-m-xyl	1	20	21.9	110		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.5	113		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	21.5	107		30 (32)	150 (144)
		Decachlorobiphen	2	20	18.0	90		30 (32)	150 (175)
PB169591BS	PB169591BS	Tetrachloro-m-xyl	1	20	22.4	112		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.4	112		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	19.7	98		30 (32)	150 (144)
		Decachlorobiphen	2	20	17.8	89		30 (32)	150 (175)
Q3032-01	SOIL-PILE-1	Tetrachloro-m-xyl	1	20	20.4	102		30 (32)	150 (144)
		Decachlorobiphen	1	20	17.6	88		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	18.1	91		30 (32)	150 (144)
		Decachlorobiphen	2	20	13.3	66		30 (32)	150 (175)
Q3032-04	SOIL-PILE-2	Tetrachloro-m-xyl	1	20	19.4	97		30 (32)	150 (144)
		Decachlorobiphen	1	20	12.8	64		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	18.9	95		30 (32)	150 (144)
		Decachlorobiphen	2	20	10.4	52		30 (32)	150 (175)
Q3032-04MS	SOIL-PILE-2MS	Tetrachloro-m-xyl	1	20	21.4	107		30 (32)	150 (144)
		Decachlorobiphen	1	20	14.8	74		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	21.3	107		30 (32)	150 (144)
		Decachlorobiphen	2	20	11.2	56		30 (32)	150 (175)
Q3032-04MSD	SOIL-PILE-2MSD	Tetrachloro-m-xyl	1	20	18.7	94		30 (32)	150 (144)
		Decachlorobiphen	1	20	12.6	63		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	17.6	88		30 (32)	150 (144)
		Decachlorobiphen	2	20	10.8	54		30 (32)	150 (175)
I.BLK-PP074967.D	PIBLK-PP074967.D	Tetrachloro-m-xyl	1	20	19.1	96		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.6	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	17.3	86		70 (60)	130 (140)
		Decachlorobiphen	2	20	15.0	75		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PP074959.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-04MS	Client Sample ID:		SOIL-PILE-2MS							
(Column 1)											
AR1016	200.1	0	237	ug/kg	118				40 (55)	140 (146)	
AR1260	200.1	0	152	ug/kg	76				40 (54)	140 (119)	
Lab Sample ID:	Q3032-04MS	Client Sample ID:		SOIL-PILE-2MS							
(Column 2)											
AR1016	200.1	0	266	ug/kg	133				40 (55)	140 (146)	
AR1260	200.1	0	110	ug/kg	55				40 (54)	140 (119)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Zuccaro Inc.</u>	DataFile :	<u>PP074960.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec		RPD		Limits	
			Result	Result			Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3032-04MSD (Column 1)	Client Sample ID:	SOIL-PILE-2MSD									
	AR1016	199.9	0	238	ug/kg	119		1		40 (55)	140 (146)	30 (15)
	AR1260	199.9	0	143	ug/kg	72		5		40 (54)	140 (119)	30 (15)
Lab Sample ID:	Q3032-04MSD (Column 2)	Client Sample ID:	SOIL-PILE-2MSD									
	AR1016	199.9	0	301	ug/kg	151		13		40 (55)	140 (146)	30 (15)
	AR1260	199.9	0	114	ug/kg	57		4		40 (54)	140 (119)	30 (15)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3032</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Zuccaro Inc.</u>	Datafile :	<u>PP074955.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169591BS (Column 1)	AR1016	166.5	165	ug/kg	99				40 (71)	140 (120)	
	AR1260	166.5	152	ug/kg	91				40 (65)	140 (130)	
PB169591BS (Column 2)	AR1016	166.5	148	ug/kg	89				40 (71)	140 (120)	
	AR1260	166.5	141	ug/kg	85				40 (65)	140 (130)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169591BL

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169591BL

Lab File ID: PP074954.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 09/08/2025

Date Analyzed (1): 09/08/2025

Date Analyzed (2): 09/08/2025

Time Analyzed (1): 13:16

Time Analyzed (2): 13:16

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
PB169591BS	PB169591BS	PP074955.D	09/08/2025	09/08/2025
SOIL-PILE-1	Q3032-01	PP074957.D	09/08/2025	09/08/2025
SOIL-PILE-2	Q3032-04	PP074958.D	09/08/2025	09/08/2025
SOIL-PILE-2MS	Q3032-04MS	PP074959.D	09/08/2025	09/08/2025
SOIL-PILE-2MSD	Q3032-04MSD	PP074960.D	09/08/2025	09/08/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-1	SDG No.:	Q3032
Lab Sample ID:	Q3032-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.1
Sample Wt/Vol:	30.03	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
PP074957.D	1	09/08/25 09:00	09/08/25 14:04	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	20.4		30 (32) - 150 (144)	102%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.6		30 (32) - 150 (175)	88%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 14:04
Operator : YP\AJ
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:06:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.798	25019158	87779205	20.446	18.153
2) SA Decachlor...	10.427	8.805	17411146	99343049	17.631	13.247

Target Compounds

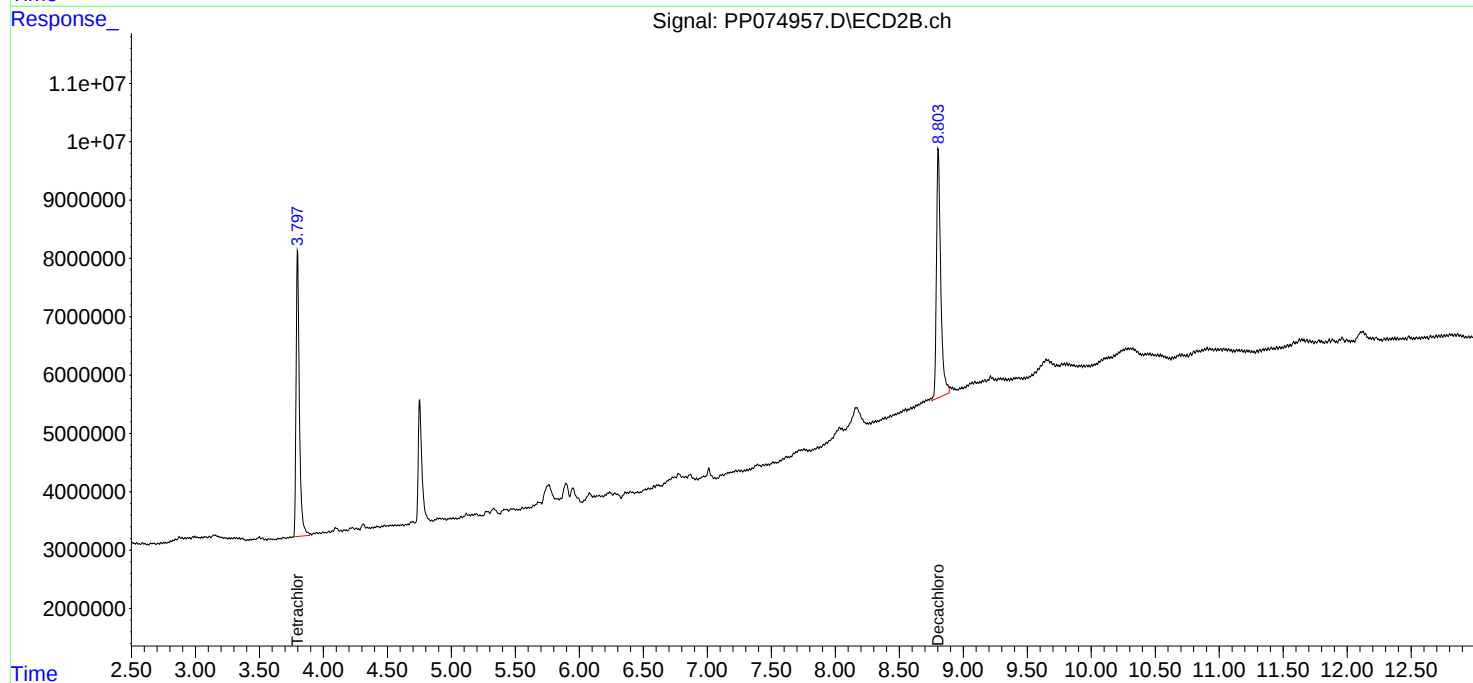
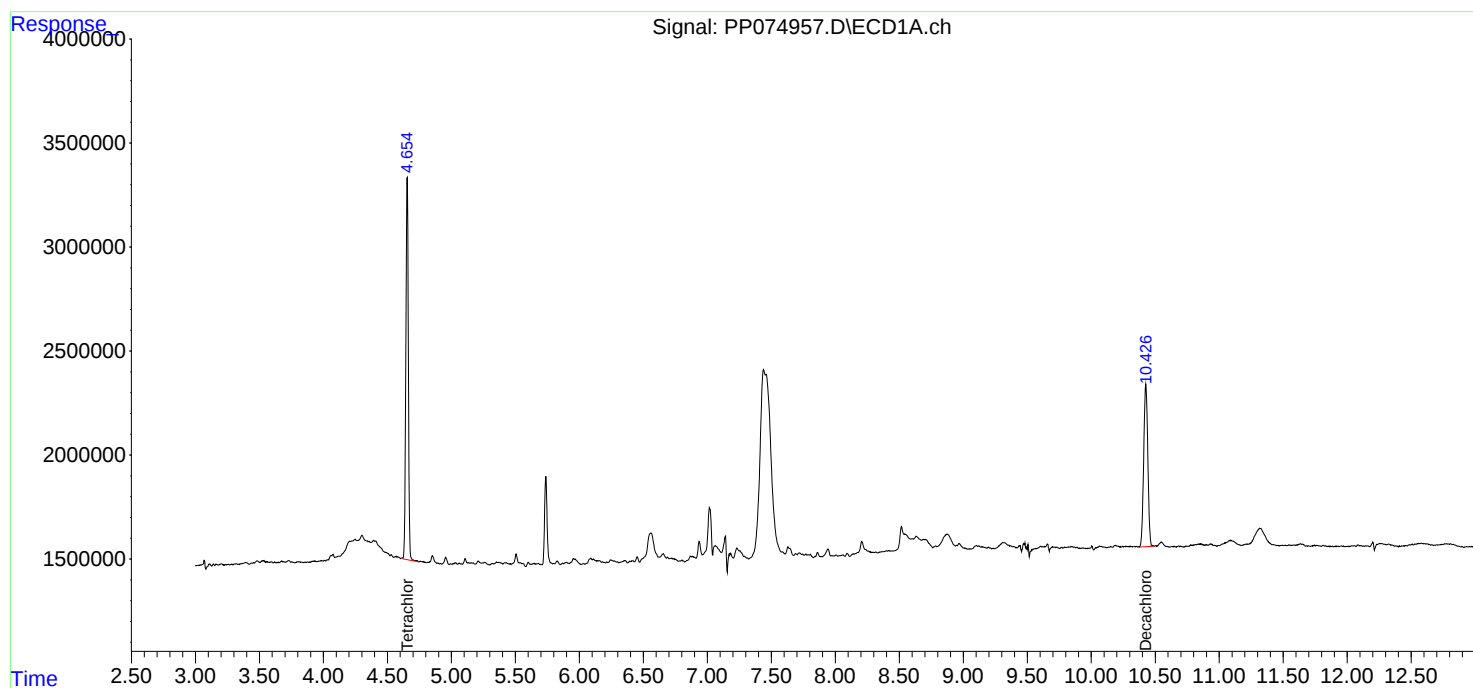
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

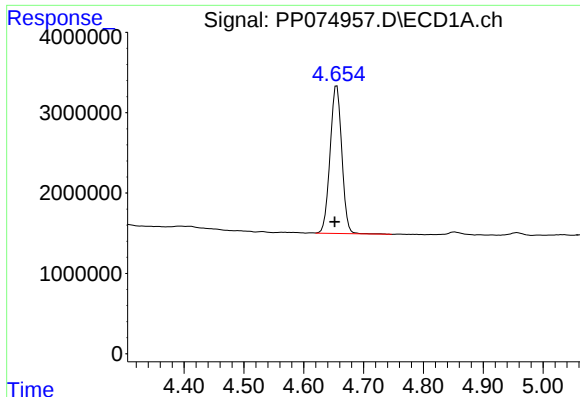
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074957.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 14:04
Operator : YP\AJ
Sample : Q3032-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-1

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:06:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

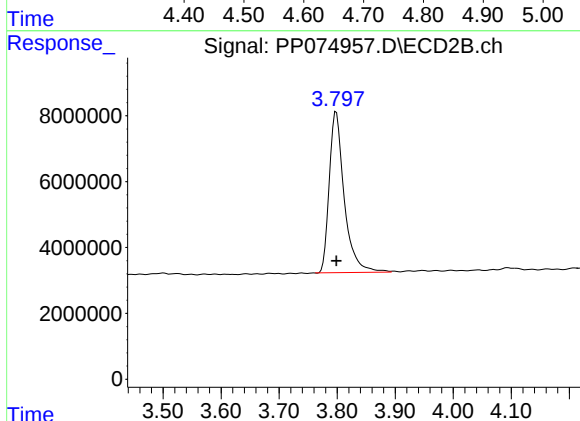




#1 Tetrachloro-m-xylene

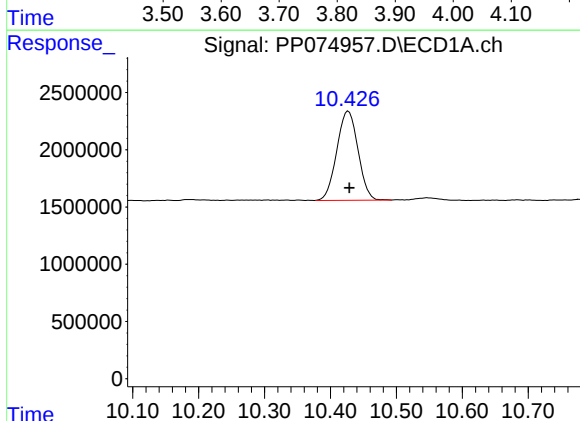
R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 25019158
Conc: 20.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-1



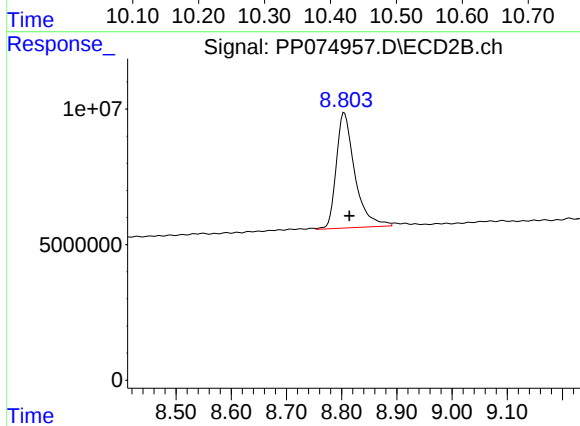
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 87779205
Conc: 18.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.001 min
Response: 17411146
Conc: 17.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: -0.009 min
Response: 99343049
Conc: 13.25 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2	SDG No.:	Q3032
Lab Sample ID:	Q3032-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
Sample Wt/Vol:	30.08	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
PP074958.D	1	09/08/25 09:00	09/08/25 14:21	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	4.70	U	4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	3.90	U	3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	19.4		30 (32) - 150 (144)	97%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.8		30 (32) - 150 (175)	64%	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\PP090825\
 Data File : PP074958.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 14:21
 Operator : YP\AJ
 Sample : Q3032-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 SOIL-PILE-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 06:06:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.799	23805452	91626488	19.454	18.949
2) SA Decachlor...	10.430	8.806	12680295	77739611	12.841	10.366

Target Compounds

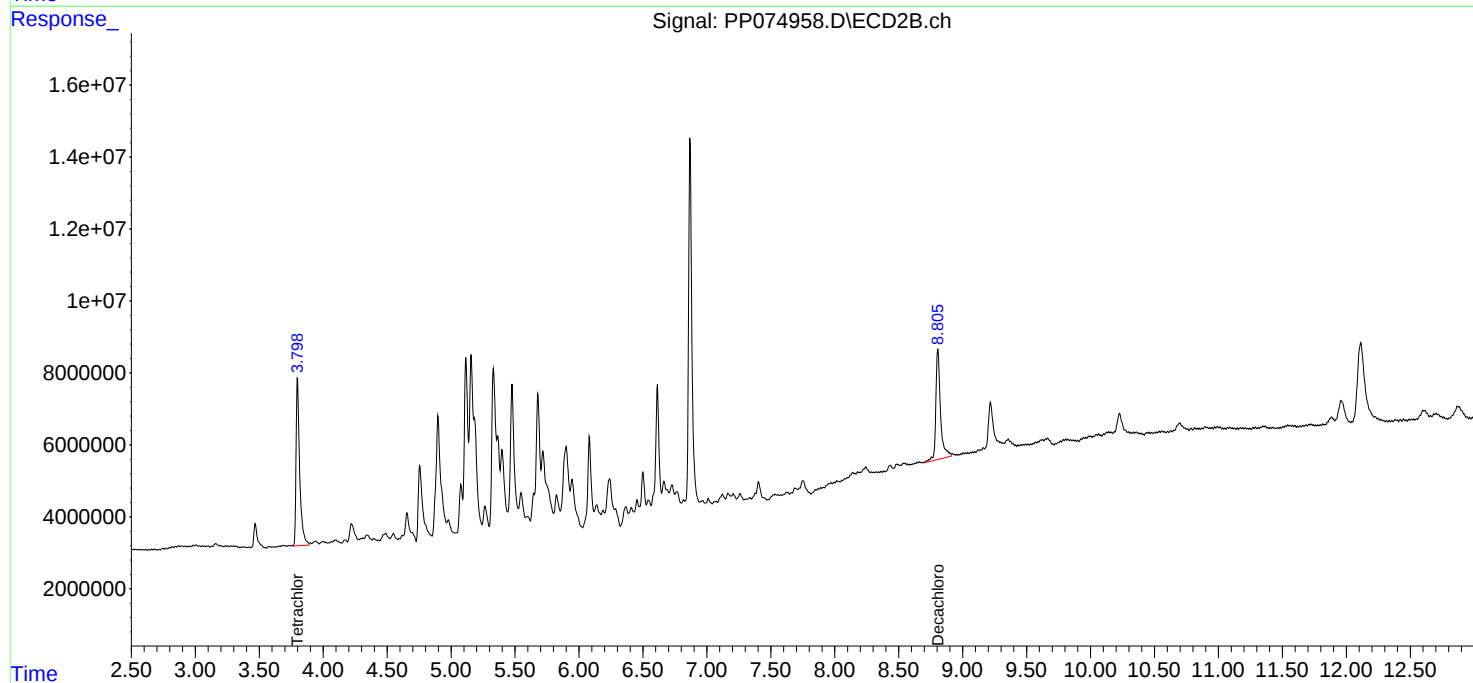
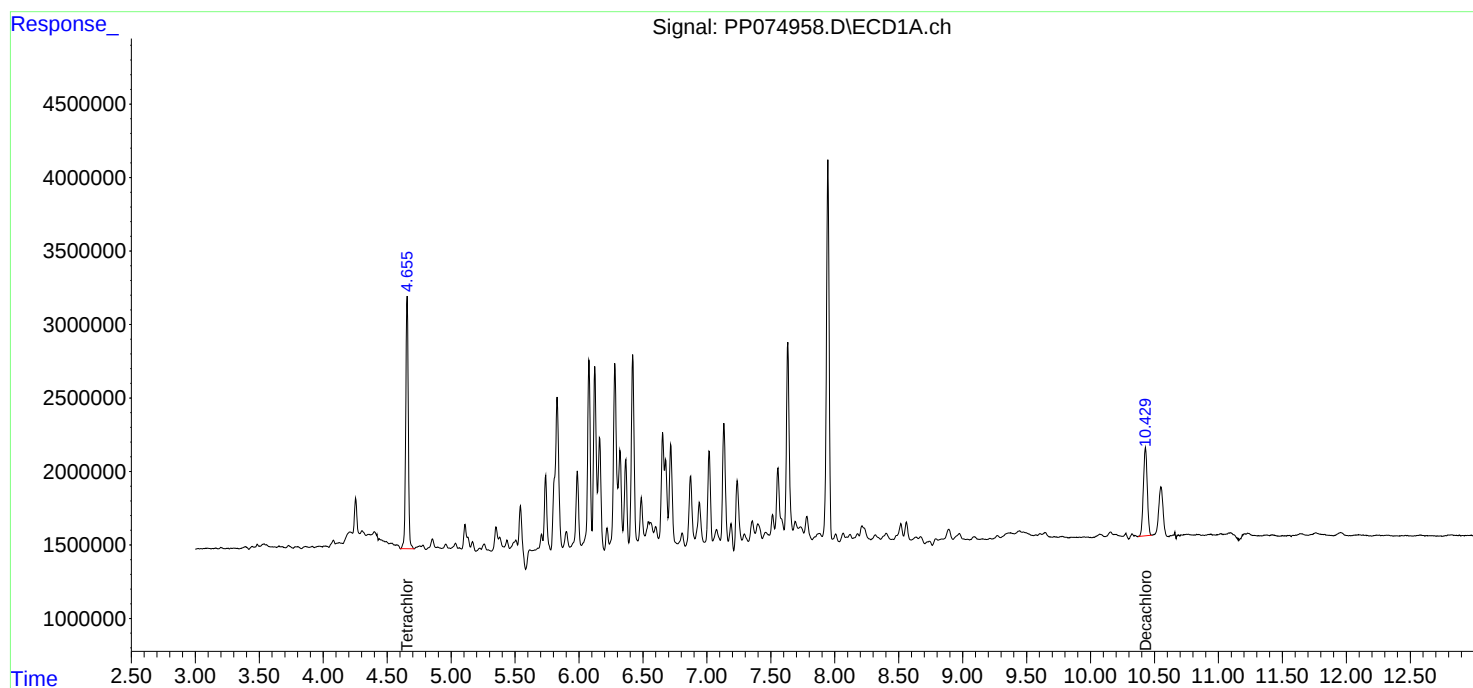
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

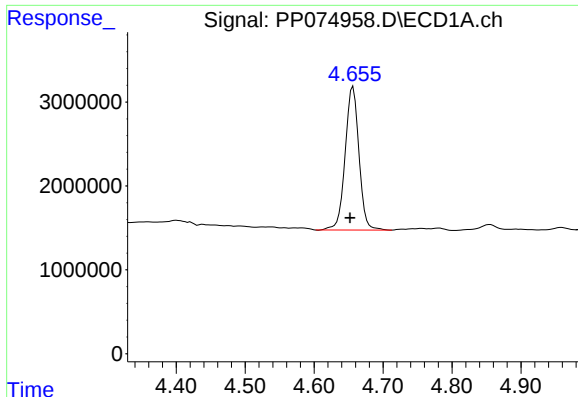
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074958.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 14:21
Operator : YP\AJ
Sample : Q3032-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:06:14 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

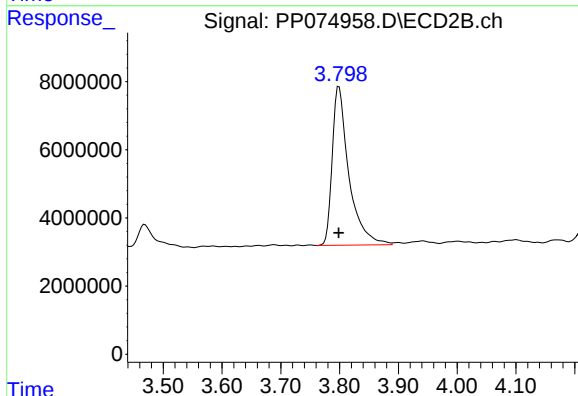




#1 Tetrachloro-m-xylene

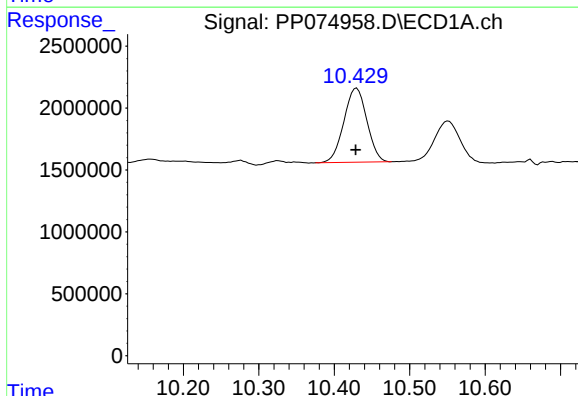
R.T.: 4.657 min
Delta R.T.: 0.005 min
Response: 23805452
Conc: 19.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2



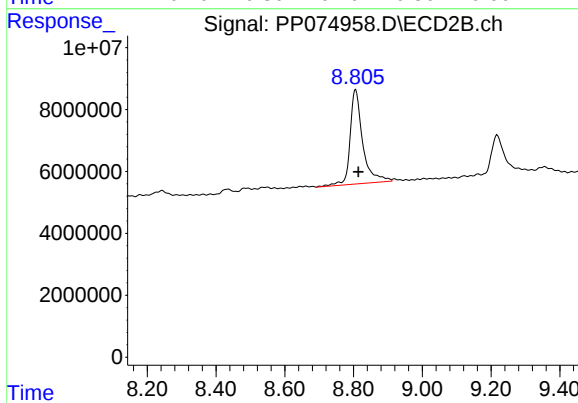
#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: 0.000 min
Response: 91626488
Conc: 18.95 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.002 min
Response: 12680295
Conc: 12.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 77739611
Conc: 10.37 ng/ml



CALIBRATION SUMMARY

Calibration Times: 10:02 17:36

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D
RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

[illegible]

[illegible]

Calibration Times: 10:02 17:36

LAB FILE ID: RT 1000 = PP074491.D RT 750 = PP074492.D
RT 500 = PP074493.D RT 250 = PP074494.D RT 050 = PP074495.D

[illegible]

[illegible]

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID:		CF 1000 = <u>PP074491.D</u>		CF 750 = <u>PP074492.D</u>			
CF 500 = <u>PP074493.D</u>		CF 250 = <u>PP074494.D</u>		CF 050 = <u>PP074495.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	37260672	39165227	41840274	46667524	55510560	44088851
Aroclor-1016-2	(2)	55294208	58678316	63208216	69200552	67826880	62841634
Aroclor-1016-3	(3)	37159554	39829409	42380342	50420568	54779780	44913931
Aroclor-1016-4	(4)	30238509	32061391	34848388	39362172	39398600	35181812
Aroclor-1016-5	(5)	29225854	30645948	33029644	36469124	36559780	33186070
Aroclor-1260-1	(1)	48563391	51183833	55342410	61530012	72427960	57809521
Aroclor-1260-2	(2)	57520052	60697599	66234840	73517872	86617000	68917473
Aroclor-1260-3	(3)	45466412	48231029	50486582	57234216	58008180	51885284
Aroclor-1260-4	(4)	53945139	57153024	61763720	67649864	78452080	63792765
Aroclor-1260-5	(5)	98135607	102882747	108313414	117775440	139953440	113412130
Decachlorobiphenyl		866337170	921955053	988573200	1058849640	1101835800	987510173
Tetrachloro-m-xylene		1100953570	1143235467	1200713680	1268558320	1404991400	1223690487
Aroclor-1242-1	(1)	33534775	35196259	38660790	41241740	42742440	38275201
Aroclor-1242-2	(2)	50582395	52453757	57915216	62104248	59354260	56481975
Aroclor-1242-3	(3)	33349694	35414635	39970066	43883972	50396180	40602909
Aroclor-1242-4	(4)	27192200	28632309	31894696	35816444	35173600	31741850
Aroclor-1242-5	(5)	29731727	30733847	34626980	38850892	46409580	36070605
Decachlorobiphenyl		942571090	998560827	1090308640	1132992280	1083717600	1049630087
Tetrachloro-m-xylene		1101623960	1151320933	1235361060	1272027120	1278388200	1207744255
Aroclor-1248-1	(1)	26825393	28405716	30845872	34074380	30968720	30224016
Aroclor-1248-2	(2)	37601198	39897476	43211686	48783724	45986180	43096053
Aroclor-1248-3	(3)	41457218	43776155	46817460	51955424	49511780	46703607
Aroclor-1248-4	(4)	47576379	50895647	54418430	60667104	61446460	55000804
Aroclor-1248-5	(5)	47007884	50058825	54098864	61916308	64270400	55470456
Decachlorobiphenyl		950993890	1009223920	1071012460	1167985200	1057373600	1051317814
Tetrachloro-m-xylene		1100991950	1146778960	1200566400	1276972480	1211462000	1187354358
Aroclor-1254-1	(1)	48507797	53598960	57022412	63560864	68657180	58269443
Aroclor-1254-2	(2)	68997007	73735961	79493314	88136784	97716940	81616001
Aroclor-1254-3	(3)	75433146	80269064	85469286	94710248	110150500	89206449
Aroclor-1254-4	(4)	56817907	60256557	64375914	71178004	76939600	65913596
Aroclor-1254-5	(5)	71518563	76344344	81241680	89300320	97020080	83084997
Decachlorobiphenyl		955810170	985159667	1046715980	1146118200	1185105200	1063781843
Tetrachloro-m-xylene		1074895520	1124737840	1186244600	1279770240	1364835400	1206096720
Aroclor-1268-1	(1)	145382221	149256528	159799060	175238264	180520060	162039227



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	135128903	138304824	147968774	161072492	151211120	146737223	7
Aroclor-1268-3	(3)	112837949	115383373	124401538	134921752	130382340	123585390	8
Aroclor-1268-4	(4)	60062429	62288615	69185966	72327472	72450180	67262932	9
Aroclor-1268-5	(5)	347935374	352387180	372266714	396976848	381293520	370171927	6
Decachlorobiphenyl		1643122860	1684754733	1816495060	1968851320	1846466800	1791938155	7
Tetrachloro-m-xylene		1139511630	1162795853	1215559280	1293072360	1185938800	1199375585	5



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ZUCC01
SDG NO.: Q3032

Calibration Date(s): 08/19/2025 08/19/2025
Calibration Times: 10:02 17:36

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

LAB FILE ID:											
CF 1000 =		PP074491.D		CF 750 =		PP074492.D					
CF 500 =		PP074493.D		CF 250 =		PP074494.D		CF 050 =		PP074495.D	
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD			
Aroclor-1016-1	(1)	496657182	503720793	523846228	513002896	509541900	509353800	2			
Aroclor-1016-2	(2)	239168801	238546505	246638078	251142512	214580920	238015363	6			
Aroclor-1016-3	(3)	133036564	130124845	144330606	141427600	140598400	137903603	4			
Aroclor-1016-4	(4)	133477489	138002388	140534852	142183668	144817800	139803239	3			
Aroclor-1016-5	(5)	154126731	152599703	155237916	163343428	205109040	166083364	13			
Aroclor-1260-1	(1)	363284667	378829761	386185190	382321000	365496040	375223332	3			
Aroclor-1260-2	(2)	523788027	519029669	530795266	515617580	554844180	528814944	3			
Aroclor-1260-3	(3)	397906310	403814531	425344812	411965640	525972600	433000779	12			
Aroclor-1260-4	(4)	386647802	396528909	406788188	382587548	334816920	381473873	7			
Aroclor-1260-5	(5)	1072036571	1049469899	1040494106	1005914236	854489880	1004480938	9			
Decachlorobiphenyl		7534332740	7444555573	7912532780	7690082000	6914466800	7499193979	5			
Tetrachloro-m-xylene		5208096140	5362153787	4998687000	4783674480	3824485800	4835419441	13			
Aroclor-1242-1	(1)	426248141	431977179	439434088	427078864	384025660	421752786	5			
Aroclor-1242-2	(2)	202991737	207389804	208837132	204363608	177830640	200282584	6			
Aroclor-1242-3	(3)	114667914	119000831	118474420	125754936	113593040	118298228	4			
Aroclor-1242-4	(4)	162797331	159395943	169924744	169924792	193754480	171159458	8			
Aroclor-1242-5	(5)	176244820	193149587	194953880	198727516	162744820	185164125	8			
Decachlorobiphenyl		7439485810	7647320840	7750380960	7387148800	6696994000	7384266082	6			
Tetrachloro-m-xylene		5552255470	5495660120	5265795020	4718643160	3344536200	4875377994	19			
Aroclor-1248-1	(1)	276787529	272989900	294110190	287515664	249311100	276142877	6			
Aroclor-1248-2	(2)	170428062	176978340	184167818	188684076	163519180	176755495	6			
Aroclor-1248-3	(3)	216883105	236968729	226037212	232782684	223345400	227203426	3			
Aroclor-1248-4	(4)	216013976	222165432	229596264	221937152	200392380	218021041	5			
Aroclor-1248-5	(5)	365899980	378186867	386596360	393195048	312731540	367321959	9			
Decachlorobiphenyl		7362170440	7623348680	7832285760	7830414120	6177033600	7365050520	9			
Tetrachloro-m-xylene		4921775200	5272375827	4922615420	4754396920	3067777000	4587788073	19			
Aroclor-1254-1	(1)	450774429	460491156	493889042	479687392	498710100	476710424	4			
Aroclor-1254-2	(2)	327603431	350278748	349528710	357585716	375666820	352132685	5			
Aroclor-1254-3	(3)	632195702	651991325	663558136	626254444	525027180	619805357	9			
Aroclor-1254-4	(4)	465715221	475856425	494623526	472743392	434193620	468626437	5			
Aroclor-1254-5	(5)	494049062	518095117	499208524	513687428	427465960	490501218	7			
Decachlorobiphenyl		7570292860	7622860640	7575883760	7671178000	7261560400	7540355132	2			
Tetrachloro-m-xylene		5083198010	4906330680	4979033200	4619762640	3271378000	4571940506	16			
Aroclor-1268-1	(1)	1582015639	1422598329	1546826516	1453362868	1047671520	1410494974	15			



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1588231016	1429840941	1442651986	1413308564	943104640	1363427429	18
Aroclor-1268-3	(3)	1131064358	1100247001	1123773528	1077394544	783689900	1043233866	14
Aroclor-1268-4	(4)	433982459	417630531	415097948	393627672	255142820	383096286	19
Aroclor-1268-5	(5)	3414138804	3322863425	3420880908	3301062668	2221751820	3136139525	16
Decachlorobiphenyl		14390930480	14121362587	14413340360	14318679160	10749496600	13598761837	12
Tetrachloro-m-xylene		5211020900	5014233547	4937082600	4815562400	3041581600	4603896209	19



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.85	4.75	4.95	17592800
		2	4.94	4.84	5.04	13357200
		3	5.02	4.92	5.12	37912800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	30374000
		2	5.54	5.44	5.64	15758200
		3	5.83	5.73	5.93	30543600
		4	5.99	5.89	6.09	17269300
		5	6.08	5.98	6.18	12981000
Aroclor-1262	500	1	8.24	8.14	8.34	77016000
		2	8.57	8.47	8.67	132381000
		3	8.89	8.79	8.99	97212400
		4	8.98	8.88	9.08	75330400
		5	9.65	9.55	9.75	60956200



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
Instrument ID: ECD_P **Date(s) Analyzed:** 08/19/2025 08/19/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.01	3.91	4.11	61867400
		2	4.10	4.00	4.20	45212000
		3	4.17	4.07	4.27	164294000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	128095000
		2	4.90	4.80	5.00	231794000
		3	5.08	4.98	5.18	60059800
		4	5.16	5.06	5.26	73707400
		5	5.33	5.23	5.43	62083800
Aroclor-1262	500	1	6.92	6.82	7.02	707260000
		2	7.18	7.08	7.28	520714000
		3	7.70	7.60	7.80	466296000
		4	7.76	7.66	7.86	821860000
		5	8.26	8.16	8.36	358310000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074491.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 10:02
 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: Aug 19 11:06:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 10:53:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.652	3.799	110.1E6	520.8E6	95.666	102.052
2) SA Decachlor...	10.428	8.814	86633717	753.4E6	93.410	97.552
Target Compounds						
3) L1 AR-1016-1	5.803	4.897	37260672	496.7E6	942.104	973.357
4) L1 AR-1016-2	5.824	4.956	55294208	239.2E6	933.216	984.625
5) L1 AR-1016-3	5.887	5.075	37159554	133.0E6	934.363	959.281
6) L1 AR-1016-4	5.984	5.116	30238509	133.5E6	929.173	974.244
7) L1 AR-1016-5	6.276	5.330	29225854	154.1E6	938.900	996.408
31) L7 AR-1260-1	7.393	6.360	48563391	363.3E6	934.758	969.444
32) L7 AR-1260-2	7.646	6.547	57520052	523.8E6	929.580	993.355
33) L7 AR-1260-3	8.005	6.702	45466412	397.9E6	947.681	966.671
34) L7 AR-1260-4	8.232	7.171	53945139	386.6E6	932.429	974.616
35) L7 AR-1260-5	8.558	7.410	98135607	1072.0E6	950.701	1014.931

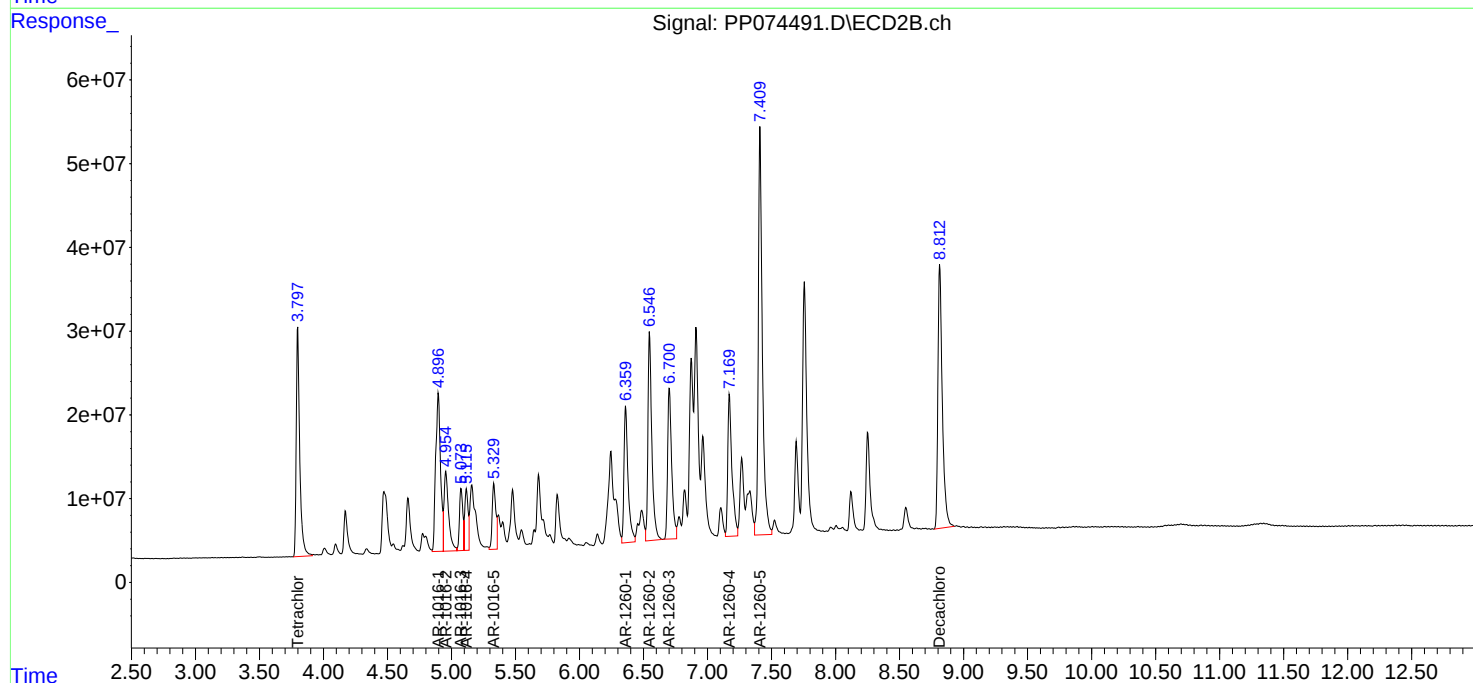
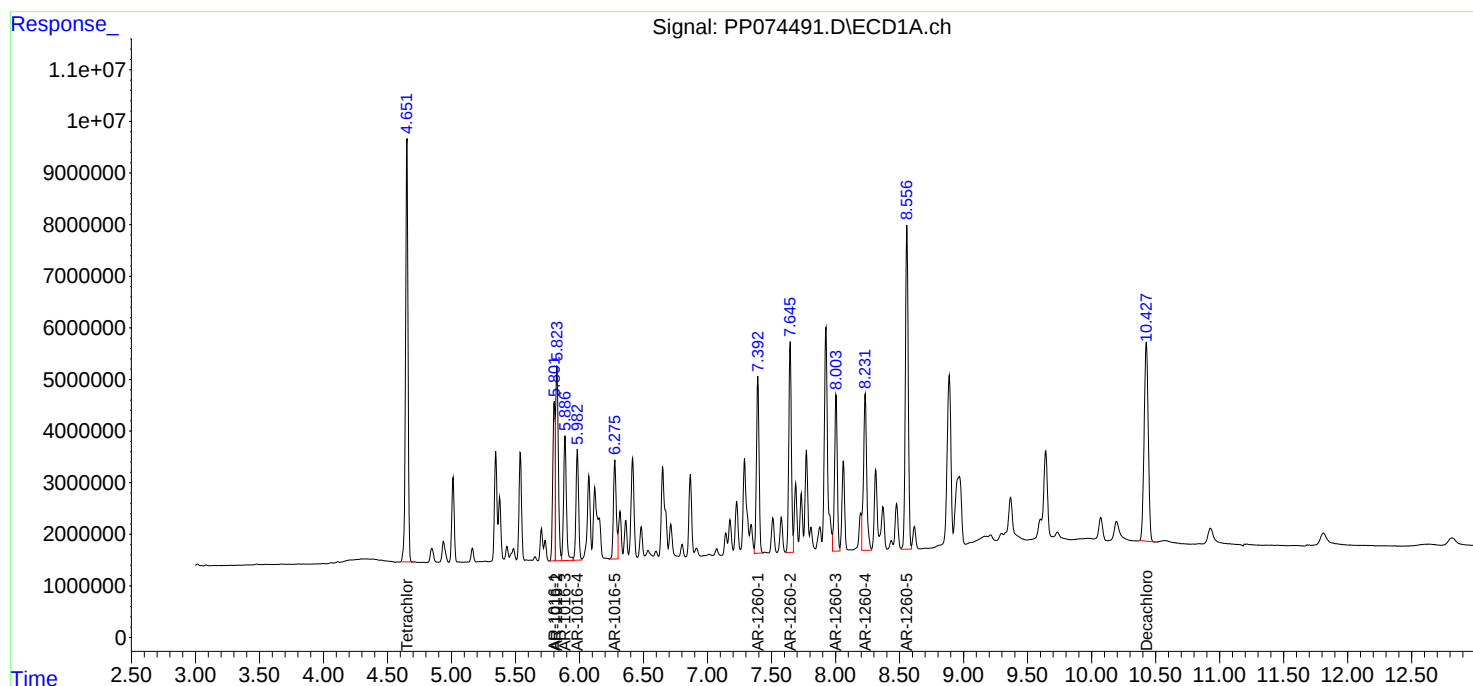
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074491.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:02
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: Aug 19 11:06:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074492.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 10:18
 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: Aug 19 11:09:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 10:53:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.657	3.801	85742660	402.2E6	74.669	77.493
2)	SA Decachlor...	10.436	8.818	69146629	558.3E6	74.703	73.173
Target Compounds							
3)	L1 AR-1016-1	5.809	4.901	29373920	377.8E6	745.114	743.573
4)	L1 AR-1016-2	5.830	4.960	44008737	178.9E6	745.150	740.978
5)	L1 AR-1016-3	5.893	5.080	29872057	97593634	750.747	718.495
6)	L1 AR-1016-4	5.990	5.119	24046043	103.5E6	742.557	753.627
7)	L1 AR-1016-5	6.283	5.334	22984461	114.4E6	742.221	743.238
31)	L7 AR-1260-1	7.400	6.364	38387875	284.1E6	742.562	755.444
32)	L7 AR-1260-2	7.653	6.550	45523199	389.3E6	740.405	742.125
33)	L7 AR-1260-3	8.011	6.705	36173272	302.9E6	752.648	740.452
34)	L7 AR-1260-4	8.239	7.174	42864768	297.4E6	743.914	749.762
35)	L7 AR-1260-5	8.564	7.414	77162060	787.1E6	748.343	746.776

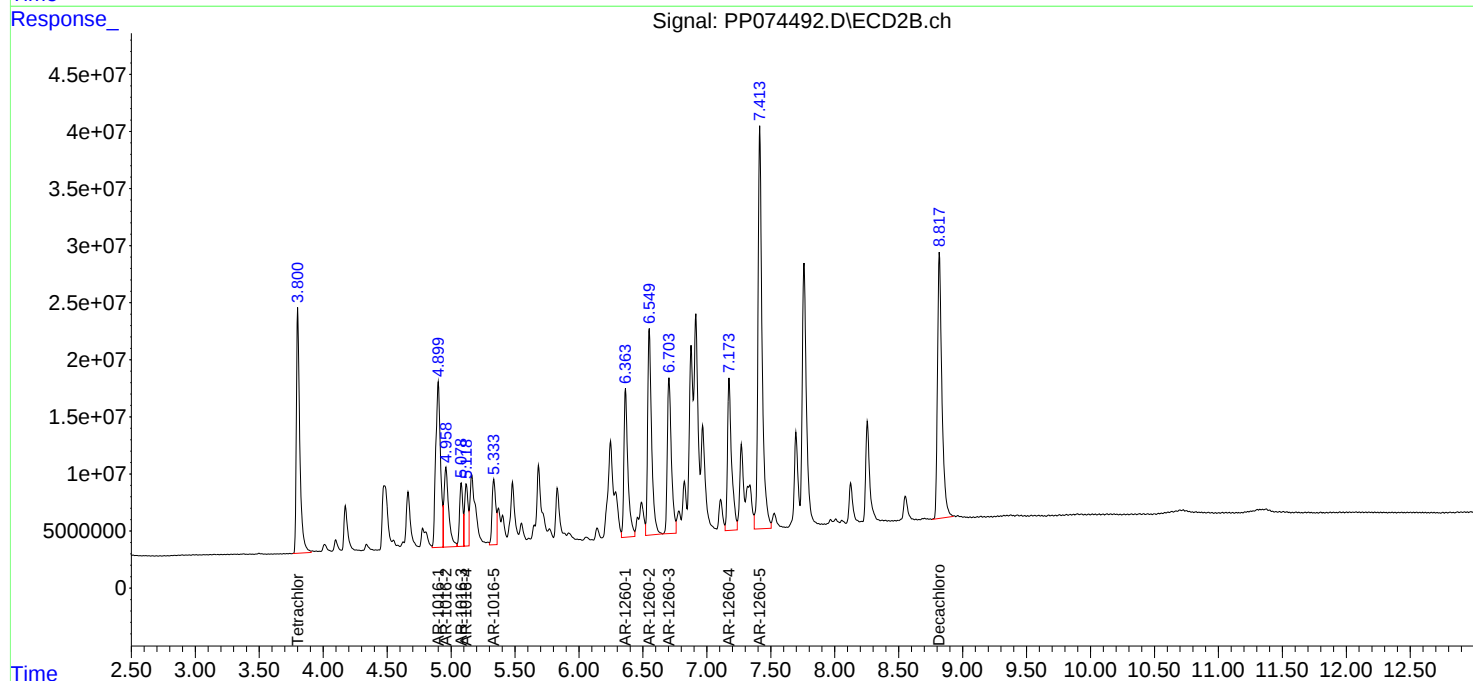
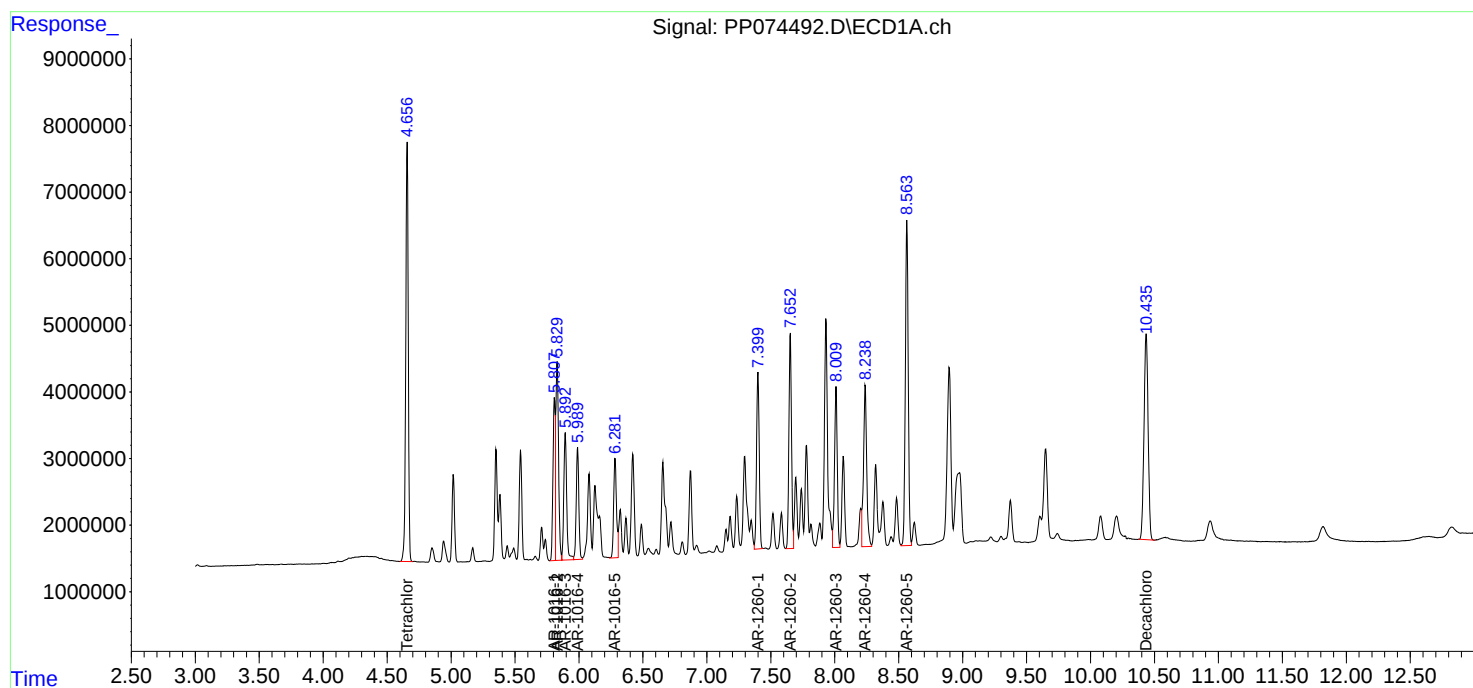
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074492.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:18
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: Aug 19 11:09:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074493.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 10:34
 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: Aug 19 11:02:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 10:53:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.654	3.799	60035684	249.9E6	50.000	50.000
2) SA Decachlor...	10.433	8.815	49428660	395.6E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.806	4.899	20920137	261.9E6	500.000	500.000
4) L1 AR-1016-2	5.827	4.955	31604108	123.3E6	500.000	500.000
5) L1 AR-1016-3	5.890	5.076	21190171	72165303	500.000	500.000
6) L1 AR-1016-4	5.988	5.117	17424194	70267426	500.000	500.000
7) L1 AR-1016-5	6.280	5.331	16514822	77618958	500.000	500.000
31) L7 AR-1260-1	7.397	6.361	27671205	193.1E6	500.000	500.000
32) L7 AR-1260-2	7.650	6.548	33117420	265.4E6	500.000	500.000
33) L7 AR-1260-3	8.008	6.702	25243291	212.7E6	500.000	500.000
34) L7 AR-1260-4	8.236	7.172	30881860	203.4E6	500.000	500.000
35) L7 AR-1260-5	8.562	7.411	54156707	520.2E6	500.000	500.000

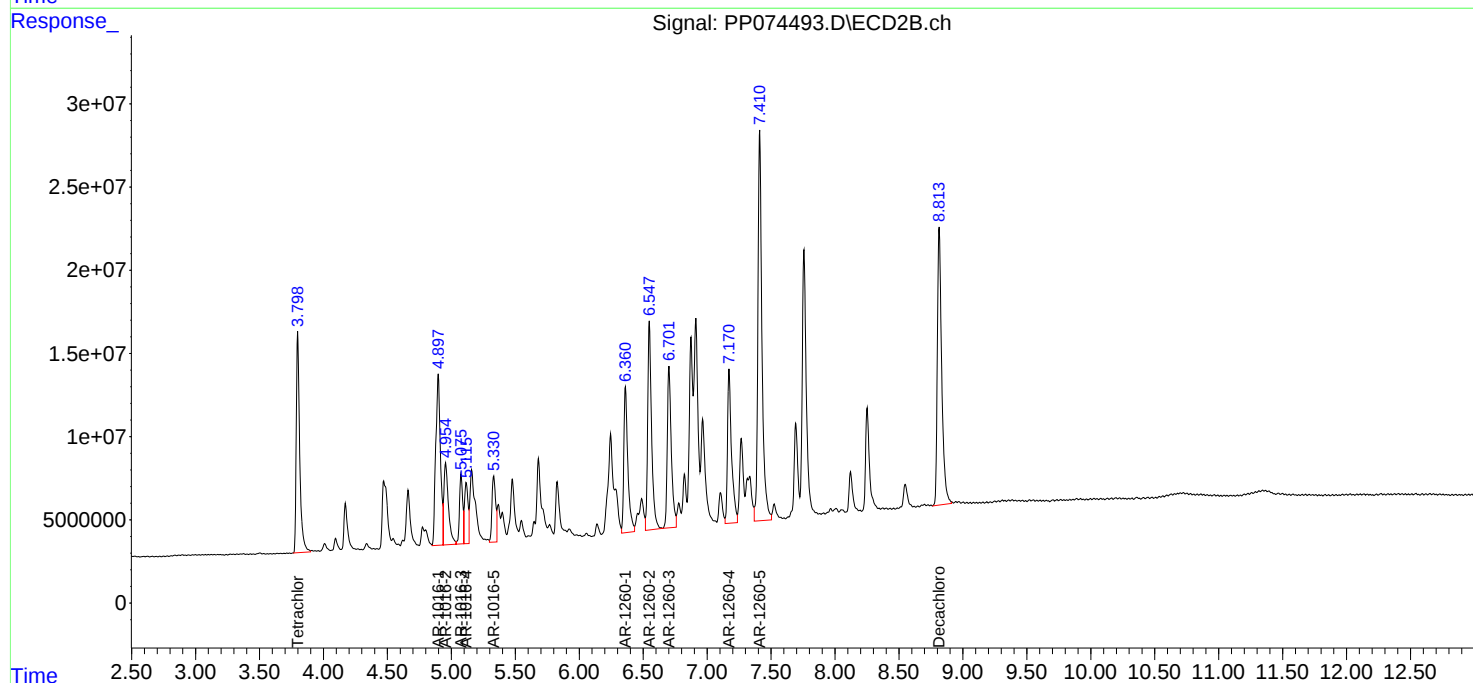
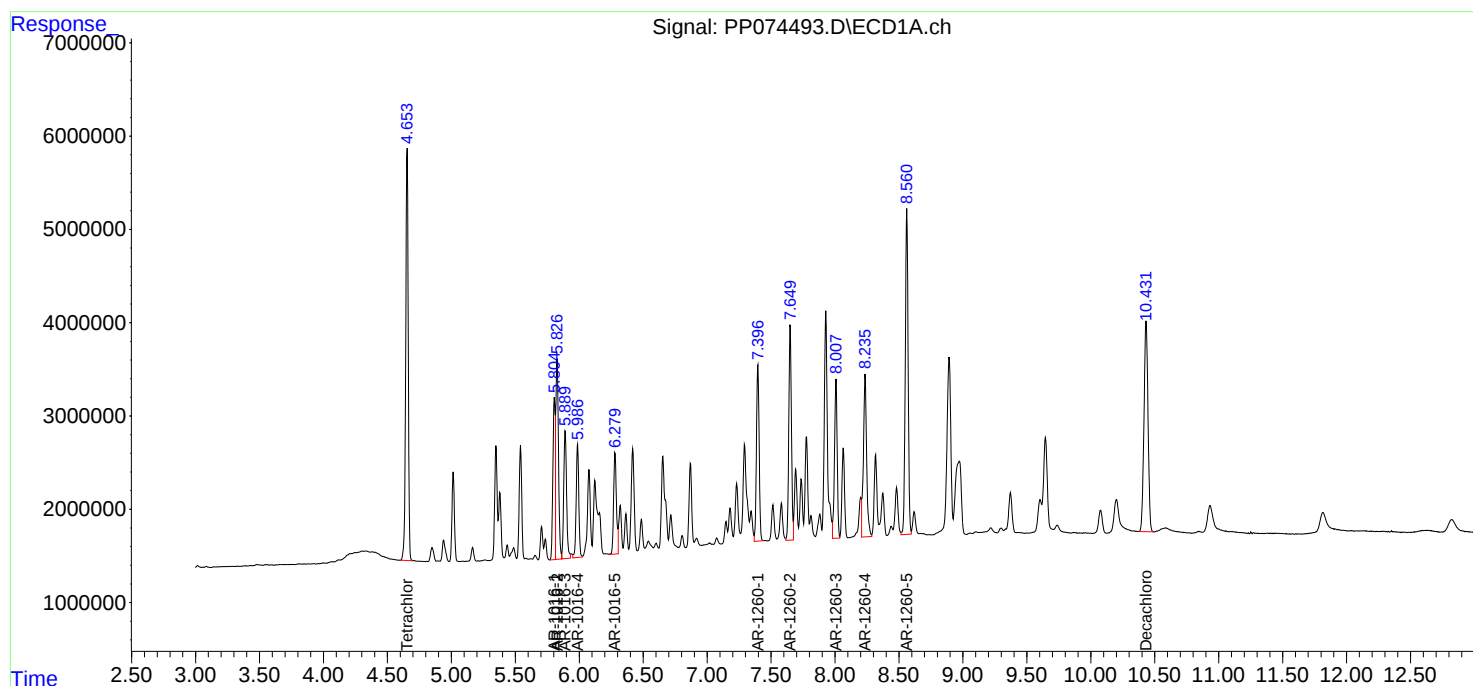
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074493.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:34
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: Aug 19 11:02:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074494.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 10:51
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 11:19:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 10:53:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.799	31713958	119.6E6	26.914	23.504
2) SA Decachlor...	10.434	8.814	26471241	192.3E6	27.605	25.146
Target Compounds						
3) L1 AR-1016-1	5.807	4.898	11666881	128.3E6	282.947	251.814
4) L1 AR-1016-2	5.828	4.955	17300138	62785628	280.868	257.451
5) L1 AR-1016-3	5.891	5.076	12605142	35356900	296.959	257.647
6) L1 AR-1016-4	5.988	5.117	9840543	35545917	288.345	256.557
7) L1 AR-1016-5	6.281	5.331	9117281	40835857	281.897	261.221
31) L7 AR-1260-1	7.398	6.362	15382503	95580250	284.046	253.089
32) L7 AR-1260-2	7.651	6.548	18379468	128.9E6	284.986	246.798
33) L7 AR-1260-3	8.008	6.701	14308554	103.0E6	284.156	251.347
34) L7 AR-1260-4	8.237	7.171	16912466	95646887	281.275	243.291
35) L7 AR-1260-5	8.562	7.410	29443860	251.5E6	275.751	241.347

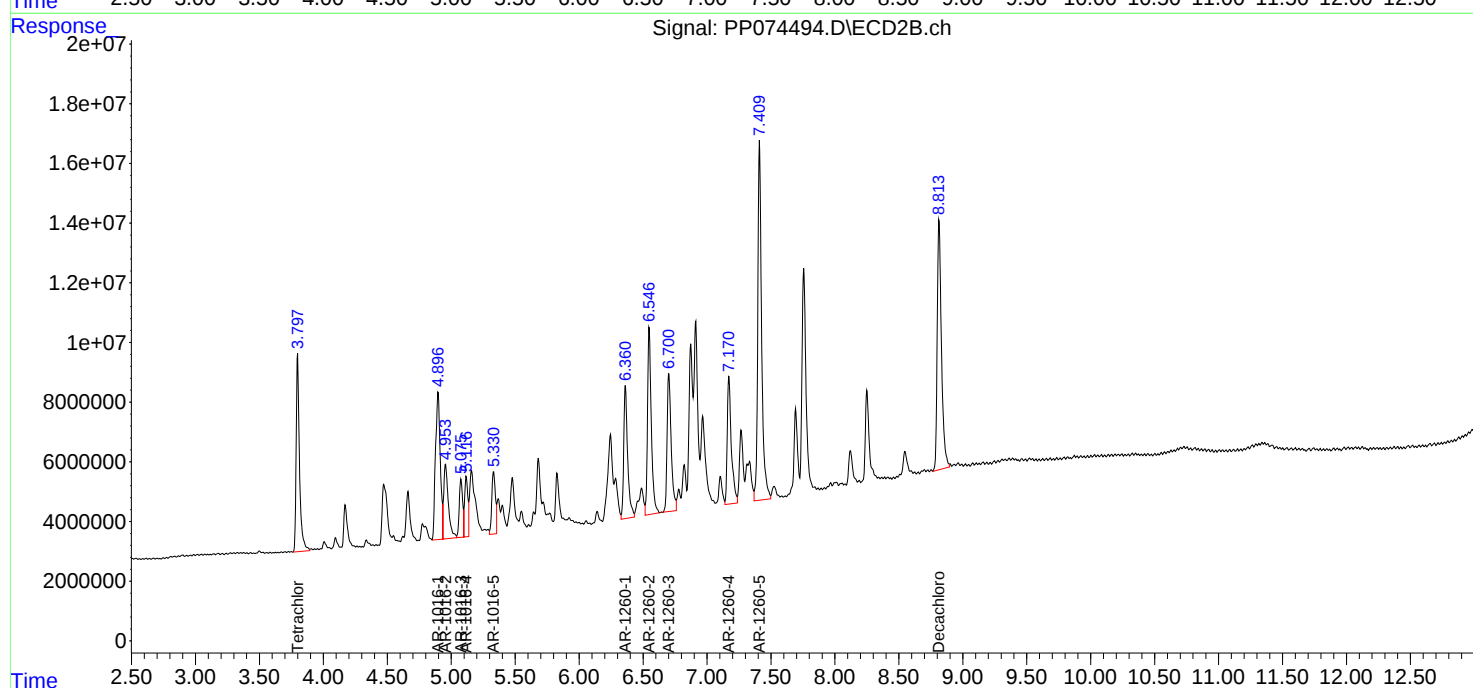
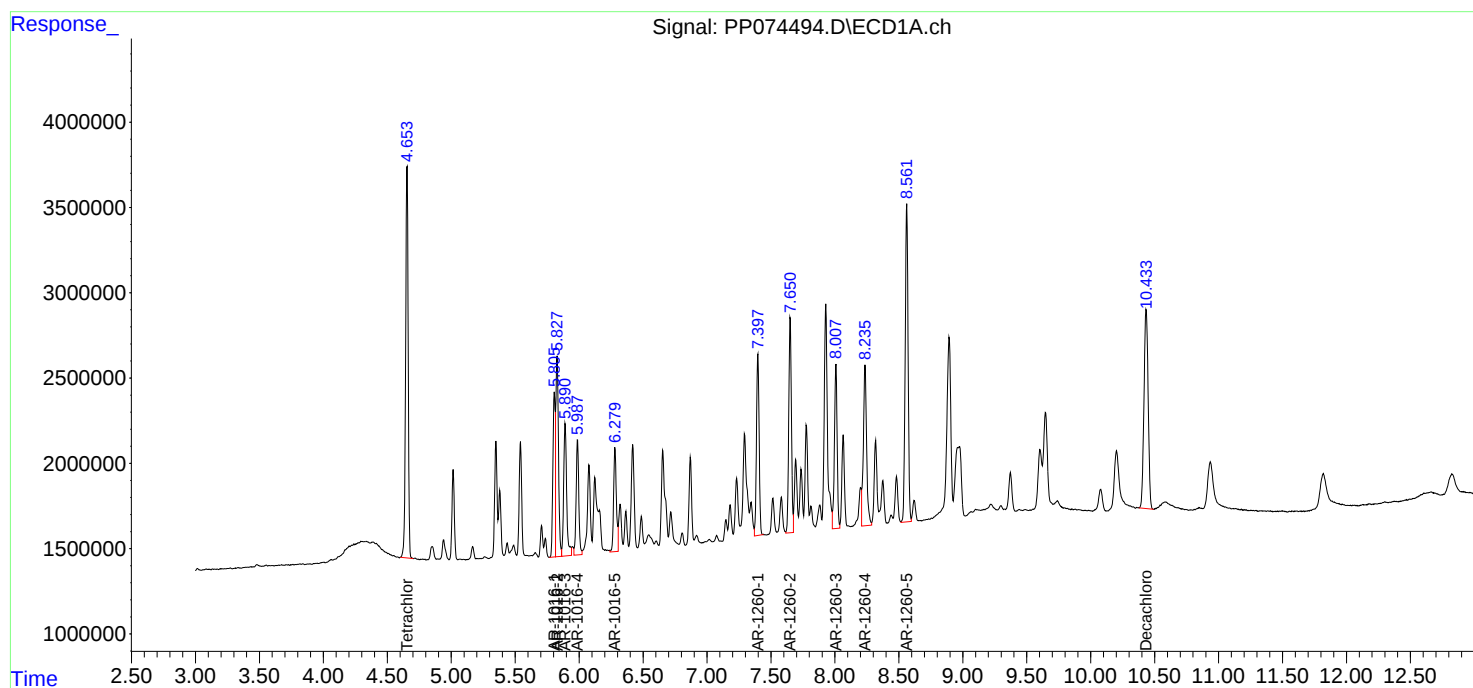
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074494.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 10:51
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:19:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 11:07
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 11:23:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 10:53:26 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.801	7024957	19122429	5.741	3.955 #
2) SA Decachlor...	10.436	8.818	5509179	34572334	5.579	4.610
Target Compounds						
3) L1 AR-1016-1	5.808	4.902	2775528	25477095	63.327m	50.018
4) L1 AR-1016-2	5.829	4.960	3391344	10729046	53.675m	45.077
5) L1 AR-1016-3	5.893	5.081	2738989	7029920	60.487m	50.977
6) L1 AR-1016-4	5.989	5.119	1969930	7240890	55.168m	51.793
7) L1 AR-1016-5	6.283	5.333	1827989	10255452	55.083	61.749
31) L7 AR-1260-1	7.401	6.364	3621398	18274802	62.644	48.704
32) L7 AR-1260-2	7.654	6.549	4330850	27742209	62.841	52.461
33) L7 AR-1260-3	8.010	6.704	2900409	26298630	56.353m	65.936
34) L7 AR-1260-4	8.239	7.174	3922604	16740846	61.870m	43.643m#
35) L7 AR-1260-5	8.564	7.412	6997672	42724494	62.472	43.317m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074495.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:07
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

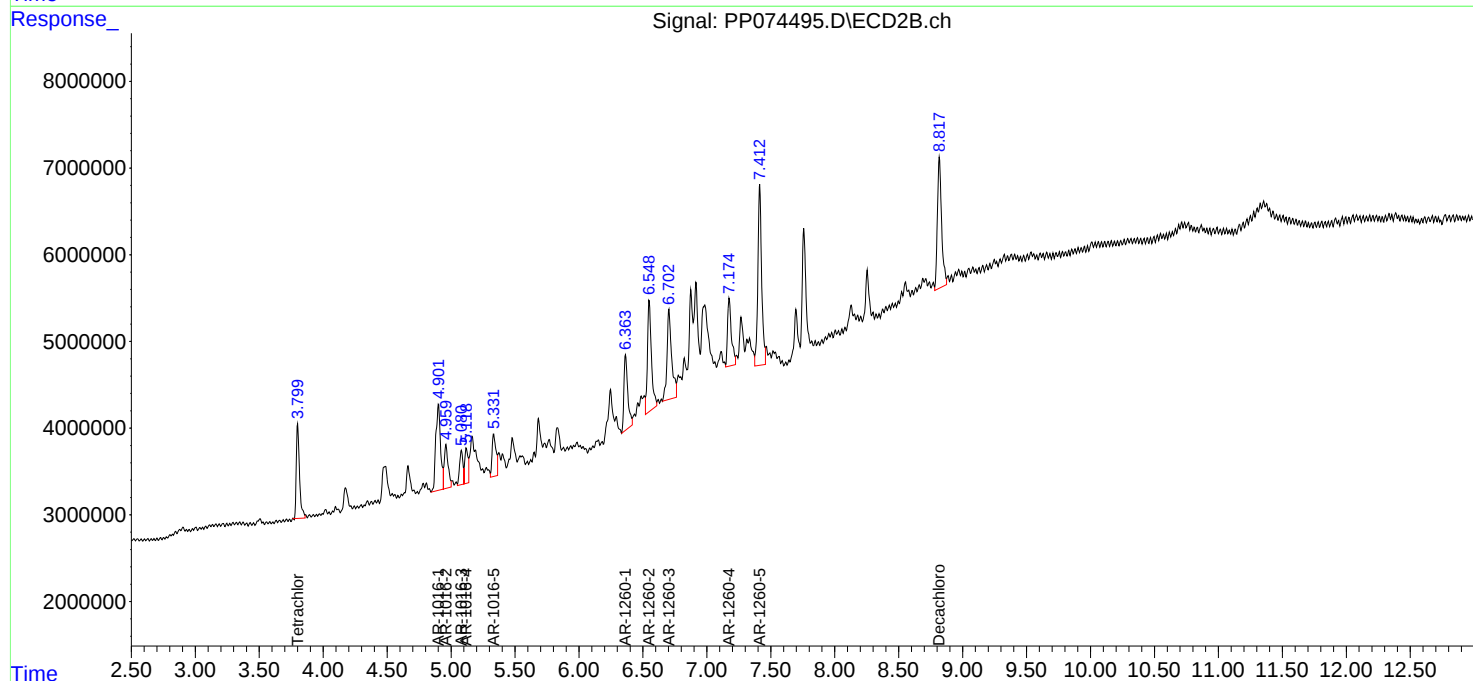
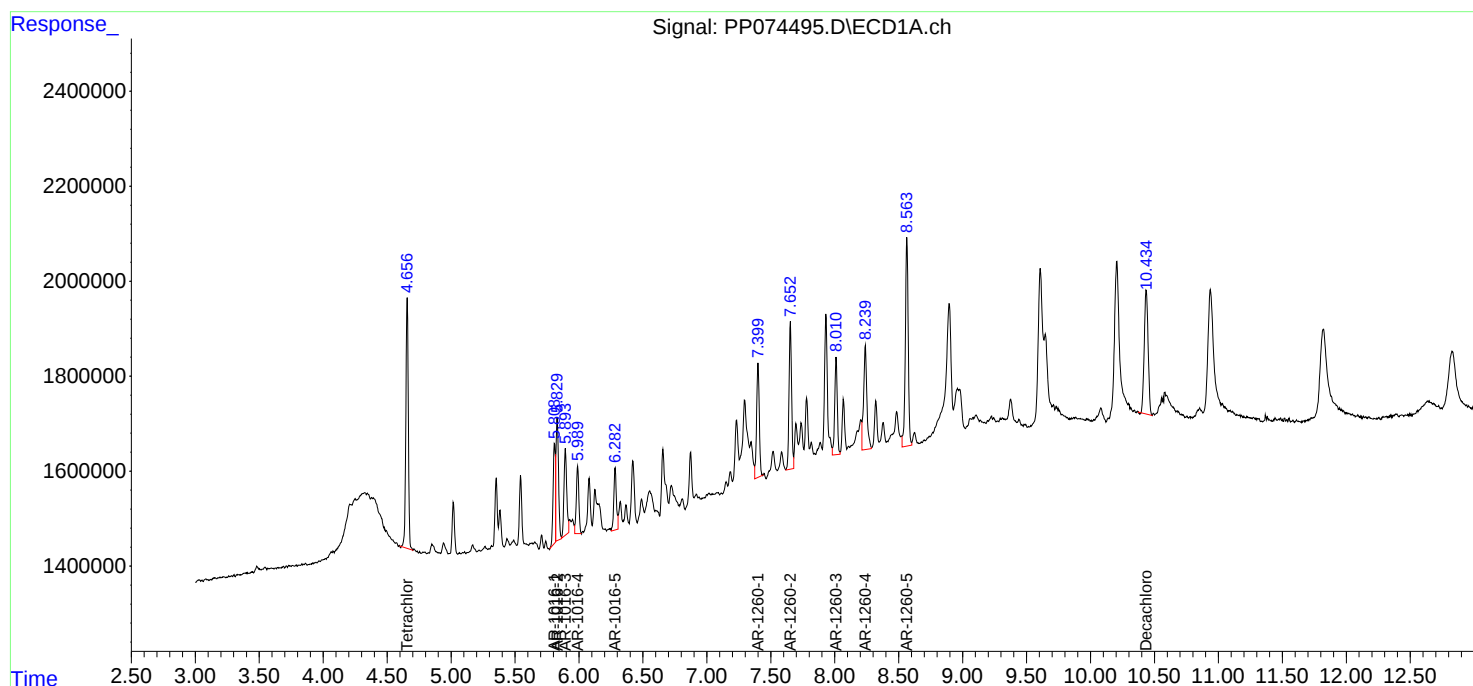
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 11:23:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 10:53:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074496.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 11:23
 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: Aug 19 11:41:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 11:40:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.654	3.799	57850583	238.7E6	50.000	50.000
2) SA Decachlor...	10.431	8.815	48331426	370.6E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.853	4.011	8796420	30933713	500.000	500.000
9) L2 AR-1221-2	4.939	4.097	6678596	22606039	500.000	500.000
10) L2 AR-1221-3	5.015	4.173	18956378	82146924	500.000	500.000

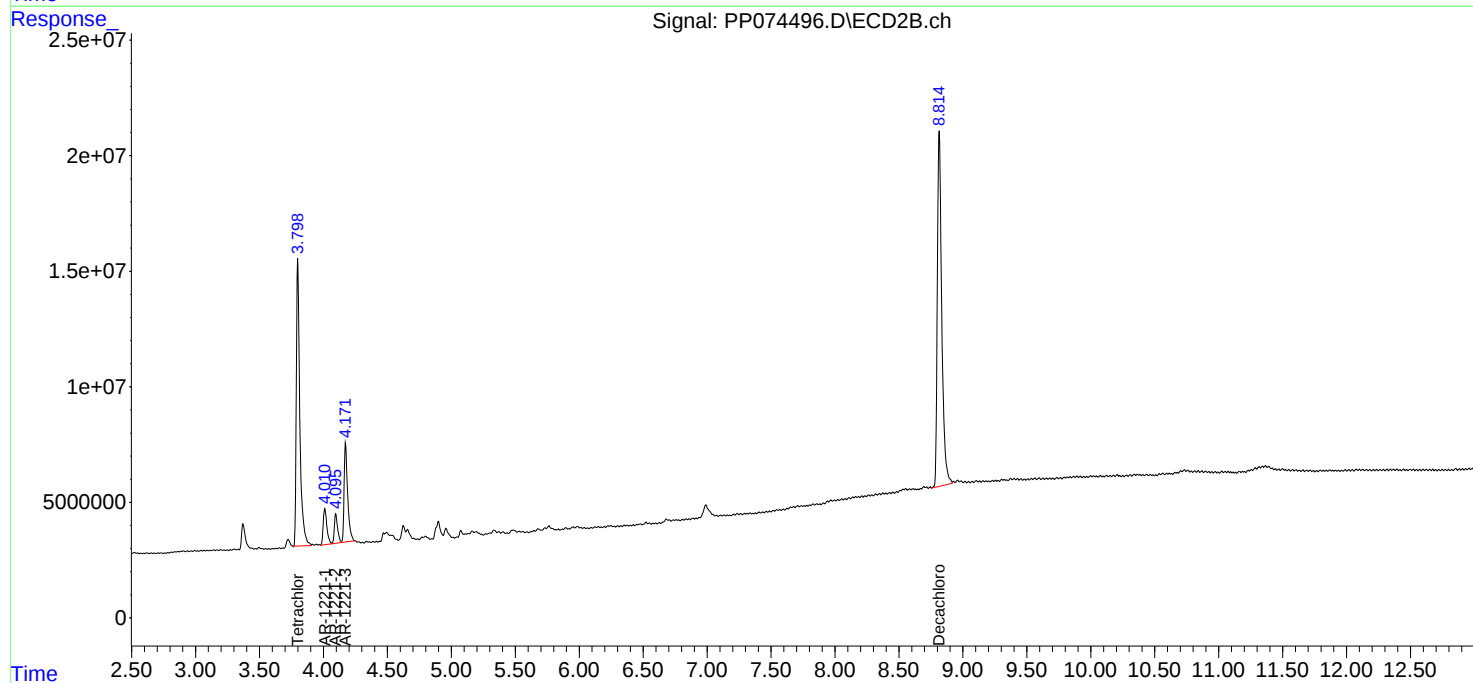
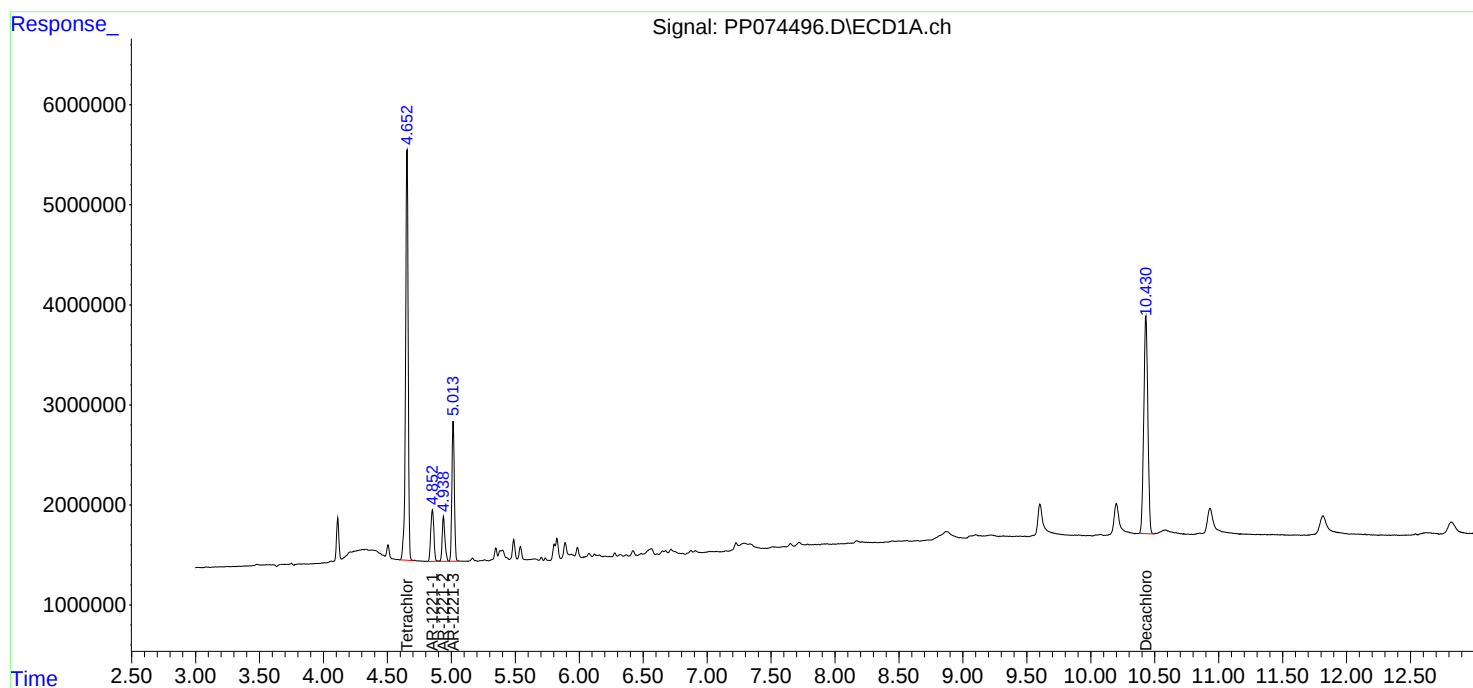
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074496.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:23
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: Aug 19 11:41:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 11:40:42 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074497.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 11:39
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:13:00 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:12:32 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...	4.655	3.799	58746394	255.4E6	50.000	50.000
2)	SA Decachlor...	10.434	8.815	49336755	375.4E6	50.000	50.000
Target Compounds							
11)	L3 AR-1232-1	5.016	4.172	15186953	64047715	500.000	500.000
12)	L3 AR-1232-2	5.542	4.899	7879113	115.9E6	500.000	500.000
13)	L3 AR-1232-3	5.828	5.076	15271847	30029881	500.000	500.000
14)	L3 AR-1232-4	5.988	5.157	8634636	36853690	500.000	505.838m
15)	L3 AR-1232-5	6.077	5.332	6490477	31041901	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\PP081925\
Data File : PP074497.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:39
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

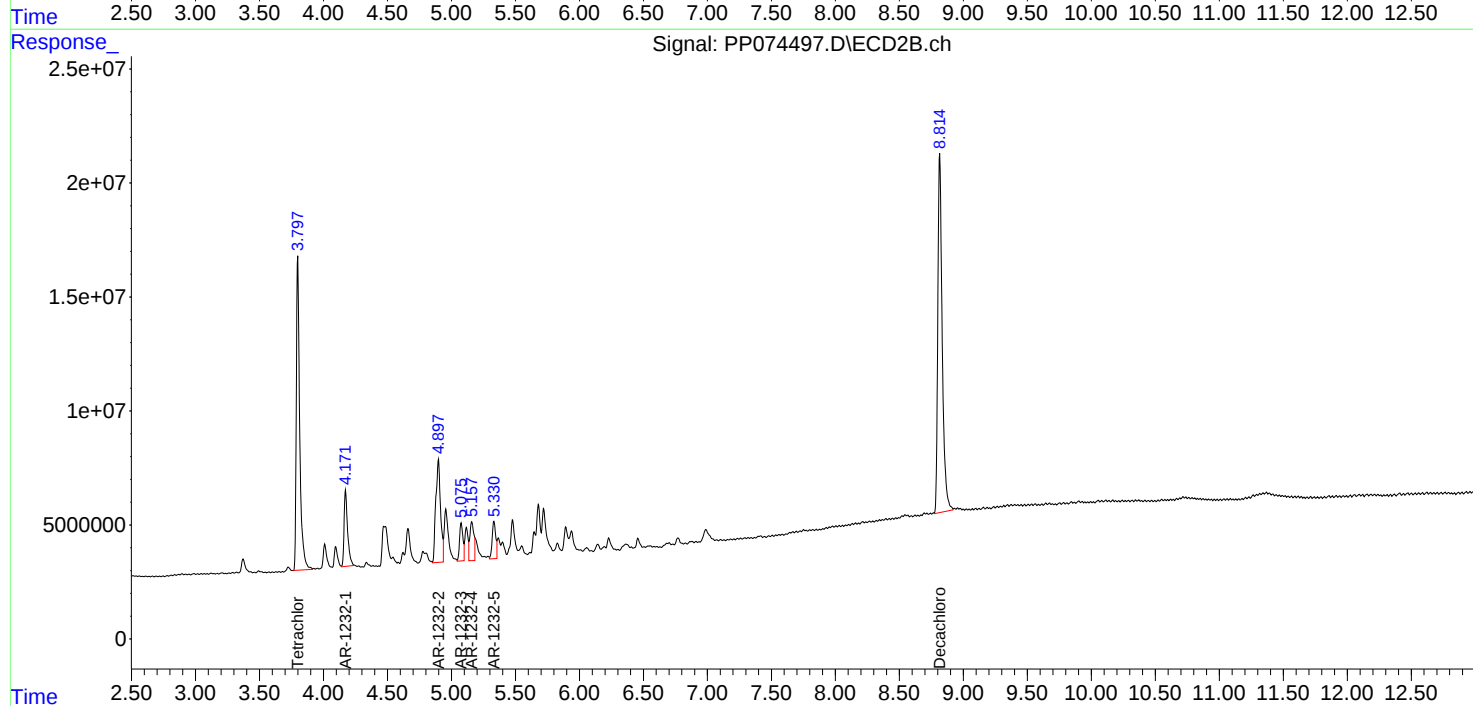
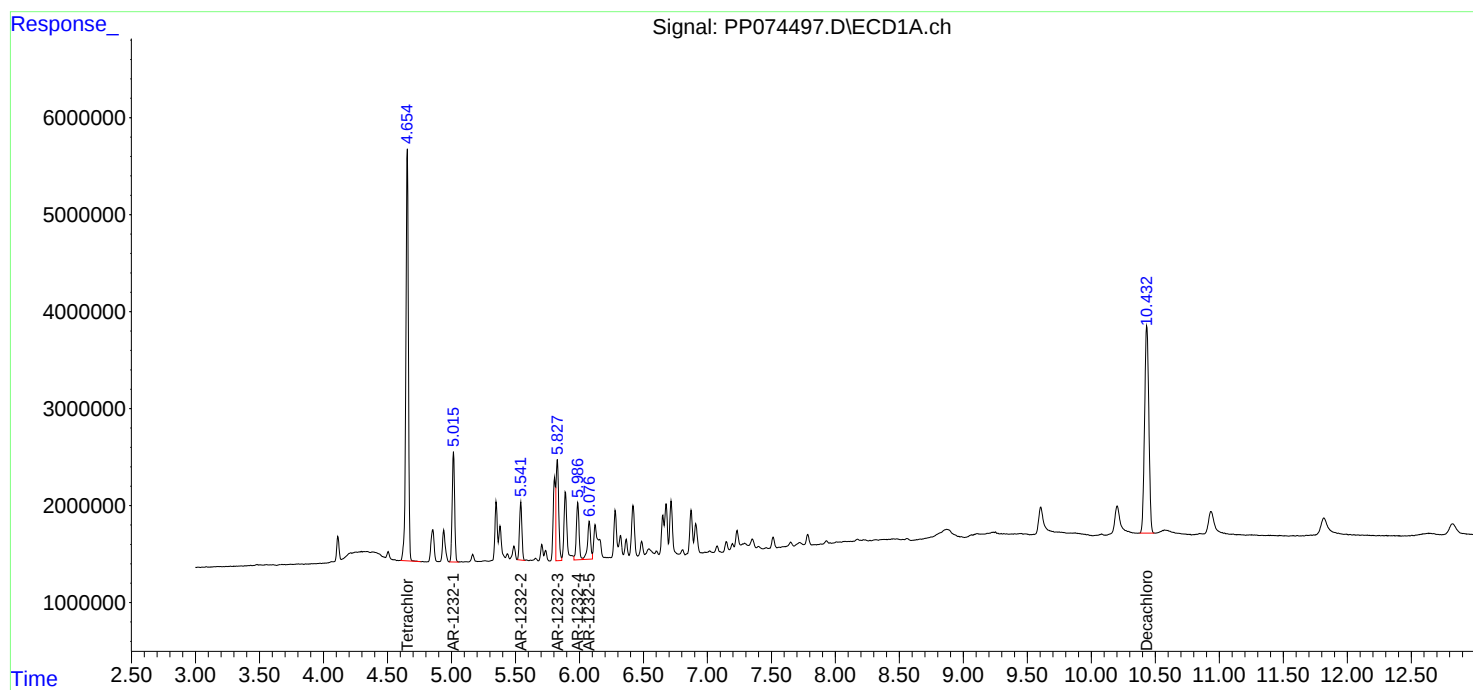
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:13:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:12:32 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074498.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 11:55
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh
 Patel

08/20/2025
 Supervised By :mohammad
 ahmed

08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 13:23:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 13:20:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.799	110.2E6	555.2E6	94.277	102.648
2) SA Decachlor...	10.434	8.816	94257109	743.9E6	92.733	97.953
Target Compounds						
16) L4 AR-1242-1	5.807	4.900	33534775	426.2E6	928.998	984.768
17) L4 AR-1242-2	5.828	4.957	50582395	203.0E6	932.415	985.806
18) L4 AR-1242-3	5.892	5.076	33349694	114.7E6	909.705	983.673
19) L4 AR-1242-4	5.989	5.158	27192200	162.8E6	920.414	981.770m
20) L4 AR-1242-5	6.718	5.681	29731727	176.2E6	923.938	949.598

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074498.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 11:55
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

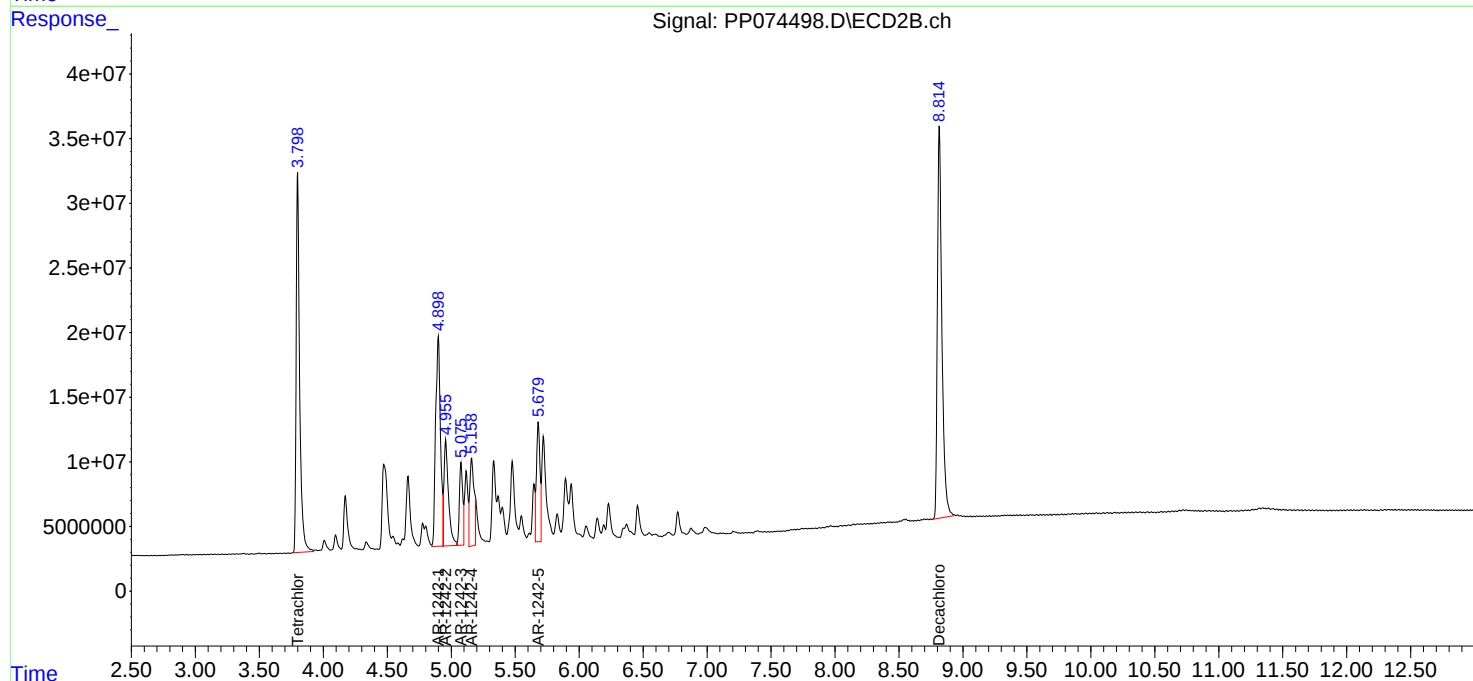
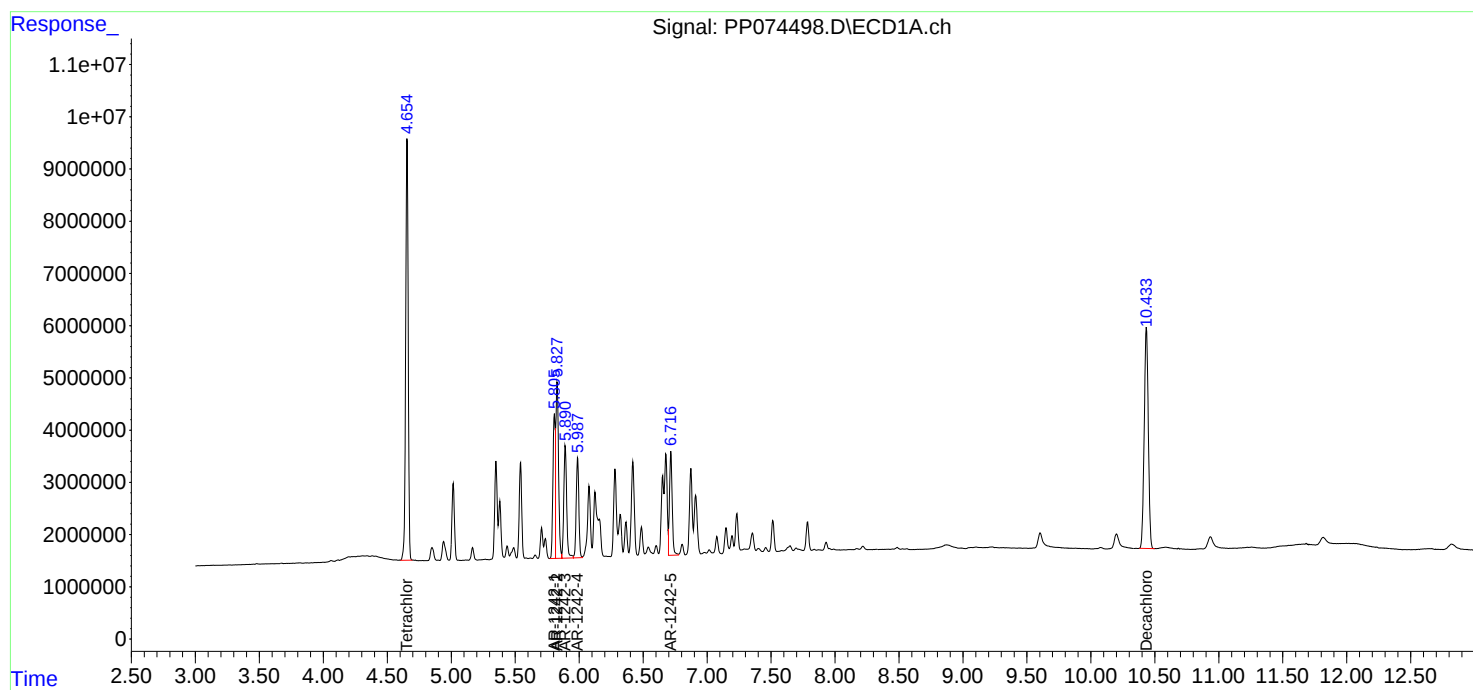
Reviewed By :Yogesh
Patel

08/20/2025
Supervised By :mohammad
ahmed

08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:23:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074499.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 12:12
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 13:26:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 13:20:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.802	86349070	412.2E6	74.262	75.797
2) SA Decachlor...	10.437	8.817	74892062	573.5E6	74.115	75.344
Target Compounds						
16) L4 AR-1242-1	5.809	4.901	26397194	324.0E6	737.408	749.001
17) L4 AR-1242-2	5.831	4.960	39340318	155.5E6	733.271	753.574
18) L4 AR-1242-3	5.894	5.078	26560976	89250623	732.822	760.349
19) L4 AR-1242-4	5.991	5.162	21474232	119.5E6	734.419	741.577m
20) L4 AR-1242-5	6.720	5.682	23050385	144.9E6	727.198	770.068

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074499.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:12
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

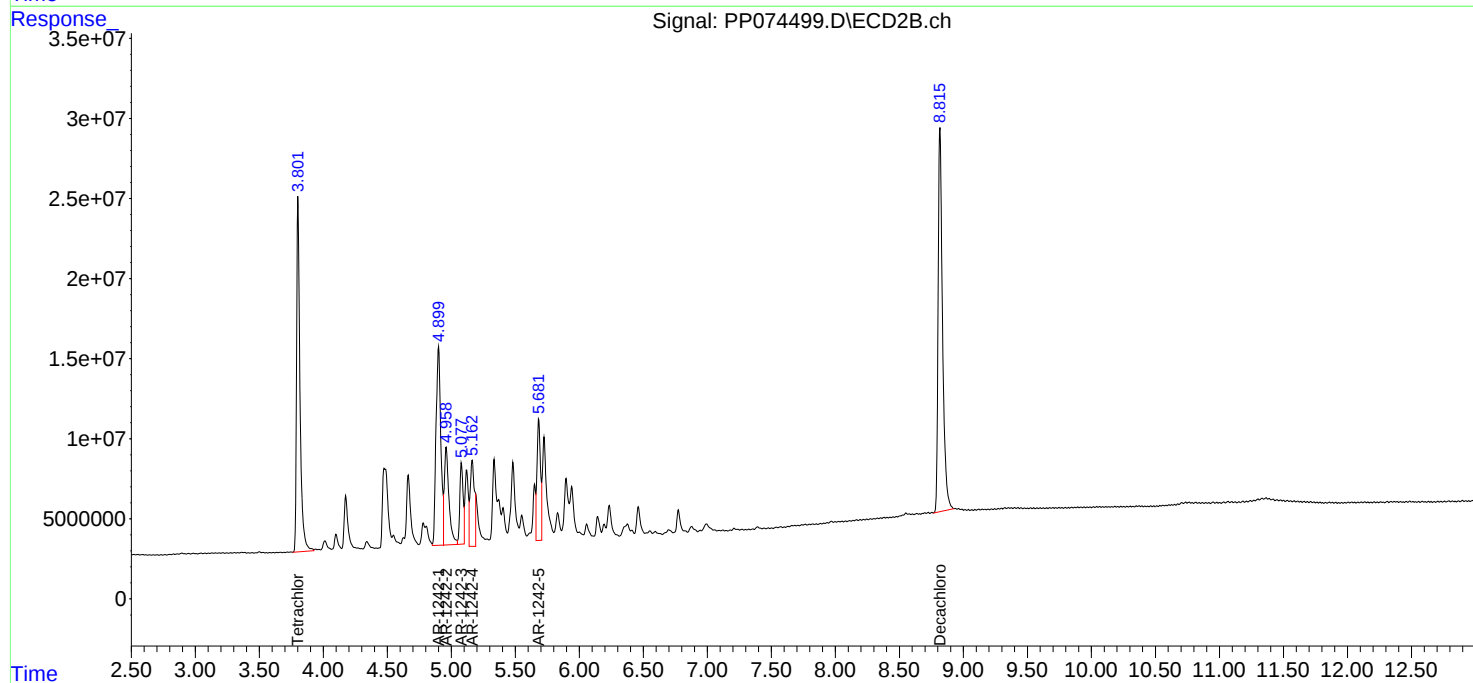
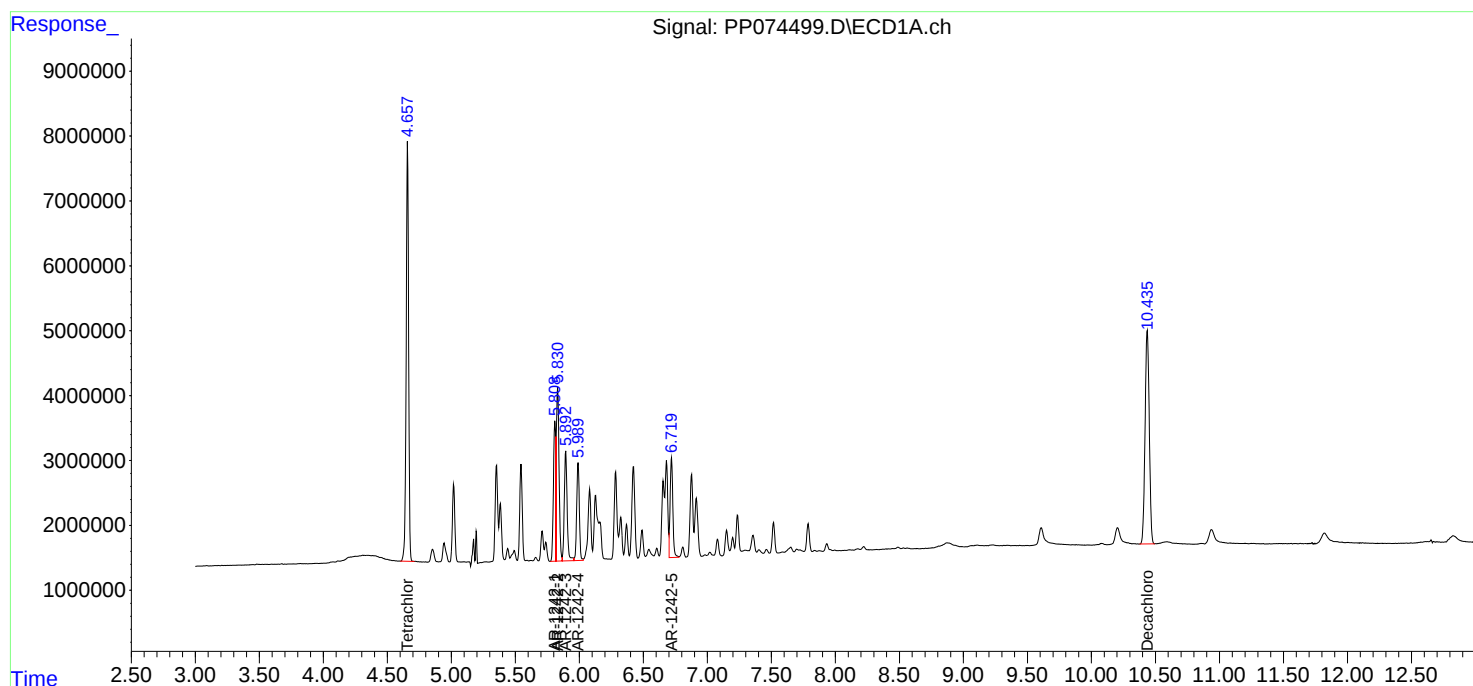
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:26:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074500.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 12:28
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Manual Integrations
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Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 13:20:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 13:20:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.799	61768053	263.3E6	50.000	50.000
2) SA Decachlor...	10.434	8.814	54515432	387.5E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.807	4.898	19330395	219.7E6	500.000	500.000
17) L4 AR-1242-2	5.828	4.957	28957608	104.4E6	500.000	500.000
18) L4 AR-1242-3	5.891	5.076	19985033	59237210	500.000	500.000
19) L4 AR-1242-4	5.988	5.159	15947348	84962372	500.000	493.889m
20) L4 AR-1242-5	6.717	5.679	17313490	97476940	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\PP081925\
Data File : PP074500.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:28
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

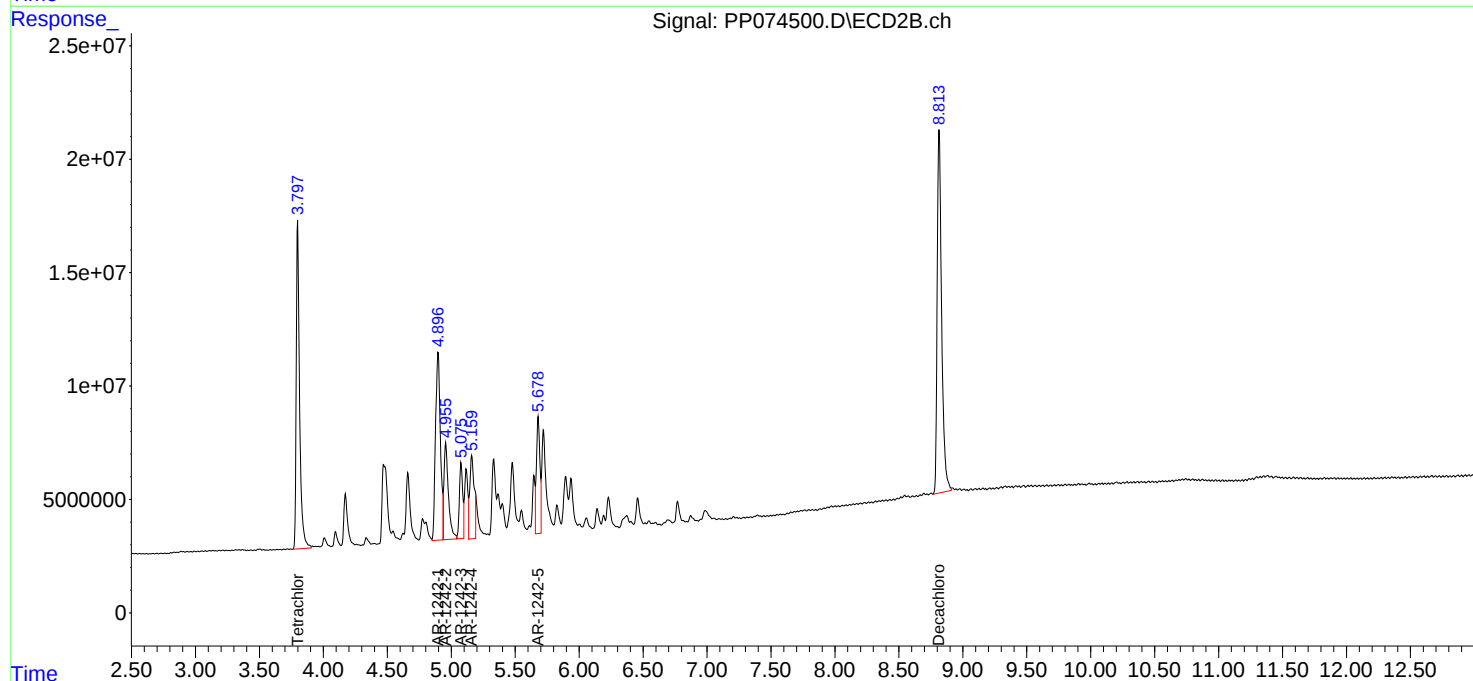
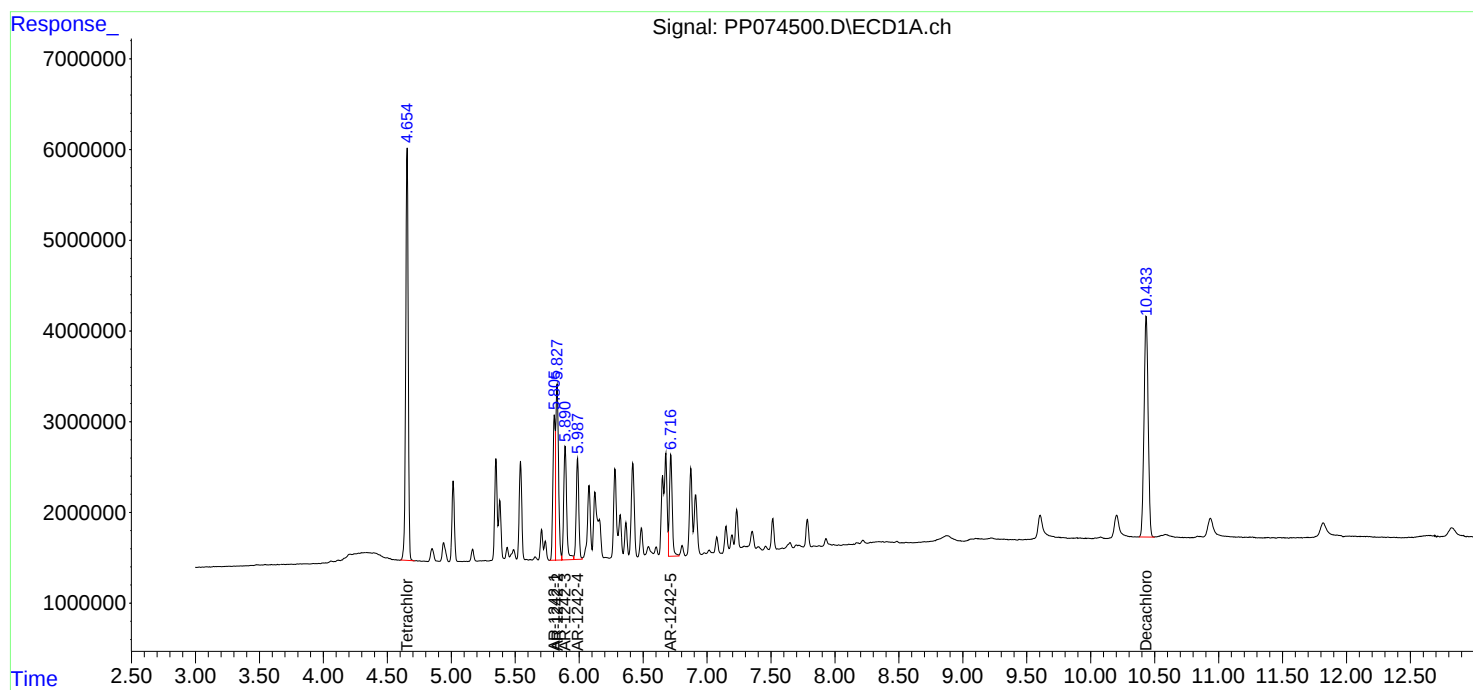
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations
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Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:20:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074501.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 12:44
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Manual Integrations
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Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 13:29:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 13:20:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.802	31800678	118.0E6	26.721	22.435
2) SA Decachlor...	10.437	8.817	28324807	184.7E6	27.206	24.441
Target Compounds						
16) L4 AR-1242-1	5.810	4.901	10310435	106.8E6	277.473	247.620
17) L4 AR-1242-2	5.831	4.959	15526062	51090902	278.425	248.140
18) L4 AR-1242-3	5.894	5.079	10970993	31438734	287.541	263.142
19) L4 AR-1242-4	5.991	5.161	8954111	42481198	289.928	257.799m
20) L4 AR-1242-5	6.720	5.682	9712723	49681879	290.054	260.430

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074501.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 12:44
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

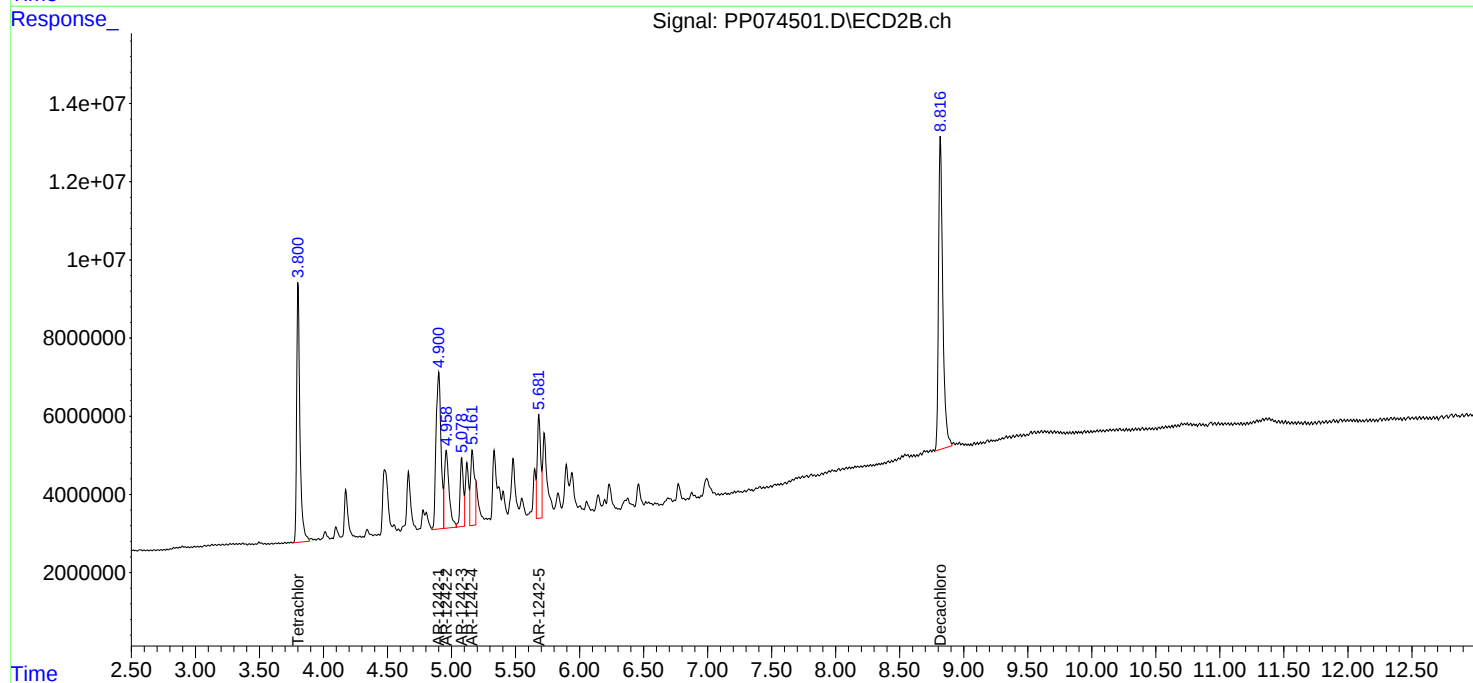
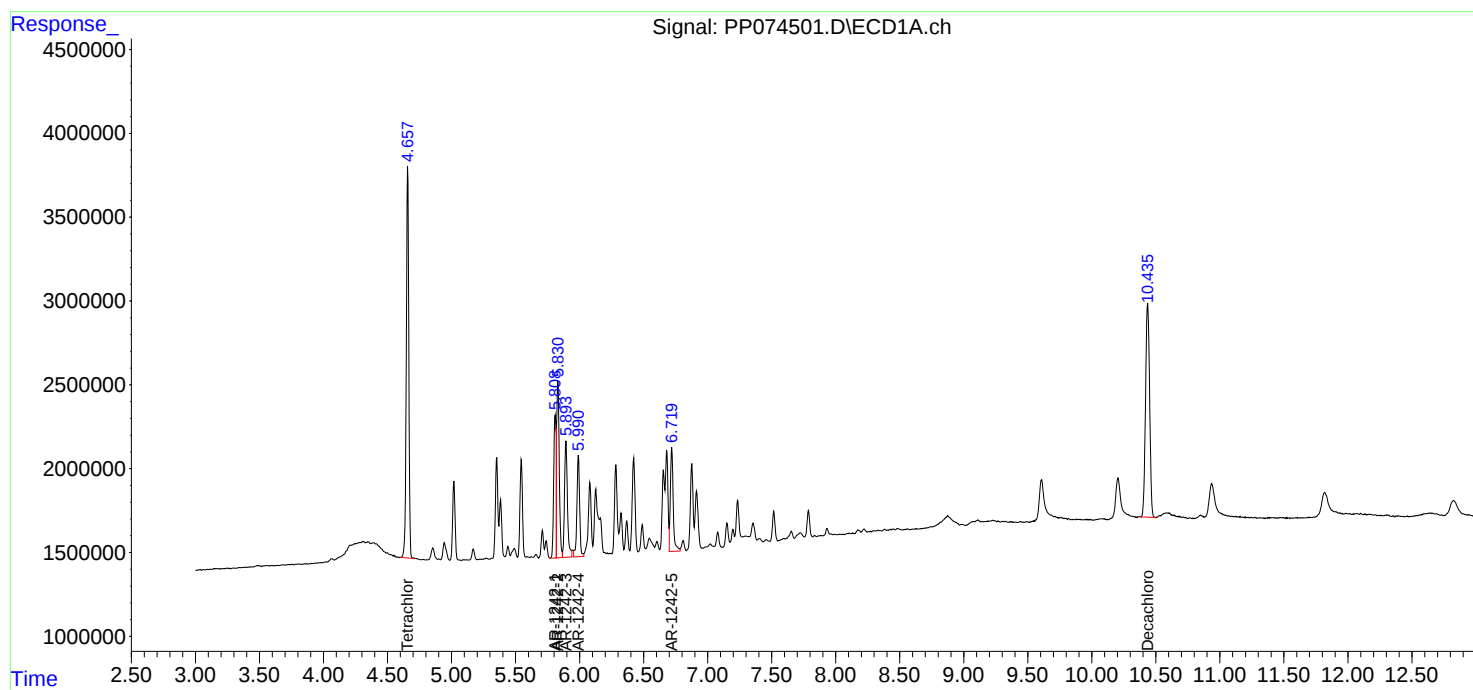
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
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Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:29:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074502.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 13:00
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 13:33:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Aug 19 13:20:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.656	3.798	6391941	16722681	5.292	3.430 #
2) SA Decachlor...	10.435	8.815	5418588	33484970	5.162	4.535
Target Compounds						
16) L4 AR-1242-1	5.806	4.899	2137122	19201283	56.071m	45.527
17) L4 AR-1242-2	5.828	4.955	2967713	8891532	52.817m	44.395
18) L4 AR-1242-3	5.891	5.077	2519809	5679652	61.812m	48.011
19) L4 AR-1242-4	5.987	5.156	1758680	9687724	54.251m	58.359m
20) L4 AR-1242-5	6.717	5.680	2320479	8137241	65.686m	43.946 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074502.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:00
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

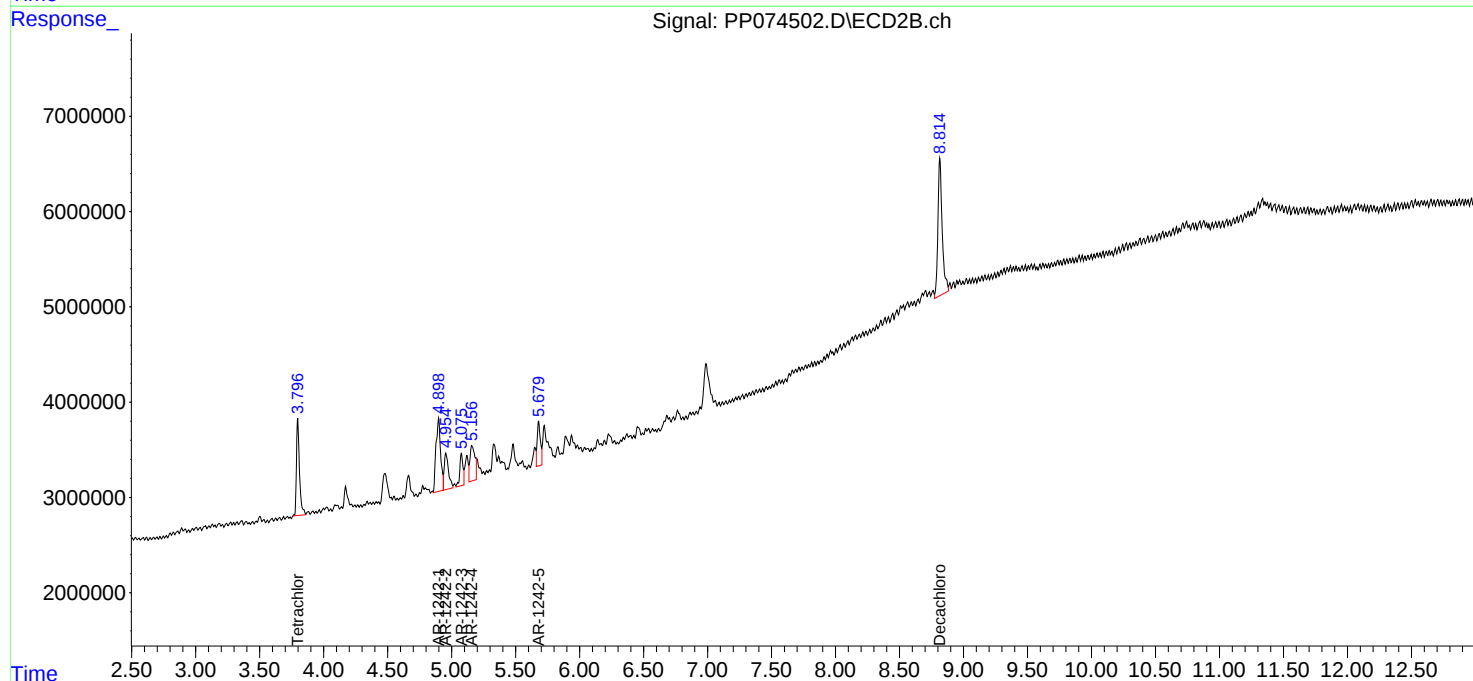
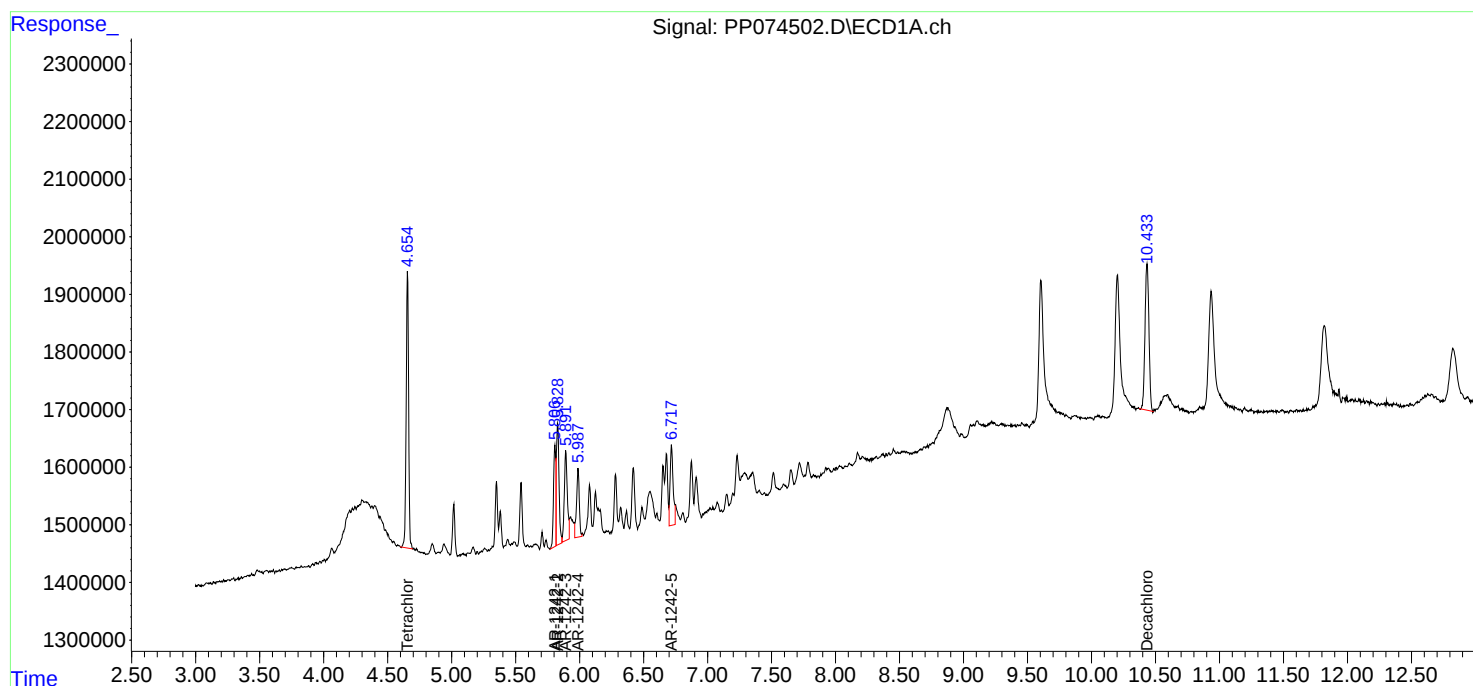
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
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Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 13:33:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 19 13:20:12 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074503.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 13:16
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:04:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 04:42:15 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...	4.655	3.800	110.1E6	492.2E6	91.706	99.983
2) SA Decachlor...	10.435	8.815	95099389	736.2E6	88.794	93.998
Target Compounds						
21) L5 AR-1248-1	5.806	4.897	26825393	276.8E6	869.659	941.101
22) L5 AR-1248-2	6.078	5.118	37601198	170.4E6	870.163	925.395
23) L5 AR-1248-3	6.281	5.157	41457218	216.9E6	885.508	952.815m
24) L5 AR-1248-4	6.679	5.331	47576379	216.0E6	874.270	940.843
25) L5 AR-1248-5	6.718	5.721	47007884	365.9E6	868.926	946.465

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074503.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:16
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

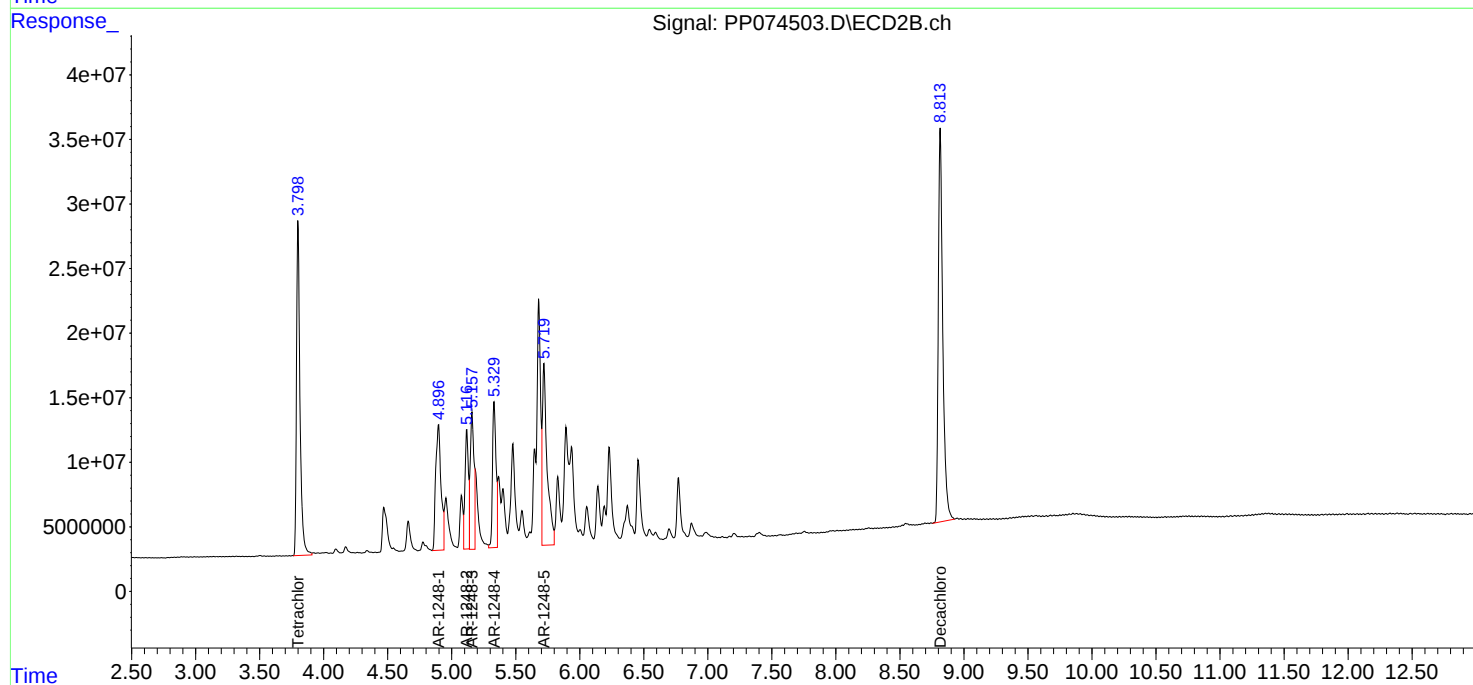
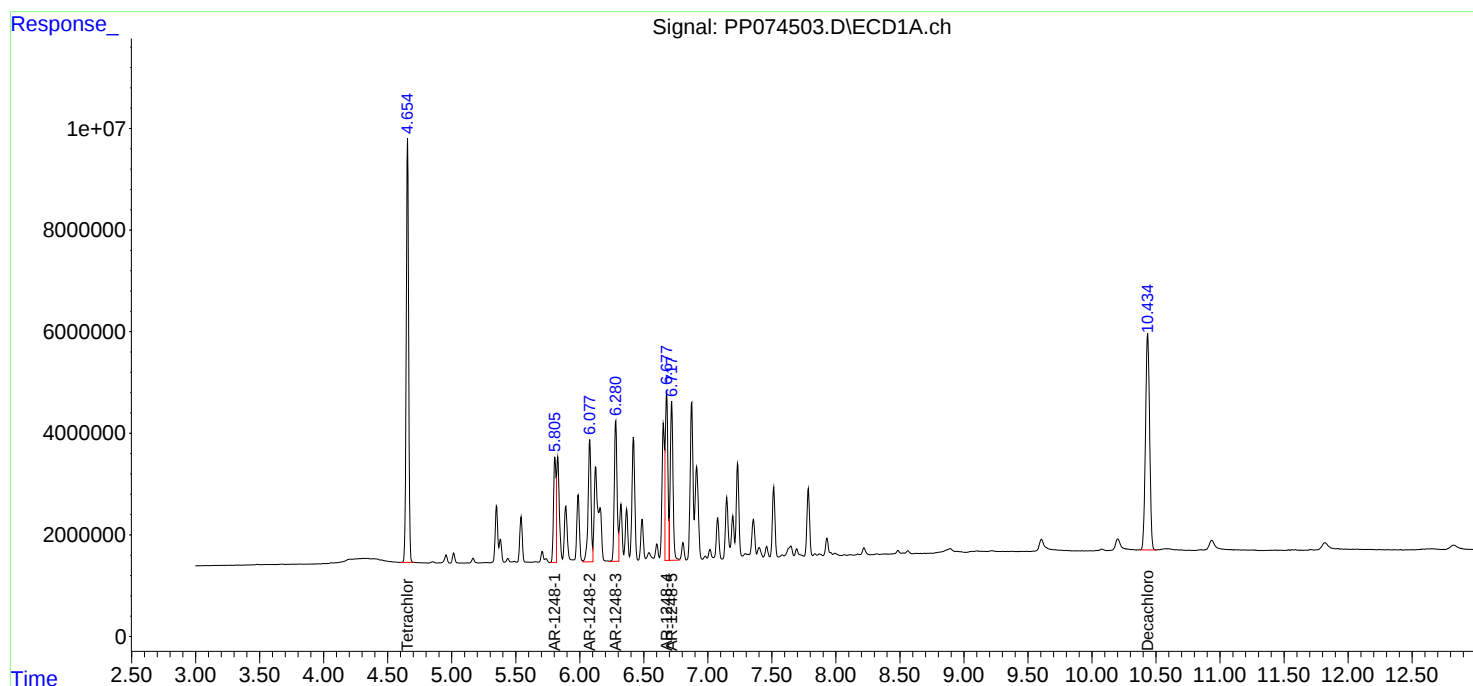
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:04:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074504.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 13:33
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:05:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 04:42:15 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...	4.659	3.803	86008422	395.4E6	71.640	80.329
2) SA Decachlor...	10.439	8.818	75691794	571.8E6	70.673	72.999
Target Compounds						
21) L5 AR-1248-1	5.810	4.902	21304287	204.7E6	690.669	696.142
22) L5 AR-1248-2	6.082	5.122	29923107	132.7E6	692.477	720.722
23) L5 AR-1248-3	6.284	5.161	32832116	177.7E6	701.279	780.792m
24) L5 AR-1248-4	6.682	5.334	38171735	166.6E6	701.449	725.726
25) L5 AR-1248-5	6.721	5.724	37544119	283.6E6	693.991	733.686

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074504.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:33
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

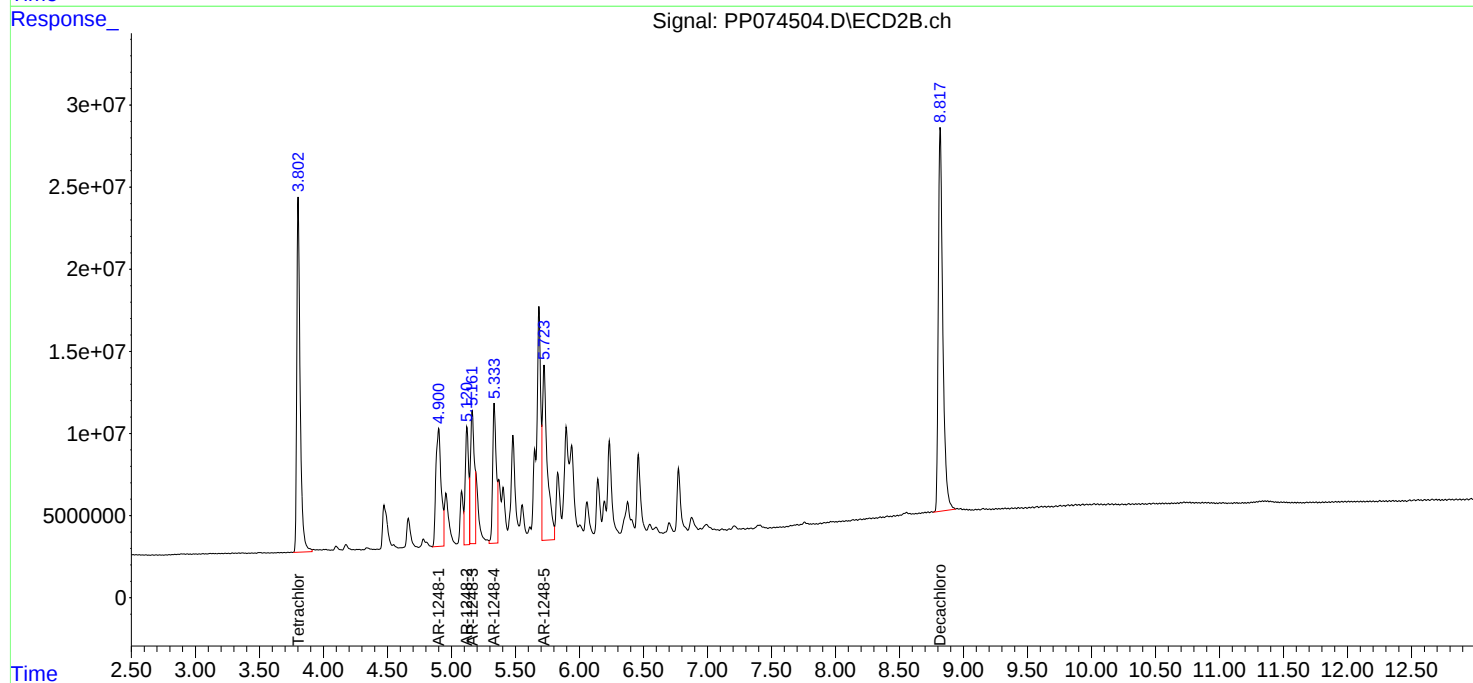
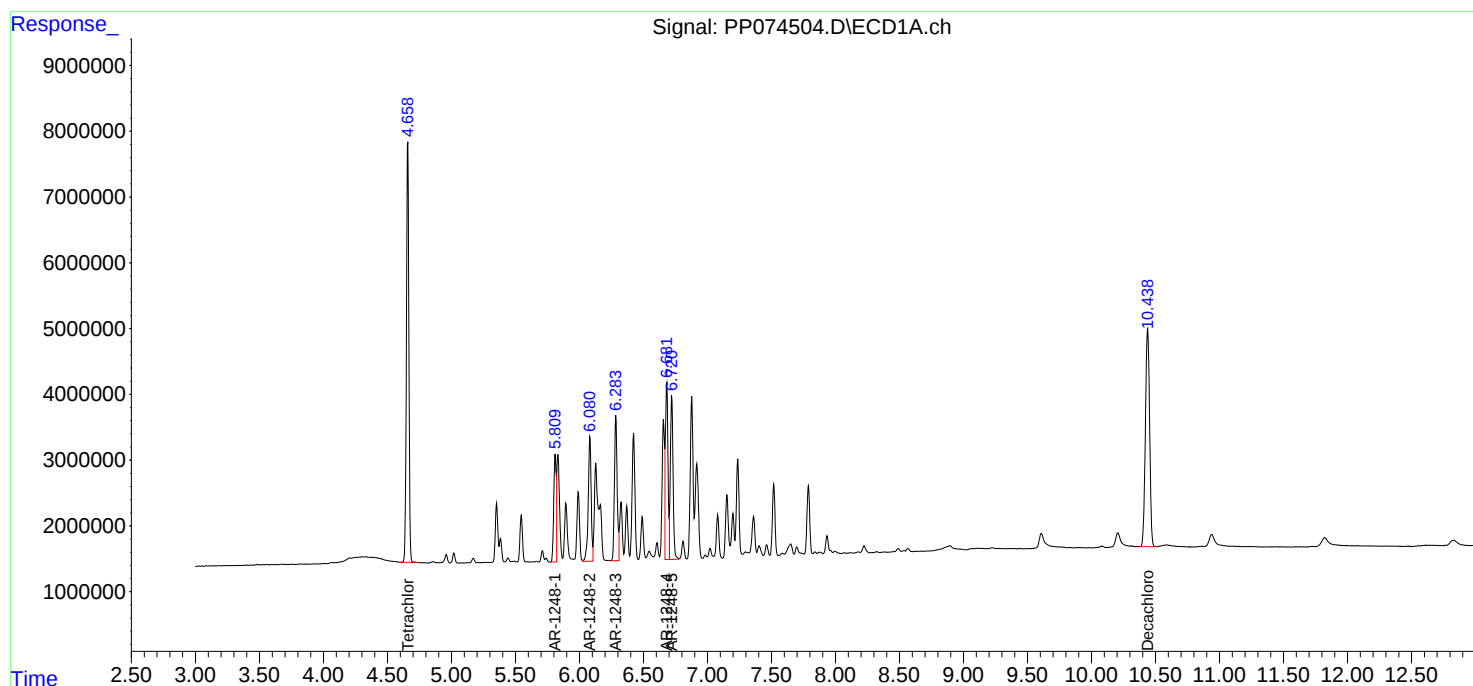
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074505.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 13:49
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:05:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 04:42:15 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...	4.656	3.801	60028320	246.1E6	50.000	50.000
2) SA Decachlor...	10.435	8.815	53550623	391.6E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.807	4.899	15422936	147.1E6	500.000	500.000
22) L5 AR-1248-2	6.078	5.119	21605843	92083909	500.000	500.000
23) L5 AR-1248-3	6.281	5.159	23408730	113.0E6	500.000	496.516m
24) L5 AR-1248-4	6.679	5.331	27209215	114.8E6	500.000	500.000
25) L5 AR-1248-5	6.718	5.721	27049432	193.3E6	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\PP081925\
Data File : PP074505.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 13:49
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

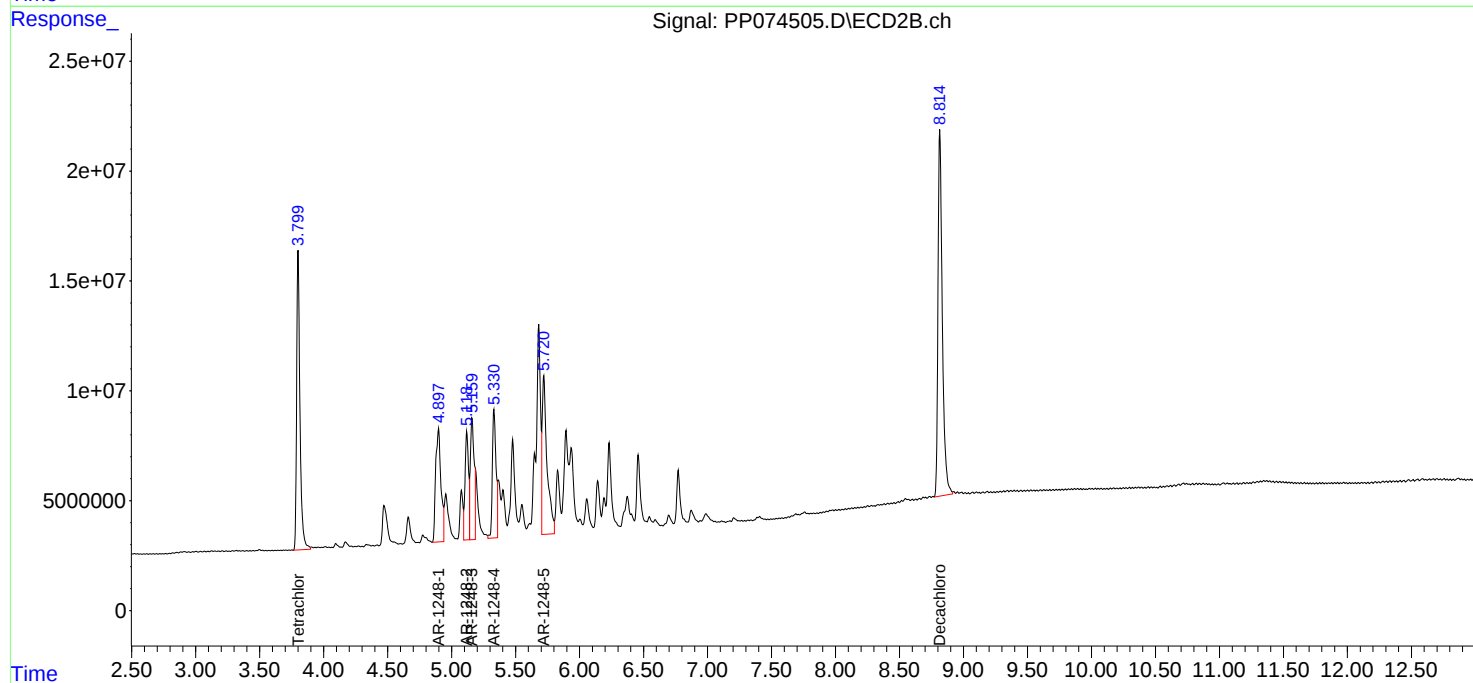
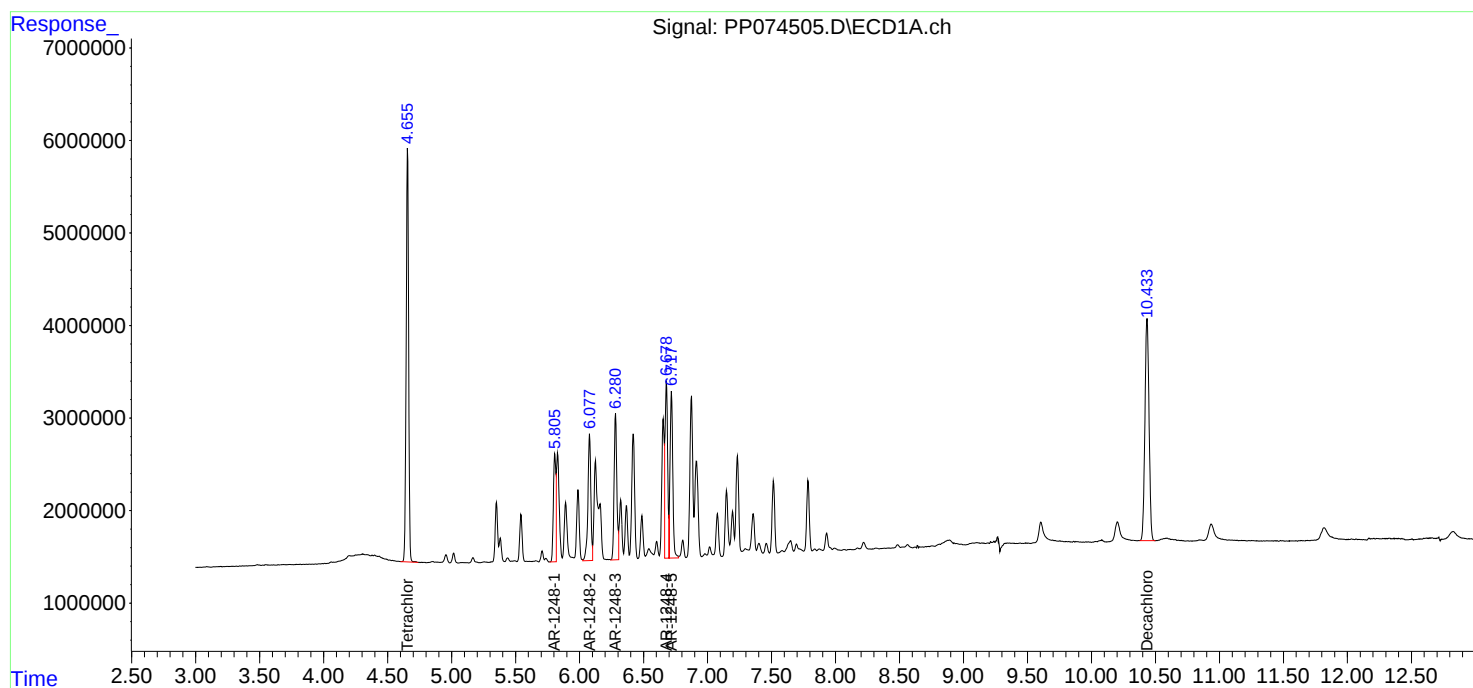
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074506.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 14:05
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:05:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 04:42:15 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...	4.657	3.800	31924312	118.9E6	26.591	24.146
2) SA Decachlor...	10.436	8.815	29199630	195.8E6	27.264	24.994
Target Compounds						
21) L5 AR-1248-1	5.808	4.899	8518595	71878916	276.166	244.395
22) L5 AR-1248-2	6.080	5.119	12195931	47171019	282.237	256.131
23) L5 AR-1248-3	6.282	5.159	12988856	58195671	277.436	255.666m
24) L5 AR-1248-4	6.680	5.333	15166776	55484288	278.707	241.660
25) L5 AR-1248-5	6.719	5.722	15479077	98298762	286.126	254.267

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074506.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:05
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

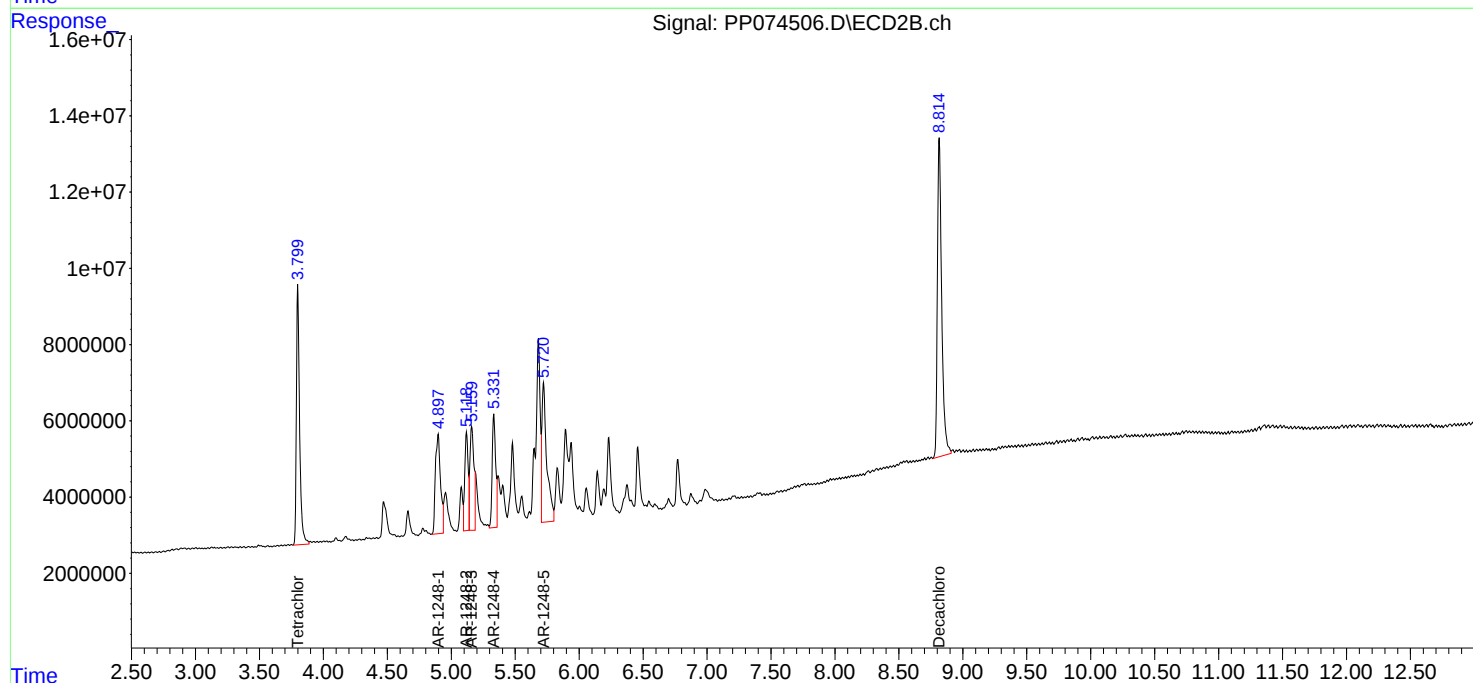
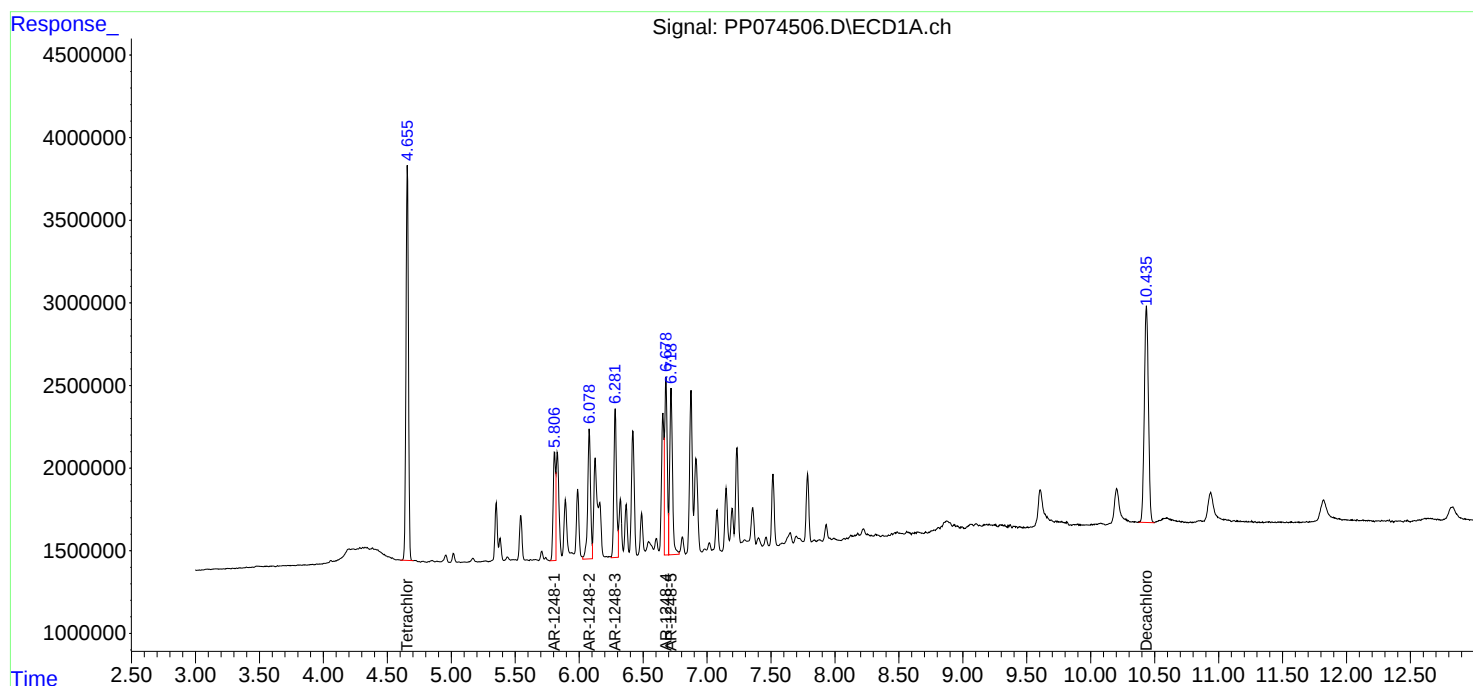
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074507.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 14:21
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:05:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 04:42:15 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...	4.655	3.799	6057310	15338885	5.045	3.116 #
2) SA Decachlor...	10.435	8.816	5286868	30885168	4.936	3.943
Target Compounds						
21) L5 AR-1248-1	5.807	4.899	1548436	12465555	50.199	42.384
22) L5 AR-1248-2	6.076	5.120	2299309	8175959	53.210m	44.394
23) L5 AR-1248-3	6.281	5.159	2475589	11167270	52.877	49.060
24) L5 AR-1248-4	6.678	5.331	3072323	10019619	56.457	43.640
25) L5 AR-1248-5	6.716	5.720	3213520	15636577	59.401m	40.447m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074507.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:21
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

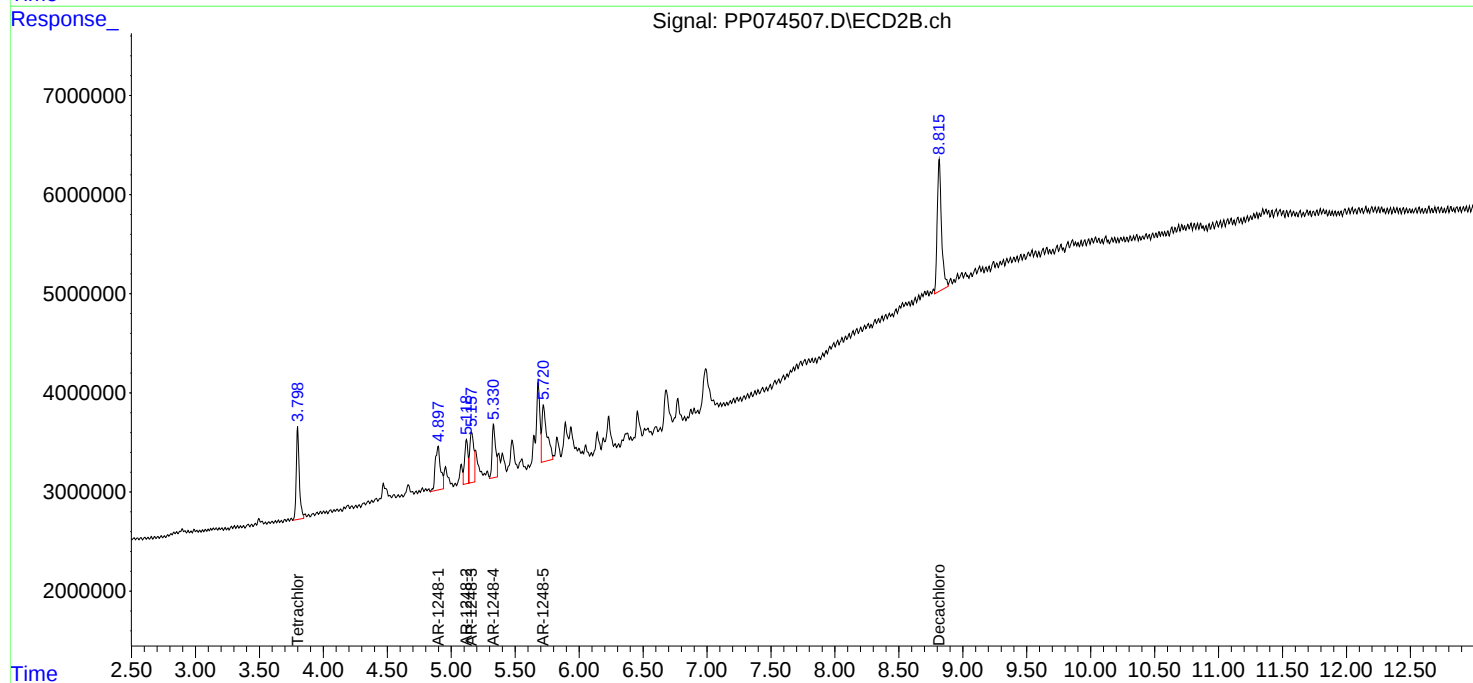
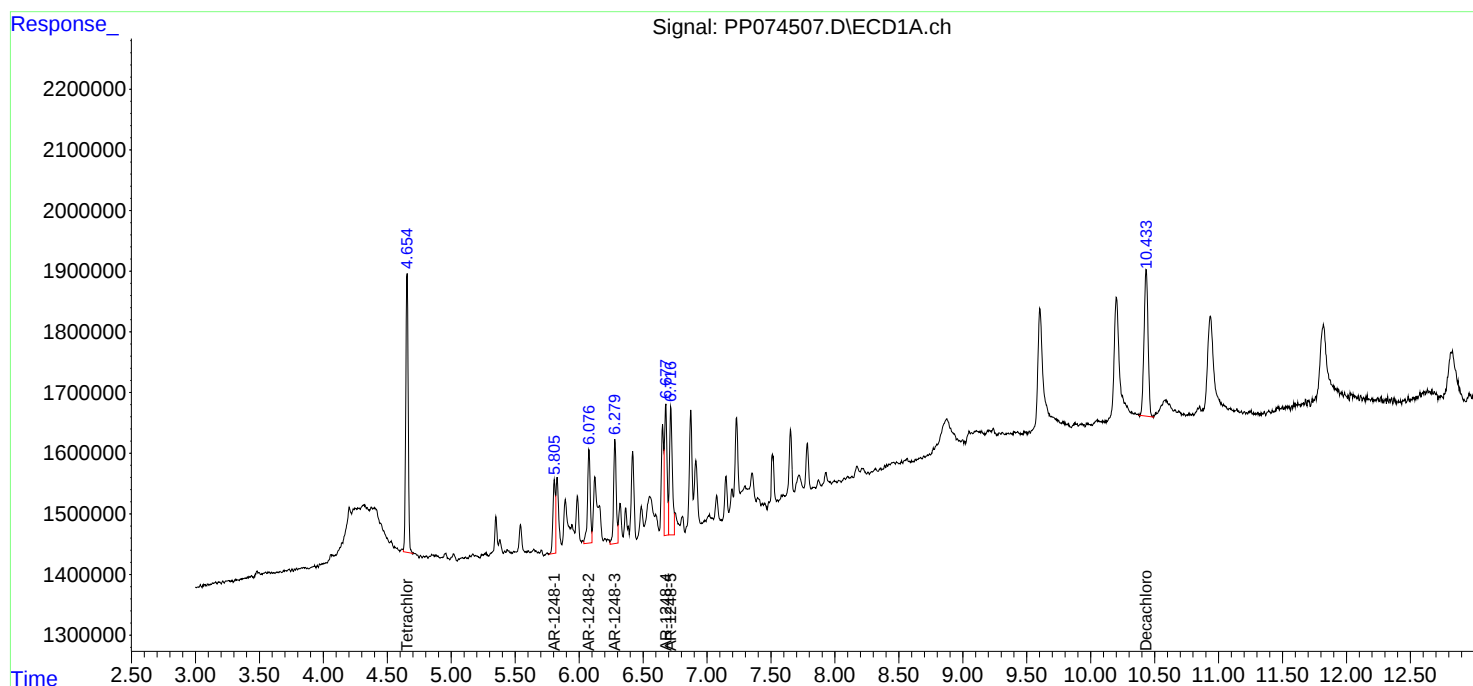
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:05:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 04:42:15 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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
 Data File : PP074508.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 14:37
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:32:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:23:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.803	107.5E6	508.3E6	90.613	102.092
2) SA Decachlor...	10.437	8.817	95581017	757.0E6	91.315	99.926
Target Compounds						
26) L6 AR-1254-1	6.658	5.685	48507797	450.8E6	823.624m	912.704
27) L6 AR-1254-2	6.875	5.832	68997007	327.6E6	867.960	937.272
28) L6 AR-1254-3	7.237	6.235	75433146	632.2E6	882.576	952.736
29) L6 AR-1254-4	7.518	6.462	56817907	465.7E6	882.596	941.555
30) L6 AR-1254-5	7.935	6.877	71518563	494.0E6	880.319	989.665m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074508.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:37
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

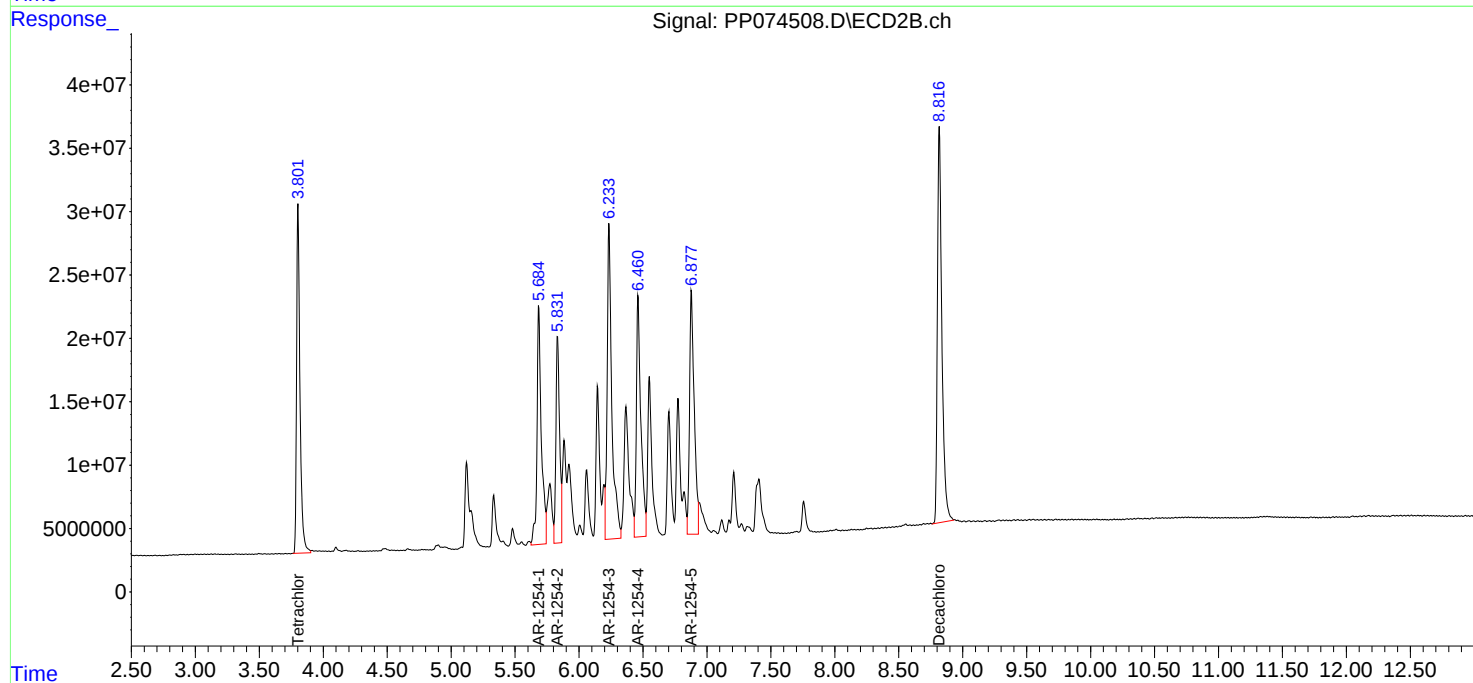
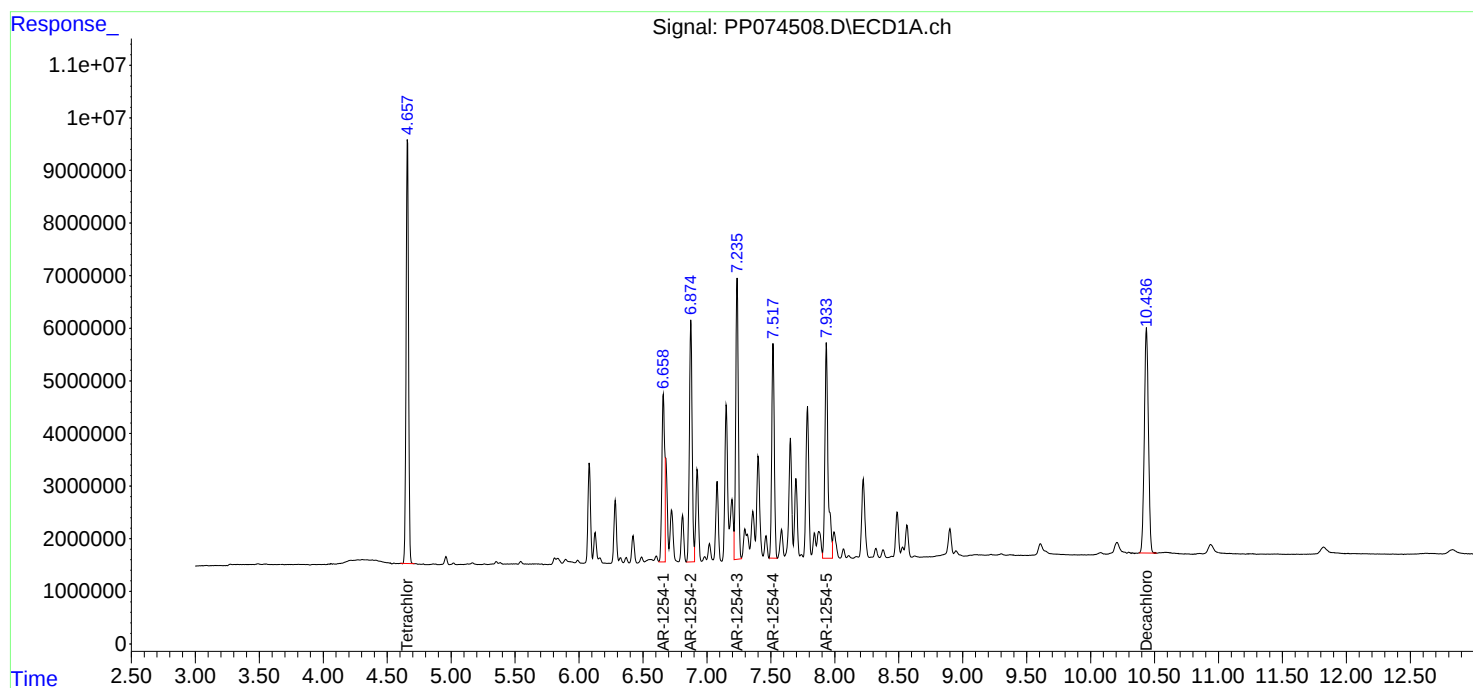
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:32:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : 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\PP081925\
 Data File : PP074509.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 14:53
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:24:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:23:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.801	84355338	368.0E6	71.111	73.905
2) SA Decachlor...	10.435	8.816	73886975	571.7E6	70.589	75.465
Target Compounds						
26) L6 AR-1254-1	6.655	5.683	40199220	345.4E6	682.551m	699.283
27) L6 AR-1254-2	6.873	5.830	55301971	262.7E6	695.681	751.609
28) L6 AR-1254-3	7.235	6.232	60201798	489.0E6	704.368	736.926
29) L6 AR-1254-4	7.516	6.459	45192418	356.9E6	702.008	721.543
30) L6 AR-1254-5	7.932	6.874	57258258	388.6E6	704.789	778.375m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074509.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 14:53
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

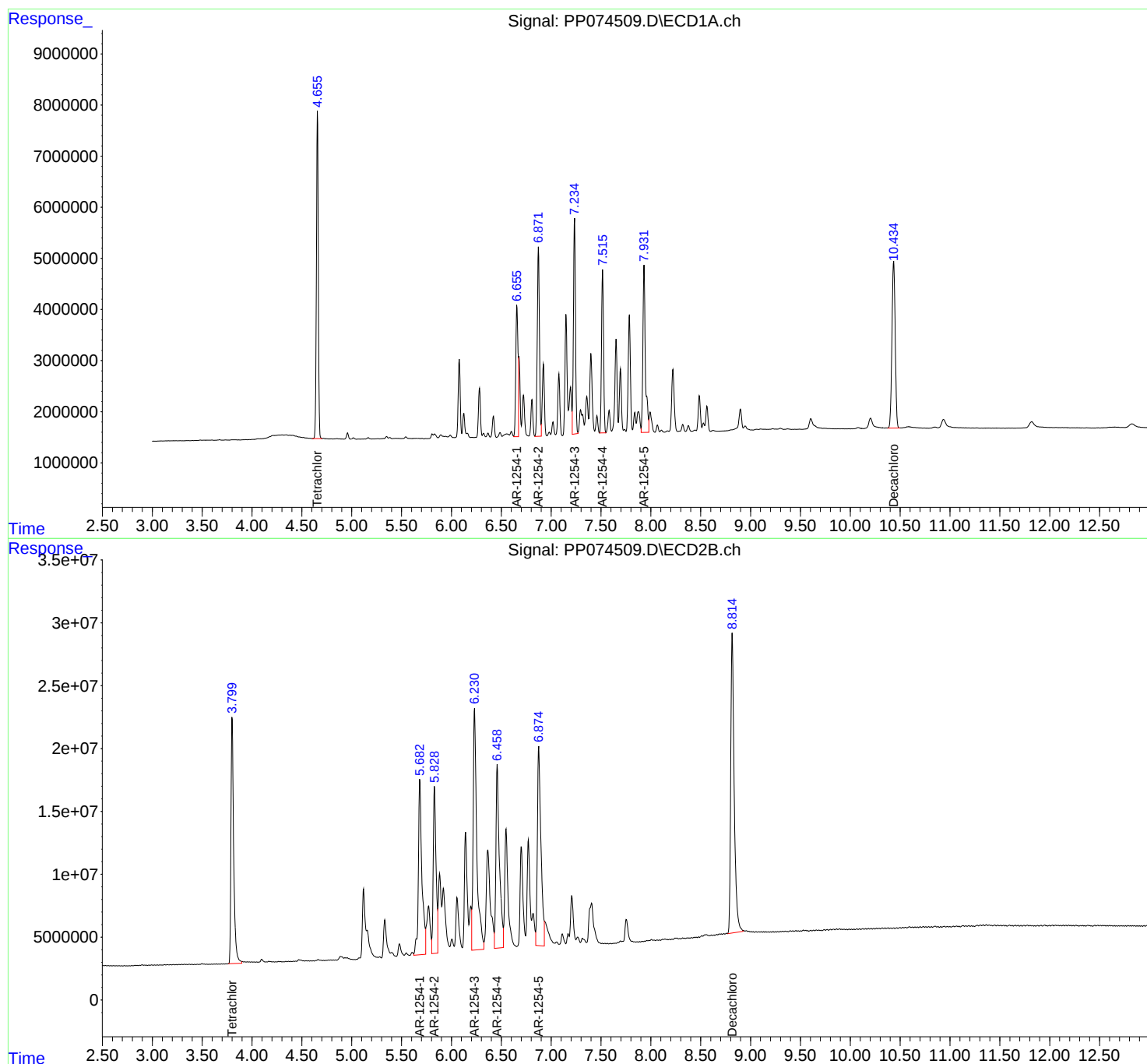
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : 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\PP081925\
 Data File : PP074510.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 15:10
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:24:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:23:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.801	59312230	249.0E6	50.000	50.000
2) SA Decachlor...	10.438	8.817	52335799	378.8E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.657	5.684	28511206	246.9E6	484.098m	500.000
27) L6 AR-1254-2	6.874	5.831	39746657	174.8E6	500.000	500.000
28) L6 AR-1254-3	7.236	6.233	42734643	331.8E6	500.000	500.000
29) L6 AR-1254-4	7.517	6.459	32187957	247.3E6	500.000	500.000
30) L6 AR-1254-5	7.934	6.877	40620840	249.6E6	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\PP081925\
Data File : PP074510.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:10
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

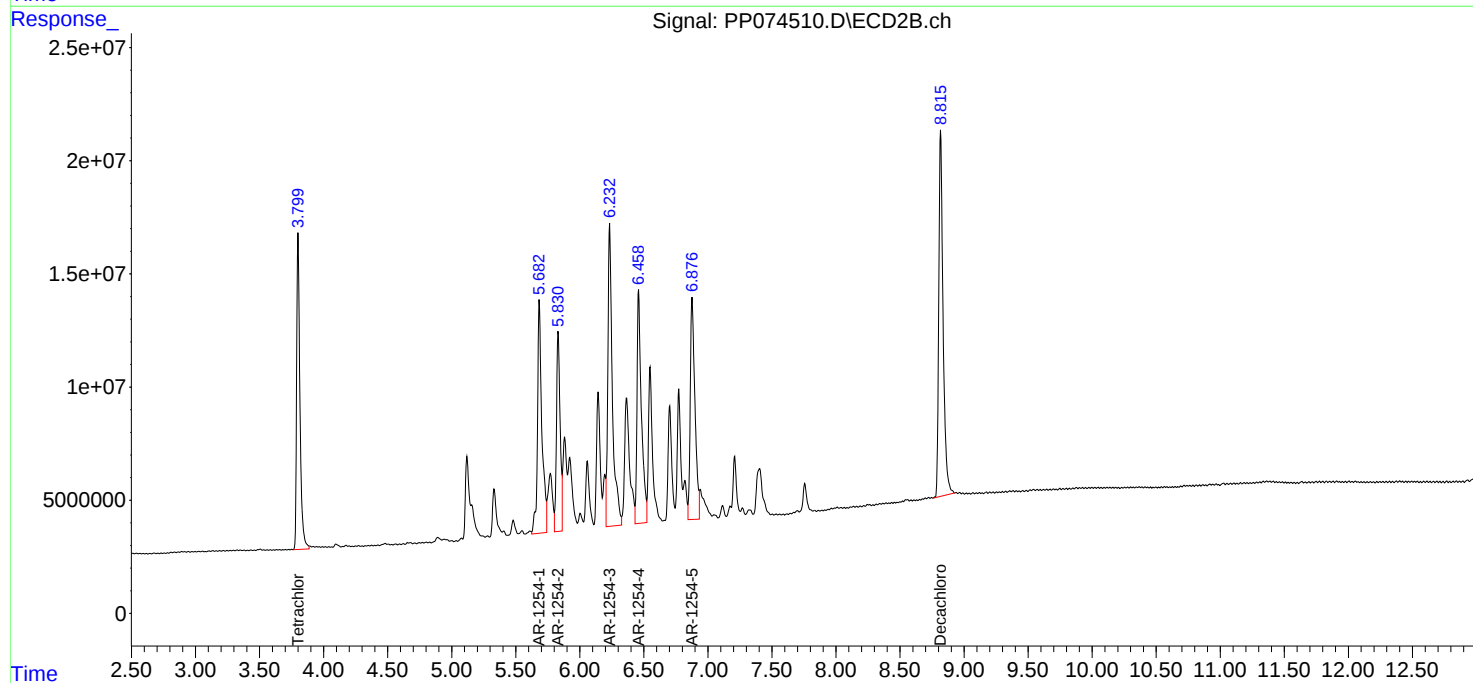
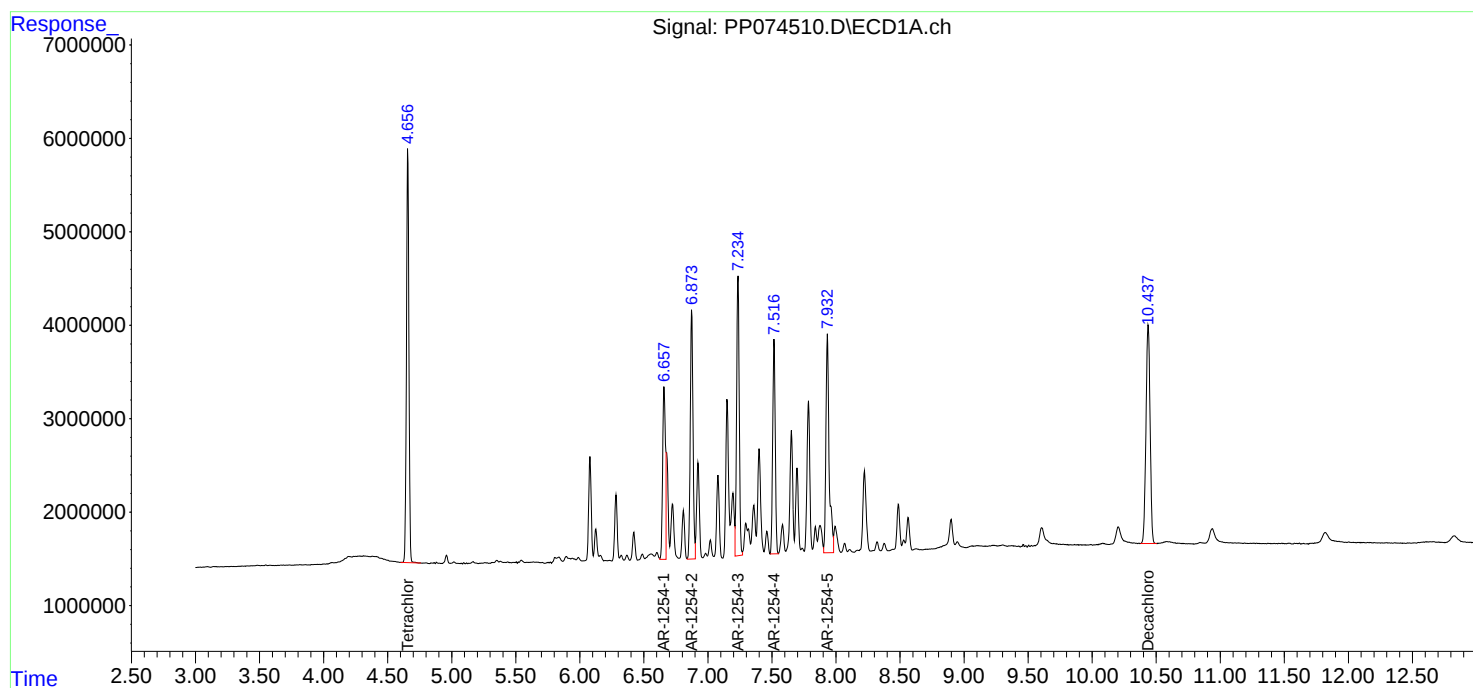
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : 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\PP081925\
 Data File : PP074511.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 15:42
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:24:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:23:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.800	31994256	115.5E6	26.971	23.196
2) SA Decachlor...	10.435	8.815	28652955	191.8E6	27.374	25.314
Target Compounds						
26) L6 AR-1254-1	6.655	5.683	15890216	119.9E6	269.803m	242.811
27) L6 AR-1254-2	6.873	5.829	22034196	89396429	277.183	255.763
28) L6 AR-1254-3	7.234	6.233	23677562	156.6E6	277.030	235.946
29) L6 AR-1254-4	7.516	6.458	17794501	118.2E6	276.416	238.941
30) L6 AR-1254-5	7.932	6.875	22325080	128.4E6	274.798	257.251

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074511.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:42
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

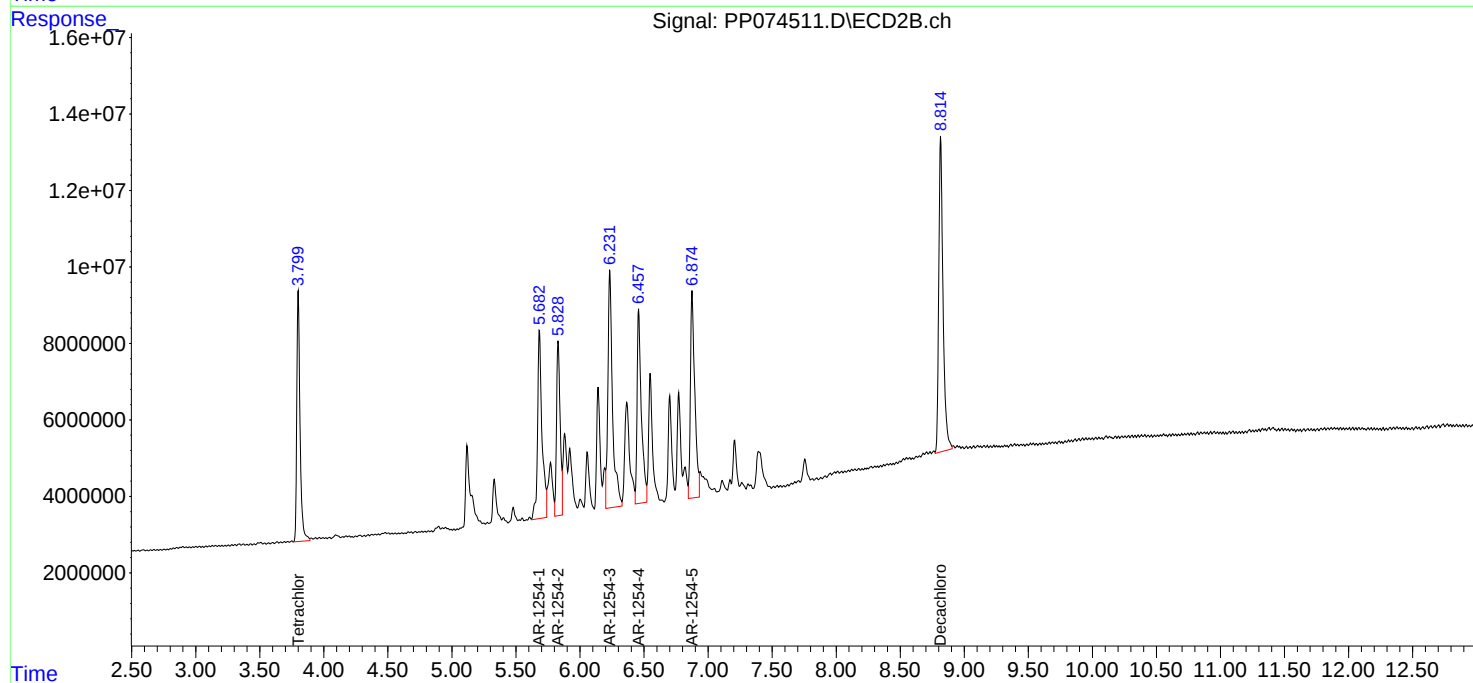
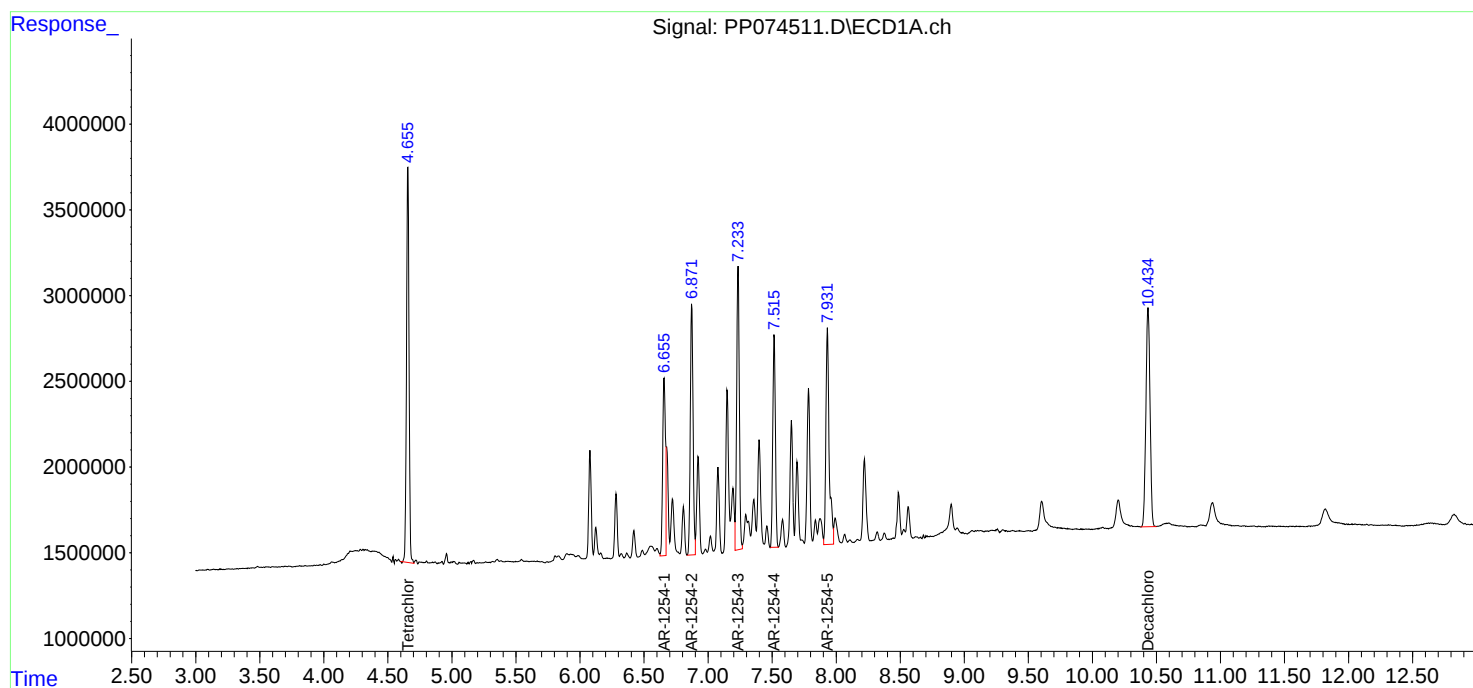
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:24:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : 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\PP081925\
 Data File : PP074512.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 15:58
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:25:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:23:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.799	6824177	16356890	5.753	3.285 #
2) SA Decachlor...	10.435	8.814	5925526	36307802	5.661	4.793
Target Compounds						
26) L6 AR-1254-1	6.654	5.682	3432859	24935505	58.287m	50.488
27) L6 AR-1254-2	6.872	5.830	4885847	18783341	61.462	53.739
28) L6 AR-1254-3	7.231	6.232	5507525	26251359	64.439m	39.562 #
29) L6 AR-1254-4	7.515	6.457	3846980	21709681	59.758	43.891 #
30) L6 AR-1254-5	7.931	6.876	4851004	21373298	59.711	42.814 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074512.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 15:58
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

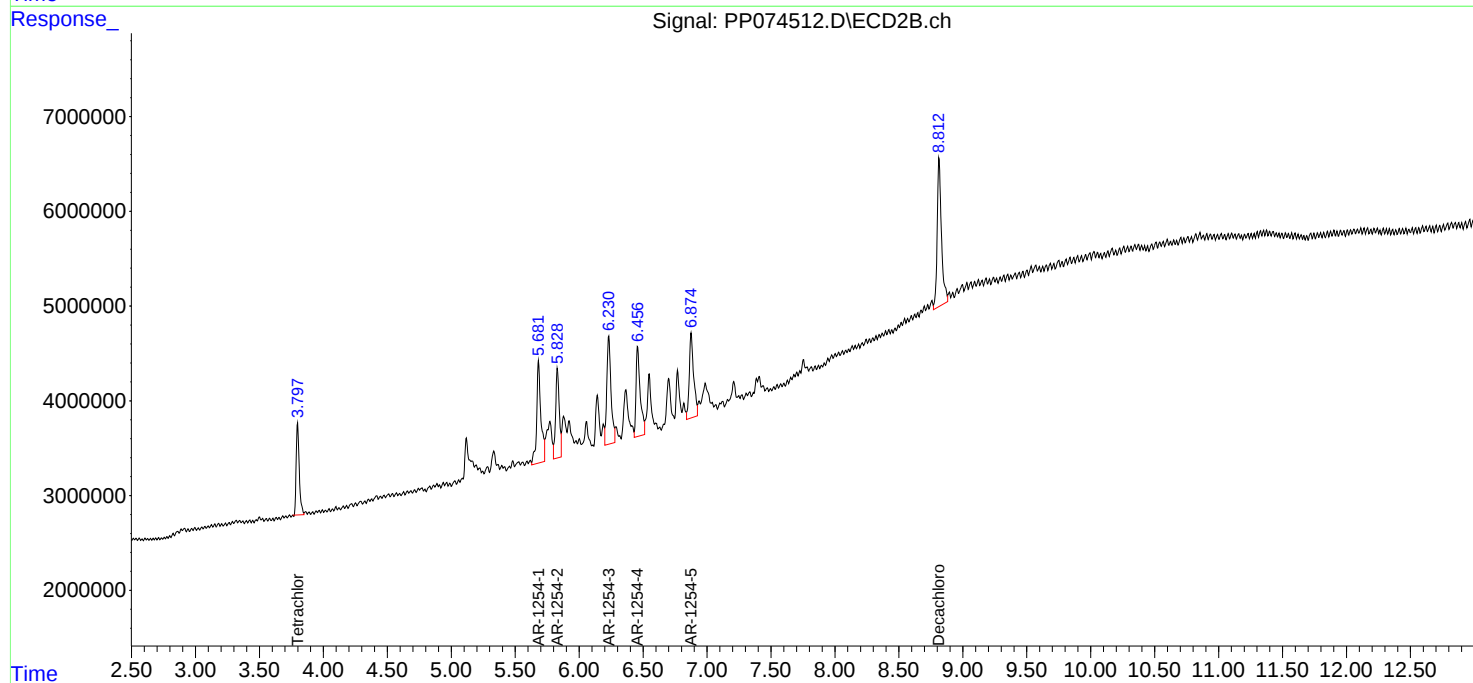
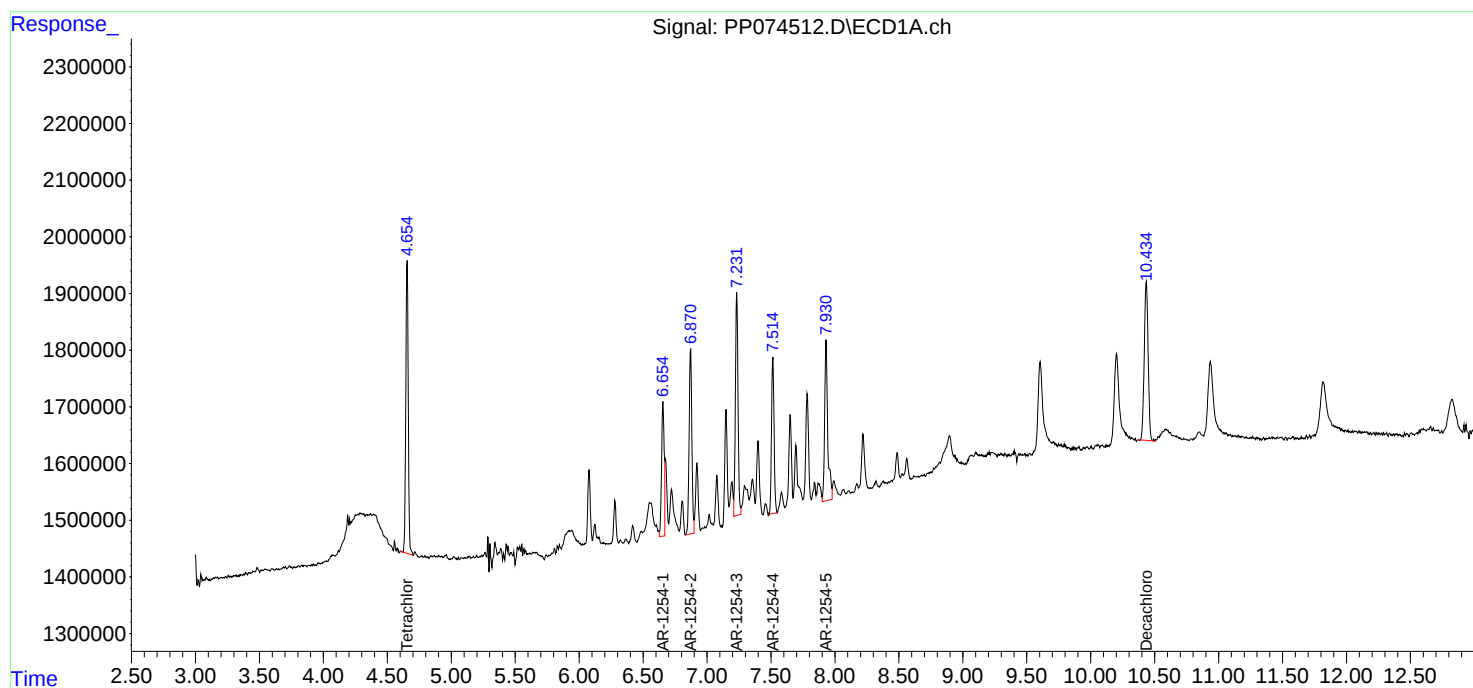
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:25:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:23:21 2025
Response via : 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\PP081925\
 Data File : PP074513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 16:14
 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: Aug 20 05:44:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:44:14 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.804	57502488	227.3E6	50.000	50.000
2) SA Decachlor...	10.436	8.817	51520636	381.5E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.241	6.917	38507994	353.6E6	500.000	500.000
37) L8 AR-1262-2	8.566	7.175	66190269	260.4E6	500.000	500.000
38) L8 AR-1262-3	8.892	7.698	48606172	233.1E6	500.000	500.000
39) L8 AR-1262-4	8.979	7.761	37665153	410.9E6	500.000	500.000
40) L8 AR-1262-5	9.650	8.255	30478105	179.2E6	500.000	500.000

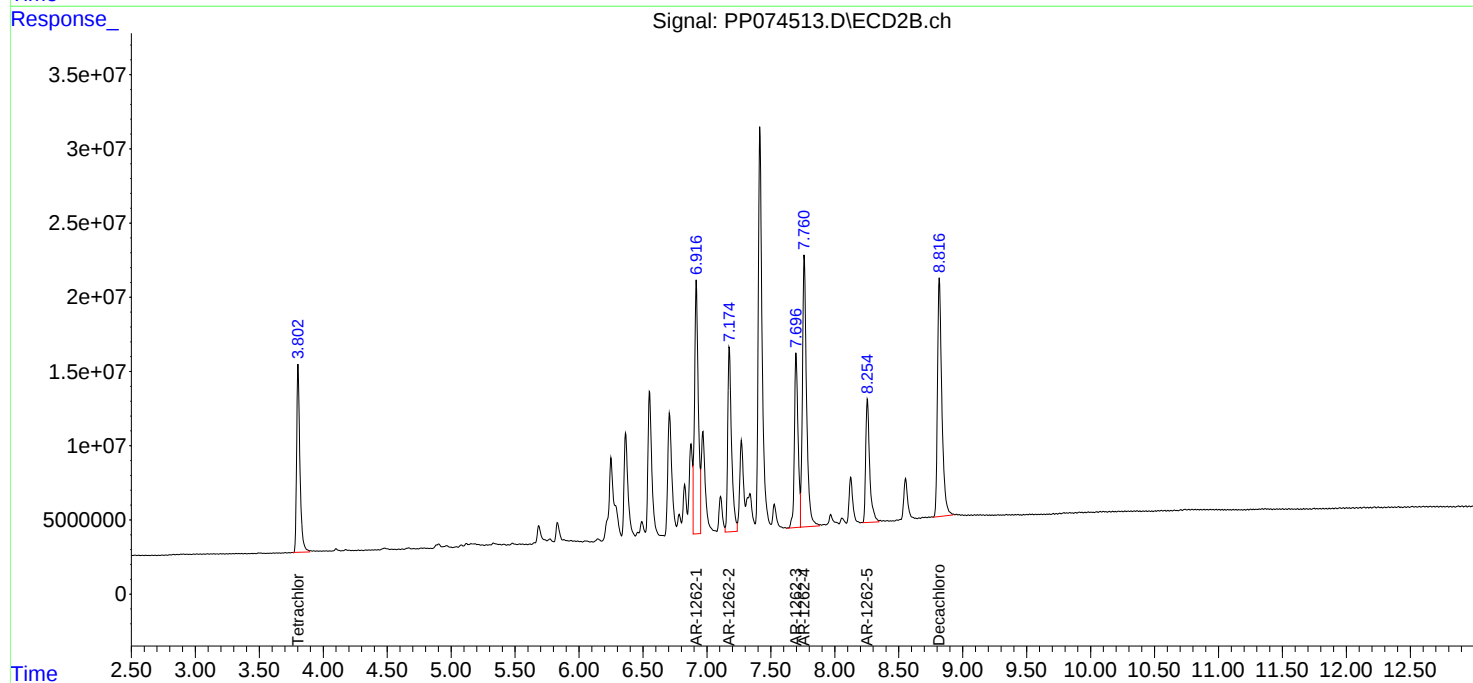
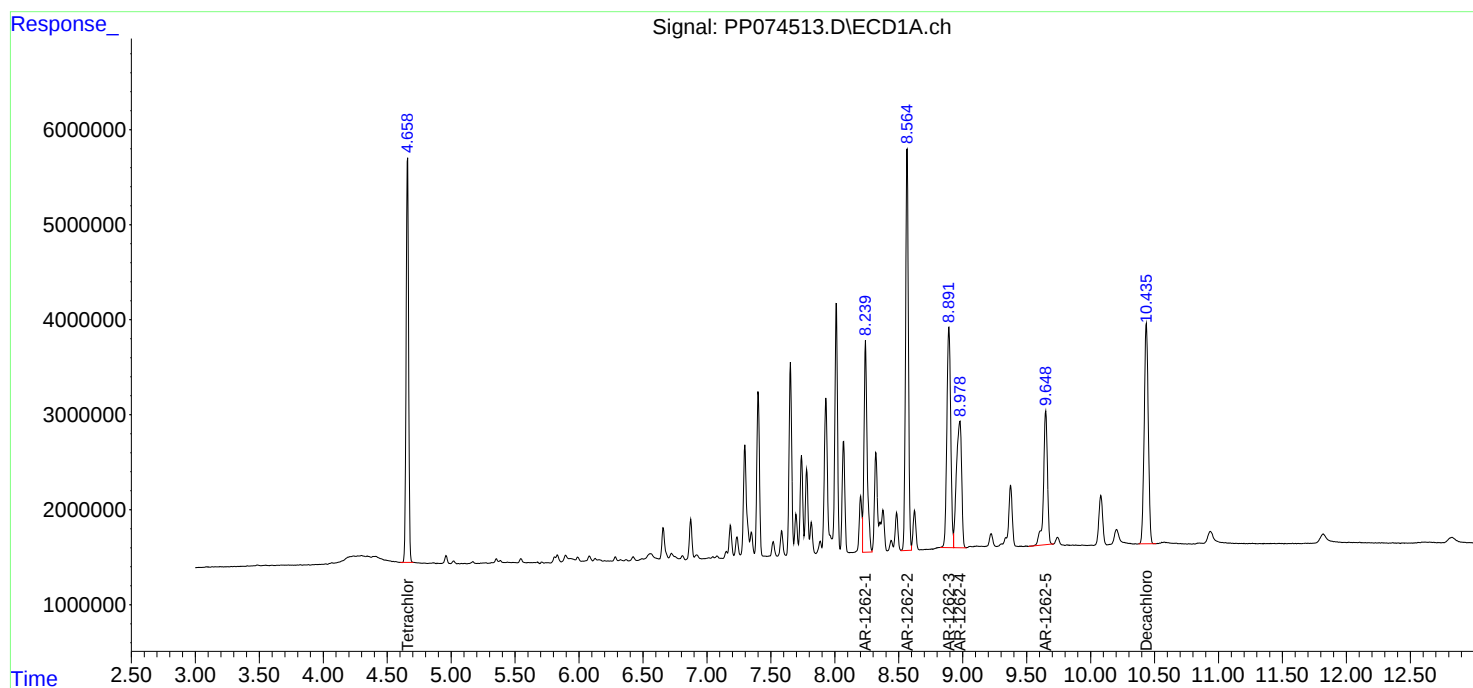
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:14
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: Aug 20 05:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:44:14 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074514.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 16:31
 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: Aug 20 05:48:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:47:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.801	114.0E6	521.1E6	93.744	105.549
2) SA Decachlor...	10.431	8.814	164.3E6	1439.1E6	90.456	99.845
Target Compounds						
41) L9 AR-1268-1	8.883	7.695	145.4E6	1582.0E6	909.781	1022.749
42) L9 AR-1268-2	8.978	7.758	135.1E6	1588.2E6	913.226	1100.911
43) L9 AR-1268-3	9.219	7.967	112.8E6	1131.1E6	907.046	1006.488
44) L9 AR-1268-4	9.645	8.252	60062429	434.0E6	868.130	1045.494
45) L9 AR-1268-5	10.076	8.552	347.9E6	3414.1E6	934.640	998.029

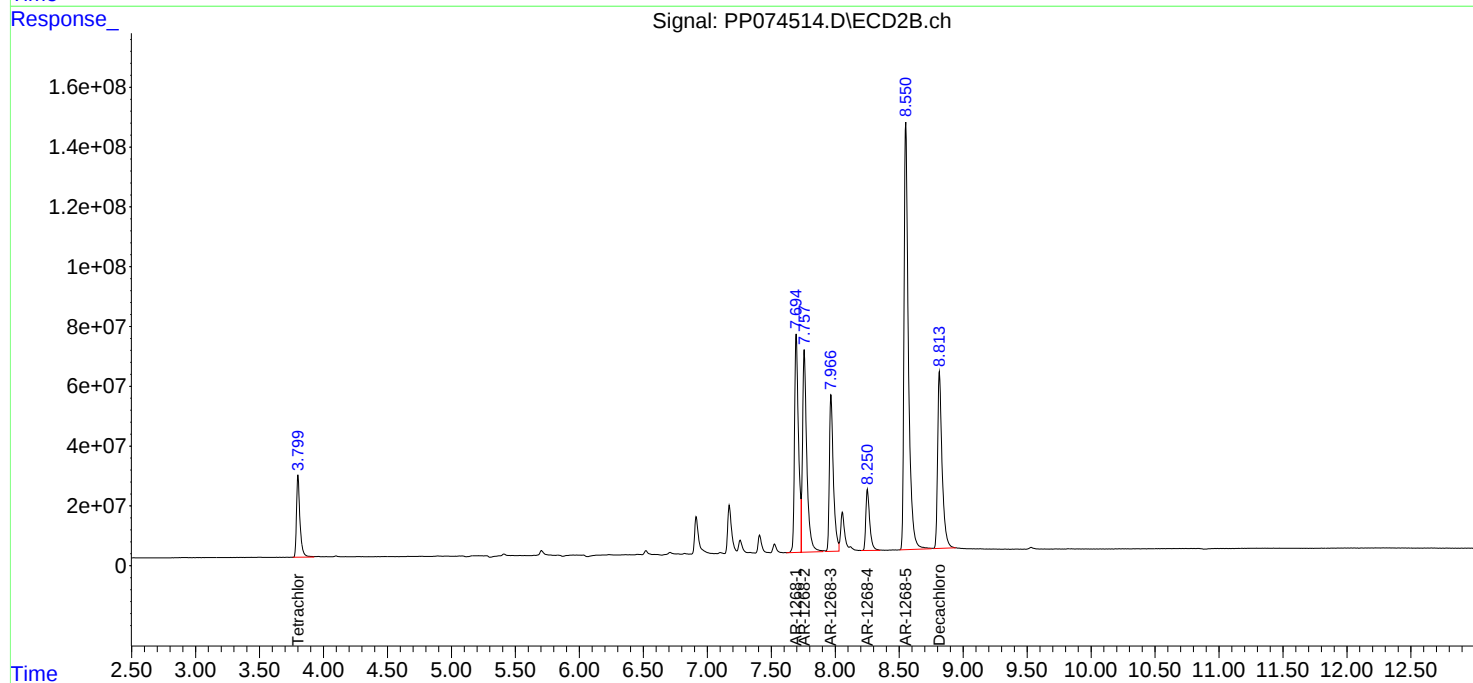
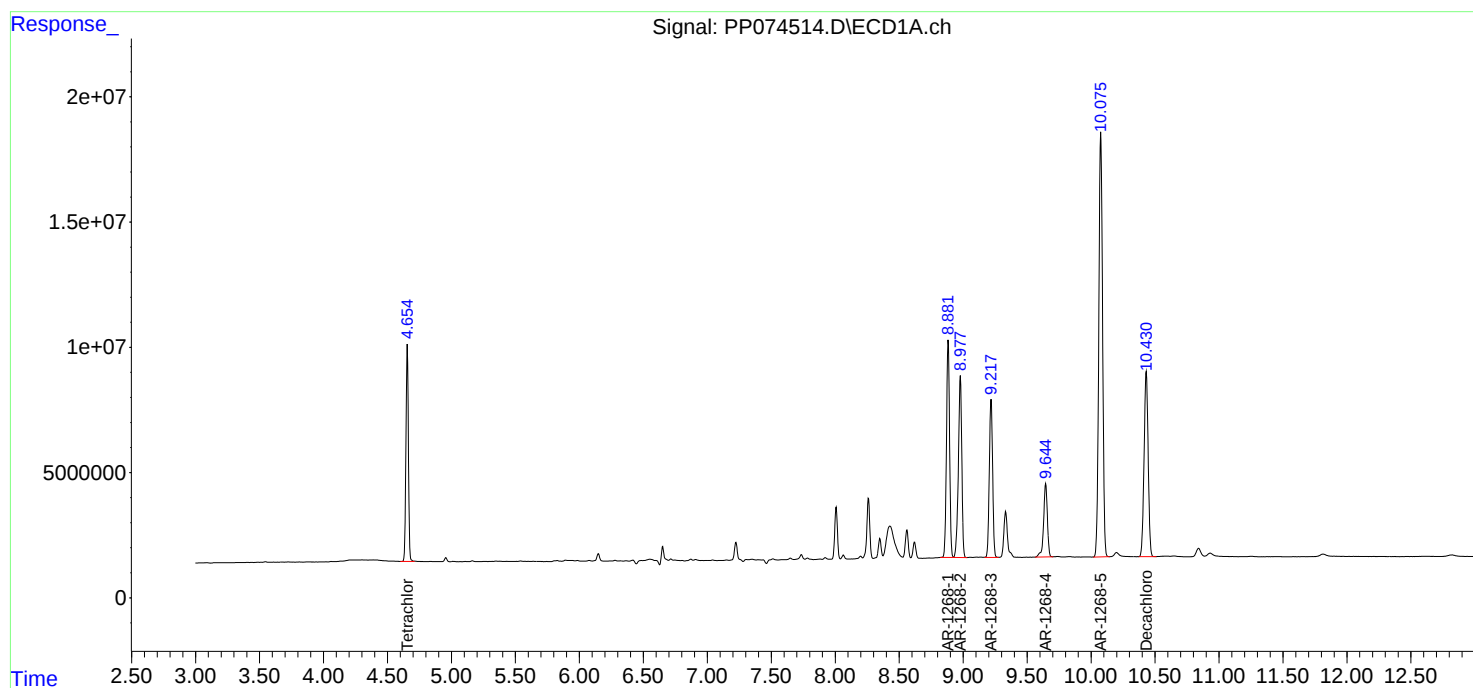
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074514.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:31
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: Aug 20 05:48:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074515.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 16:47
 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: Aug 20 05:48:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:47:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.803	87209689	376.1E6	71.744	76.172
2) SA Decachlor...	10.437	8.818	126.4E6	1059.1E6	69.561	73.481
Target Compounds						
41) L9 AR-1268-1	8.888	7.698	111.9E6	1066.9E6	700.520	689.766
42) L9 AR-1268-2	8.983	7.761	103.7E6	1072.4E6	701.017	743.340
43) L9 AR-1268-3	9.223	7.969	86537530	825.2E6	695.631	734.299
44) L9 AR-1268-4	9.651	8.255	46716461	313.2E6	675.230	754.576
45) L9 AR-1268-5	10.082	8.554	264.3E6	2492.1E6	709.949	728.510

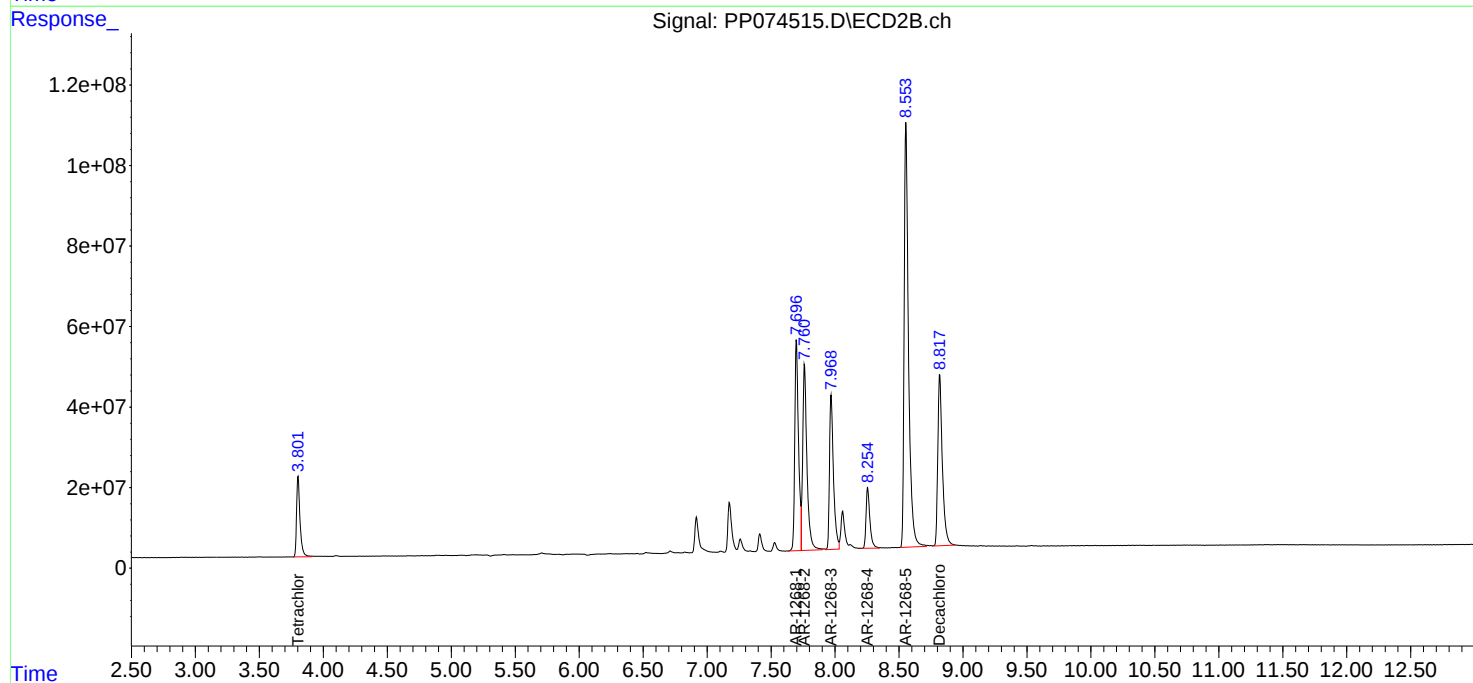
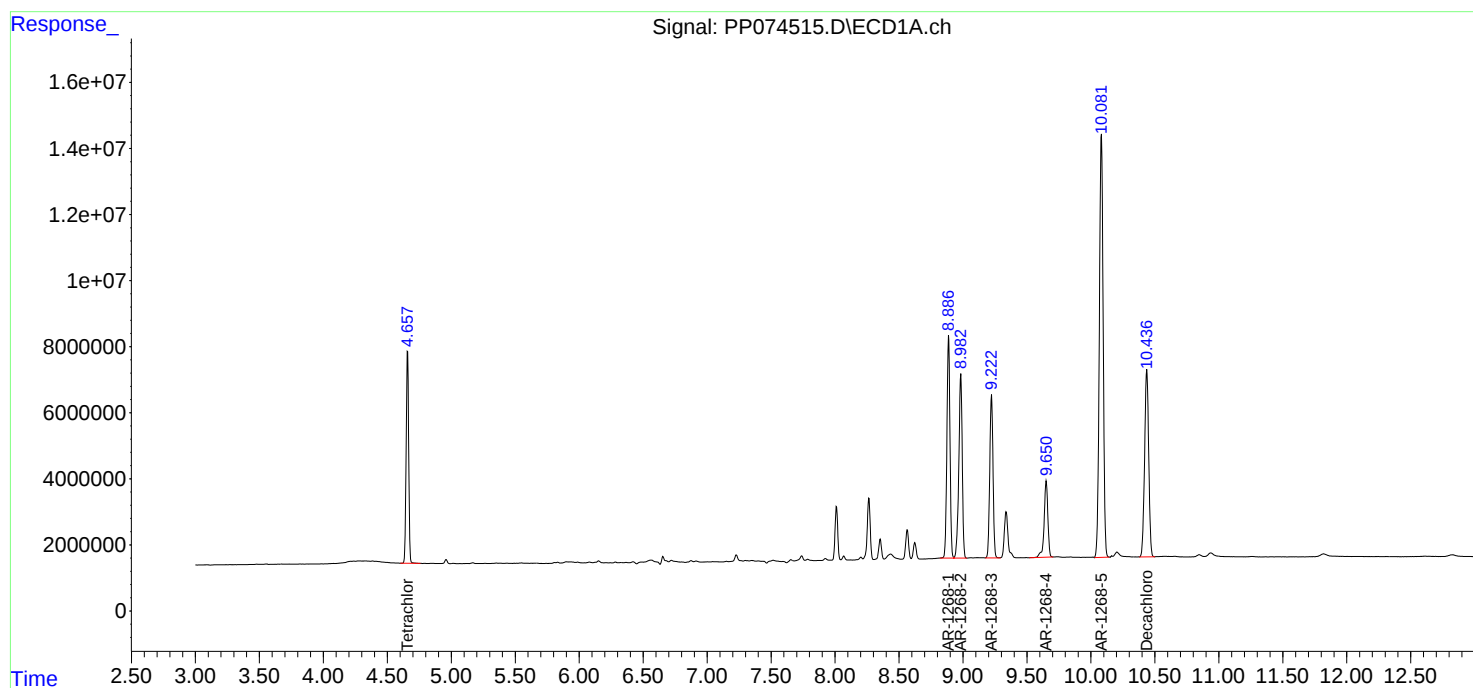
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074515.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 16:47
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: Aug 20 05:48:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : 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\PP081925\
 Data File : PP074516.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 17:03
 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: Aug 20 05:48:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:47:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.799	60777964	246.9E6	50.000	50.000
2) SA Decachlor...	10.433	8.813	90824753	720.7E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.884	7.694	79899530	773.4E6	500.000	500.000
42) L9 AR-1268-2	8.979	7.757	73984387	721.3E6	500.000	500.000
43) L9 AR-1268-3	9.219	7.966	62200769	561.9E6	500.000	500.000
44) L9 AR-1268-4	9.646	8.250	34592983	207.5E6	500.000	500.000
45) L9 AR-1268-5	10.078	8.550	186.1E6	1710.4E6	500.000	500.000

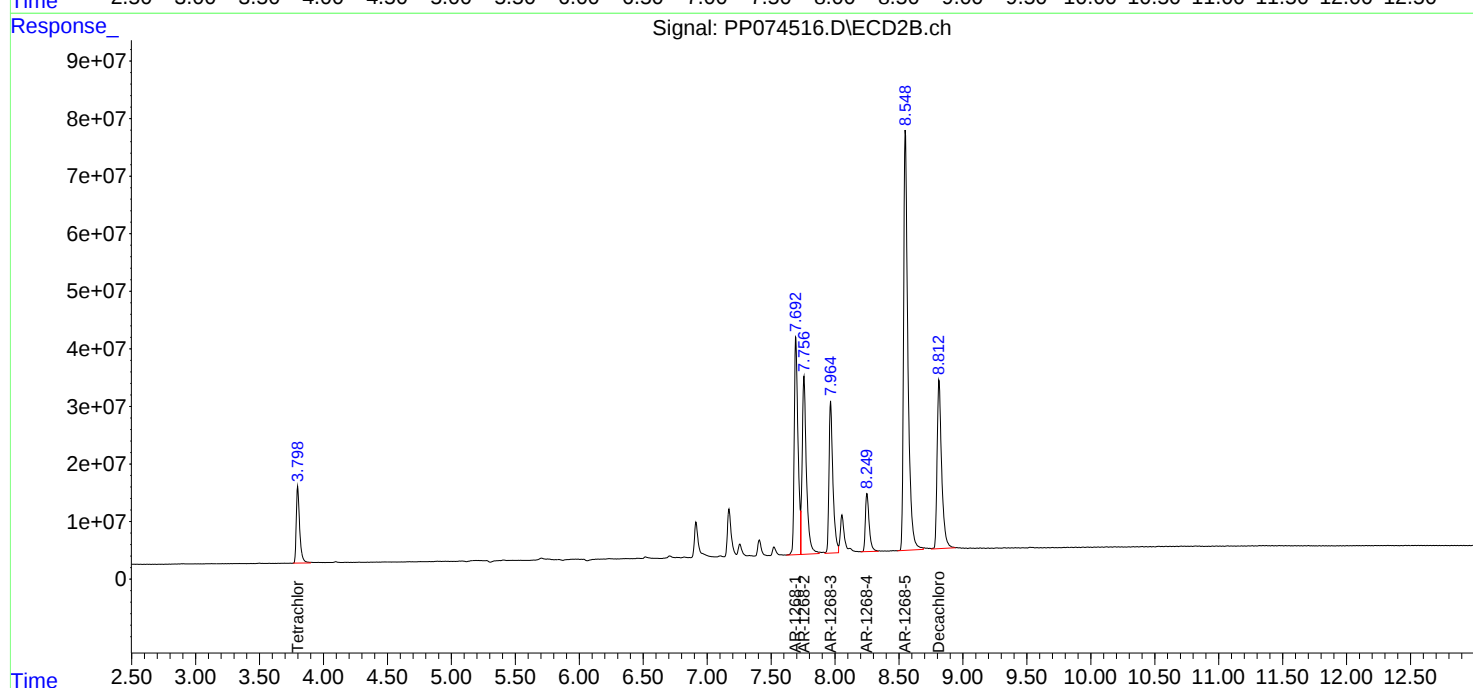
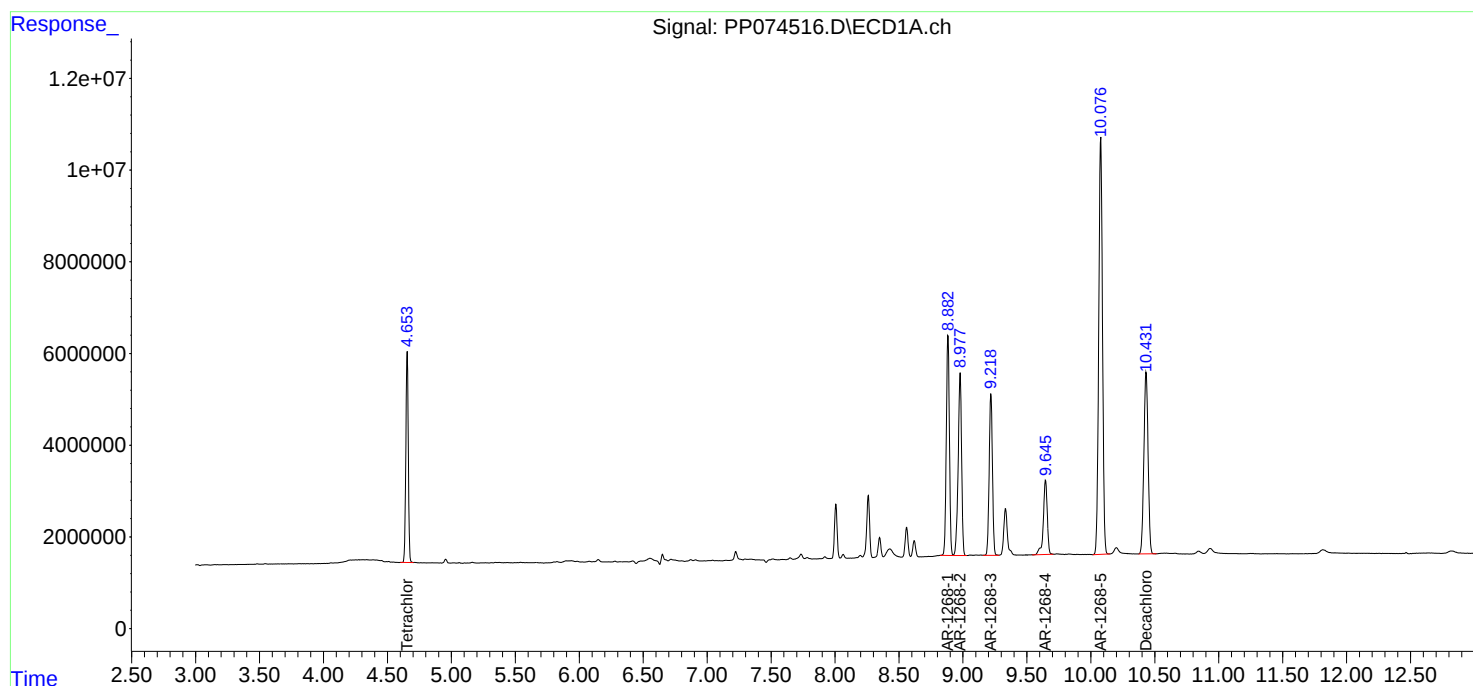
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074516.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:03
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: Aug 20 05:48:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 17:19
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:49:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:47:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.803	32326809	120.4E6	26.594	24.385
2) SA Decachlor...	10.437	8.818	49221283	358.0E6	27.097	24.836
Target Compounds						
41) L9 AR-1268-1	8.888	7.699	43809566	363.3E6	274.154	234.894
42) L9 AR-1268-2	8.984	7.761	40268123	353.3E6	272.139	244.915
43) L9 AR-1268-3	9.223	7.970	33730438	269.3E6	271.142	239.682
44) L9 AR-1268-4	9.651	8.254	18081868	98406918	261.352	237.069
45) L9 AR-1268-5	10.082	8.554	99244212	825.3E6	266.594	241.244

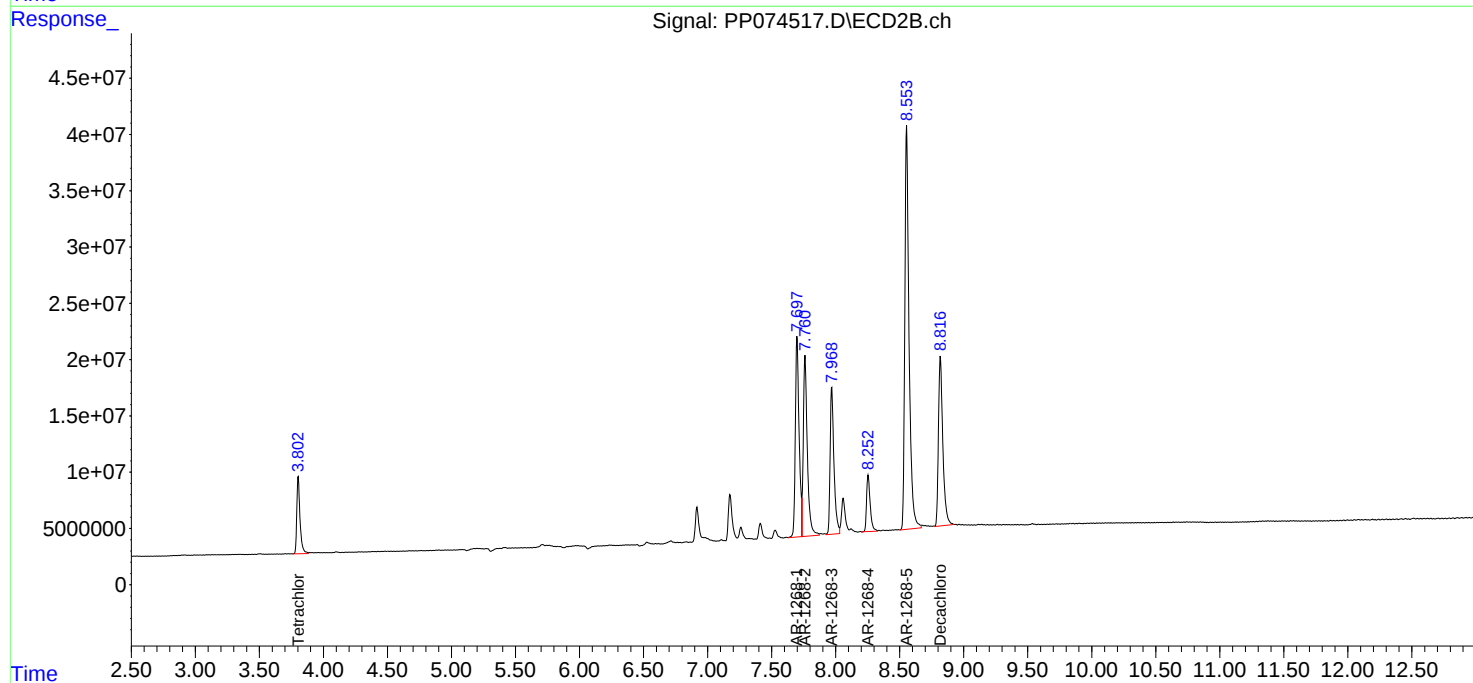
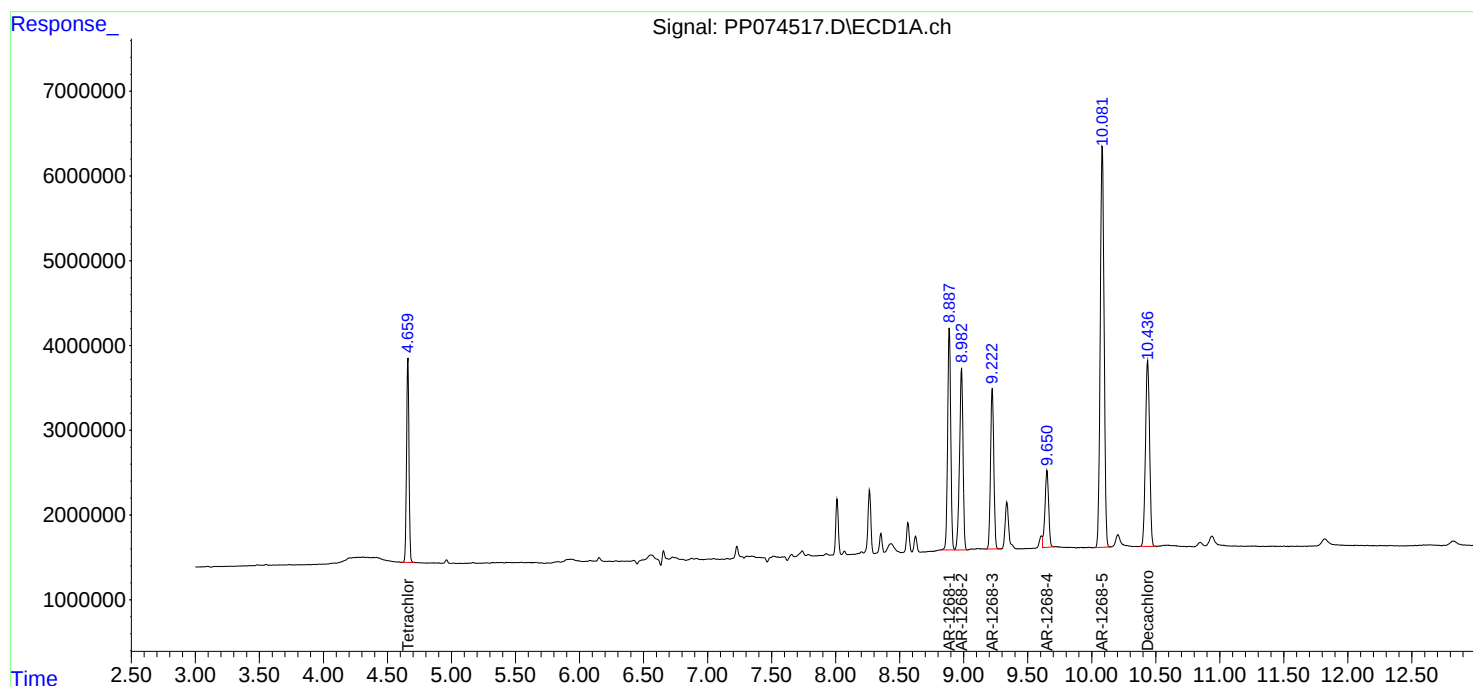
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074517.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:19
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : 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\PP081925\
 Data File : PP074518.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 17:36
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:49:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:47:33 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.797	5929694	15207908	4.878	3.080m#
2) SA Decachlor...	10.433	8.813	9232334	53747483	5.082	3.729 #
Target Compounds						
41) L9 AR-1268-1	8.884	7.693	9026003	52383576	56.483	33.865 #
42) L9 AR-1268-2	8.980	7.756	7560556	47155232	51.096	32.686 #
43) L9 AR-1268-3	9.219	7.964	6519117	39184495	52.404	34.869 #
44) L9 AR-1268-4	9.647	8.250	3622509	12757141	52.359	30.733 #
45) L9 AR-1268-5	10.078	8.549	19064676	111.1E6	51.212	32.473 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074518.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:36
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

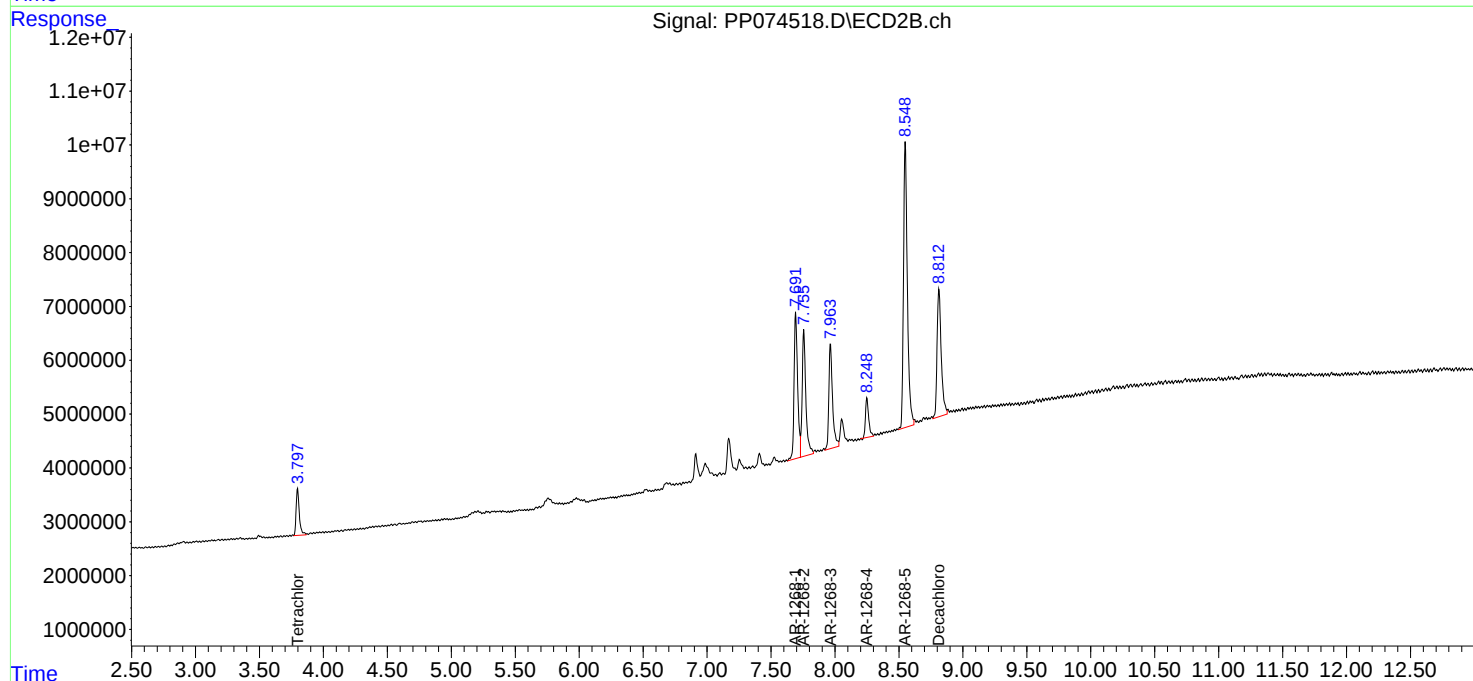
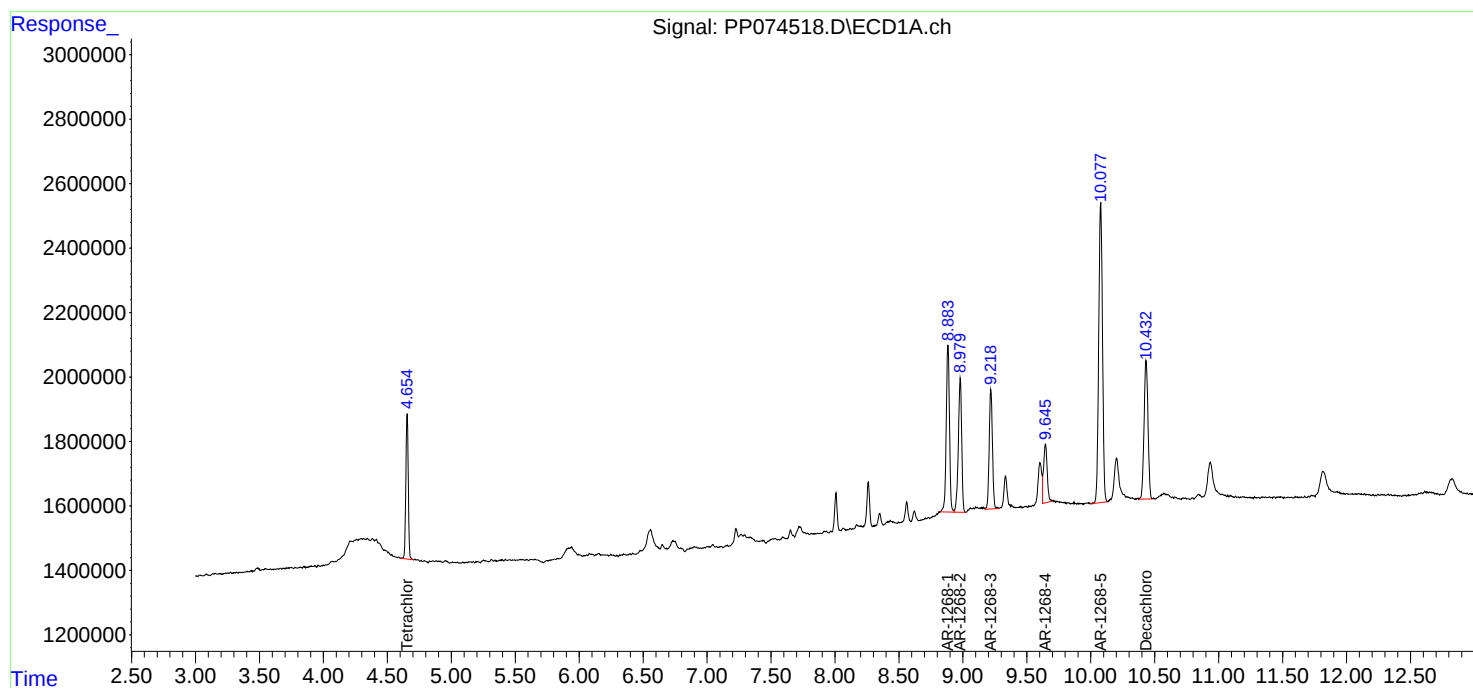
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:49:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:47:33 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074519.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 17:52
 Operator : YP\AJ
 Sample : PP081925ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP081925

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:23:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.802	56842653	228.5E6	46.452	47.259
2) SA Decachlor...	10.435	8.817	50219148	360.9E6	50.854	48.127
Target Compounds						
3) L1 AR-1016-1	5.809	4.901	20384085	238.3E6	462.341	467.803
4) L1 AR-1016-2	5.830	4.960	30649421	113.5E6	487.725	476.718
5) L1 AR-1016-3	5.893	5.079	20869297	64619014	464.651	468.581
6) L1 AR-1016-4	5.990	5.121	17006846	64496987	483.399	461.341
7) L1 AR-1016-5	6.283	5.335	16393488	71417891	493.987	430.012
31) L7 AR-1260-1	7.400	6.365	27587306	174.2E6	477.210	464.246
32) L7 AR-1260-2	7.652	6.551	32691813	240.4E6	474.362	454.622
33) L7 AR-1260-3	8.011	6.705	26067073	184.7E6	502.398	426.529
34) L7 AR-1260-4	8.239	7.174	30945462	184.5E6	485.094	483.638
35) L7 AR-1260-5	8.564	7.414	54844125	472.4E6	483.583	470.272

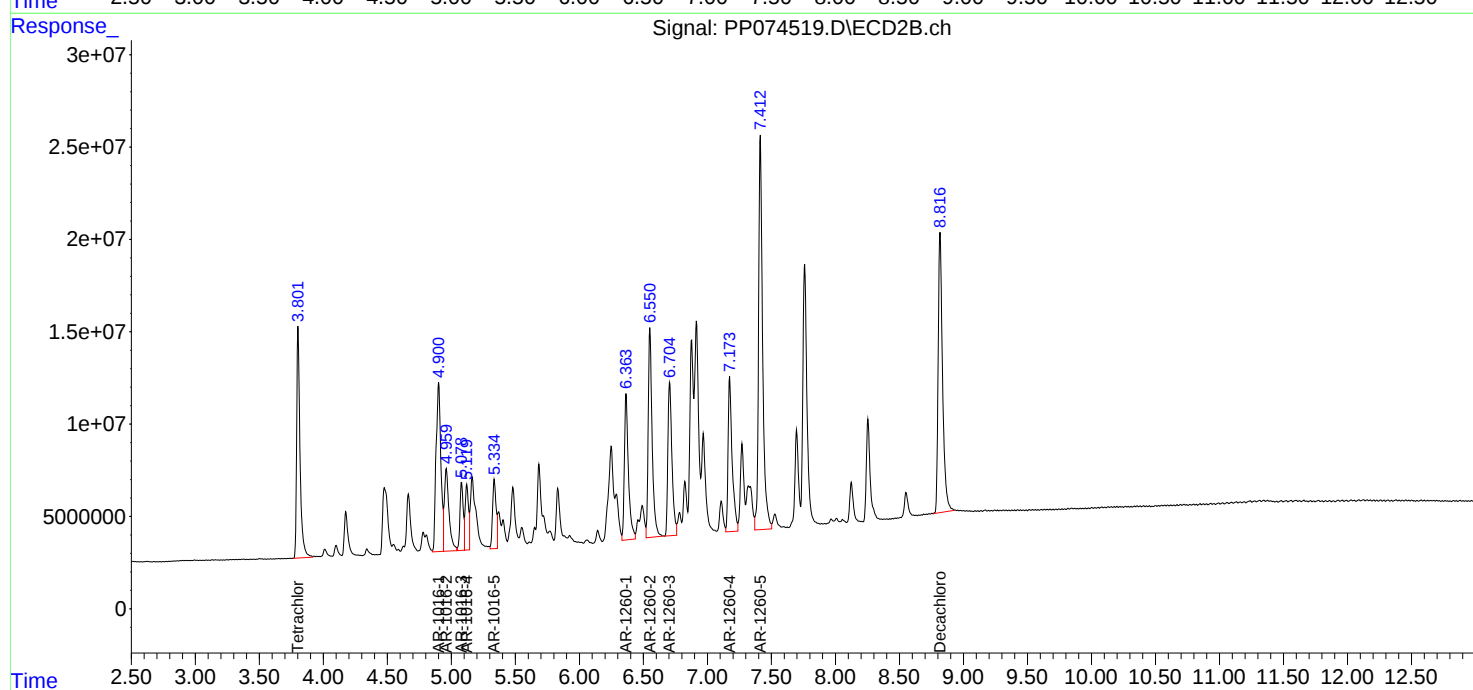
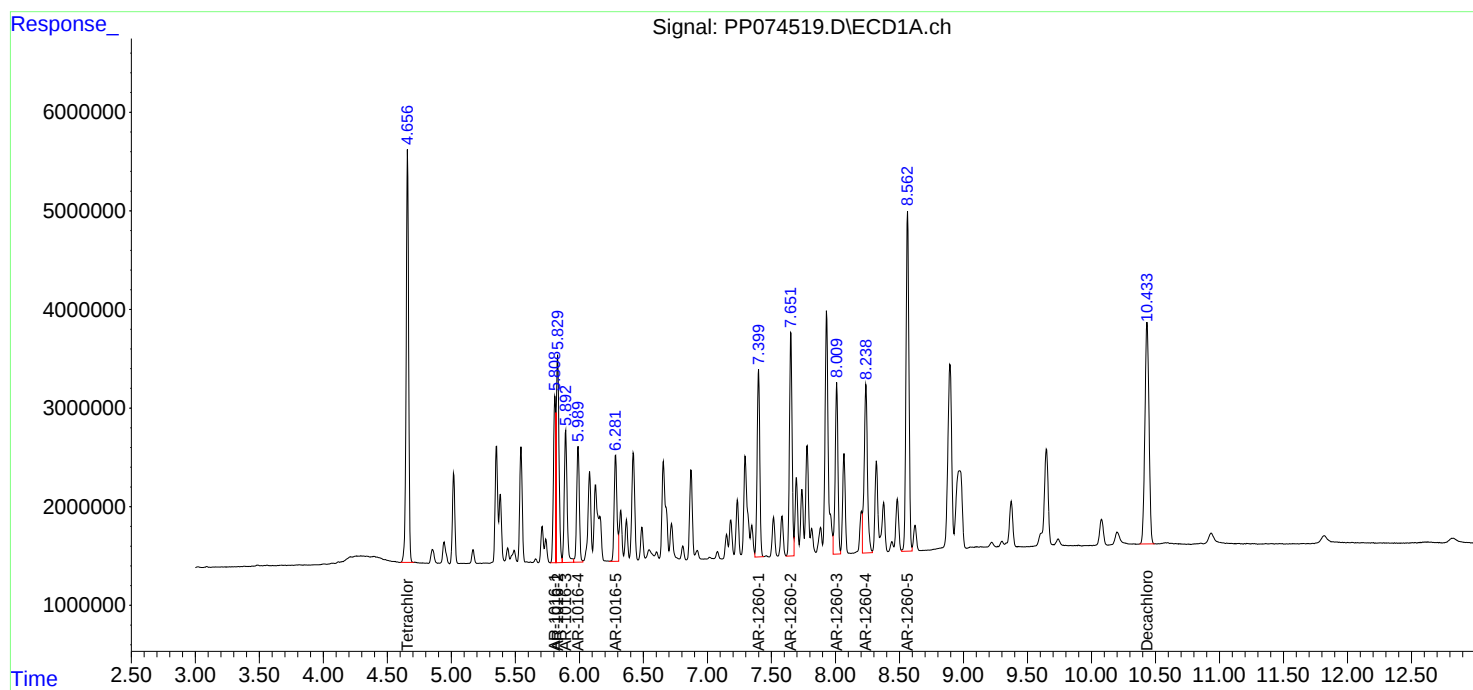
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074519.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 17:52
Operator : YP\AJ
Sample : PP081925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:23:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074520.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:13
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP081925AR1242

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 07:34:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.800	61135884	251.3E6	49.960	51.980
2) SA Decachlor...	10.431	8.814	53404053	390.6E6	54.079	52.086
Target Compounds						
16) L4 AR-1242-1	5.806	4.899	19151882	227.5E6	500.373	539.355
17) L4 AR-1242-2	5.828	4.957	28372669	113.8E6	502.331	568.037
18) L4 AR-1242-3	5.890	5.077	19007473	66780181	468.131	564.507
19) L4 AR-1242-4	5.987	5.159	15591341	74977569	491.192	438.057m
20) L4 AR-1242-5	6.716	5.679	20582509	100.2E6	570.617	541.319m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074520.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:13
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 47 Sample Multiplier: 1

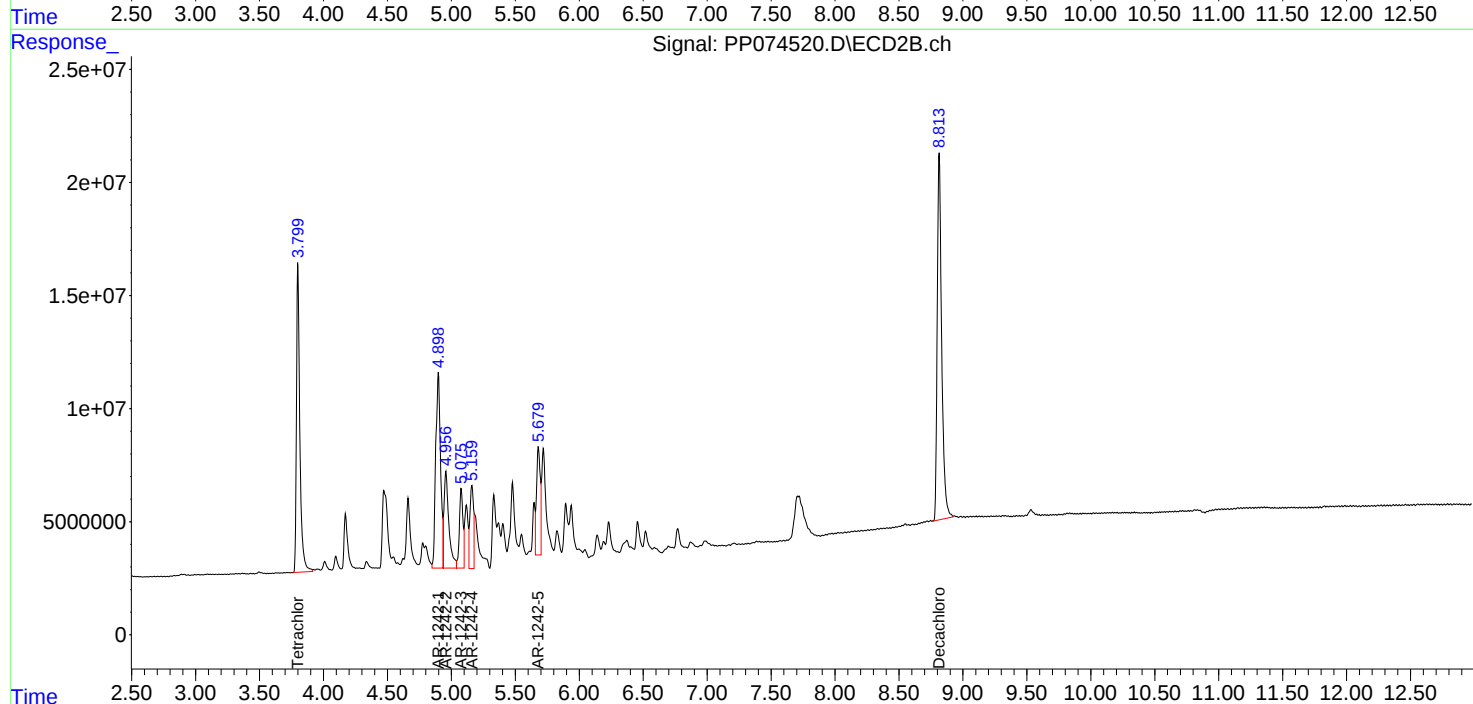
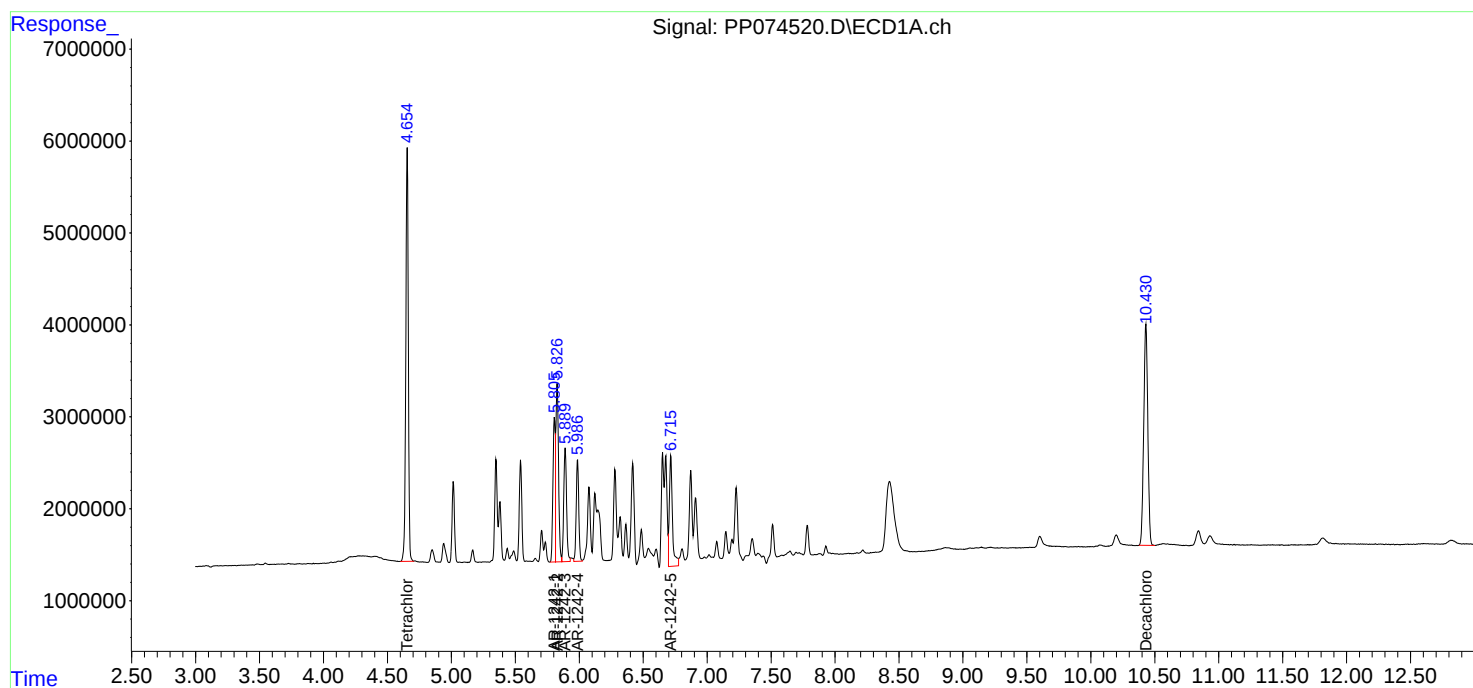
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1242

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 07:34:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074521.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 19:29
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP081925AR1248

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:24:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.652	3.800	59071103	245.5E6	48.273	50.777
2) SA Decachlor...	10.426	8.814	53112171	392.5E6	53.784	52.342
Target Compounds						
21) L5 AR-1248-1	5.803	4.899	15042012	140.4E6	497.684	508.260
22) L5 AR-1248-2	6.074	5.118	21382962	94490320	496.170	534.582
23) L5 AR-1248-3	6.277	5.159	23315343	110.8E6	499.219	487.816m
24) L5 AR-1248-4	6.675	5.332	26915269	110.6E6	489.361	507.322
25) L5 AR-1248-5	6.714	5.722	26936491	191.5E6	485.601	521.315

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074521.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 19:29
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

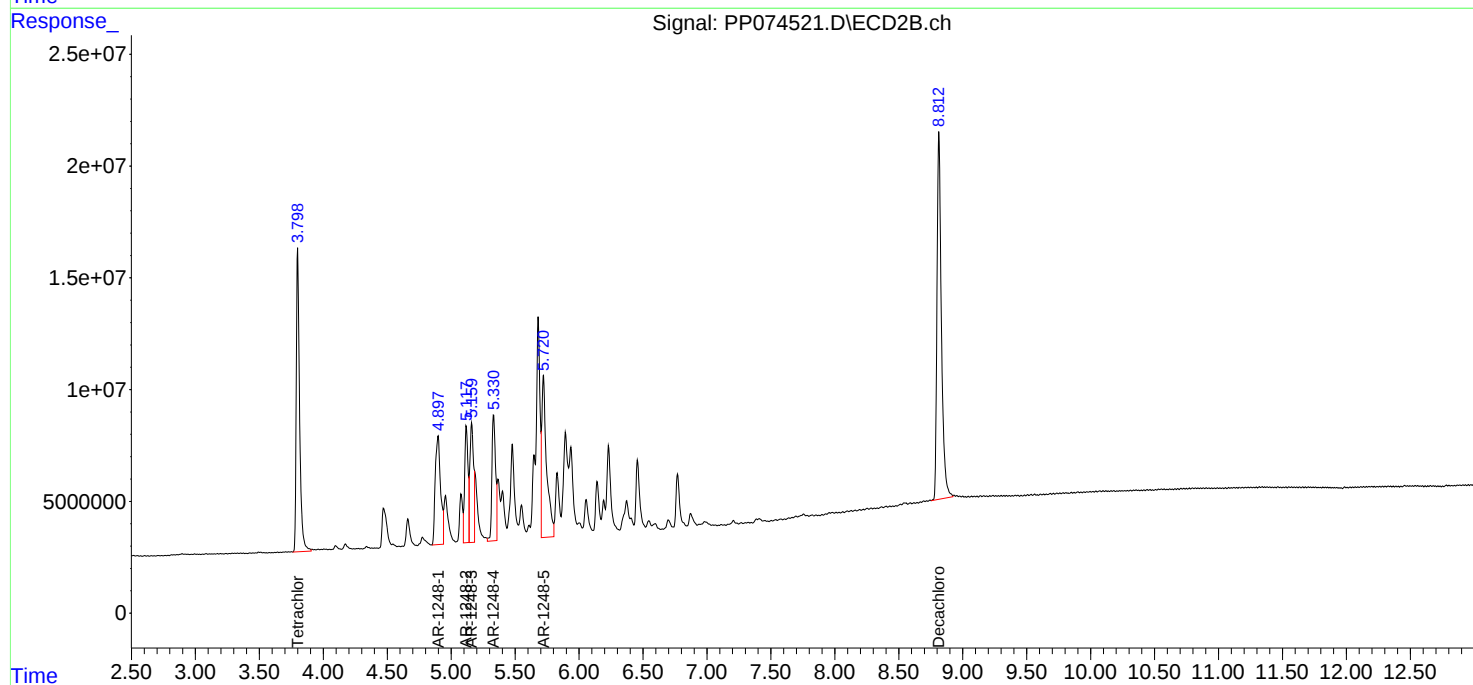
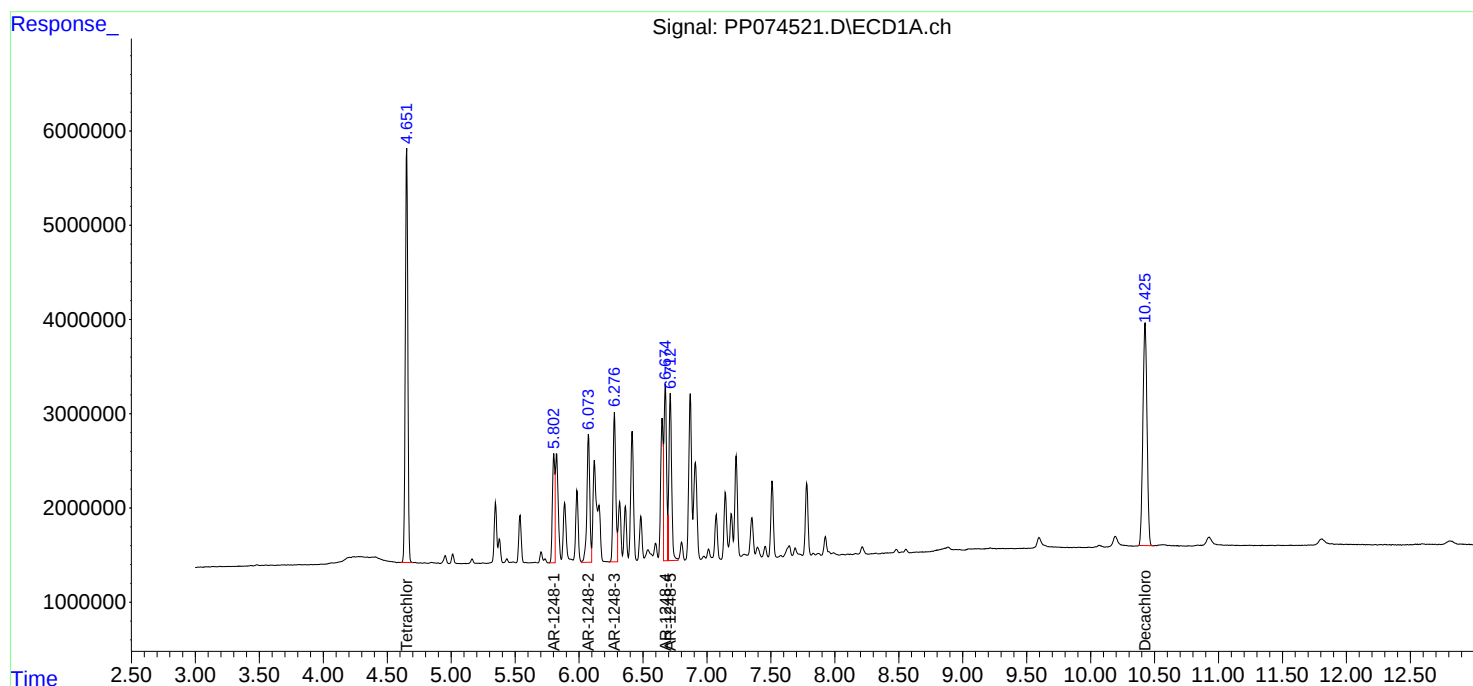
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1248

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP081925\
 Data File : PP074522.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 20:18
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP081925AR1254

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/20/2025
 Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 06:24:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.800	56166806	231.3E6	45.900	47.840
2) SA Decachlor...	10.432	8.813	50817971	371.3E6	51.461	49.507
Target Compounds						
26) L6 AR-1254-1	6.655	5.682	26836668	232.6E6	460.562m	487.928
27) L6 AR-1254-2	6.872	5.830	38555301	169.1E6	472.399	480.246
28) L6 AR-1254-3	7.233	6.231	41293274	315.3E6	462.896	508.643
29) L6 AR-1254-4	7.515	6.458	31170607	231.8E6	472.901	494.686
30) L6 AR-1254-5	7.931	6.875	39856792	247.9E6	479.711	505.396

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074522.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 20:18
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

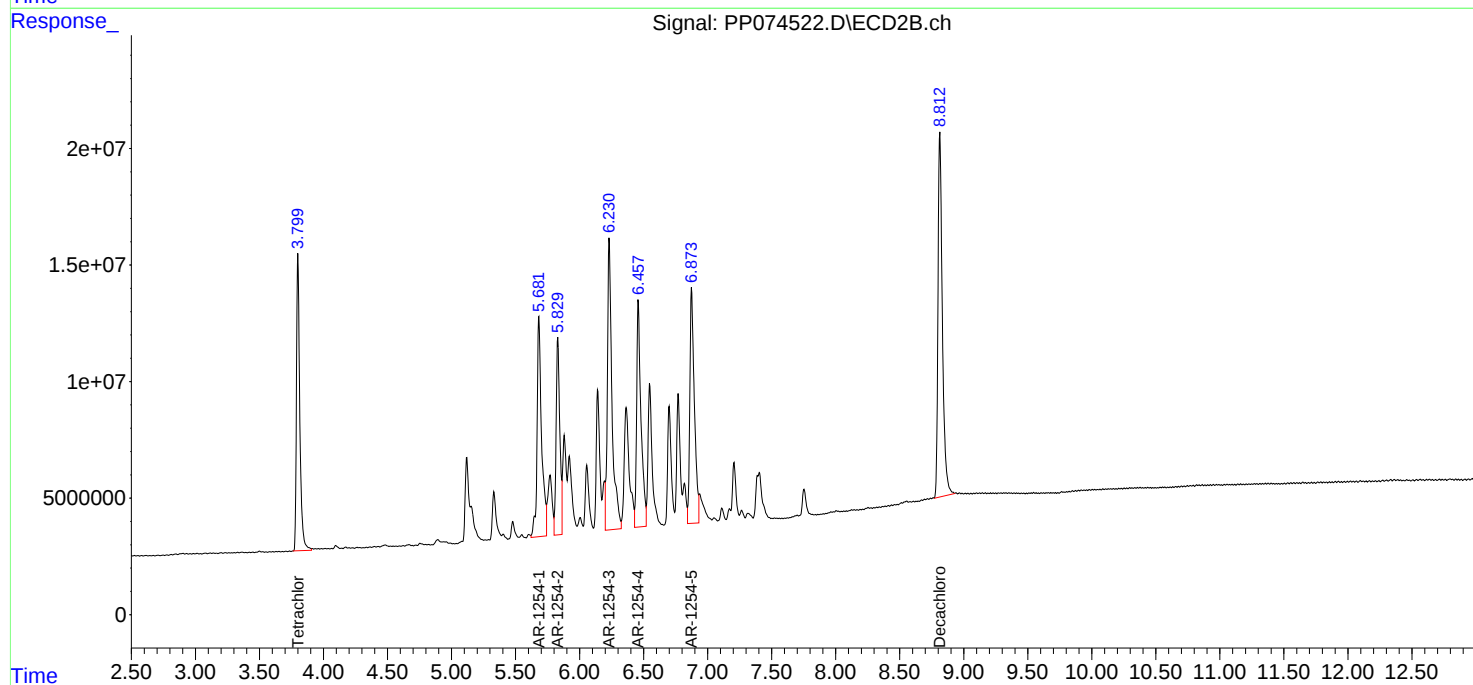
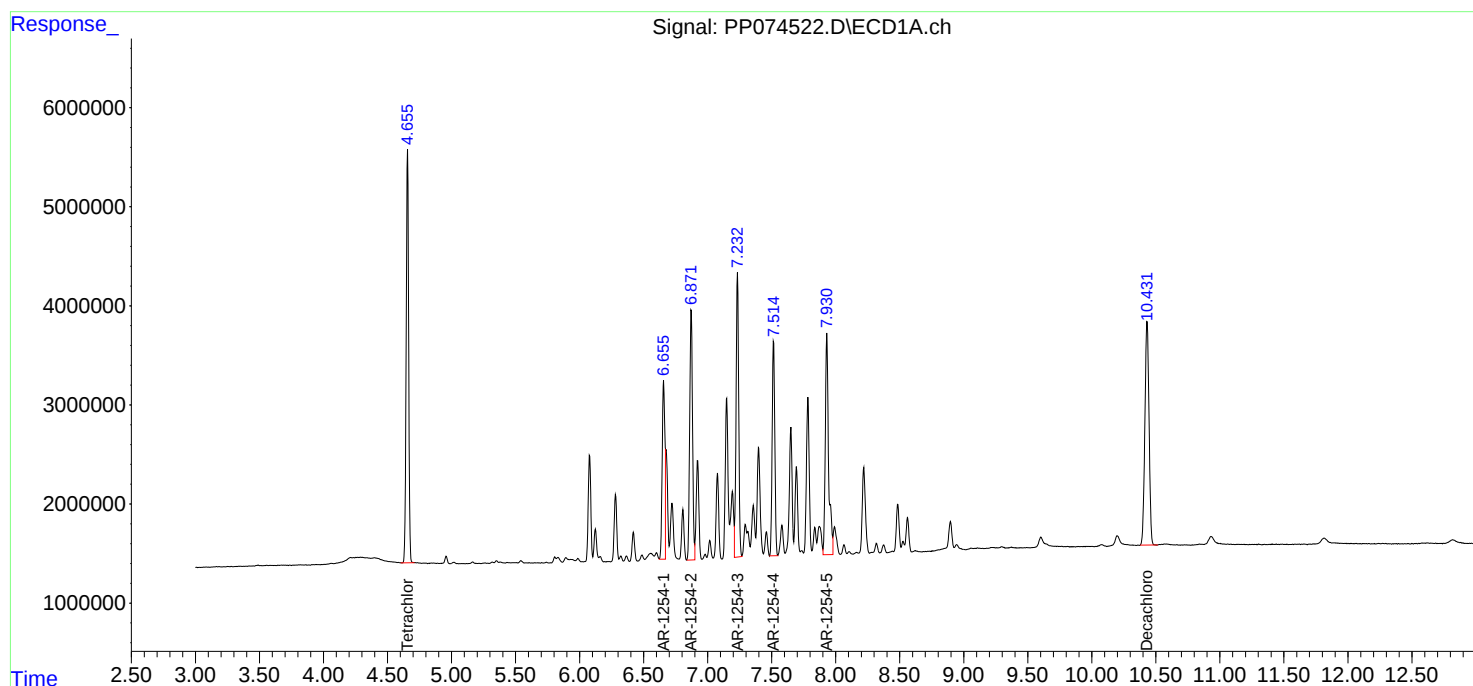
Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1254

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/20/2025
Supervised By :mohammad ahmed 08/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : 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\PP081925\
 Data File : PP074523.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Aug 2025 21:07
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP081925AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 20 05:59:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 05:59:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.802	58901391	238.6E6	49.110	51.825
2) SA Decachlor...	10.434	8.815	89013520	715.1E6	49.674	52.588
Target Compounds						
41) L9 AR-1268-1	8.886	7.696	78891283	721.4E6	486.865	511.441
42) L9 AR-1268-2	8.981	7.760	73097356	698.4E6	498.151	512.265
43) L9 AR-1268-3	9.221	7.968	61233015	547.4E6	495.471	524.753
44) L9 AR-1268-4	9.648	8.253	33012444	201.7E6	490.797	526.433
45) L9 AR-1268-5	10.080	8.552	181.2E6	1644.2E6	489.478	524.264

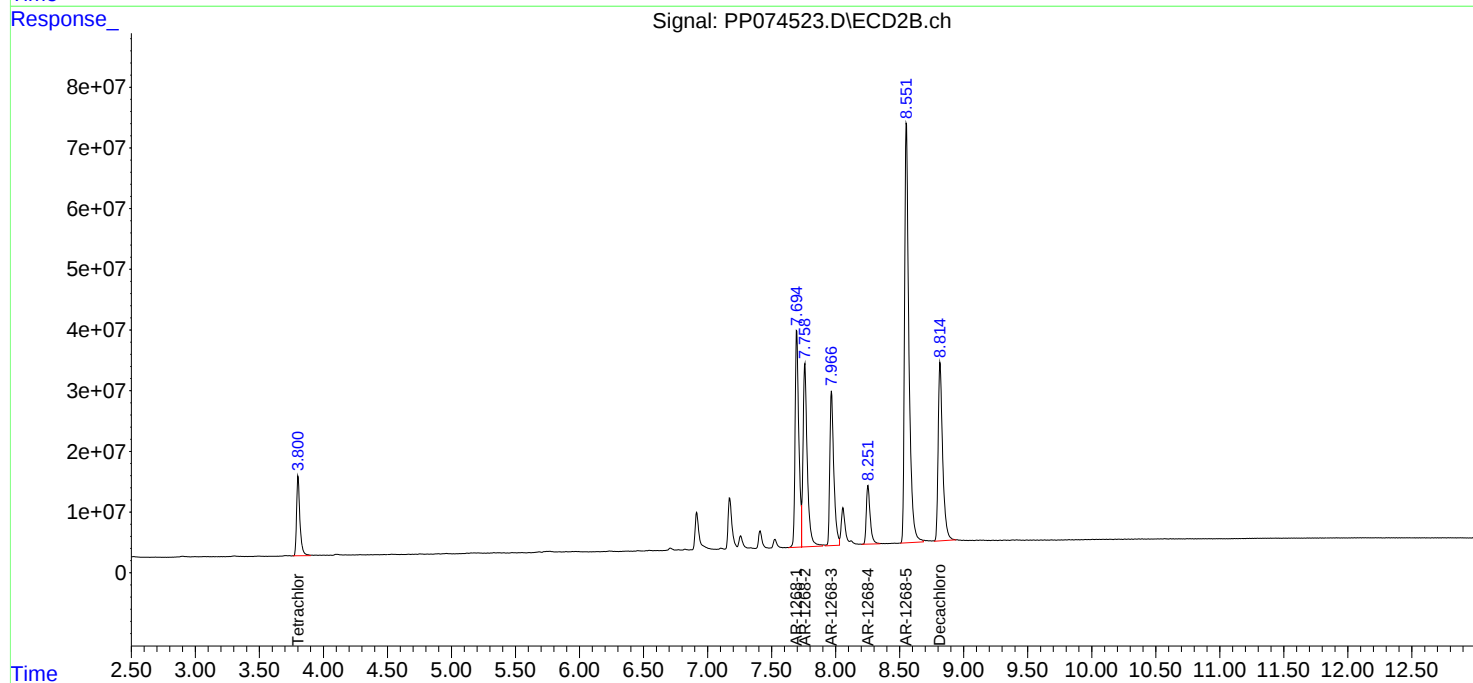
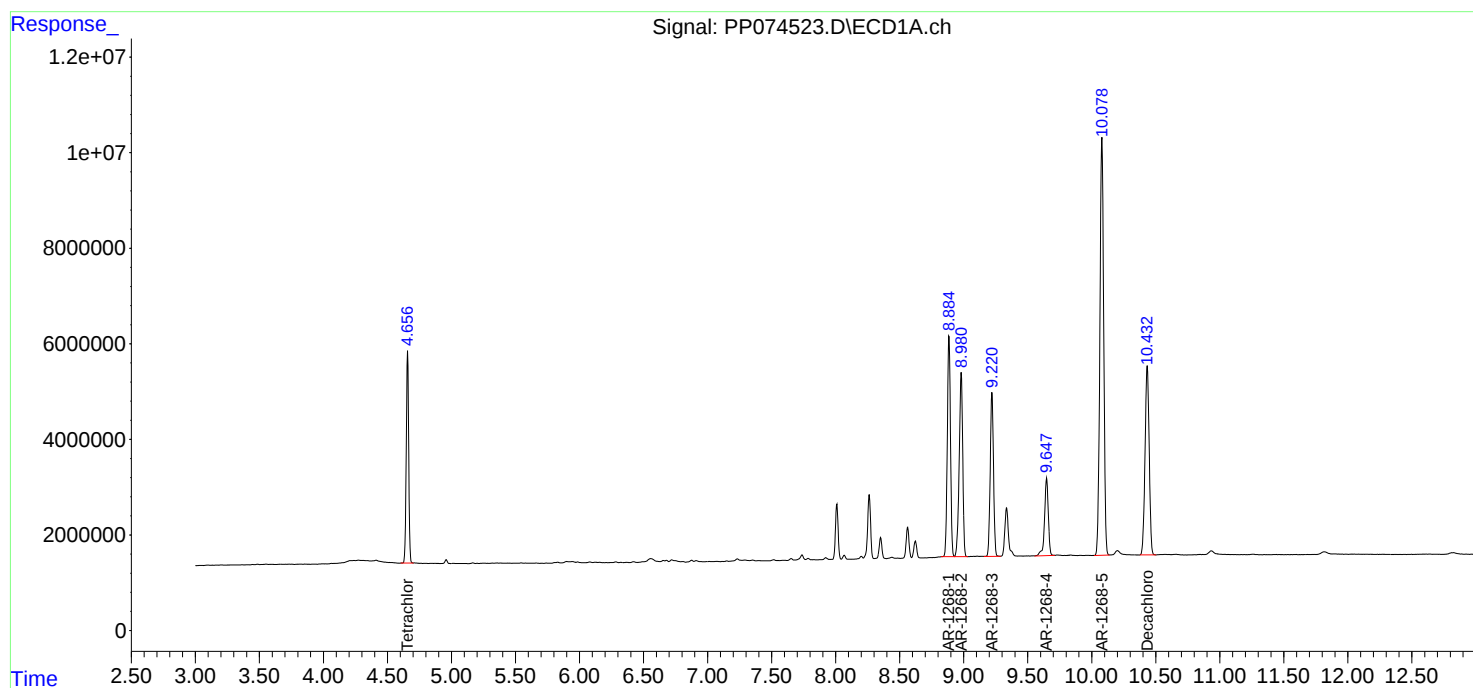
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074523.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 21:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP081925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 05:59:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 05:59:10 2025
Response via : 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025

08/19/2025

Continuing Calib Time: 11:51

Initial Calibration Time(s): 10:02

17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.65	4.65	4.55	4.75	0.00
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025 08/19/2025

Continuing Calib Time: 11:51

Initial Calibration Time(s): 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.01
Aroclor-1016-2	(2)	4.95	4.96	4.86	5.06	0.01
Aroclor-1016-3	(3)	5.07	5.08	4.98	5.18	0.01
Aroclor-1016-4	(4)	5.11	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.54	6.55	6.45	6.65	0.01
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074949.D **Time Analyzed:** 11:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.805	5.706	5.906	486.060	500.000	-2.8
Aroclor-1016-2	5.827	5.727	5.927	509.480	500.000	1.9
Aroclor-1016-3	5.889	5.790	5.990	453.190	500.000	-9.4
Aroclor-1016-4	5.986	5.888	6.088	485.000	500.000	-3.0
Aroclor-1016-5	6.279	6.180	6.380	499.310	500.000	-0.1
Aroclor-1260-1	7.396	7.297	7.497	469.110	500.000	-6.2
Aroclor-1260-2	7.649	7.550	7.750	463.930	500.000	-7.2
Aroclor-1260-3	8.007	7.908	8.108	493.480	500.000	-1.3
Aroclor-1260-4	8.235	8.136	8.336	461.410	500.000	-7.7
Aroclor-1260-5	8.560	8.462	8.662	455.280	500.000	-8.9
Decachlorobiphenyl	10.429	10.333	10.533	46.870	50.000	-6.3
Tetrachloro-m-xylene	4.654	4.554	4.754	49.180	50.000	-1.6



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL01 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074949.D **Time Analyzed:** 11:51

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.895	4.799	4.999	478.730	500.000	-4.3
Aroclor-1016-2	4.952	4.855	5.055	499.640	500.000	-0.1
Aroclor-1016-3	5.072	4.976	5.176	496.040	500.000	-0.8
Aroclor-1016-4	5.114	5.017	5.217	475.910	500.000	-4.8
Aroclor-1016-5	5.327	5.231	5.431	436.740	500.000	-12.7
Aroclor-1260-1	6.356	6.261	6.461	457.050	500.000	-8.6
Aroclor-1260-2	6.542	6.448	6.648	446.600	500.000	-10.7
Aroclor-1260-3	6.696	6.602	6.802	414.260	500.000	-17.1
Aroclor-1260-4	7.166	7.072	7.272	434.920	500.000	-13.0
Aroclor-1260-5	7.405	7.311	7.511	432.890	500.000	-13.4
Decachlorobiphenyl	8.806	8.715	8.915	42.240	50.000	-15.5
Tetrachloro-m-xylene	3.797	3.699	3.899	54.710	50.000	9.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
 Data File : PP074949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 11:51
 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: Sep 09 06:04:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.654	3.797	60184825	264.5E6	49.183	54.706
2) SA Decachlor...	10.429	8.806	46280354	316.8E6	46.866	42.244
Target Compounds						
3) L1 AR-1016-1	5.805	4.895	21429932	243.8E6	486.062	478.726
4) L1 AR-1016-2	5.827	4.952	32016728	118.9E6	509.483	499.639
5) L1 AR-1016-3	5.889	5.072	20354768	68405967	453.195	496.042
6) L1 AR-1016-4	5.986	5.114	17063166	66533890	485.000	475.911
7) L1 AR-1016-5	6.279	5.327	16570064	72534933	499.308	436.738
31) L7 AR-1260-1	7.396	6.356	27119309	171.5E6	469.115	457.054
32) L7 AR-1260-2	7.649	6.542	31973032	236.2E6	463.932	446.603
33) L7 AR-1260-3	8.007	6.696	25604343	179.4E6	493.480	414.261
34) L7 AR-1260-4	8.235	7.166	29434483	165.9E6	461.408	434.924
35) L7 AR-1260-5	8.560	7.405	51634037	434.8E6	455.278	432.890

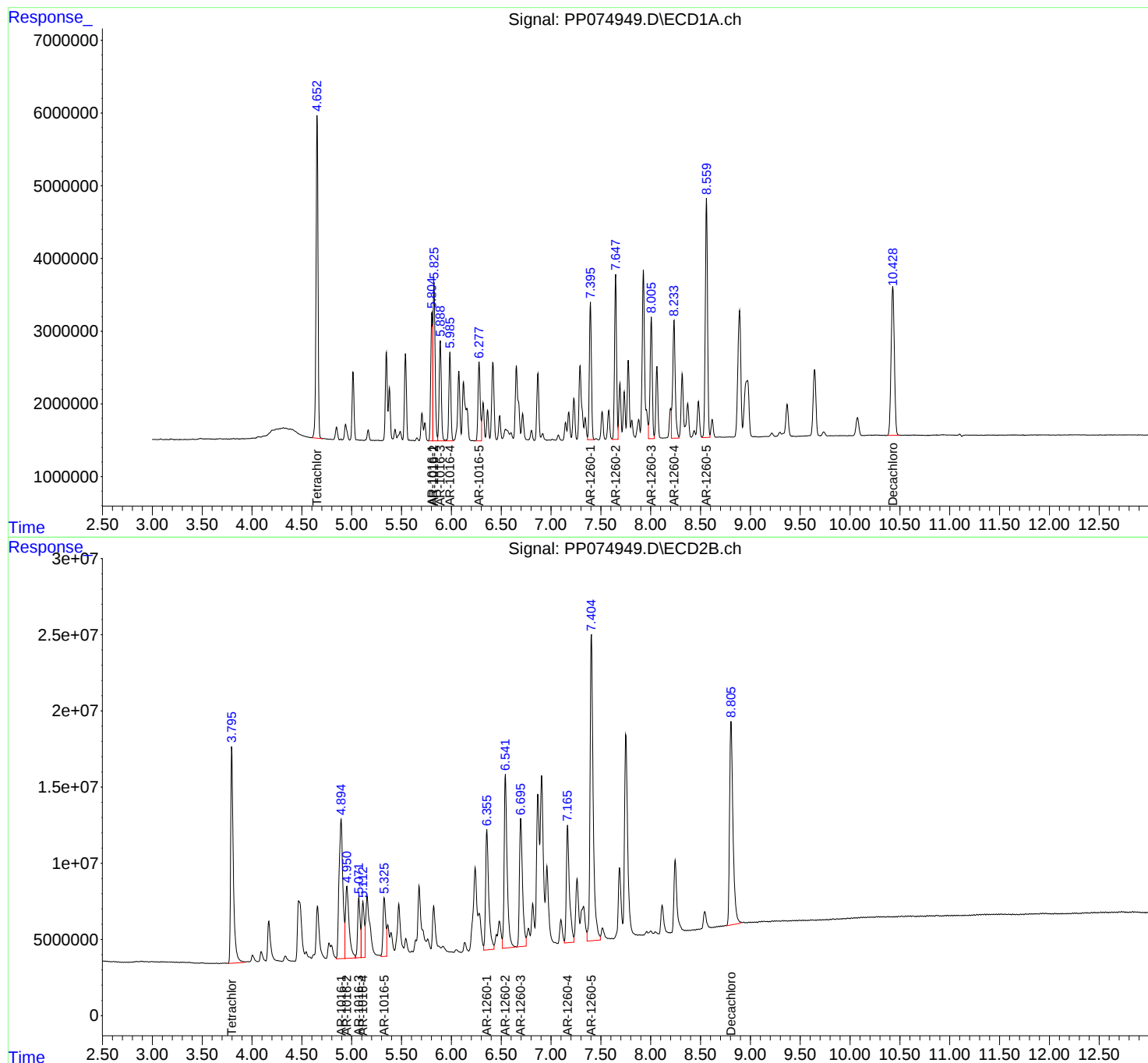
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074949.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 11:51
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: Sep 09 06:04:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025 08/19/2025

Continuing Calib Time: 16:04

Initial Calibration Time(s): 10:02 17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.65	7.55	7.75	0.00
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.56	8.46	8.66	0.00
Tetrachloro-m-xylene		4.66	4.65	4.55	4.75	-0.01
Decachlorobiphenyl		10.43	10.43	10.33	10.53	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Continuing Calib Date: 09/08/2025

Initial Calibration Date(s): 08/19/2025

08/19/2025

Continuing Calib Time: 16:04

Initial Calibration Time(s): 10:02

17:36

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.90	4.90	4.80	5.00	0.00
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.33	5.23	5.43	0.00
Aroclor-1260-1	(1)	6.36	6.36	6.26	6.46	0.00
Aroclor-1260-2	(2)	6.55	6.55	6.45	6.65	0.00
Aroclor-1260-3	(3)	6.70	6.70	6.60	6.80	0.00
Aroclor-1260-4	(4)	7.17	7.17	7.07	7.27	0.00
Aroclor-1260-5	(5)	7.41	7.41	7.31	7.51	0.00
Tetrachloro-m-xylene		3.80	3.80	3.70	3.90	0.00
Decachlorobiphenyl		8.81	8.82	8.72	8.92	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074963.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.807	5.706	5.906	495.470	500.000	-0.9
Aroclor-1016-2	5.828	5.727	5.927	508.330	500.000	1.7
Aroclor-1016-3	5.891	5.790	5.990	457.120	500.000	-8.6
Aroclor-1016-4	5.988	5.888	6.088	484.050	500.000	-3.2
Aroclor-1016-5	6.280	6.180	6.380	498.190	500.000	-0.4
Aroclor-1260-1	7.397	7.297	7.497	464.500	500.000	-7.1
Aroclor-1260-2	7.649	7.550	7.750	463.230	500.000	-7.4
Aroclor-1260-3	8.007	7.908	8.108	488.340	500.000	-2.3
Aroclor-1260-4	8.235	8.136	8.336	459.660	500.000	-8.1
Aroclor-1260-5	8.560	8.462	8.662	456.930	500.000	-8.6
Decachlorobiphenyl	10.427	10.333	10.533	46.690	50.000	-6.6
Tetrachloro-m-xylene	4.656	4.554	4.754	49.480	50.000	-1.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ZUCC01
Lab Code: ACE **SDG NO.:** Q3032
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/19/2025 08/19/2025

Client Sample No.: CCAL02 **Date Analyzed:** 09/08/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074963.D **Time Analyzed:** 16:04

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.898	4.799	4.999	498.850	500.000	-0.2
Aroclor-1016-2	4.956	4.855	5.055	509.890	500.000	2.0
Aroclor-1016-3	5.076	4.976	5.176	485.380	500.000	-2.9
Aroclor-1016-4	5.117	5.017	5.217	485.820	500.000	-2.8
Aroclor-1016-5	5.331	5.231	5.431	449.260	500.000	-10.1
Aroclor-1260-1	6.359	6.261	6.461	459.180	500.000	-8.2
Aroclor-1260-2	6.545	6.448	6.648	440.890	500.000	-11.8
Aroclor-1260-3	6.700	6.602	6.802	403.430	500.000	-19.3
Aroclor-1260-4	7.169	7.072	7.272	429.010	500.000	-14.2
Aroclor-1260-5	7.408	7.311	7.511	431.040	500.000	-13.8
Decachlorobiphenyl	8.808	8.715	8.915	41.540	50.000	-16.9
Tetrachloro-m-xylene	3.801	3.699	3.899	54.430	50.000	8.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
 Data File : PP074963.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 16:04
 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: Sep 09 06:07:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.656	3.801	60552930	263.2E6	49.484	54.433
2) SA Decachlor...	10.427	8.808	46102478	311.5E6	46.686	41.537
Target Compounds						
3) L1 AR-1016-1	5.807	4.898	21844821	254.1E6	495.473	498.852
4) L1 AR-1016-2	5.828	4.956	31944392	121.4E6	508.332	509.893
5) L1 AR-1016-3	5.891	5.076	20530885	66935151	457.116	485.376
6) L1 AR-1016-4	5.988	5.117	17029733	67919743	484.049	485.824
7) L1 AR-1016-5	6.280	5.331	16533073	74615379	498.193	449.265
31) L7 AR-1260-1	7.397	6.359	26852536	172.3E6	464.500	459.176
32) L7 AR-1260-2	7.649	6.545	31924658	233.1E6	463.230	440.890
33) L7 AR-1260-3	8.007	6.700	25337721	174.7E6	488.341	403.433
34) L7 AR-1260-4	8.235	7.169	29322828	163.7E6	459.658	429.006
35) L7 AR-1260-5	8.560	7.408	51821652	433.0E6	456.932	431.037

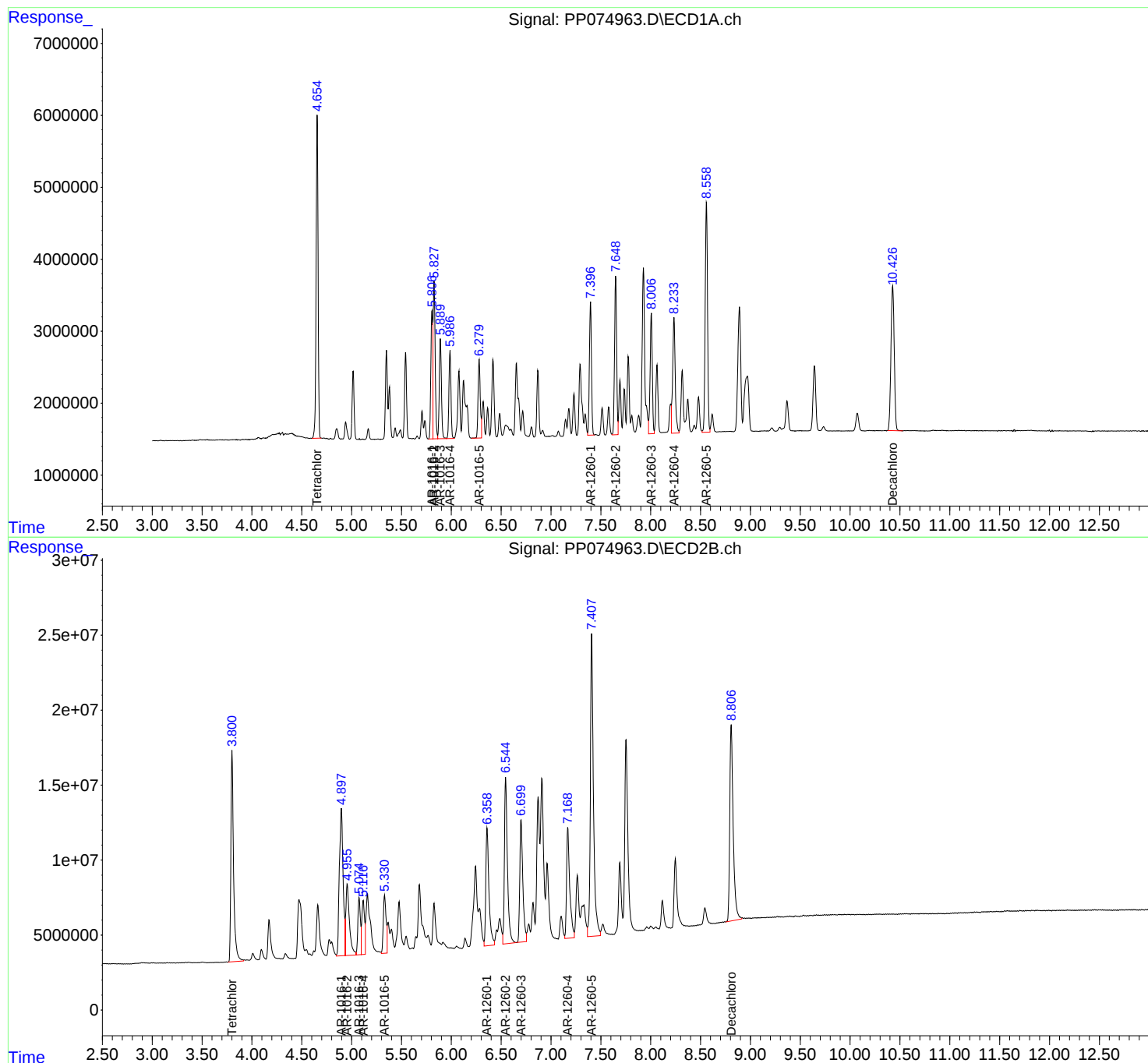
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074963.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 16:04
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: Sep 09 06:07:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/19/2025 08/19/2025

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	08/19/2025	09:46	PP074490.D	10.43	4.65
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	10.43	4.65
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	10.43	4.65
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	10.43	4.66
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	10.43	4.65
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	10.43	4.66
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	10.43	4.66
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	10.44	4.66
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	10.44	4.66
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	10.44	4.66
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	10.44	4.66
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	10.44	4.66
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	10.44	4.66
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	10.44	4.66
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	10.44	4.66
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	10.44	4.66
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	10.43	4.66
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	10.44	4.66
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	10.43	4.66
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	10.44	4.66
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	10.43	4.66
AR1660CCC500	AR1660CCC500	09/08/2025	11:51	PP074949.D	10.43	4.65
IBLK	IBLK	09/08/2025	13:00	PP074953.D	10.43	4.66
PB169591BL	PB169591BL	09/08/2025	13:16	PP074954.D	10.43	4.66
PB169591BS	PB169591BS	09/08/2025	13:32	PP074955.D	10.43	4.65
SOIL-PILE-1	Q3032-01	09/08/2025	14:04	PP074957.D	10.43	4.66
SOIL-PILE-2	Q3032-04	09/08/2025	14:21	PP074958.D	10.43	4.66
SOIL-PILE-2MS	Q3032-04MS	09/08/2025	14:37	PP074959.D	10.43	4.66
SOIL-PILE-2MSD	Q3032-04MSD	09/08/2025	14:53	PP074960.D	10.43	4.65
AR1660CCC500	AR1660CCC500	09/08/2025	16:04	PP074963.D	10.43	4.66
IBLK	IBLK	09/08/2025	17:09	PP074967.D	10.43	4.66

Analytical Sequence

Client: Zuccaro Inc.

SDG No.: Q3032

Project: 3 Coal Ave., Morristown, NJ

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 08/19/2025 08/19/2025

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	08/19/2025	09:46	PP074490.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	08/19/2025	10:02	PP074491.D	8.81	3.80
AR1660ICC750	AR1660ICC750	08/19/2025	10:18	PP074492.D	8.82	3.80
AR1660ICC500	AR1660ICC500	08/19/2025	10:34	PP074493.D	8.82	3.80
AR1660ICC250	AR1660ICC250	08/19/2025	10:51	PP074494.D	8.81	3.80
AR1660ICC050	AR1660ICC050	08/19/2025	11:07	PP074495.D	8.82	3.80
AR1221ICC500	AR1221ICC500	08/19/2025	11:23	PP074496.D	8.82	3.80
AR1232ICC500	AR1232ICC500	08/19/2025	11:39	PP074497.D	8.82	3.80
AR1242ICC1000	AR1242ICC1000	08/19/2025	11:55	PP074498.D	8.82	3.80
AR1242ICC750	AR1242ICC750	08/19/2025	12:12	PP074499.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/19/2025	12:28	PP074500.D	8.81	3.80
AR1242ICC250	AR1242ICC250	08/19/2025	12:44	PP074501.D	8.82	3.80
AR1242ICC050	AR1242ICC050	08/19/2025	13:00	PP074502.D	8.82	3.80
AR1248ICC1000	AR1248ICC1000	08/19/2025	13:16	PP074503.D	8.82	3.80
AR1248ICC750	AR1248ICC750	08/19/2025	13:33	PP074504.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/19/2025	13:49	PP074505.D	8.82	3.80
AR1248ICC250	AR1248ICC250	08/19/2025	14:05	PP074506.D	8.82	3.80
AR1248ICC050	AR1248ICC050	08/19/2025	14:21	PP074507.D	8.82	3.80
AR1254ICC1000	AR1254ICC1000	08/19/2025	14:37	PP074508.D	8.82	3.80
AR1254ICC750	AR1254ICC750	08/19/2025	14:53	PP074509.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/19/2025	15:10	PP074510.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/19/2025	15:42	PP074511.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/19/2025	15:58	PP074512.D	8.81	3.80
AR1262ICC500	AR1262ICC500	08/19/2025	16:14	PP074513.D	8.82	3.80
AR1268ICC1000	AR1268ICC1000	08/19/2025	16:31	PP074514.D	8.81	3.80
AR1268ICC750	AR1268ICC750	08/19/2025	16:47	PP074515.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/19/2025	17:03	PP074516.D	8.81	3.80
AR1268ICC250	AR1268ICC250	08/19/2025	17:19	PP074517.D	8.82	3.80
AR1268ICC050	AR1268ICC050	08/19/2025	17:36	PP074518.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/08/2025	11:51	PP074949.D	8.81	3.80
IBLK	IBLK	09/08/2025	13:00	PP074953.D	8.81	3.80
PB169591BL	PB169591BL	09/08/2025	13:16	PP074954.D	8.81	3.80
PB169591BS	PB169591BS	09/08/2025	13:32	PP074955.D	8.81	3.80
SOIL-PILE-1	Q3032-01	09/08/2025	14:04	PP074957.D	8.81	3.80
SOIL-PILE-2	Q3032-04	09/08/2025	14:21	PP074958.D	8.81	3.80
SOIL-PILE-2MS	Q3032-04MS	09/08/2025	14:37	PP074959.D	8.81	3.80
SOIL-PILE-2MSD	Q3032-04MSD	09/08/2025	14:53	PP074960.D	8.81	3.80
AR1660CCC500	AR1660CCC500	09/08/2025	16:04	PP074963.D	8.81	3.80
IBLK	IBLK	09/08/2025	17:09	PP074967.D	8.80	3.80

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169591BS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: PB169591BS

Date(s) Analyzed: 09/08/2025 09/08/2025

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 PP074955.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.806	5.756	5.856	166	165	10.86
COLUMN 1	2	5.827	5.777	5.877	174		
	3	5.89	5.84	5.94	155		
	4	5.987	5.937	6.037	164		
	5	6.279	6.229	6.329	165		
	1	4.895	4.845	4.945	154		
COLUMN 2	2	4.953	4.903	5.003	154	148	
	3	5.072	5.022	5.122	151		
	4	5.113	5.063	5.163	147		
	5	5.327	5.277	5.377	135		
Aroclor-1260	1	7.396	7.346	7.446	162	152	7.51
COLUMN 1	2	7.649	7.599	7.699	161		
	3	8.007	7.957	8.057	145		
	4	8.233	8.183	8.283	151		
	5	8.56	8.51	8.61	140		
	1	6.356	6.306	6.406	154		
COLUMN 2	2	6.543	6.493	6.593	150	141	
	3	6.696	6.646	6.746	139		
	4	7.165	7.115	7.215	134		
	5	7.405	7.355	7.455	129		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SOIL-PILE-2MS

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-04MS

Date(s) Analyzed: 09/08/2025 09/08/2025

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 PP074959.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.805	5.755	5.855	218		
	2	5.826	5.776	5.876	252		
	3	5.889	5.839	5.939	159		
	4	5.986	5.936	6.036	214		
	5	6.278	6.228	6.328	341		
COLUMN 1						237	
	1	4.896	4.846	4.946	224		
	2	4.952	4.902	5.002	197		
	3	5.074	5.024	5.124	212		
	4	5.115	5.065	5.165	368		
	5	5.33	5.28	5.38	331		
COLUMN 2						266	11.53
Aroclor-1260	1	7.395	7.345	7.445	156		
	2	7.646	7.596	7.696	206		
	3	8.007	7.957	8.057	117		
	4	8.234	8.184	8.284	159		
	5	8.56	8.51	8.61	123		
COLUMN 1						152	
	1	6.358	6.308	6.408	123		
	2	6.543	6.493	6.593	112		
	3	6.697	6.647	6.747	112		
	4	7.166	7.116	7.216	108		
	5	7.405	7.355	7.455	95.0		
COLUMN 2						110	32.06

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SOIL-PILE-2MSD

Lab Name: Alliance

Contract: ZUCC01

Lab Code: ACE

SDG NO.: Q3032

Lab Sample ID: Q3032-04MSD

Date(s) Analyzed: 09/08/2025 09/08/2025

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 PP074960.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.806	5.756	5.856	202		
	2	5.827	5.777	5.877	257		
	3	5.89	5.84	5.94	145		
	4	5.986	5.936	6.036	211		
	5	6.279	6.229	6.329	376		
COLUMN 1						238	
	1	4.896	4.846	4.946	241		
	2	4.953	4.903	5.003	202		
	3	5.075	5.025	5.125	235		
	4	5.115	5.065	5.165	426		
	5	5.329	5.279	5.379	403		
COLUMN 2						301	23.38
Aroclor-1260	1	7.396	7.346	7.446	146		
	2	7.647	7.597	7.697	194		
	3	8.007	7.957	8.057	107		
	4	8.235	8.185	8.285	149		
	5	8.56	8.51	8.61	119		
COLUMN 1						143	
	1	6.358	6.308	6.408	128		
	2	6.543	6.493	6.593	118		
	3	6.698	6.648	6.748	111		
	4	7.167	7.117	7.217	111		
	5	7.405	7.355	7.455	101		
COLUMN 2						114	22.57



QC SAMPLE DATA

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169591BL	SDG No.:	Q3032
Lab Sample ID:	PB169591BL	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
PP074954.D	1	09/08/25 09:00	09/08/25 13:16	PB169591

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	21.9		30 (32) - 150 (144)	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.5		30 (32) - 150 (175)	113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 13:16
Operator : YP\AJ
Sample : PB169591BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169591BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:05:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.658	3.800	26807917	103.8E6	21.907	21.464
2)	SA Decachlor...	10.434	8.810	22217045	135.3E6	22.498	18.037

Target Compounds

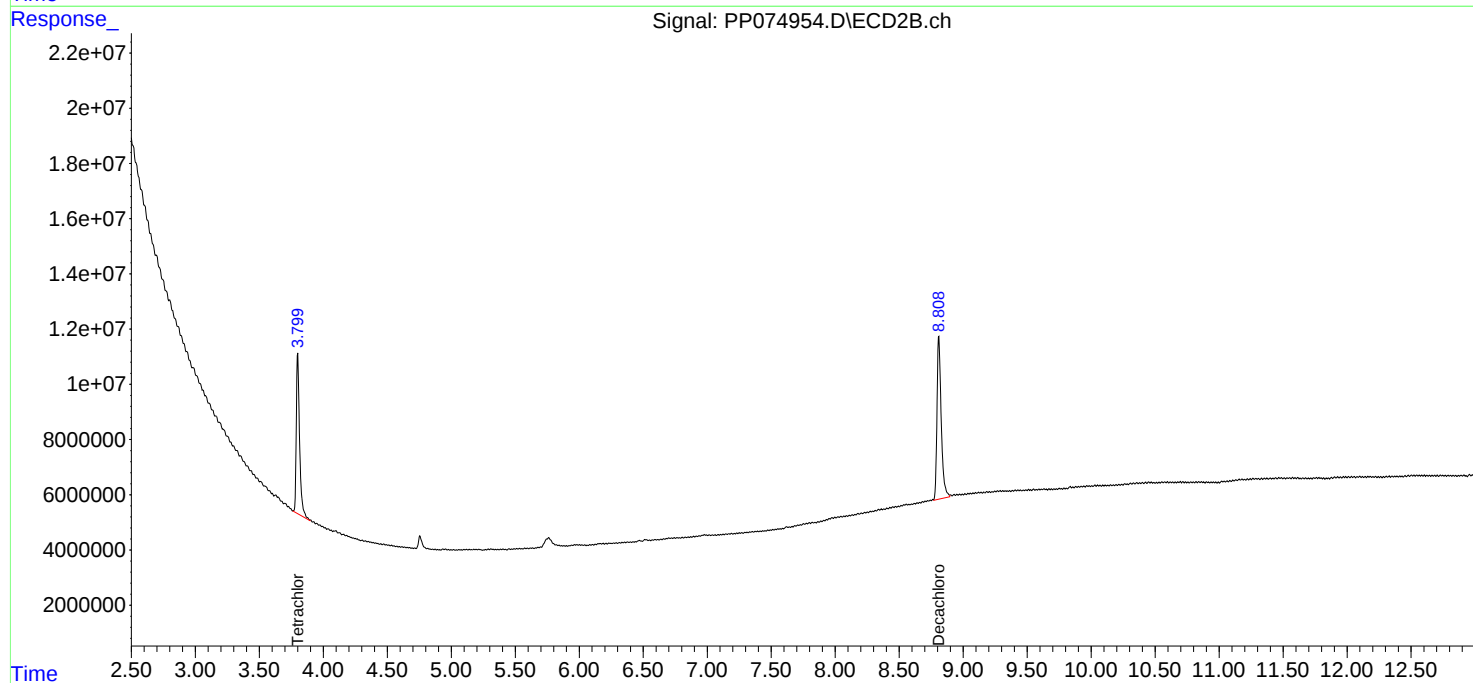
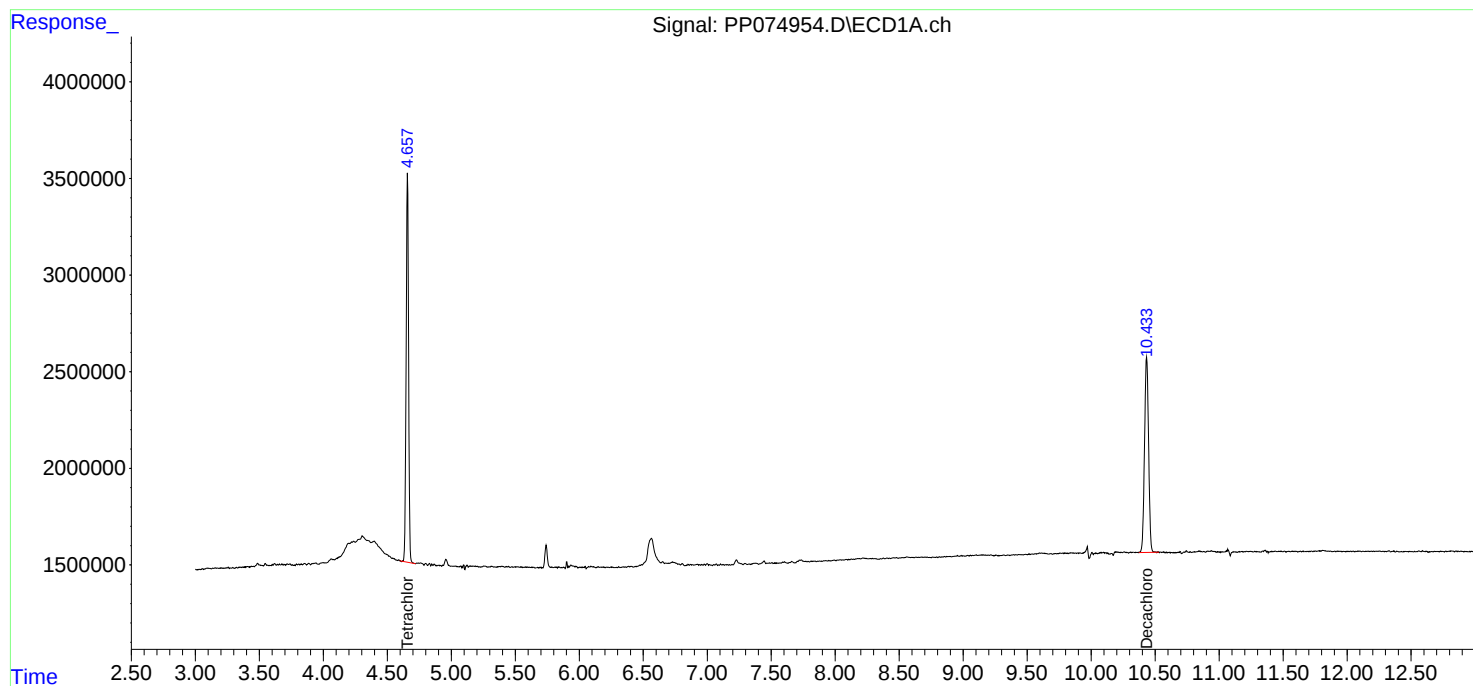
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

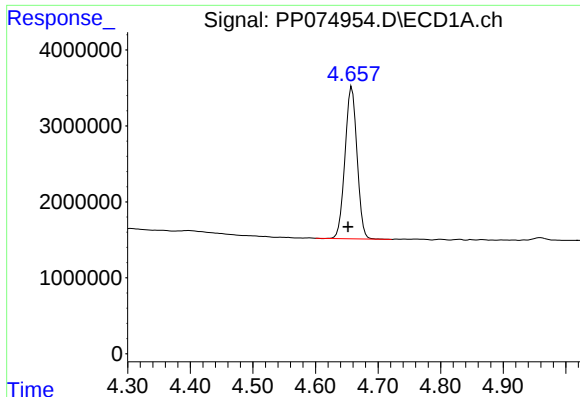
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074954.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 13:16
Operator : YP\AJ
Sample : PB169591BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169591BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:05:18 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

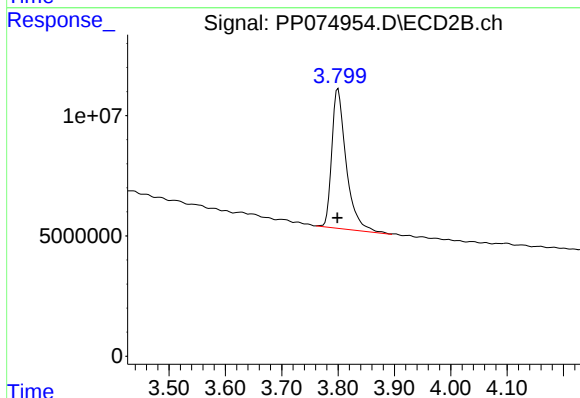




#1 Tetrachloro-m-xylene

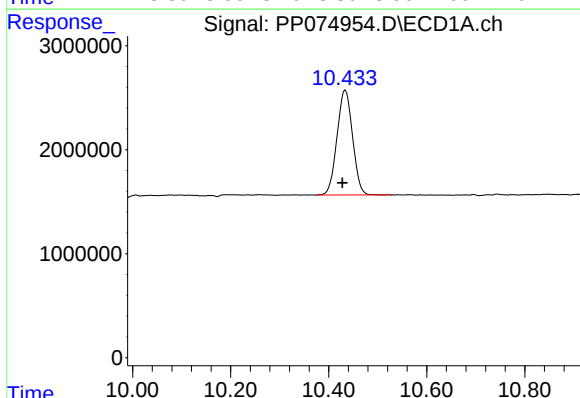
R.T.: 4.658 min
Delta R.T.: 0.006 min
Response: 26807917
Conc: 21.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169591BL



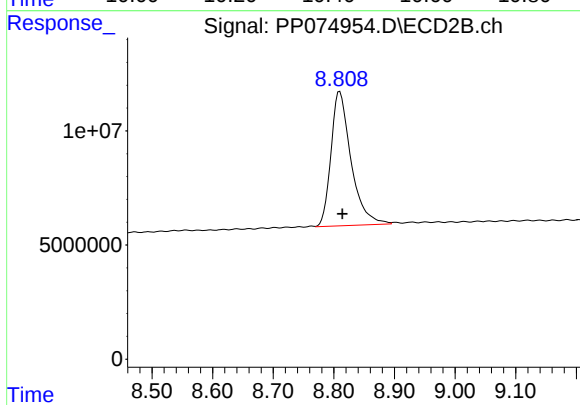
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: 0.001 min
Response: 103787304
Conc: 21.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.006 min
Response: 22217045
Conc: 22.50 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.810 min
Delta R.T.: -0.004 min
Response: 135261712
Conc: 18.04 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	08/19/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	08/19/25
Client Sample ID:	PIBLK-PP074490.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PP074490.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
PP074490.D	1		08/19/25	PP081925

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	15.7		70 (60) - 130 (140)	78%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.9		70 (60) - 130 (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\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
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: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.651	3.798	21748898	75777732	17.773	15.671
2)	SA Decachlor...	10.429	8.812	18016036	127.1E6	18.244	16.955

Target Compounds

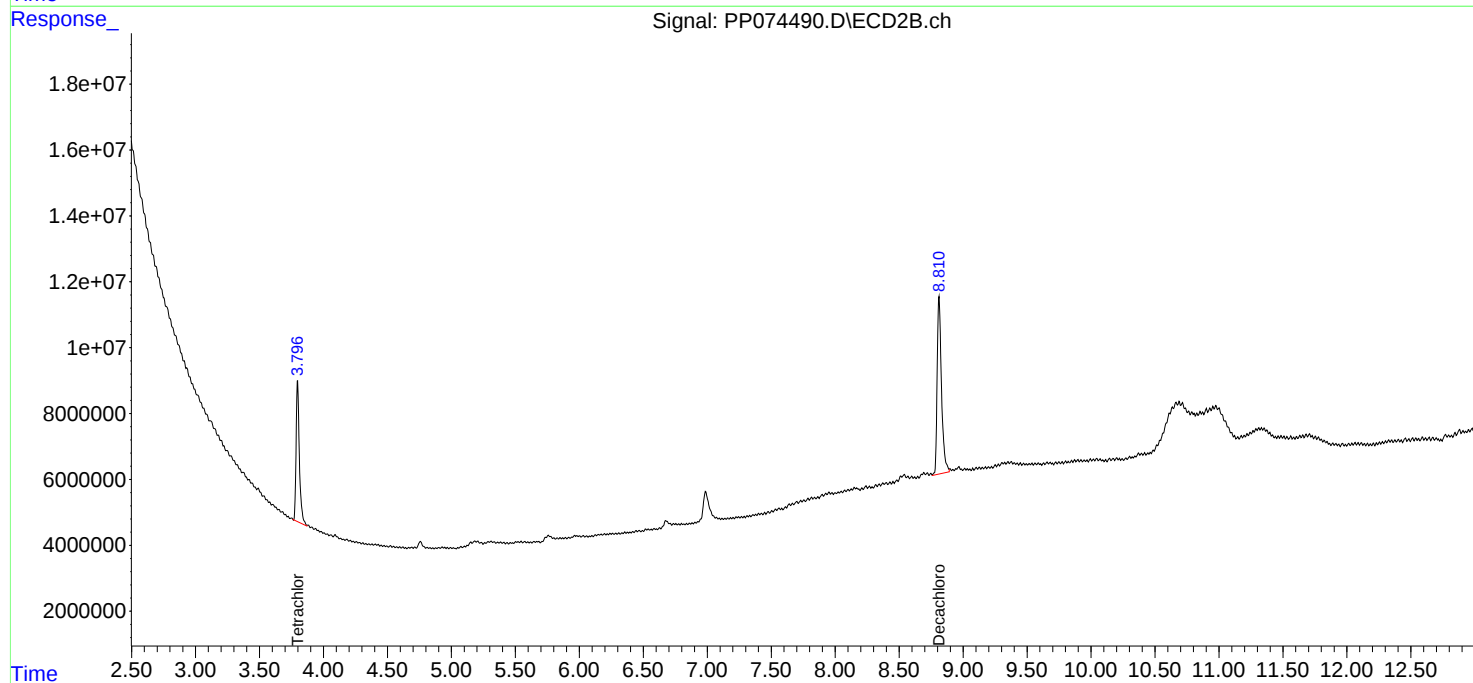
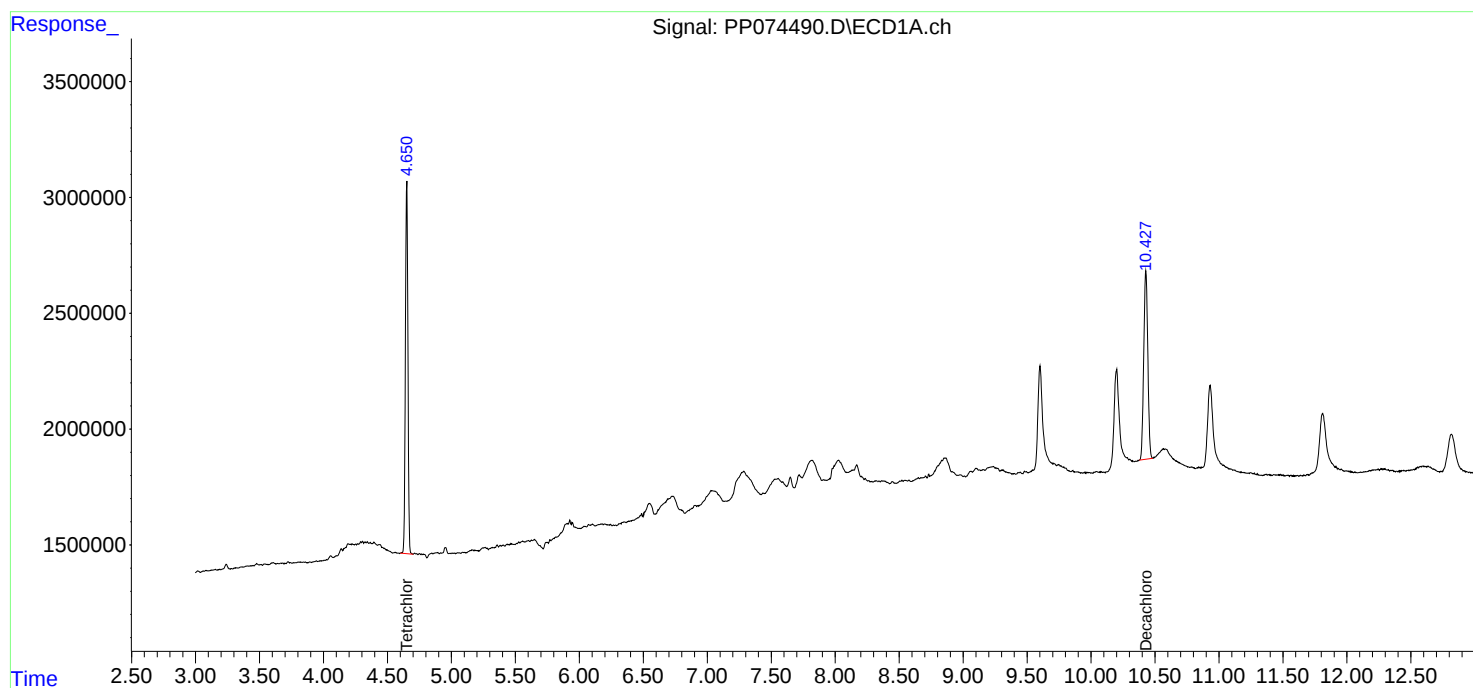
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081925\
Data File : PP074490.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Aug 2025 09:46
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

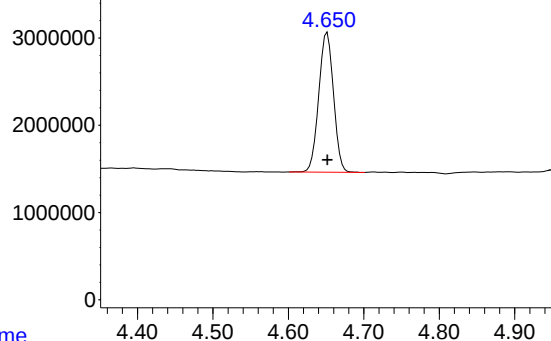
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 20 06:22:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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: PP074490.D\ECD1A.ch

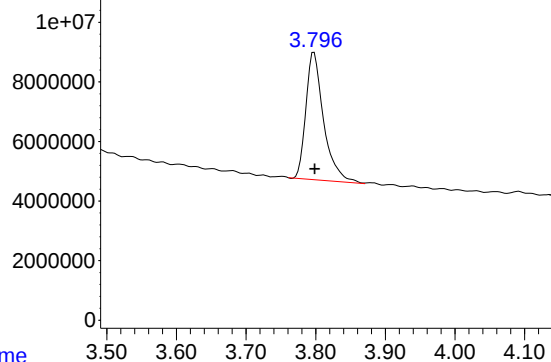


#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: 0.000 min
Response: 21748898
Conc: 17.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

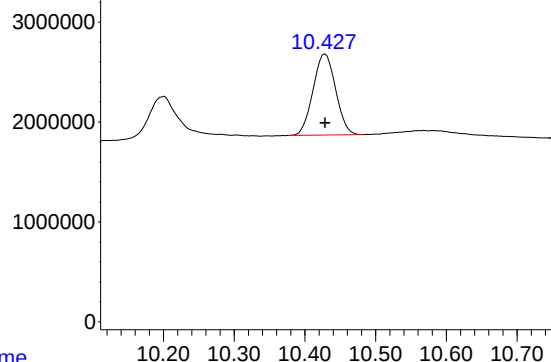
Time Response_ Signal: PP074490.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.001 min
Response: 75777732
Conc: 15.67 ng/ml

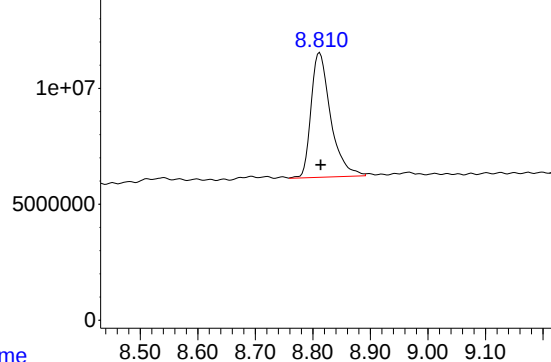
Time Response_ Signal: PP074490.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 18016036
Conc: 18.24 ng/ml

Time Response_ Signal: PP074490.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.812 min
Delta R.T.: -0.002 min
Response: 127148329
Conc: 16.95 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/08/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/08/25
Client Sample ID:	PIBLK-PP074953.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PP074953.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
PP074953.D	1		09/08/25	pp090825

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	16.9		70 (60) - 130 (140)	84%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.6		70 (60) - 130 (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_P\Data\PP090825\
Data File : PP074953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 13:00
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: Sep 09 06:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.798	23293379	81514581	19.035	16.858
2)	SA Decachlor...	10.431	8.806	19158587	117.0E6	19.401	15.597

Target Compounds

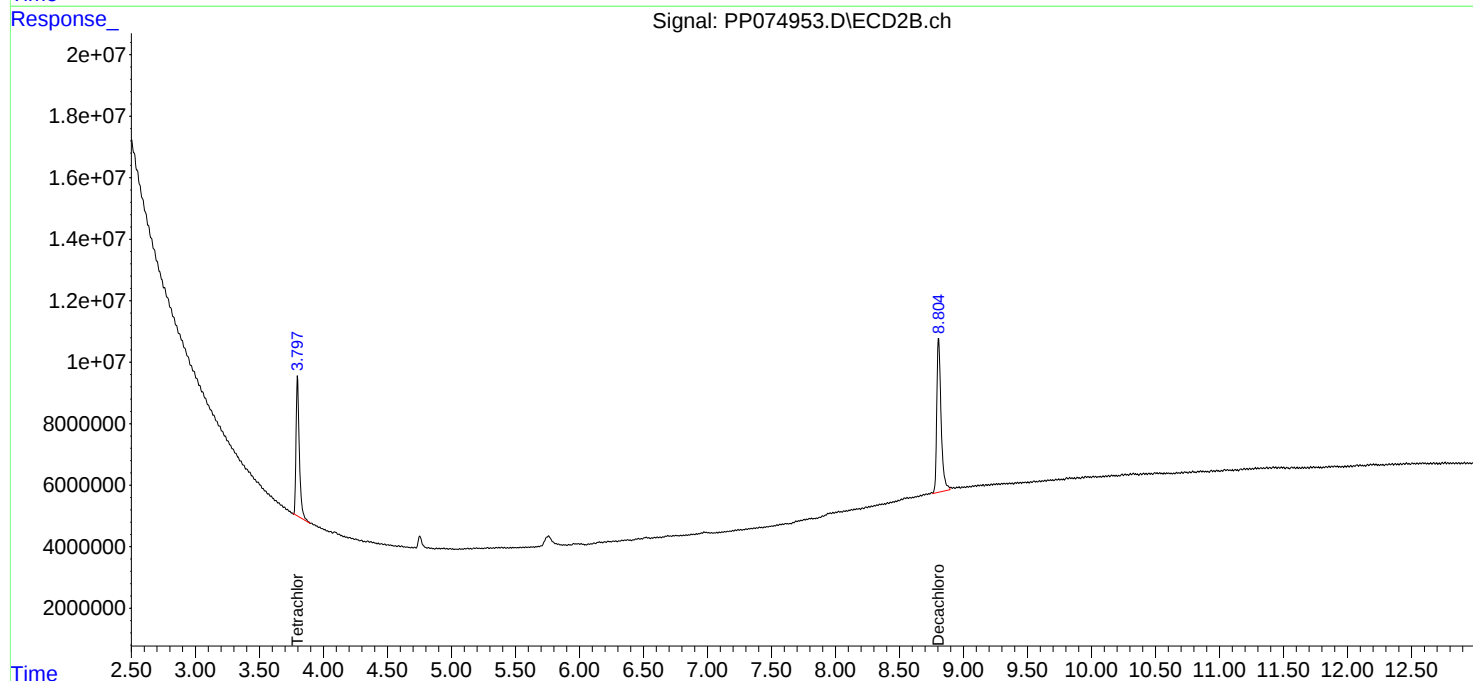
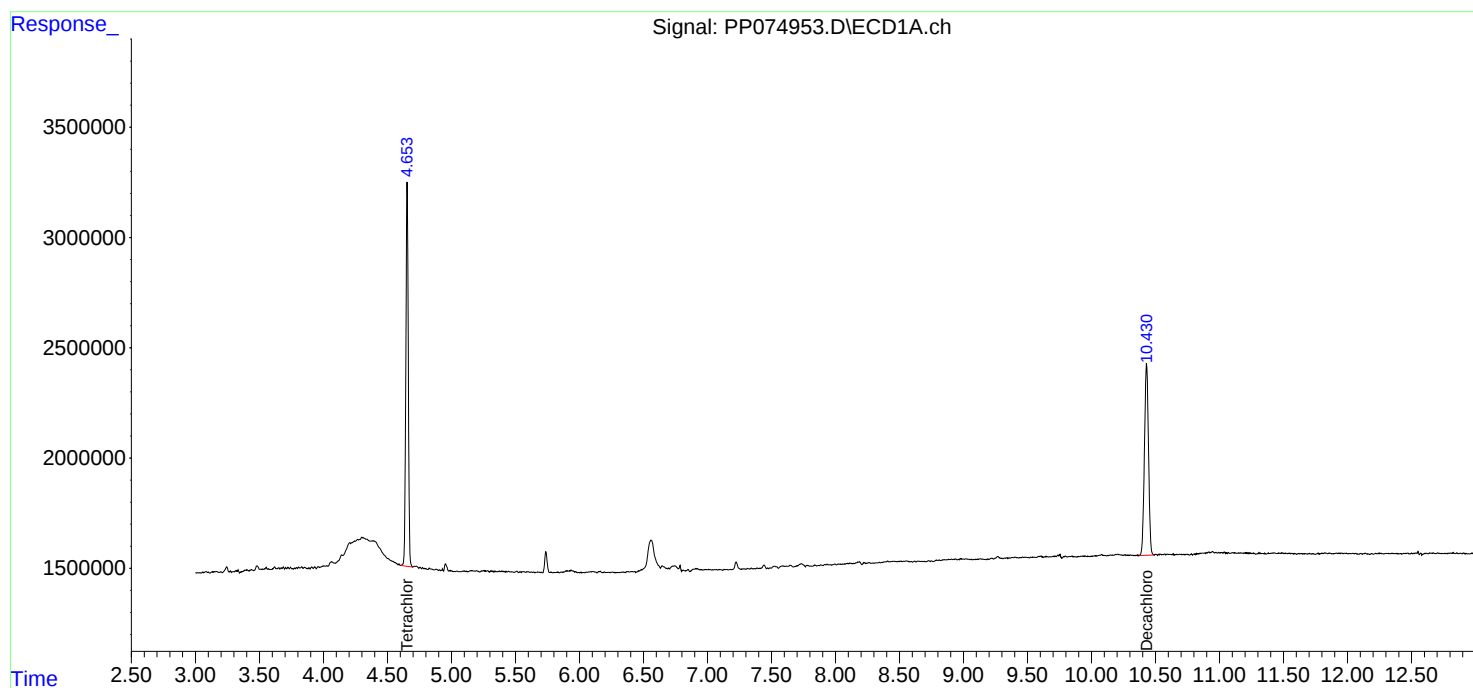
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

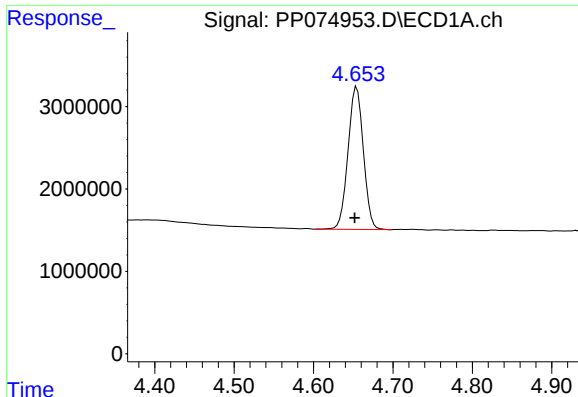
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 13:00
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:05:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

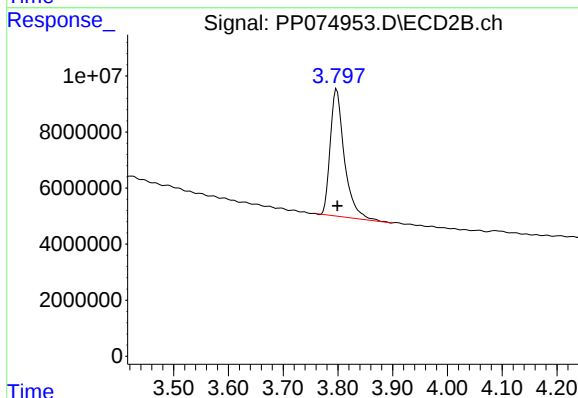




#1 Tetrachloro-m-xylene

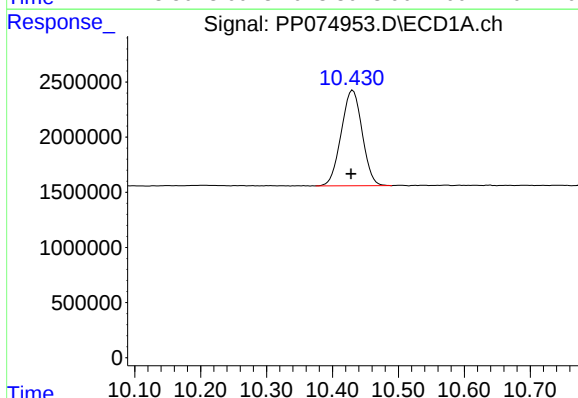
R.T.: 4.655 min
Delta R.T.: 0.003 min
Response: 23293379
Conc: 19.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



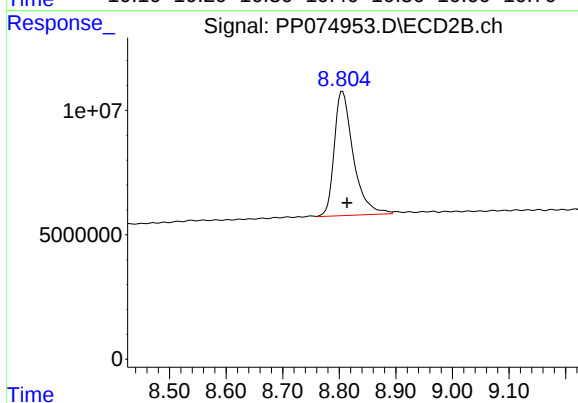
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: 0.000 min
Response: 81514581
Conc: 16.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: 0.003 min
Response: 19158587
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.806 min
Delta R.T.: -0.008 min
Response: 116965804
Conc: 15.60 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	09/08/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/08/25
Client Sample ID:	PIBLK-PP074967.D	SDG No.:	Q3032
Lab Sample ID:	I.BLK-PP074967.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
PP074967.D	1		09/08/25	pp090825

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		70 (60) - 130 (140)	86%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.0		70 (60) - 130 (140)	75%	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\PP090825\
Data File : PP074967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 17:09
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: Sep 09 06:08:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.656	3.795	23374988	83653960	19.102	17.300
2)	SA Decachlor...	10.428	8.802	19332350	112.8E6	19.577	15.038

Target Compounds

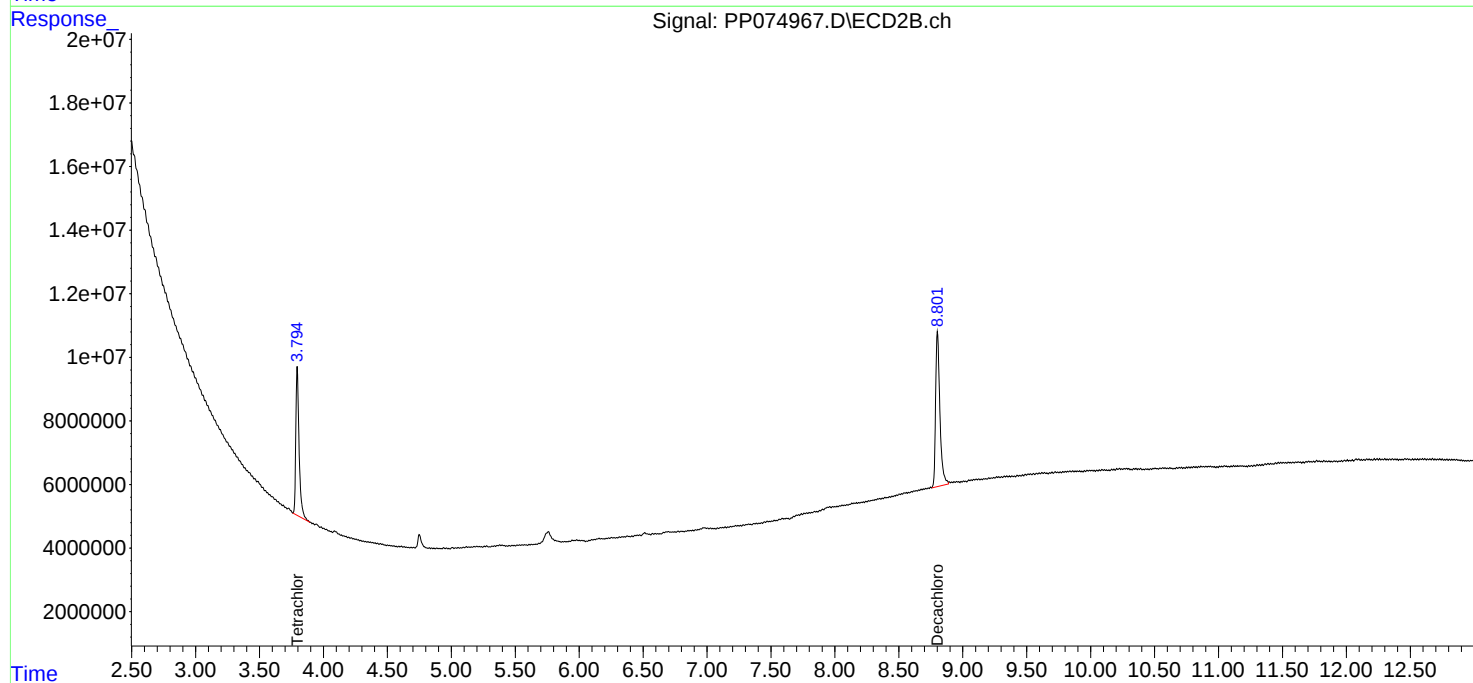
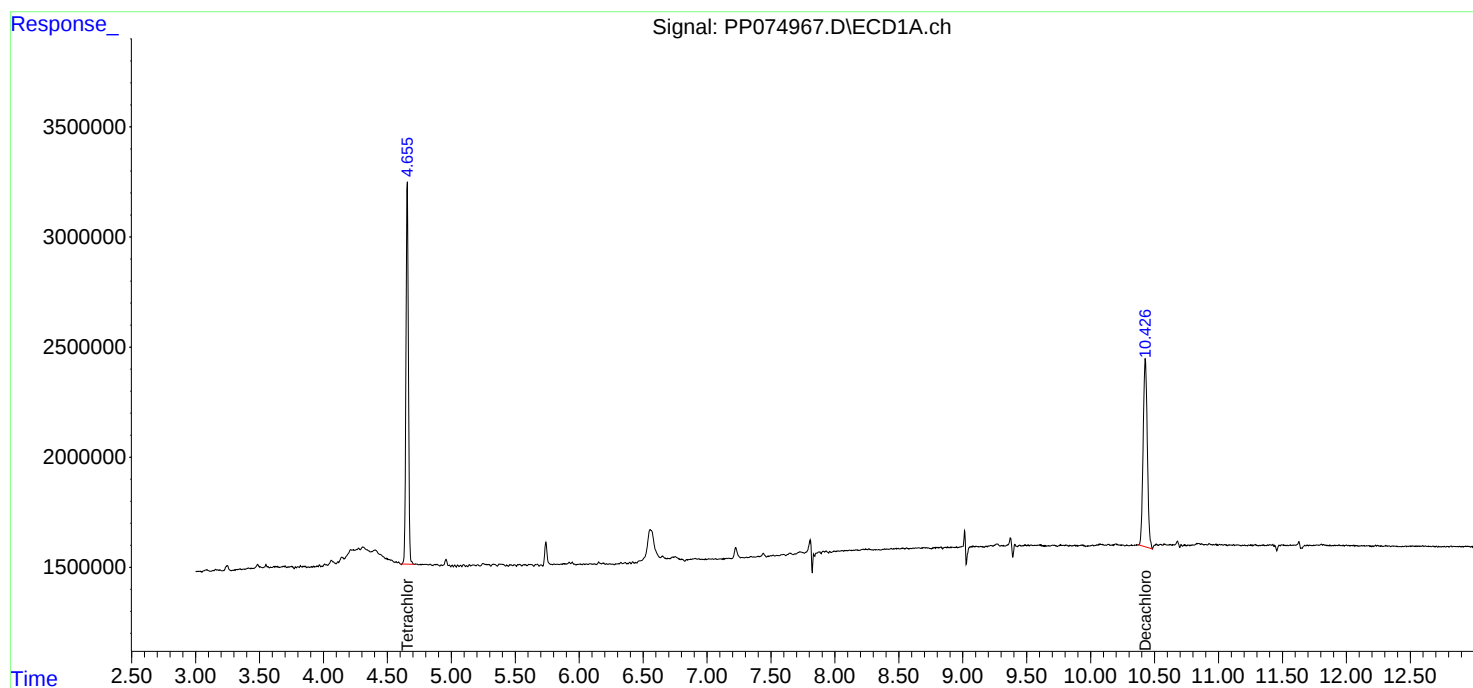
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074967.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 17:09
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

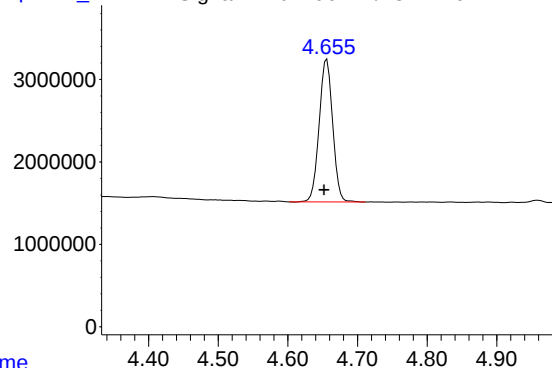
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:08:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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: PP074967.D\ECD1A.ch

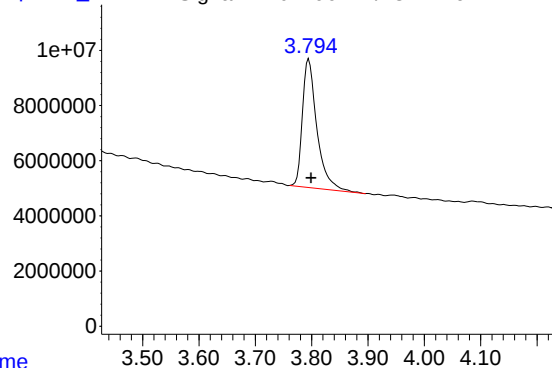


#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: 0.004 min
Response: 23374988
Conc: 19.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

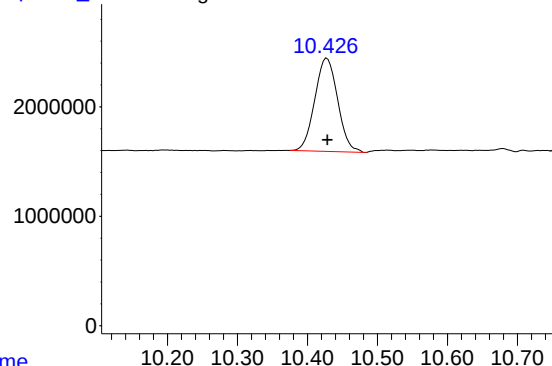
Time Response_ Signal: PP074967.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.795 min
Delta R.T.: -0.004 min
Response: 83653960
Conc: 17.30 ng/ml

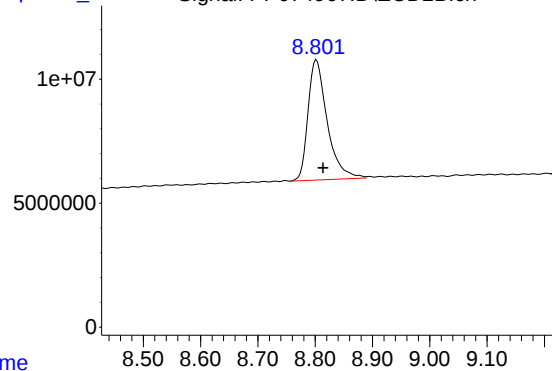
Time Response_ Signal: PP074967.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: 0.000 min
Response: 19332350
Conc: 19.58 ng/ml

Time Response_ Signal: PP074967.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.802 min
Delta R.T.: -0.012 min
Response: 112776304
Conc: 15.04 ng/ml

Report of Analysis

Client:	Zuccaro Inc.	Date Collected:	
Project:	3 Coal Ave., Morristown, NJ	Date Received:	
Client Sample ID:	PB169591BS	SDG No.:	Q3032
Lab Sample ID:	PB169591BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
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
PP074955.D	1	09/08/25 09:00	09/08/25 13:32	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	165		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	152		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	22.4		30 (32) - 150 (144)	112%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.4		30 (32) - 150 (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\PP090825\
 Data File : PP074955.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 13:32
 Operator : YP\AJ
 Sample : PB169591BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB169591BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 06:05:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.654	3.796	27463066	95194308	22.443	19.687m
2) SA Decachlor...	10.430	8.806	22164919	133.4E6	22.445	17.787
Target Compounds						
3) L1 AR-1016-1	5.806	4.895	21993028	236.3E6	498.834	463.828
4) L1 AR-1016-2	5.827	4.953	32786413	109.9E6	521.731	461.742
5) L1 AR-1016-3	5.890	5.072	20919002	62693159	465.758	454.616
6) L1 AR-1016-4	5.987	5.113	17317145	61914816	492.219	442.871
7) L1 AR-1016-5	6.279	5.327	16395739	67494604	494.055	406.390
31) L7 AR-1260-1	7.396	6.356	28101529	173.5E6	486.106	462.443
32) L7 AR-1260-2	7.649	6.543	33302105	238.4E6	483.217	450.870
33) L7 AR-1260-3	8.007	6.696	22576496	181.3E6	435.123	418.735
34) L7 AR-1260-4	8.233	7.165	28916229	153.2E6	453.284m	401.481
35) L7 AR-1260-5	8.560	7.405	47569139	389.4E6	419.436	387.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074955.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 13:32
Operator : YP\AJ
Sample : PB169591BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB169591BS

Manual Integrations

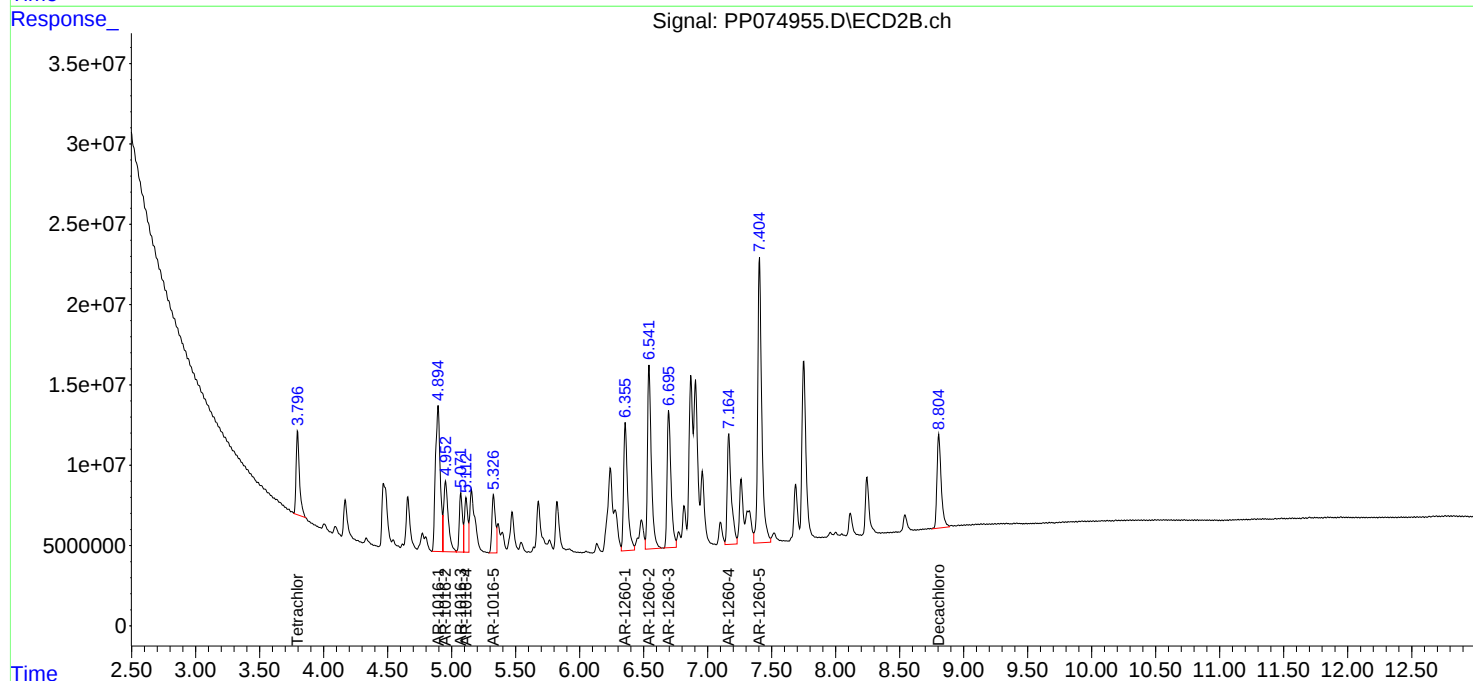
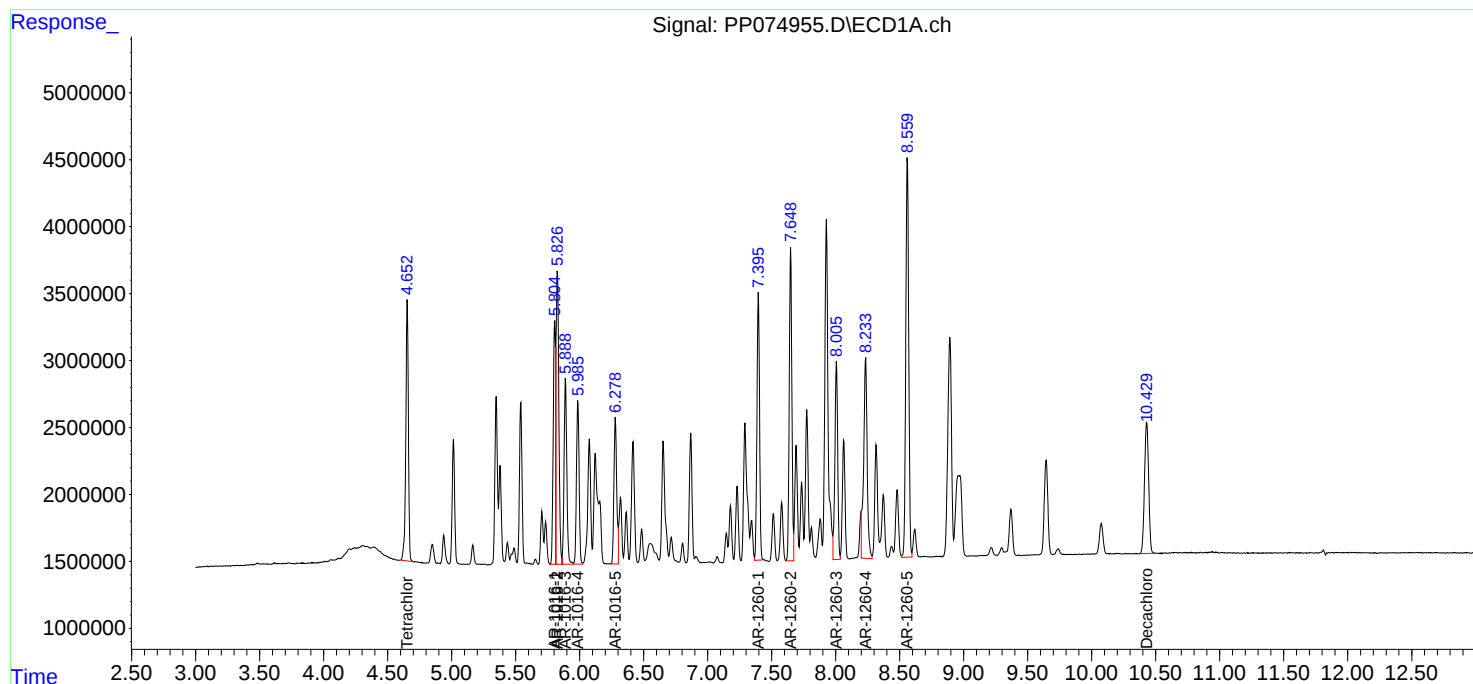
APPROVED

Reviewed By :Yogesh Patel 09/09/2025

Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:05:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2MS	SDG No.:	Q3032
Lab Sample ID:	Q3032-04MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
Sample Wt/Vol:	30.04	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
PP074959.D	1	09/08/25 09:00	09/08/25 14:37	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	266		4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.90	U	3.90	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	152		3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		30 (32) - 150 (144)	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.8		30 (32) - 150 (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_P\Data\PP090825\
 Data File : PP074959.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 14:37
 Operator : YP\AJ
 Sample : Q3032-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 SOIL-PILE-2MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 06:06:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.798	26144129	103.2E6	21.365	21.335
2) SA Decachlor...	10.428	8.806	14566288	84038773	14.751	11.206
Target Compounds						
3) L1 AR-1016-1	5.805	4.896	23969651	284.7E6	543.667m	558.871
4) L1 AR-1016-2	5.826	4.952	39582930	117.3E6	629.884m	492.678
5) L1 AR-1016-3	5.889	5.074	17838167	72981145	397.163m	529.219 #
6) L1 AR-1016-4	5.986	5.115	18798483	128.6E6	534.324m	919.957 #
7) L1 AR-1016-5	6.278	5.330	28263114	137.6E6	851.656m	828.296
31) L7 AR-1260-1	7.395	6.358	22584101	115.3E6	390.664m	307.177
32) L7 AR-1260-2	7.646	6.543	35566526	147.9E6	516.074	279.728 #
33) L7 AR-1260-3	8.007	6.697	15110825	121.1E6	291.235	279.768
34) L7 AR-1260-4	8.234	7.166	25307338	103.0E6	396.712	270.008 #
35) L7 AR-1260-5	8.560	7.405	34852420	238.4E6	307.308	237.343

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074959.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 14:37
Operator : YP\AJ
Sample : Q3032-04MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

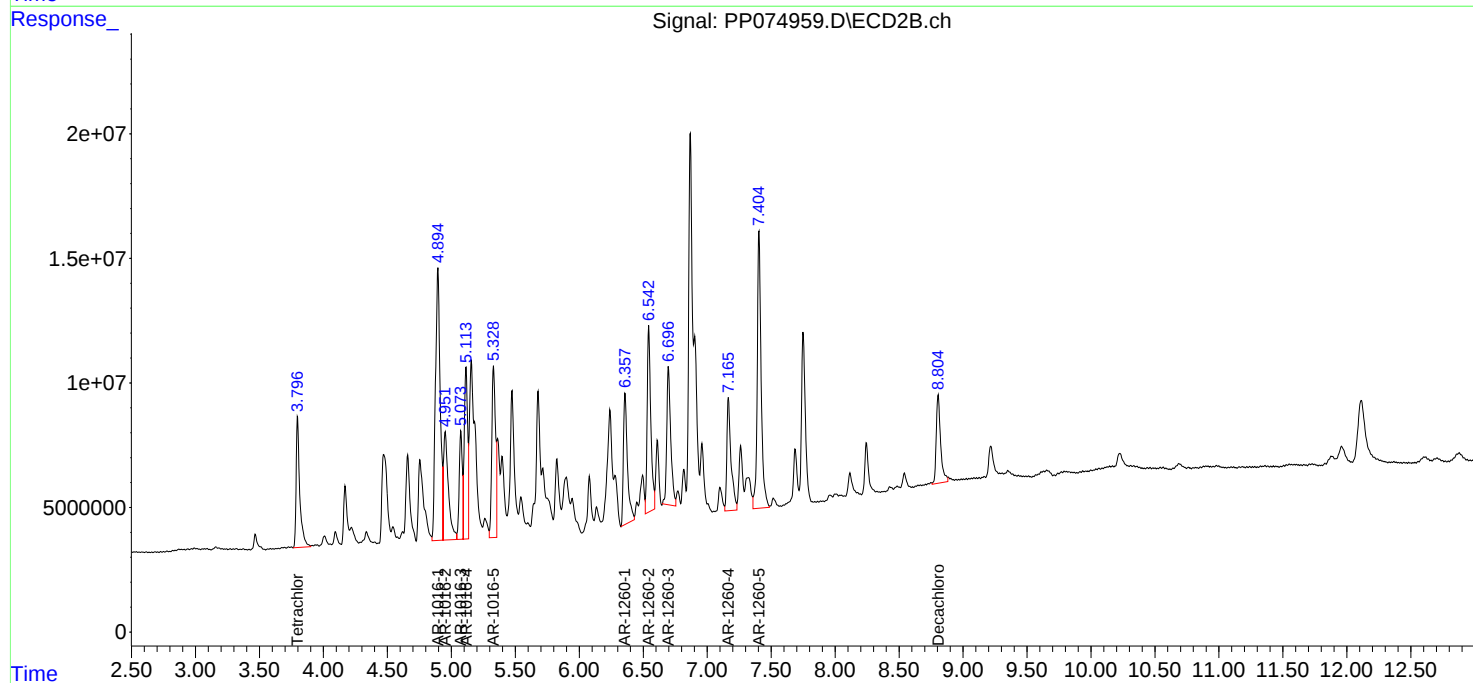
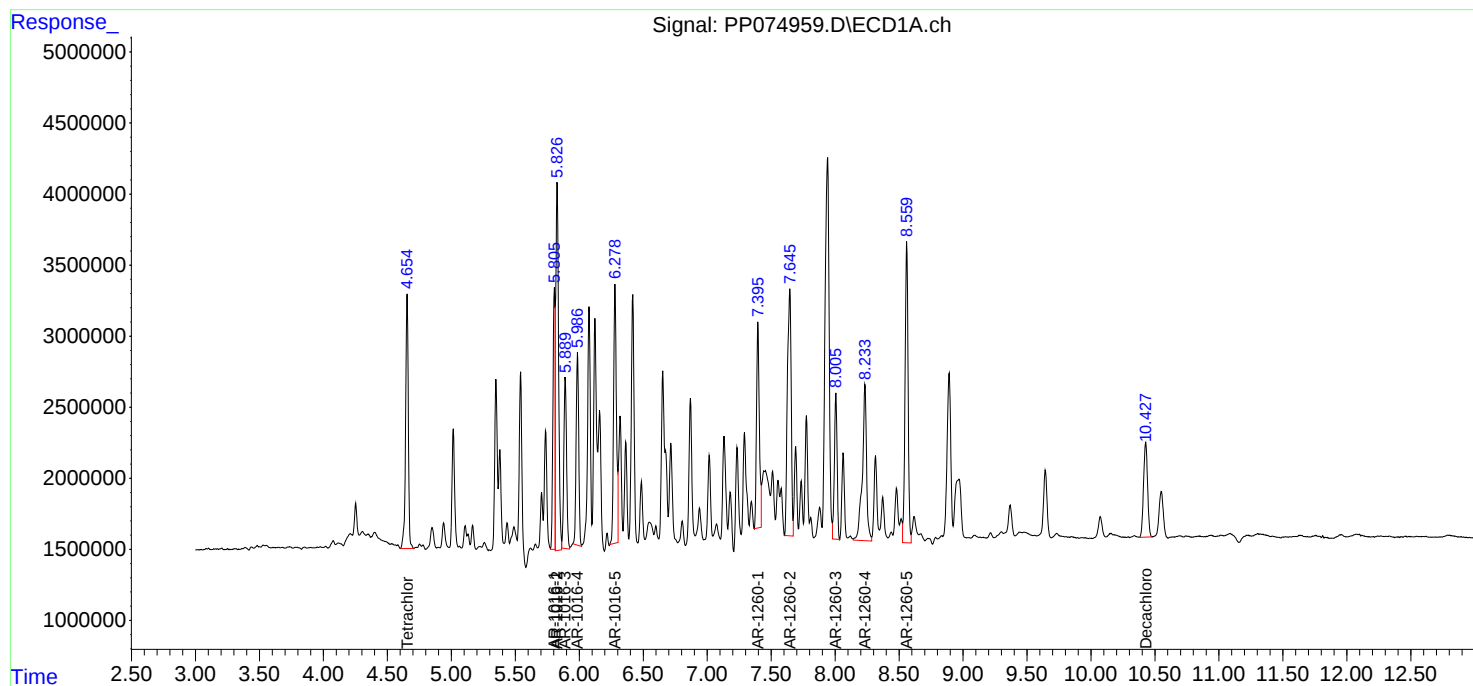
Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:06:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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:	Zuccaro Inc.	Date Collected:	09/05/25
Project:	3 Coal Ave., Morristown, NJ	Date Received:	09/05/25
Client Sample ID:	SOIL-PILE-2MSD	SDG No.:	Q3032
Lab Sample ID:	Q3032-04MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	83.2
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
PP074960.D	1	09/08/25 09:00	09/08/25 14:53	PB169591

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	301		4.70	20.4	ug/kg
11104-28-2	Aroclor-1221	4.80	U	4.80	20.4	ug/kg
11141-16-5	Aroclor-1232	4.50	U	4.50	20.4	ug/kg
53469-21-9	Aroclor-1242	4.80	U	4.80	20.4	ug/kg
12672-29-6	Aroclor-1248	7.10	U	7.10	20.4	ug/kg
11097-69-1	Aroclor-1254	3.80	U	3.80	20.4	ug/kg
37324-23-5	Aroclor-1262	6.00	U	6.00	20.4	ug/kg
11100-14-4	Aroclor-1268	4.30	U	4.30	20.4	ug/kg
11096-82-5	Aroclor-1260	143		3.90	20.4	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.7		30 (32) - 150 (144)	94%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.6		30 (32) - 150 (175)	63%	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\PP090825\
 Data File : PP074960.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Sep 2025 14:53
 Operator : YP\AJ
 Sample : Q3032-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 SOIL-PILE-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2025
 Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 09 06:06:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 20 06:20:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.654	3.798	22877936	85309007	18.696m	17.643
2) SA Decachlor...	10.429	8.805	12392351	81221815	12.549	10.831
Target Compounds						
3) L1 AR-1016-1	5.806	4.896	22264382	307.5E6	504.989m	603.674
4) L1 AR-1016-2	5.827	4.953	40407593	120.1E6	643.007m	504.428
5) L1 AR-1016-3	5.890	5.075	16289606	81117688	362.685m	588.220 #
6) L1 AR-1016-4	5.986	5.115	18609687	149.1E6	528.958m	1066.497 #
7) L1 AR-1016-5	6.279	5.329	31183929	167.5E6	939.669m	1008.430
31) L7 AR-1260-1	7.396	6.358	21157540	120.2E6	365.987m	320.274
32) L7 AR-1260-2	7.647	6.543	33372543	156.1E6	484.239	295.131 #
33) L7 AR-1260-3	8.007	6.698	13852929	120.4E6	266.992	278.018
34) L7 AR-1260-4	8.235	7.167	23811694	105.5E6	373.266	276.488 #
35) L7 AR-1260-5	8.560	7.405	33664127	252.8E6	296.830	251.657

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP090825\
Data File : PP074960.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Sep 2025 14:53
Operator : YP\AJ
Sample : Q3032-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

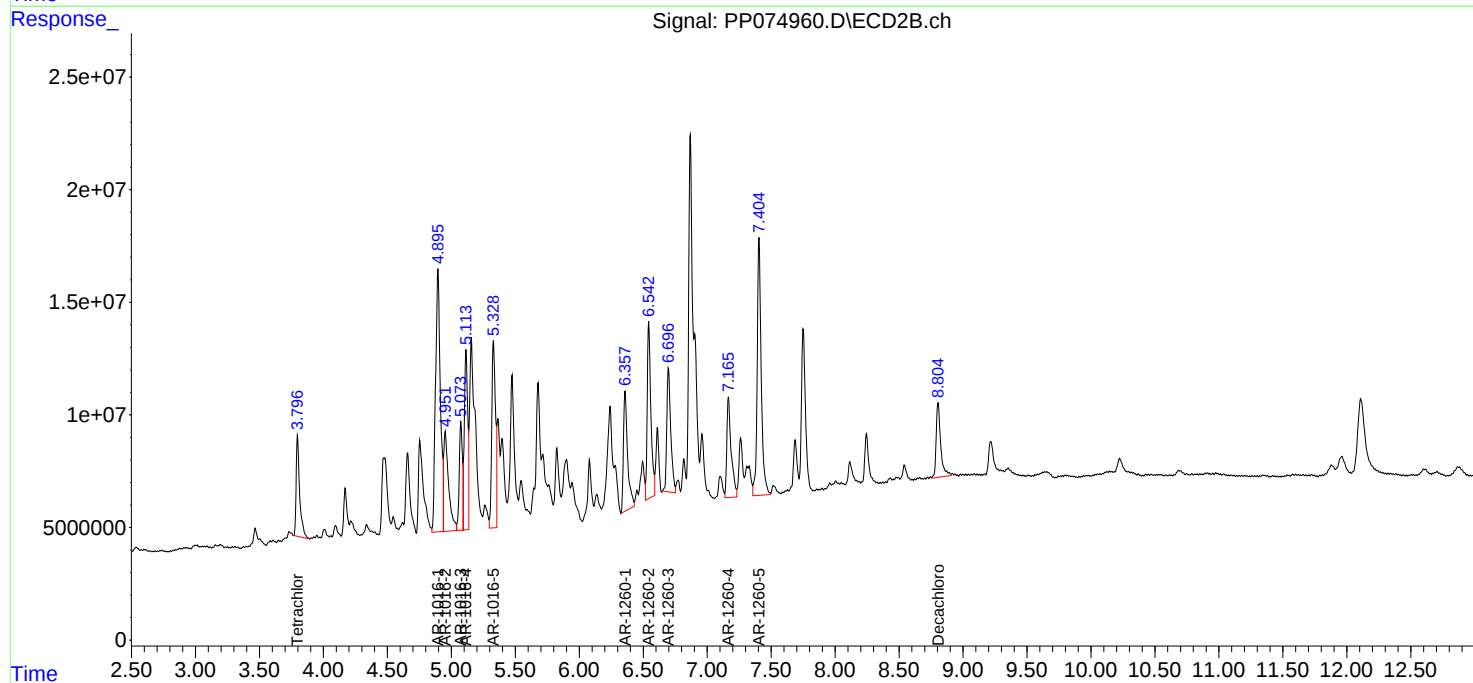
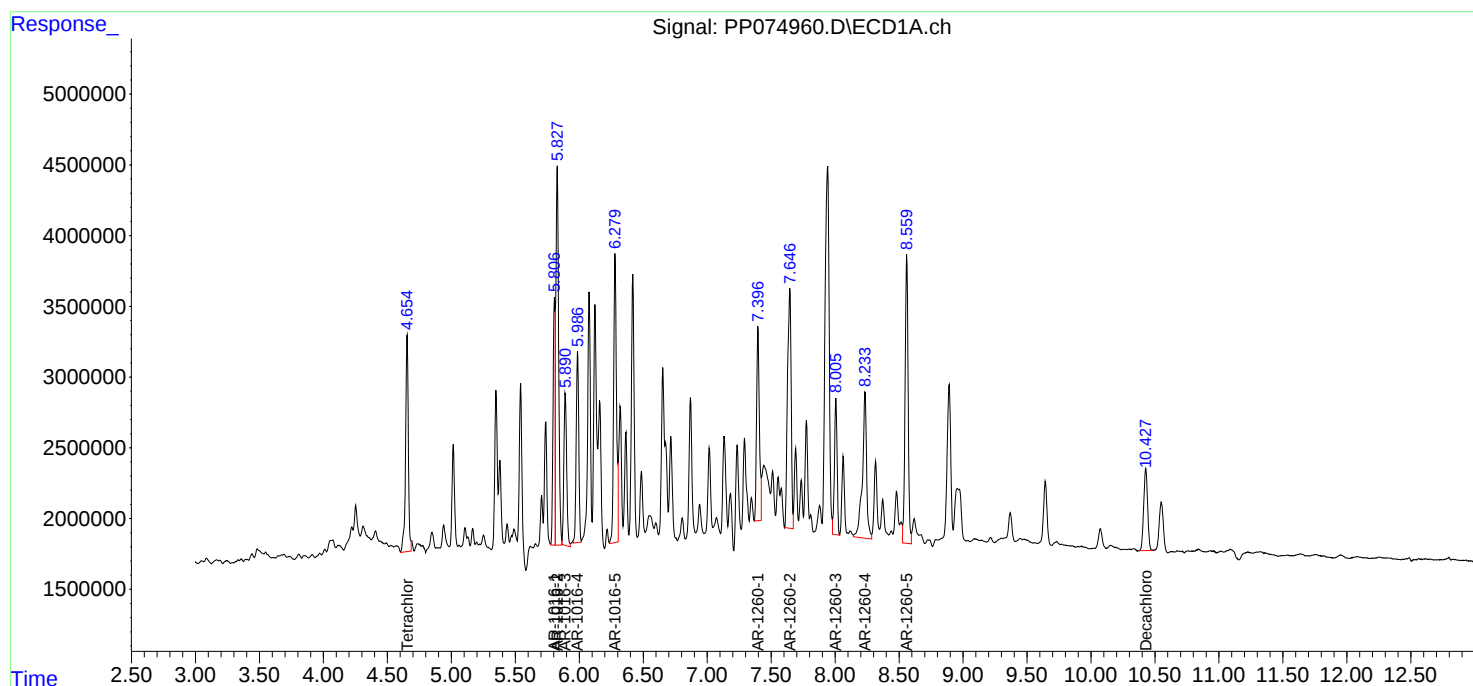
Instrument :
ECD_P
ClientSampleId :
SOIL-PILE-2MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/09/2025
Supervised By :mohammad ahmed 09/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 09 06:06:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP081925.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 20 06:20:44 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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:

PP081925

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP074495.D	AR-1016-1	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-3	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1016-4	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-3	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-4	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-4 #2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1660ICC050	PP074495.D	AR-1260-5 #2	yogesh	8/20/2025 8:01:00 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1232ICC500	PP074497.D	AR-1232-4 #2	yogesh	8/20/2025 8:01:58 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC1000	PP074498.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:02 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC750	PP074499.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:03 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC500	PP074500.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:05 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC250	PP074501.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:08 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP074502.D	AR-1242-1	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-2	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-3	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-4	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICC050	PP074502.D	AR-1242-5	yogesh	8/20/2025 8:01:10 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC1000	PP074503.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:12 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC750	PP074504.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:14 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC500	PP074505.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:16 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC250	PP074506.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:18 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-2	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-5	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICC050	PP074507.D	AR-1248-5 #2	yogesh	8/20/2025 8:01:20 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software

Manual Integration Report

Sequence:	PP081925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC1000	PP074508.D	AR-1254-1	yogesh	8/20/2025 8:01:25 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC1000	PP074508.D	AR-1254-5 #2	yogesh	8/20/2025 8:01:25 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC750	PP074509.D	AR-1254-1	yogesh	8/20/2025 8:01:23 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC750	PP074509.D	AR-1254-5 #2	yogesh	8/20/2025 8:01:23 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC500	PP074510.D	AR-1254-1	yogesh	8/20/2025 8:01:31 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC250	PP074511.D	AR-1254-1	yogesh	8/20/2025 8:01:33 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC050	PP074512.D	AR-1254-1	yogesh	8/20/2025 8:01:34 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICC050	PP074512.D	AR-1254-3	yogesh	8/20/2025 8:01:34 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1268ICC050	PP074518.D	Tetrachloro-m-xylene #2	yogesh	8/20/2025 8:01:36 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICV500	PP074520.D	AR-1242-4 #2	yogesh	8/20/2025 8:01:38 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1242ICV500	PP074520.D	AR-1242-5 #2	yogesh	8/20/2025 8:01:38 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1248ICV500	PP074521.D	AR-1248-3 #2	yogesh	8/20/2025 8:01:40 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software
AR1254ICV500	PP074522.D	AR-1254-1	yogesh	8/20/2025 8:01:41 AM	mohammad	8/21/2025 1:31:42	Peak Integrated by Software



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

Manual Integration Report

Sequence:

PP081925

Instrument

ECD_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	pp090825	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP074942.D	Decachlorobiphenyl	yogesh	9/9/2025 8:21:05 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP074950.D	AR-1242-4 #2	yogesh	9/9/2025 8:21:19 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP074951.D	AR-1248-3 #2	yogesh	9/9/2025 8:21:22 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP074952.D	AR-1254-1	yogesh	9/9/2025 8:21:24 AM	 	 	Peak Integrated by Software
PB169591BS	PP074955.D	AR-1260-4	yogesh	9/9/2025 8:21:26 AM	 	 	Peak Integrated by Software
PB169591BS	PP074955.D	Tetrachloro-m-xylene #2	yogesh	9/9/2025 8:21:26 AM	 	 	Peak Integrated by Software
Q3032-04MS	PP074959.D	AR-1016-1	yogesh	9/9/2025 8:21:30 AM	 	 	Peak Integrated by Software
Q3032-04MS	PP074959.D	AR-1016-2	yogesh	9/9/2025 8:21:30 AM	 	 	Peak Integrated by Software
Q3032-04MS	PP074959.D	AR-1016-3	yogesh	9/9/2025 8:21:30 AM	 	 	Peak Integrated by Software
Q3032-04MS	PP074959.D	AR-1016-4	yogesh	9/9/2025 8:21:30 AM	 	 	Peak Integrated by Software
Q3032-04MS	PP074959.D	AR-1016-5	yogesh	9/9/2025 8:21:30 AM	 	 	Peak Integrated by Software
Q3032-04MS	PP074959.D	AR-1260-1	yogesh	9/9/2025 8:21:30 AM	 	 	Peak Integrated by Software
Q3032-04MSD	PP074960.D	AR-1016-1	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:	pp090825	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3032-04MSD	PP074960.D	AR-1016-2	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software
Q3032-04MSD	PP074960.D	AR-1016-3	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software
Q3032-04MSD	PP074960.D	AR-1016-4	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software
Q3032-04MSD	PP074960.D	AR-1016-5	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software
Q3032-04MSD	PP074960.D	AR-1260-1	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software
Q3032-04MSD	PP074960.D	Tetrachloro-m-xylene	yogesh	9/9/2025 8:21:33 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP074964.D	AR-1242-4 #2	yogesh	9/9/2025 8:21:38 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP074965.D	AR-1248-3 #2	yogesh	9/9/2025 8:21:41 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP074966.D	AR-1254-1	yogesh	9/9/2025 8:21:43 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP074978.D	AR-1016-4 #2	yogesh	9/9/2025 8:22:07 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP074978.D	AR-1016-5	yogesh	9/9/2025 8:22:07 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP074978.D	AR-1016-5 #2	yogesh	9/9/2025 8:22:07 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP074978.D	AR-1260-2 #2	yogesh	9/9/2025 8:22:07 AM	 	 	Peak Integrated by Software

Manual Integration Report

Sequence:

pp090825

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074979.D	AR-1242-4 #2	yogesh	9/9/2025 8:22:09 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP074980.D	AR-1248-3 #2	yogesh	9/9/2025 8:22:11 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP074981.D	AR-1254-1	yogesh	9/9/2025 8:22:13 AM	 	 	Peak Integrated by Software
AR1660CCC500	PP074985.D	Decachlorobiphenyl	yogesh	9/9/2025 8:22:19 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP074986.D	AR-1242-4 #2	yogesh	9/9/2025 8:22:22 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP074986.D	Decachlorobiphenyl	yogesh	9/9/2025 8:22:22 AM	 	 	Peak Integrated by Software
AR1242CCC500	PP074986.D	Decachlorobiphenyl #2	yogesh	9/9/2025 8:22:22 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP074987.D	AR-1248-3 #2	yogesh	9/9/2025 8:22:24 AM	 	 	Peak Integrated by Software
AR1248CCC500	PP074987.D	Decachlorobiphenyl #2	yogesh	9/9/2025 8:22:24 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP074988.D	AR-1254-1	yogesh	9/9/2025 8:22:27 AM	 	 	Peak Integrated by Software
AR1254CCC500	PP074988.D	Decachlorobiphenyl	yogesh	9/9/2025 8:22:27 AM	 	 	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM
SubDirectory	PP081925	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829, PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844, PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074489.D	19 Aug 2025 09:30	YP\AJ	Ok
2	I.BLK	PP074490.D	19 Aug 2025 09:46	YP\AJ	Ok
3	AR1660ICC1000	PP074491.D	19 Aug 2025 10:02	YP\AJ	Ok
4	AR1660ICC750	PP074492.D	19 Aug 2025 10:18	YP\AJ	Ok
5	AR1660ICC500	PP074493.D	19 Aug 2025 10:34	YP\AJ	Ok
6	AR1660ICC250	PP074494.D	19 Aug 2025 10:51	YP\AJ	Ok
7	AR1660ICC050	PP074495.D	19 Aug 2025 11:07	YP\AJ	Ok,M
8	AR1221ICC500	PP074496.D	19 Aug 2025 11:23	YP\AJ	Ok
9	AR1232ICC500	PP074497.D	19 Aug 2025 11:39	YP\AJ	Ok,M
10	AR1242ICC1000	PP074498.D	19 Aug 2025 11:55	YP\AJ	Ok,M
11	AR1242ICC750	PP074499.D	19 Aug 2025 12:12	YP\AJ	Ok,M
12	AR1242ICC500	PP074500.D	19 Aug 2025 12:28	YP\AJ	Ok,M
13	AR1242ICC250	PP074501.D	19 Aug 2025 12:44	YP\AJ	Ok,M
14	AR1242ICC050	PP074502.D	19 Aug 2025 13:00	YP\AJ	Ok,M
15	AR1248ICC1000	PP074503.D	19 Aug 2025 13:16	YP\AJ	Ok,M
16	AR1248ICC750	PP074504.D	19 Aug 2025 13:33	YP\AJ	Ok,M
17	AR1248ICC500	PP074505.D	19 Aug 2025 13:49	YP\AJ	Ok,M
18	AR1248ICC250	PP074506.D	19 Aug 2025 14:05	YP\AJ	Ok,M
19	AR1248ICC050	PP074507.D	19 Aug 2025 14:21	YP\AJ	Ok,M
20	AR1254ICC1000	PP074508.D	19 Aug 2025 14:37	YP\AJ	Ok,M
21	AR1254ICC750	PP074509.D	19 Aug 2025 14:53	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM
SubDirectory	PP081925	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC			
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP074510.D	19 Aug 2025 15:10	YP\AJ	Ok,M
23	AR1254ICC250	PP074511.D	19 Aug 2025 15:42	YP\AJ	Ok,M
24	AR1254ICC050	PP074512.D	19 Aug 2025 15:58	YP\AJ	Ok,M
25	AR1262ICC500	PP074513.D	19 Aug 2025 16:14	YP\AJ	Ok
26	AR1268ICC1000	PP074514.D	19 Aug 2025 16:31	YP\AJ	Ok
27	AR1268ICC750	PP074515.D	19 Aug 2025 16:47	YP\AJ	Ok
28	AR1268ICC500	PP074516.D	19 Aug 2025 17:03	YP\AJ	Ok
29	AR1268ICC250	PP074517.D	19 Aug 2025 17:19	YP\AJ	Ok
30	AR1268ICC050	PP074518.D	19 Aug 2025 17:36	YP\AJ	Ok,M
31	PP081925ICV500	PP074519.D	19 Aug 2025 17:52	YP\AJ	Ok
32	AR1242ICV500	PP074520.D	19 Aug 2025 19:13	YP\AJ	Ok,M
33	AR1248ICV500	PP074521.D	19 Aug 2025 19:29	YP\AJ	Ok,M
34	AR1254ICV500	PP074522.D	19 Aug 2025 20:18	YP\AJ	Ok,M
35	AR1268ICV500	PP074523.D	19 Aug 2025 21:07	YP\AJ	Ok
36	DDT ANALOG	PP074524.D	19 Aug 2025 21:55	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP090825

Review By	yogesh	Review On	9/8/2025 10:52:10 AM
Supervise By		Supervise On	
SubDirectory	PP090825	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074941.D	08 Sep 2025 09:23	YP\AJ	Ok
2	AR1660CCC500	PP074942.D	08 Sep 2025 09:39	YP\AJ	Ok,NS
3	I.BLK	PP074943.D	08 Sep 2025 09:55	YP\AJ	Ok
4	Q2893-03	PP074944.D	08 Sep 2025 10:11	YP\AJ	Ok,NS
5	Q2893-09	PP074945.D	08 Sep 2025 10:30	YP\AJ	Ok,NS
6	Q2893-08	PP074946.D	08 Sep 2025 10:47	YP\AJ	Ok,NS
7	Q2893-08	PP074947.D	08 Sep 2025 11:03	YP\AJ	Ok,NS
8	Q2893-08	PP074948.D	08 Sep 2025 11:19	YP\AJ	Ok,NS
9	AR1660CCC500	PP074949.D	08 Sep 2025 11:51	YP\AJ	Ok
10	AR1242CCC500	PP074950.D	08 Sep 2025 12:11	YP\AJ	Ok,NS
11	AR1248CCC500	PP074951.D	08 Sep 2025 12:27	YP\AJ	Ok,NS
12	AR1254CCC500	PP074952.D	08 Sep 2025 12:43	YP\AJ	Ok,NS
13	I.BLK	PP074953.D	08 Sep 2025 13:00	YP\AJ	Ok
14	PB169591BL	PP074954.D	08 Sep 2025 13:16	YP\AJ	Ok
15	PB169591BS	PP074955.D	08 Sep 2025 13:32	YP\AJ	Ok,NS
16	Q3031-01	PP074956.D	08 Sep 2025 13:48	YP\AJ	Ok,NS
17	Q3032-01	PP074957.D	08 Sep 2025 14:04	YP\AJ	Ok
18	Q3032-04	PP074958.D	08 Sep 2025 14:21	YP\AJ	Ok
19	Q3032-04MS	PP074959.D	08 Sep 2025 14:37	YP\AJ	Ok,NS
20	Q3032-04MSD	PP074960.D	08 Sep 2025 14:53	YP\AJ	Ok,NS
21	Q2983-01	PP074961.D	08 Sep 2025 15:10	YP\AJ	Ok,NR

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP090825

Review By	yogesh	Review On	9/8/2025 10:52:10 AM
Supervise By		Supervise On	
SubDirectory	PP090825	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2983-01	PP074962.D	08 Sep 2025 15:26	YPIAJ	Ok,NS
23	AR1660CCC500	PP074963.D	08 Sep 2025 16:04	YPIAJ	Ok
24	AR1242CCC500	PP074964.D	08 Sep 2025 16:20	YPIAJ	Ok,NS
25	AR1248CCC500	PP074965.D	08 Sep 2025 16:36	YPIAJ	Ok,NS
26	AR1254CCC500	PP074966.D	08 Sep 2025 16:53	YPIAJ	Ok,NS
27	I.BLK	PP074967.D	08 Sep 2025 17:09	YPIAJ	Ok
28	PB169607BL	PP074968.D	08 Sep 2025 19:19	YPIAJ	Ok
29	PB169607BS	PP074969.D	08 Sep 2025 19:35	YPIAJ	Ok,NS
30	Q3043-01	PP074970.D	08 Sep 2025 19:52	YPIAJ	Ok,NS
31	Q3043-02	PP074971.D	08 Sep 2025 20:08	YPIAJ	Ok,NS
32	Q3043-03	PP074972.D	08 Sep 2025 20:24	YPIAJ	Ok,NS
33	Q3043-04	PP074973.D	08 Sep 2025 20:40	YPIAJ	Ok,NS
34	Q3044-01	PP074974.D	08 Sep 2025 20:57	YPIAJ	Ok,NS
35	Q3044-02	PP074975.D	08 Sep 2025 21:13	YPIAJ	Ok,NS
36	Q3044-03	PP074976.D	08 Sep 2025 21:29	YPIAJ	Ok
37	Q3044-04	PP074977.D	08 Sep 2025 21:45	YPIAJ	Ok,NS
38	AR1660CCC500	PP074978.D	08 Sep 2025 22:29	YPIAJ	Ok,NS
39	AR1242CCC500	PP074979.D	08 Sep 2025 22:45	YPIAJ	Ok,NS
40	AR1248CCC500	PP074980.D	08 Sep 2025 23:01	YPIAJ	Ok,NS
41	AR1254CCC500	PP074981.D	08 Sep 2025 23:17	YPIAJ	Ok,NS
42	I.BLK	PP074982.D	08 Sep 2025 23:34	YPIAJ	Ok
43	Q3044-05	PP074983.D	08 Sep 2025 23:50	YPIAJ	Ok,NS
44	Q3044-06	PP074984.D	09 Sep 2025 00:06	YPIAJ	Ok,NS

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP090825

Review By	yogesh	Review On	9/8/2025 10:52:10 AM
Supervise By		Supervise On	
SubDirectory	PP090825	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	AR1660CCC500	PP074985.D	09 Sep 2025 01:06	YP\AJ	Ok,NS
46	AR1242CCC500	PP074986.D	09 Sep 2025 01:22	YP\AJ	Ok,NS
47	AR1248CCC500	PP074987.D	09 Sep 2025 01:38	YP\AJ	Ok,NS
48	AR1254CCC500	PP074988.D	09 Sep 2025 01:54	YP\AJ	Ok,NS
49	I.BLK	PP074989.D	09 Sep 2025 02:11	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM
SubDirectory	PP081925	HP Acquire Method	HP Processing Method PP081925

STD. NAME	STD REF.#
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074489.D	19 Aug 2025 09:30		YP\AJ	Ok
2	I.BLK	I.BLK	PP074490.D	19 Aug 2025 09:46		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074491.D	19 Aug 2025 10:02		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074492.D	19 Aug 2025 10:18		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074493.D	19 Aug 2025 10:34		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074494.D	19 Aug 2025 10:51		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP074495.D	19 Aug 2025 11:07		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074496.D	19 Aug 2025 11:23		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074497.D	19 Aug 2025 11:39		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074498.D	19 Aug 2025 11:55		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074499.D	19 Aug 2025 12:12		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074500.D	19 Aug 2025 12:28		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074501.D	19 Aug 2025 12:44		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074502.D	19 Aug 2025 13:00		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074503.D	19 Aug 2025 13:16		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP074504.D	19 Aug 2025 13:33		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP074505.D	19 Aug 2025 13:49		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074506.D	19 Aug 2025 14:05		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081925

Review By	yogesh	Review On	8/19/2025 10:38:23 AM
Supervise By	mohammad	Supervise On	8/21/2025 1:31:42 AM
SubDirectory	PP081925	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP2416,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P P24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP 24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854 PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		

19	AR1248ICC050	AR1248ICC050	PP074507.D	19 Aug 2025 14:21		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP074508.D	19 Aug 2025 14:37		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074509.D	19 Aug 2025 14:53		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074510.D	19 Aug 2025 15:10		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074511.D	19 Aug 2025 15:42		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074512.D	19 Aug 2025 15:58		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074513.D	19 Aug 2025 16:14		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074514.D	19 Aug 2025 16:31		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP074515.D	19 Aug 2025 16:47		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP074516.D	19 Aug 2025 17:03		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074517.D	19 Aug 2025 17:19		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP074518.D	19 Aug 2025 17:36		YPIAJ	Ok,M
31	PP081925ICV500	ICVPP081925	PP074519.D	19 Aug 2025 17:52		YPIAJ	Ok
32	AR1242ICV500	ICVPP081925AR1242	PP074520.D	19 Aug 2025 19:13		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP081925AR1248	PP074521.D	19 Aug 2025 19:29		YPIAJ	Ok,M
34	AR1254ICV500	ICVPP081925AR1254	PP074522.D	19 Aug 2025 20:18		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP081925AR1268	PP074523.D	19 Aug 2025 21:07		YPIAJ	Ok
36	DDT ANALOG	DDT ANALOG	PP074524.D	19 Aug 2025 21:55		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP090825

Review By	yogesh	Review On	9/8/2025 10:52:10 AM
Supervise By		Supervise On	
SubDirectory	PP090825	HP Acquire Method	HP Processing Method PP081925

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Internal Standard/PEM	
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleID	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074941.D	08 Sep 2025 09:23		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074942.D	08 Sep 2025 09:39		YP\AJ	Ok,NS
3	I.BLK	I.BLK	PP074943.D	08 Sep 2025 09:55		YP\AJ	Ok
4	Q2893-03	MDL-SOIL-03-QT3-202	PP074944.D	08 Sep 2025 10:11	AR1242 SOIL MDL 25PPB	YP\AJ	Ok,NS
5	Q2893-09	MDL-WATER-03-QT3-2	PP074945.D	08 Sep 2025 10:30	AR1242 WATER MDL 25PPB	YP\AJ	Ok,NS
6	Q2893-08	LOQ-WATER-02-QT3-2	PP074946.D	08 Sep 2025 10:47	AR1254 WATER LOQ 50PPB	YP\AJ	Ok,NS
7	Q2893-08	LOQ-WATER-02-QT3-2	PP074947.D	08 Sep 2025 11:03	AR1262 WATER LOQ 50PPB	YP\AJ	Ok,NS
8	Q2893-08	LOQ-WATER-02-QT3-2	PP074948.D	08 Sep 2025 11:19	AR1268 WATER LOQ 50PPB	YP\AJ	Ok,NS
9	AR1660CCC500	AR1660CCC500	PP074949.D	08 Sep 2025 11:51		YP\AJ	Ok
10	AR1242CCC500	AR1242CCC500	PP074950.D	08 Sep 2025 12:11		YP\AJ	Ok,NS
11	AR1248CCC500	AR1248CCC500	PP074951.D	08 Sep 2025 12:27		YP\AJ	Ok,NS
12	AR1254CCC500	AR1254CCC500	PP074952.D	08 Sep 2025 12:43		YP\AJ	Ok,NS
13	I.BLK	I.BLK	PP074953.D	08 Sep 2025 13:00		YP\AJ	Ok
14	PB169591BL	PB169591BL	PP074954.D	08 Sep 2025 13:16		YP\AJ	Ok
15	PB169591BS	PB169591BS	PP074955.D	08 Sep 2025 13:32		YP\AJ	Ok,NS
16	Q3031-01	PL-01-09052025	PP074956.D	08 Sep 2025 13:48		YP\AJ	Ok,NS
17	Q3032-01	SOIL-PILE-1	PP074957.D	08 Sep 2025 14:04		YP\AJ	Ok
18	Q3032-04	SOIL-PILE-2	PP074958.D	08 Sep 2025 14:21		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP090825

Review By	yogesh	Review On	9/8/2025 10:52:10 AM
Supervise By		Supervise On	
SubDirectory	PP090825	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	Q3032-04MS	SOIL-PILE-2MS	PP074959.D	08 Sep 2025 14:37		YPIAJ	Ok,NS
20	Q3032-04MSD	SOIL-PILE-2MSD	PP074960.D	08 Sep 2025 14:53		YPIAJ	Ok,NS
21	Q2983-01	LAW-25-0128	PP074961.D	08 Sep 2025 15:10	AR1262 SOIL LOD 40 PPB	YPIAJ	Ok,NR
22	Q2983-01	LAW-25-0128	PP074962.D	08 Sep 2025 15:26	AR1268 SOIL LOD 40 PPB	YPIAJ	Ok,NS
23	AR1660CCC500	AR1660CCC500	PP074963.D	08 Sep 2025 16:04		YPIAJ	Ok
24	AR1242CCC500	AR1242CCC500	PP074964.D	08 Sep 2025 16:20		YPIAJ	Ok,NS
25	AR1248CCC500	AR1248CCC500	PP074965.D	08 Sep 2025 16:36		YPIAJ	Ok,NS
26	AR1254CCC500	AR1254CCC500	PP074966.D	08 Sep 2025 16:53		YPIAJ	Ok,NS
27	I.BLK	I.BLK	PP074967.D	08 Sep 2025 17:09		YPIAJ	Ok
28	PB169607BL	PB169607BL	PP074968.D	08 Sep 2025 19:19		YPIAJ	Ok
29	PB169607BS	PB169607BS	PP074969.D	08 Sep 2025 19:35		YPIAJ	Ok,NS
30	Q3043-01	BC283069-1-1	PP074970.D	08 Sep 2025 19:52	AR1254 Hit	YPIAJ	Ok,NS
31	Q3043-02	BC283069-1-2	PP074971.D	08 Sep 2025 20:08	AR1254 Hit	YPIAJ	Ok,NS
32	Q3043-03	BC258874-1-1	PP074972.D	08 Sep 2025 20:24		YPIAJ	Ok,NS
33	Q3043-04	BC258874-1-2	PP074973.D	08 Sep 2025 20:40		YPIAJ	Ok,NS
34	Q3044-01	Y2307-0187-1-1	PP074974.D	08 Sep 2025 20:57		YPIAJ	Ok,NS
35	Q3044-02	Y2307-0187-1-2	PP074975.D	08 Sep 2025 21:13		YPIAJ	Ok,NS
36	Q3044-03	BC204970-1-1	PP074976.D	08 Sep 2025 21:29		YPIAJ	Ok
37	Q3044-04	BC204970-1-2	PP074977.D	08 Sep 2025 21:45		YPIAJ	Ok,NS

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP090825

Review By	yogesh	Review On	9/8/2025 10:52:10 AM
Supervise By		Supervise On	
SubDirectory	PP090825	HP Acquire Method	HP Processing Method PP081925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854		
CCC	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Internal Standard/PEM			
ICV/I.BLK	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	AR1660CCC500	AR1660CCC500	PP074978.D	08 Sep 2025 22:29		YPIAJ	Ok,NS
39	AR1242CCC500	AR1242CCC500	PP074979.D	08 Sep 2025 22:45	DCB Low in 2nd column	YPIAJ	Ok,NS
40	AR1248CCC500	AR1248CCC500	PP074980.D	08 Sep 2025 23:01	DCB Low in 2nd column	YPIAJ	Ok,NS
41	AR1254CCC500	AR1254CCC500	PP074981.D	08 Sep 2025 23:17		YPIAJ	Ok,NS
42	I.BLK	I.BLK	PP074982.D	08 Sep 2025 23:34		YPIAJ	Ok
43	Q3044-05	BC258714-1-1	PP074983.D	08 Sep 2025 23:50		YPIAJ	Ok,NS
44	Q3044-06	BC258714-1-2	PP074984.D	09 Sep 2025 00:06		YPIAJ	Ok,NS
45	AR1660CCC500	AR1660CCC500	PP074985.D	09 Sep 2025 01:06		YPIAJ	Ok,NS
46	AR1242CCC500	AR1242CCC500	PP074986.D	09 Sep 2025 01:22		YPIAJ	Ok,NS
47	AR1248CCC500	AR1248CCC500	PP074987.D	09 Sep 2025 01:38		YPIAJ	Ok,NS
48	AR1254CCC500	AR1254CCC500	PP074988.D	09 Sep 2025 01:54		YPIAJ	Ok,NS
49	I.BLK	I.BLK	PP074989.D	09 Sep 2025 02:11		YPIAJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: JIGNESH
Date: 9/8/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 09/05/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:33
Out Date: 09/06/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137097

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
Q3029-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3029-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3029-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3029-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3029-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3029-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3031-01	PL-01-09052025	7	1.14	10.85	11.99	10.26	84.1	
Q3031-02	PL-01-09052025-E2	8	1.13	10.69	11.82	10.62	88.8	
Q3032-01	SOIL-PILE-1	9	1.16	10.40	11.56	9.8	83.1	
Q3032-03	SOIL-PILE-1	10	1.18	10.25	11.43	9.55	81.7	
Q3032-04	SOIL-PILE-2	11	1.14	10.95	12.09	10.25	83.2	
Q3032-06	SOIL-PILE-2	12	1.14	10.80	11.94	10.05	82.5	
Q3034-01	PASSAIC-A	13	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-02	PASSAIC-B	14	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-03	PASSAIC-C	15	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-04	PASSAIC-D	16	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-05	PASSAIC-E	17	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-06	PASSAIC-F	18	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-07	PASSAIC-G	19	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-08	PASSAIC-H	20	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-09	PASSAIC-I	21	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-10	PASSAIC-J	22	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3034-11	PASSAIC-K	23	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3036-01	OR-828	24	1.00	1.00	2.00	2.00	100.0	oil sample

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

WORKLIST(Hardcopy Internal Chain)

137097

WorkList Name : %1-090525 WorkList ID : 191691 Department : Wet-Chemistry Date : 09-05-2025 08:30:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3029-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3029-10	PEST-GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D21	08/29/2025	Chemtech -SO
Q3031-01	PL-01-09052025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/05/2025	Chemtech -SO
Q3031-02	PL-01-09052025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	09/05/2025	Chemtech -SO
Q3032-01	SOIL-PILE-1	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3032-03	SOIL-PILE-1	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3032-04	SOIL-PILE-2	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3032-06	SOIL-PILE-2	Solid	Percent Solids	Cool 4 deg C	ZUCC01	D31	09/05/2025	Chemtech -SO
Q3034-01	PASSAIC-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-02	PASSAIC-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-03	PASSAIC-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-04	PASSAIC-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-05	PASSAIC-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-06	PASSAIC-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-07	PASSAIC-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-08	PASSAIC-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-09	PASSAIC-I	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO

Date/Time 09/05/25 15:00
 Raw Sample Received by: SPW
 Raw Sample Relinquished by: CP Sm
 Date/Time 09/05/25 17:20
 Raw Sample Received by: CP Sm
 Raw Sample Relinquished by: SPW

WORKLIST(Hardcopy Internal Chain)

137097

WorkList Name : %1-090525

WorkList ID : 191691

Department : Wet-Chemistry

Date : 09-05-2025 08:30:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3034-10	PASSAIC-J	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3034-11	PASSAIC-K	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO
Q3036-01	OR-828	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/05/2025	Chemtech -SO

Date/Time 09/05/25 15:00
 Raw Sample Received by: SB WCC
 Raw Sample Relinquished by: CP SM

Date/Time 09/05/25 17:20
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: SB WCC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: EH

Filter By: EH

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 09/08/2025

Extraction Start Time : 09:00

Extraction End Date : 09/08/2025

Extraction End Time : 12:30

Concentration By: RJ

Supervisor By : ritesh

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

Standardized Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24799
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	EP2627
Baked Na2SO4	N/A	EP2636
Hexane	N/A	E3968
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
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: NEEVP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
9/8/25	RJ (ELT-146)	Yf PestHPCB.
12:35	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 09/08/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169591BL	ABLK591	PCB	30.01	N/A	ritesh	Evelyn	10			U2-1
PB169591BS	ALCS591	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3031-01	PL-01-09052025	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q3032-01	SOIL-PILE-1	PCB	30.03	N/A	ritesh	Evelyn	10	B		4
Q3032-04	SOIL-PILE-2	PCB	30.08	N/A	ritesh	Evelyn	10	B		5
Q3032-04MS	SOIL-PILE-2MS	PCB	30.04	N/A	ritesh	Evelyn	10	B		6
Q3032-04MS D	SOIL-PILE-2MSD	PCB	30.07	N/A	ritesh	Evelyn	10	B		U3-1

* Extracts relinquished on the same date as received.

RJ
09/08

164591
9:00

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3031

WorkList ID : 191723

Department : Extraction

Date : 09-08-2025 08:53:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3031-01	PL-01-09052025	Solid	PCB	Cool 4 deg C	PSEG05	D21	09/05/2025	8082A
Q3032-01	SOIL-PILE-1	Solid	PCB	Cool 4 deg C	ZUCC01	D31	09/05/2025	8082A
Q3032-04	SOIL-PILE-2	Solid	PCB	Cool 4 deg C	ZUCC01	D31	09/05/2025	8082A

Date/Time 09/08/25 8:55
Raw Sample Received by: EH (LXL-146)
Raw Sample Relinquished by: JD (SM)

Date/Time 09/08/25 9:10
Raw Sample Received by: JD (SM)
Raw Sample Relinquished by: EH (LXL-146)



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Zuccaro Inc.

ADDRESS: 3 Coal Ave

CITY: Morristown STATE: NJ ZIP:

ATTENTION: Sal Zuccaro

PHONE:

FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: 3 Coal Ave, Morristown, NJ

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE:

FAX:

CLIENT BILLING INFORMATION

BILL TO:

PO#:

ADDRESS:

CITY: Summit

STATE:

ZIP:

ATTENTION:

PHONE:

ANALYSIS

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

Metals TCL-TCL
SVOC-TCL BNA-20
PCB
TCL BNA
Mercury
TCL VOA
VOC-TCL VOA-10

PRESERVATIVES

COMMENTS

← Specify Preservatives

A-HCl D-NaOH
B-HNO3 E-ICE
C-H2SO4 F-OTHER

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES										
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	Soil pile #1	SOL	X		9.5.25	11:14	5	X	X	X	X	X					
2.	I			X		11:16	5						X	X			
3.	Soil pile #2		X			11:36	5	X	X	X	X	X					
4.	I			X		11:40	5						X	X			
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: 12:06	RECEIVED BY:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☒ NON COMPLIANT	COOLER TEMP: 4.2°C
1. [Signature]	9.5.2025	1. [Signature]	Comments: Equal volume of soil used, 5:1 composite	
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	* Soil pile #1 - 24x16x7 = measurement *	
2. [Signature]		2. [Signature]	* Soil pile #2 - 24x22x7 = measurement *	
RELINQUISHED BY SAMPLER:	DATE/TIME: 12:36	RECEIVED BY:		
3. [Signature]	9.5.2025	3. [Signature]		



Environmental Laboratory

www.chemtech.net | EMAIL: PM@chemtech.net

Project Name: 3001 AVE,
Morrisstown, N.J.
Service Order #: _____
Work Order #: _____
Labor WBS #: _____
Facility/Site: _____
Site Address: 3001 AVE
Morrisstown, NJ.

Chemtech Order ID: _____
Sampler Name: Katherine Carter
Client Project Coordinator & Phone: _____
Page #: 1 of 1
Date: 9.5.2025
Arrive Time: 10:38
Depart Time: 12:06

Waste Stream (circle one): drum / roll-off / soil pile / in-situ / linear construction / frac-tank

Sample Matrices (circle all that apply): Water / Solid / NAPL / Concrete / Wipe

Collection Depths: _____

Temp (range): _____ °C

PID Readings (range): _____

Dimensions/CY: _____

PPM

Odor: _____

Y

N

Color: _____

Y

N

Sample Description: _____

Field Observations: _____

Brown wet soil, rocks, grass.
Sampled, soil pile #1, soil pile #2

Grid/Area Composite Map:

QA Control # A3041134



Sampler Signature: _____

9.5.2025

Supervisor Review/Date: _____

Client Signature: _____

Date/Time Arrived at Lab: _____

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312