

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

LAB CHRONICLE

OrderID:	Q3284	OrderDate:	10/3/2025 2:37:27 PM
Client:	CHA Companies, Inc.	Project:	Castleton Elementary
Contact:	Henry Uhlig	Location:	D31

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3284-01	100225H401-P	SOIL	PCB	8082A	10/02/25	10/09/25	10/09/25	10/03/25



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

Hit Summary Sheet
SW-846

SDG No.: Q3284

Order ID: Q3284

Client: CHA Companies, Inc.

Project ID: Castleton Elementary

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.: Q3284

Client: CHA Companies, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP075246.D	PIBLK-PP075246.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	17.9	90		60	140
		Decachlorobiphen	2	20	20.0	100		60	140
I.BLK-PP075688.D	PIBLK-PP075688.D	Tetrachloro-m-xyl	1	20	18.8	94		60	140
		Decachlorobiphen	1	20	18.7	94		60	140
		Tetrachloro-m-xyl	2	20	18.2	91		60	140
		Decachlorobiphen	2	20	18.4	92		60	140
PB170035BL	PB170035BL	Tetrachloro-m-xyl	1	20	20.6	103		32	144
		Decachlorobiphen	1	20	20.6	103		32	175
		Tetrachloro-m-xyl	2	20	19.8	99		32	144
		Decachlorobiphen	2	20	21.6	108		32	175
PB170035BS	PB170035BS	Tetrachloro-m-xyl	1	20	21.9	110		32	144
		Decachlorobiphen	1	20	21.3	107		32	175
		Tetrachloro-m-xyl	2	20	18.3	91		32	144
		Decachlorobiphen	2	20	22.6	113		32	175
Q3284-01	100225H401-P	Tetrachloro-m-xyl	1	20	21.0	105		32	144
		Decachlorobiphen	1	20	21.3	106		32	175
		Tetrachloro-m-xyl	2	20	21.4	107		32	144
		Decachlorobiphen	2	20	21.9	109		32	175
I.BLK-PP075702.D	PIBLK-PP075702.D	Tetrachloro-m-xyl	1	20	19.1	96		60	140
		Decachlorobiphen	1	20	19.7	98		60	140
		Tetrachloro-m-xyl	2	20	18.1	91		60	140
		Decachlorobiphen	2	20	19.6	98		60	140



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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	Q3284	Analytical Method:	8082A
Client:	CHA Companies, Inc.	Datafile :	PP075692.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB170035BS (Column 1)	AR1016	166.6	187	ug/kg	112				71	120	
	AR1260	166.6	176	ug/kg	106				65	130	
PB170035BS (Column 2)	AR1016	166.6	191	ug/kg	115				71	120	
	AR1260	166.6	186	ug/kg	112				65	130	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170035BL

Lab Name: Alliance

Contract: CLOU03

Lab Code: ACE

SDG NO.: Q3284

Lab Sample ID: PB170035BL

Lab File ID: PP075691.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/09/2025

Date Analyzed (1): 10/09/2025

Date Analyzed (2): 10/09/2025

Time Analyzed (1): 22:32

Time Analyzed (2): 22:32

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
PB170035BS	PB170035BS	PP075692.D	10/09/2025	10/09/2025
100225H401-P	Q3284-01	PP075693.D	10/09/2025	10/09/2025

COMMENTS: _____



SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	10/02/25
Project:	Castleton Elementary	Date Received:	10/03/25
Client Sample ID:	100225H401-P	SDG No.:	Q3284
Lab Sample ID:	Q3284-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	0.86	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
PP075693.D	1	10/09/25 08:40	10/09/25 23:05	PB170035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	138	U	138	593	ug/kg
11104-28-2	Aroclor-1221	141	U	141	593	ug/kg
11141-16-5	Aroclor-1232	130	U	130	593	ug/kg
53469-21-9	Aroclor-1242	140	U	140	593	ug/kg
12672-29-6	Aroclor-1248	207	U	207	593	ug/kg
11097-69-1	Aroclor-1254	112	U	112	593	ug/kg
37324-23-5	Aroclor-1262	175	U	175	593	ug/kg
11100-14-4	Aroclor-1268	126	U	126	593	ug/kg
11096-82-5	Aroclor-1260	113	U	113	593	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.4		32 - 144	107%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.9		32 - 175	109%	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\PP100925\
Data File : PP075693.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 23:05
Operator : YP\AJ
Sample : Q3284-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
100225H401-P

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:53:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.649	3.791	27534183	130.3E6	21.043	21.353
2) SA Decachlor...	10.419	8.790	21222197	132.0E6	21.274	21.883

Target Compounds

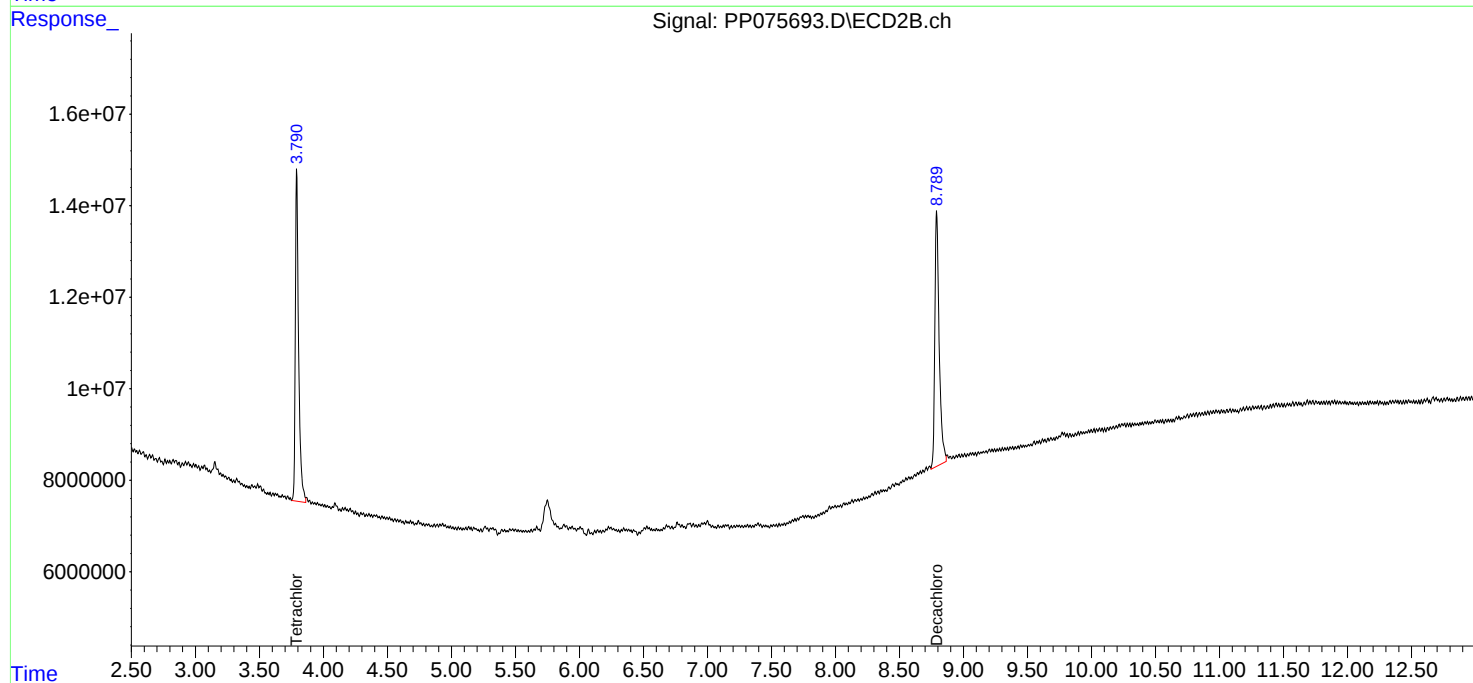
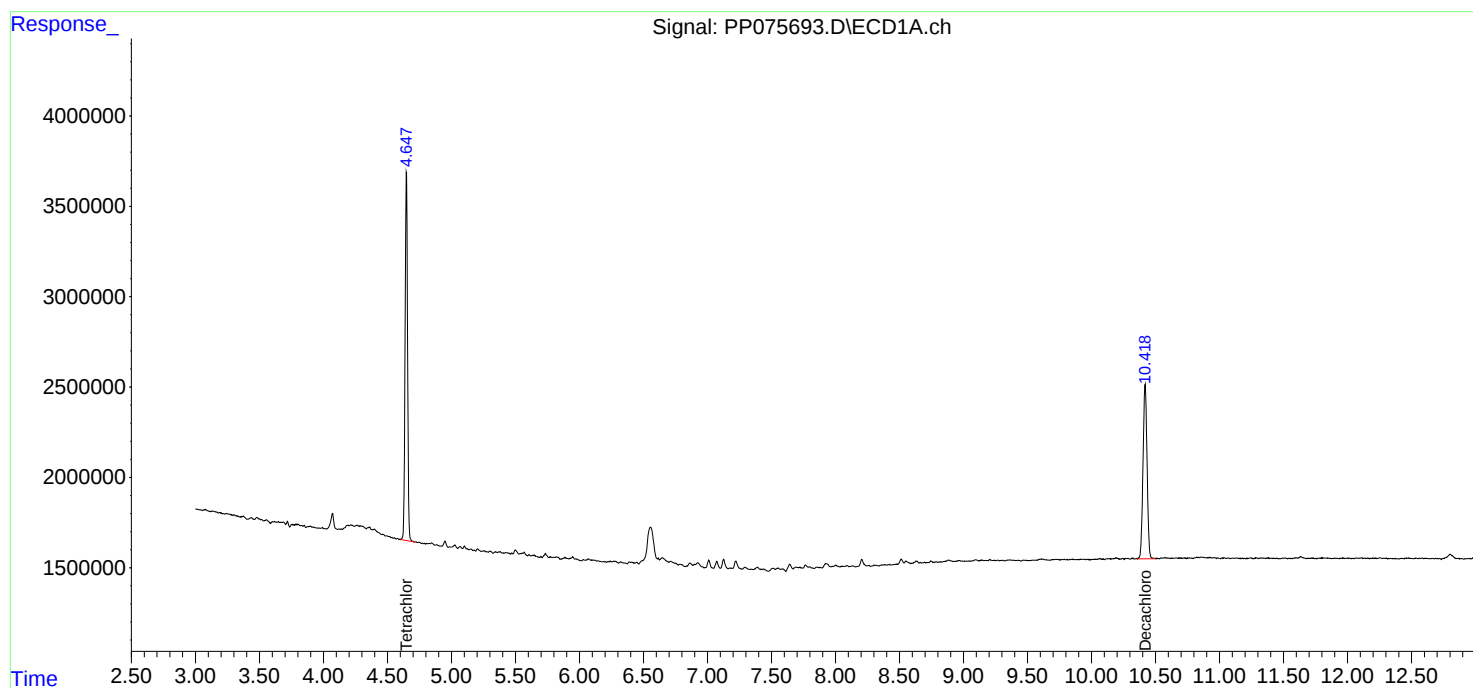
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075693.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 23:05
Operator : YP\AJ
Sample : Q3284-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

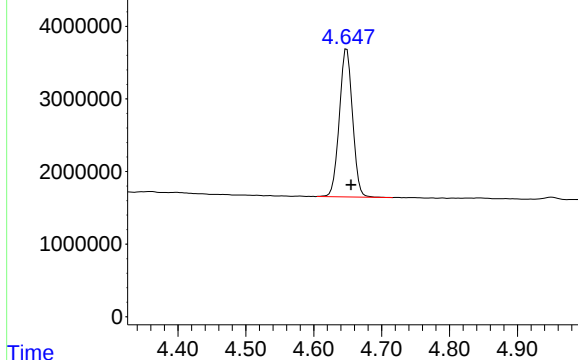
Instrument :
ECD_P
ClientSampleId :
100225H401-P

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:53:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP075693.D\ECD1A.ch

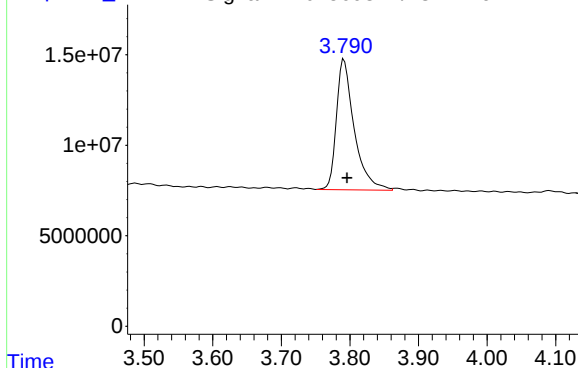


#1 Tetrachloro-m-xylene

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 27534183
Conc: 21.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
100225H401-P

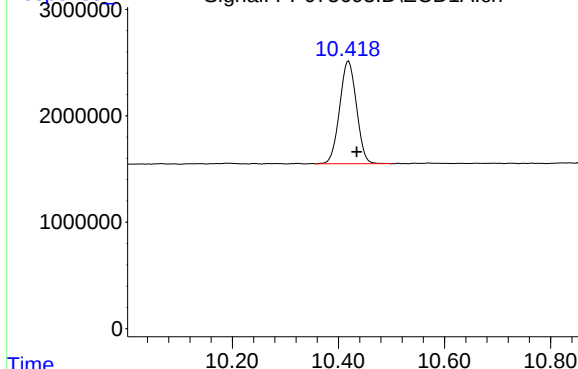
Time Response_ Signal: PP075693.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.791 min
Delta R.T.: -0.004 min
Response: 130271652
Conc: 21.35 ng/ml

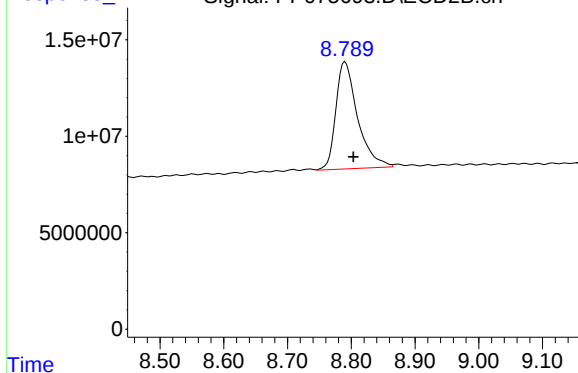
Time Response_ Signal: PP075693.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.015 min
Response: 21222197
Conc: 21.27 ng/ml

Time Response_ Signal: PP075693.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.013 min
Response: 132007195
Conc: 21.88 ng/ml



CALIBRATION SUMMARY

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CLOU03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3284</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.82	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.83	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.89	5.90	5.89	5.89	5.90	5.89	5.79	5.99
Aroclor-1016-4	(4)	5.99	5.99	5.99	5.99	6.00	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.28	6.29	6.28	6.28	6.29	6.28	6.18	6.38
Aroclor-1260-1	(1)	7.40	7.40	7.40	7.40	7.41	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.65	7.66	7.65	7.65	7.66	7.65	7.55	7.75
Aroclor-1260-3	(3)	8.01	8.01	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.25	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.56	8.57	8.56	8.56	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.43	10.44	10.43	10.43	10.45	10.44	10.34	10.54
Tetrachloro-m-xylene		4.65	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.89	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	5.99	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1248-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1248-2	(2)	6.08	6.08	6.08	6.08	6.08	6.08	5.98	6.18
Aroclor-1248-3	(3)	6.28	6.28	6.29	6.28	6.28	6.28	6.18	6.38
Aroclor-1248-4	(4)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1248-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.43	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.88	6.88	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.94	7.93	7.94	7.94	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1268-1	(1)	8.89	8.89	8.89	8.89	8.89	8.89	8.79	8.99
Aroclor-1268-2	(2)	8.99	8.99	8.99	8.98	8.98	8.99	8.89	9.09
Aroclor-1268-3	(3)	9.23	9.23	9.23	9.23	9.22	9.23	9.13	9.33
Aroclor-1268-4	(4)	9.66	9.66	9.66	9.65	9.65	9.65	9.55	9.75
Aroclor-1268-5	(5)	10.09	10.09	10.09	10.09	10.08	10.09	9.99	10.19

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>CLOU03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q3284</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>09/23/2025</u> <u>09/23/2025</u>
		Calibration Times:	<u>08:45</u> <u>17:14</u>

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

LAB FILE ID:	RT 1000 = <u>PP075247.D</u>	RT 750 = <u>PP075248.D</u>
RT 500 = <u>PP075249.D</u>	RT 250 = <u>PP075250.D</u>	RT 050 = <u>PP075251.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.90	4.89	4.89	4.89	4.90	4.90	4.80	5.00
Aroclor-1016-2	(2)	4.95	4.95	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1016-3	(3)	5.07	5.07	5.07	5.07	5.07	5.07	4.97	5.17
Aroclor-1016-4	(4)	5.11	5.11	5.11	5.11	5.12	5.11	5.01	5.21
Aroclor-1016-5	(5)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1260-1	(1)	6.36	6.36	6.36	6.35	6.36	6.36	6.26	6.46
Aroclor-1260-2	(2)	6.54	6.54	6.54	6.54	6.55	6.54	6.44	6.64
Aroclor-1260-3	(3)	6.70	6.70	6.70	6.70	6.70	6.70	6.60	6.80
Aroclor-1260-4	(4)	7.17	7.17	7.17	7.16	7.17	7.17	7.07	7.27
Aroclor-1260-5	(5)	7.41	7.40	7.40	7.40	7.41	7.41	7.31	7.51
Decachlorobiphenyl		8.81	8.80	8.80	8.80	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1242-1	(1)	4.90	4.90	4.90	4.89	4.89	4.90	4.80	5.00
Aroclor-1242-2	(2)	4.95	4.96	4.95	4.95	4.95	4.95	4.85	5.05
Aroclor-1242-3	(3)	5.07	5.07	5.07	5.07	5.08	5.07	4.97	5.17
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.15	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1248-1	(1)	4.89	4.90	4.89	4.90	4.90	4.90	4.80	5.00
Aroclor-1248-2	(2)	5.11	5.12	5.11	5.12	5.11	5.11	5.01	5.21
Aroclor-1248-3	(3)	5.15	5.16	5.15	5.16	5.15	5.16	5.06	5.26
Aroclor-1248-4	(4)	5.33	5.33	5.33	5.33	5.33	5.33	5.23	5.43
Aroclor-1248-5	(5)	5.72	5.72	5.71	5.72	5.73	5.72	5.62	5.82
Decachlorobiphenyl		8.80	8.81	8.80	8.81	8.80	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.68	5.68	5.68	5.68	5.68	5.68	5.58	5.78
Aroclor-1254-2	(2)	5.83	5.83	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1254-3	(3)	6.23	6.23	6.23	6.23	6.23	6.23	6.13	6.33
Aroclor-1254-4	(4)	6.45	6.45	6.46	6.45	6.45	6.45	6.35	6.55
Aroclor-1254-5	(5)	6.87	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Decachlorobiphenyl		8.81	8.81	8.81	8.81	8.81	8.81	8.71	8.91
Tetrachloro-m-xylene		3.80	3.80	3.80	3.80	3.80	3.80	3.70	3.90
Aroclor-1268-1	(1)	7.69	7.69	7.69	7.69	7.69	7.69	7.59	7.79
Aroclor-1268-2	(2)	7.75	7.75	7.75	7.75	7.75	7.75	7.65	7.85
Aroclor-1268-3	(3)	7.96	7.96	7.96	7.96	7.96	7.96	7.86	8.06
Aroclor-1268-4	(4)	8.25	8.25	8.25	8.25	8.25	8.25	8.15	8.35
Aroclor-1268-5	(5)	8.55	8.55	8.55	8.54	8.54	8.54	8.44	8.64

[illegible]



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CLOU03
SDG NO.: Q3284

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

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

LAB FILE ID:		CF 1000 = <u>PP075247.D</u>		CF 750 = <u>PP075248.D</u>			
CF 500 = <u>PP075249.D</u>		CF 250 = <u>PP075250.D</u>		CF 050 = <u>PP075251.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	42347817	45007967	46870170	50153844	56144100	48104780
Aroclor-1016-2	(2)	64402738	67720917	69660408	74265036	82593880	71728596
Aroclor-1016-3	(3)	39431965	41872236	43807668	47351972	60190040	46530776
Aroclor-1016-4	(4)	32893250	34833364	35556514	38336304	36563880	35636662
Aroclor-1016-5	(5)	31586228	33455985	34268374	37039376	32256580	33721309
Aroclor-1260-1	(1)	52823399	56388379	60551008	64105520	66729180	60119497
Aroclor-1260-2	(2)	63303692	67485644	69648556	75704048	87848060	72798000
Aroclor-1260-3	(3)	48177125	50964003	52841238	56234364	62508960	54145138
Aroclor-1260-4	(4)	52102929	55158468	56921418	59245152	59257840	56537161
Aroclor-1260-5	(5)	102126116	107524053	110369268	115809508	113212520	109808293
Decachlorobiphenyl		920246130	962712813	986576680	1032362440	1085842800	997548173
Tetrachloro-m-xylene		1241637260	1308534467	1312330580	1382545720	1297359400	1308481485
Aroclor-1242-1	(1)	36886529	39218005	41223848	44446876	46523260	41659704
Aroclor-1242-2	(2)	55040068	57977600	60249464	64089044	60830740	59637383
Aroclor-1242-3	(3)	34279044	36622237	38652038	41896284	50681480	40426217
Aroclor-1242-4	(4)	28461551	29972721	31322910	33558448	33854640	31434054
Aroclor-1242-5	(5)	31568865	33442463	35656256	39523980	35586800	35155673
Decachlorobiphenyl		926627030	968517160	1003394580	1047152200	937997000	976737594
Tetrachloro-m-xylene		1236238500	1295575613	1320312660	1382228640	1251655600	1297202203
Aroclor-1248-1	(1)	29172565	31397577	32249970	33755340	31223340	31559758
Aroclor-1248-2	(2)	39359802	41783284	43459792	45079104	47158200	43368036
Aroclor-1248-3	(3)	44196144	46704360	48478236	50173996	49240700	47758687
Aroclor-1248-4	(4)	53562132	56623921	59266248	61341900	64765060	59111852
Aroclor-1248-5	(5)	51867384	54812452	57671502	61547912	69597980	59099446
Decachlorobiphenyl		936214370	980173387	1009425800	1018487400	982414600	985343111
Tetrachloro-m-xylene		1235222620	1285172653	1318552840	1328682760	1313272800	1296180735
Aroclor-1254-1	(1)	61475917	62734304	65986682	62998532	67924500	64223987
Aroclor-1254-2	(2)	77552440	82328021	86739650	88146820	94902000	85933786
Aroclor-1254-3	(3)	82845377	87949261	92224268	94074964	105017660	92422306
Aroclor-1254-4	(4)	64880438	68693089	72666206	72469616	78036900	71349250
Aroclor-1254-5	(5)	77310574	81941501	85874638	85948608	77961320	81807328
Decachlorobiphenyl		940196120	995283773	1040085460	1002732880	956220600	986903767
Tetrachloro-m-xylene		1243265480	1304021133	1335815700	1326930840	1339353000	1309877231
Aroclor-1268-1	(1)	152883178	159692704	169160672	171922300	156133040	161958379



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	141133811	146979519	155825750	156513748	141348060	148360178	5
Aroclor-1268-3	(3)	118887581	123478560	131058116	130049472	116969640	124088674	5
Aroclor-1268-4	(4)	55874289	58464284	61978114	60989252	60829860	59627160	4
Aroclor-1268-5	(5)	373677572	388367939	407123198	405183456	366620440	388194521	5
Decachlorobiphenyl		1657406580	1735675800	1838831580	1851125440	1610932200	1738794320	6
Tetrachloro-m-xylene		1279137450	1334222493	1390576680	1375184440	1232599000	1322344013	5



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: CLOU03
SDG NO.: Q3284

Calibration Date(s): 09/23/2025 09/23/2025
Calibration Times: 08:45 17:14

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

LAB FILE ID: CF 1000 = PP075247.D CF 750 = PP075248.D CF 500 = PP075249.D CF 250 = PP075250.D CF 050 = PP075251.D								
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	550669557	575041595	570968608	557638892	550748680	561013466	2
Aroclor-1016-2	(2)	253692272	266987116	261503738	252594292	250233300	257002144	3
Aroclor-1016-3	(3)	139883237	146298759	147016140	140568364	202575320	155268364	17
Aroclor-1016-4	(4)	139175266	149989423	152767546	146969012	145938660	146967981	3
Aroclor-1016-5	(5)	157135257	166127832	167159970	171673236	154814600	163382179	4
Aroclor-1260-1	(1)	389924896	398807288	400126940	426602072	414215600	405935359	4
Aroclor-1260-2	(2)	565343775	583502056	582903442	580470456	566929720	575829890	2
Aroclor-1260-3	(3)	422351862	433041807	427033404	426203564	431794540	428085035	1
Aroclor-1260-4	(4)	428778820	432299260	434882920	423190072	436968900	431223994	1
Aroclor-1260-5	(5)	1056009939	1104491933	1106785704	1094138908	898515660	1051988429	8
Decachlorobiphenyl		6122260390	6260409867	6205942400	6354732320	5219165200	6032502035	8
Tetrachloro-m-xylene		6636388100	6400989987	6258078260	6278037480	4930931000	6100884965	11
Aroclor-1242-1	(1)	472236904	485846165	486239260	487321948	403955360	467119927	8
Aroclor-1242-2	(2)	217510086	216447451	216513930	219383960	174933800	208957845	9
Aroclor-1242-3	(3)	123250580	122980740	121647250	125144732	116794760	121963612	3
Aroclor-1242-4	(4)	159270704	162580923	163635768	175639772	134330060	159091445	10
Aroclor-1242-5	(5)	192075351	196719551	194226854	201700156	188695940	194683570	3
Decachlorobiphenyl		6210283890	6223405693	6336701840	6098511680	5039253200	5981631261	9
Tetrachloro-m-xylene		6371057840	6261042827	6076223420	6032393800	4834060000	5914955577	10
Aroclor-1248-1	(1)	313001525	314287516	316712298	313219832	245110400	300466314	10
Aroclor-1248-2	(2)	194621063	204942157	200519274	206042640	206270120	202479051	2
Aroclor-1248-3	(3)	238833016	244338553	263622092	258775616	243161480	249746151	4
Aroclor-1248-4	(4)	233390044	236006324	231247510	230022068	233051700	232743529	1
Aroclor-1248-5	(5)	417516536	433645501	453462226	437040196	301192600	408571412	15
Decachlorobiphenyl		6280619880	6334319187	6392002300	6030990520	5377561400	6083098657	7
Tetrachloro-m-xylene		6342135760	6351132560	6173502940	5553544360	4399164000	5763895924	14
Aroclor-1254-1	(1)	503004292	535011767	531987056	521951800	402057780	498802539	11
Aroclor-1254-2	(2)	378219544	403583375	399300676	392234176	422583680	399184290	4
Aroclor-1254-3	(3)	715208754	722755991	718569236	662347256	504737840	664723815	14
Aroclor-1254-4	(4)	505627774	538597859	544931308	492275784	386803020	493647149	13
Aroclor-1254-5	(5)	551845651	631515513	645579268	578311224	446211920	570692715	14
Decachlorobiphenyl		6237706050	6279124973	6507474640	6157241280	5410407600	6118390909	7
Tetrachloro-m-xylene		6240840860	6469002347	6413333980	5502278160	4576318000	5840354669	14
Aroclor-1268-1	(1)	1460168699	1513699808	1559348234	1460709316	1219243940	1442633999	9



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1471677824	1500245056	1520481630	1382554016	1099105140	1394812733	12
Aroclor-1268-3	(3)	1142468076	1153335345	1195510260	1093929288	869367940	1090922182	12
Aroclor-1268-4	(4)	470517486	472924412	482908940	460922856	362513880	449957515	11
Aroclor-1268-5	(5)	3043336629	3184766664	3278330982	3285110680	2399968480	3038302687	12
Decachlorobiphenyl		12094690940	12187875973	12233092380	12124440600	9791304400	11686280859	9
Tetrachloro-m-xylene		6567329620	6628773733	6640722000	6057317560	4103278800	5999484343	18



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: CLOU03

Lab Code: ACE SDG NO.: Q3284

Instrument ID: ECD_P Date(s) Analyzed: 09/23/2025 09/23/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.86	4.76	4.96	18490700
		2	4.95	4.85	5.05	13697900
		3	5.02	4.92	5.12	41397800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	32115600
		2	5.54	5.44	5.64	16774900
		3	5.83	5.73	5.93	33440800
		4	5.99	5.89	6.09	17299100
		5	6.08	5.98	6.18	12004400
Aroclor-1262	500	1	8.24	8.14	8.34	75955200
		2	8.57	8.47	8.67	135361000
		3	8.90	8.80	9.00	93451000
		4	8.98	8.88	9.08	72237200
		5	9.66	9.56	9.76	52135400



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** CLOU03
Lab Code: ACE **SDG NO.:** Q3284
Instrument ID: ECD_P **Date(s) Analyzed:** 09/23/2025 09/23/2025
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	76477600
		2	4.09	3.99	4.19	52263200
		3	4.17	4.07	4.27	190406000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.17	4.07	4.27	146566000
		2	4.89	4.79	4.99	252198000
		3	5.07	4.97	5.17	63015000
		4	5.15	5.05	5.25	103164000
		5	5.33	5.23	5.43	64046600
Aroclor-1262	500	1	6.91	6.81	7.01	791116000
		2	7.17	7.07	7.27	552368000
		3	7.69	7.59	7.79	499974000
		4	7.75	7.65	7.85	908084000
		5	8.25	8.15	8.35	429906000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075247.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 08:45
 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: Sep 23 12:10:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 12:07:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	124.2E6	663.6E6	97.232	102.934
2) SA Decachlor...	10.434	8.805	92024613	612.2E6	96.521	99.321
Target Compounds						
3) L1 AR-1016-1	5.806	4.895	42347817	550.7E6	949.311	981.902
4) L1 AR-1016-2	5.828	4.954	64402738	253.7E6	960.782	984.838
5) L1 AR-1016-3	5.890	5.073	39431965	139.9E6	947.432	975.138
6) L1 AR-1016-4	5.988	5.114	32893250	139.2E6	961.092	953.442
7) L1 AR-1016-5	6.280	5.328	31586228	157.1E6	959.272	969.088
31) L7 AR-1260-1	7.397	6.356	52823399	389.9E6	931.840	987.087
32) L7 AR-1260-2	7.650	6.543	63303692	565.3E6	952.277	984.707
33) L7 AR-1260-3	8.009	6.696	48177125	422.4E6	953.829	994.488
34) L7 AR-1260-4	8.236	7.166	52102929	428.8E6	955.804	992.932
35) L7 AR-1260-5	8.562	7.406	102.1E6	1056.0E6	961.208	976.523

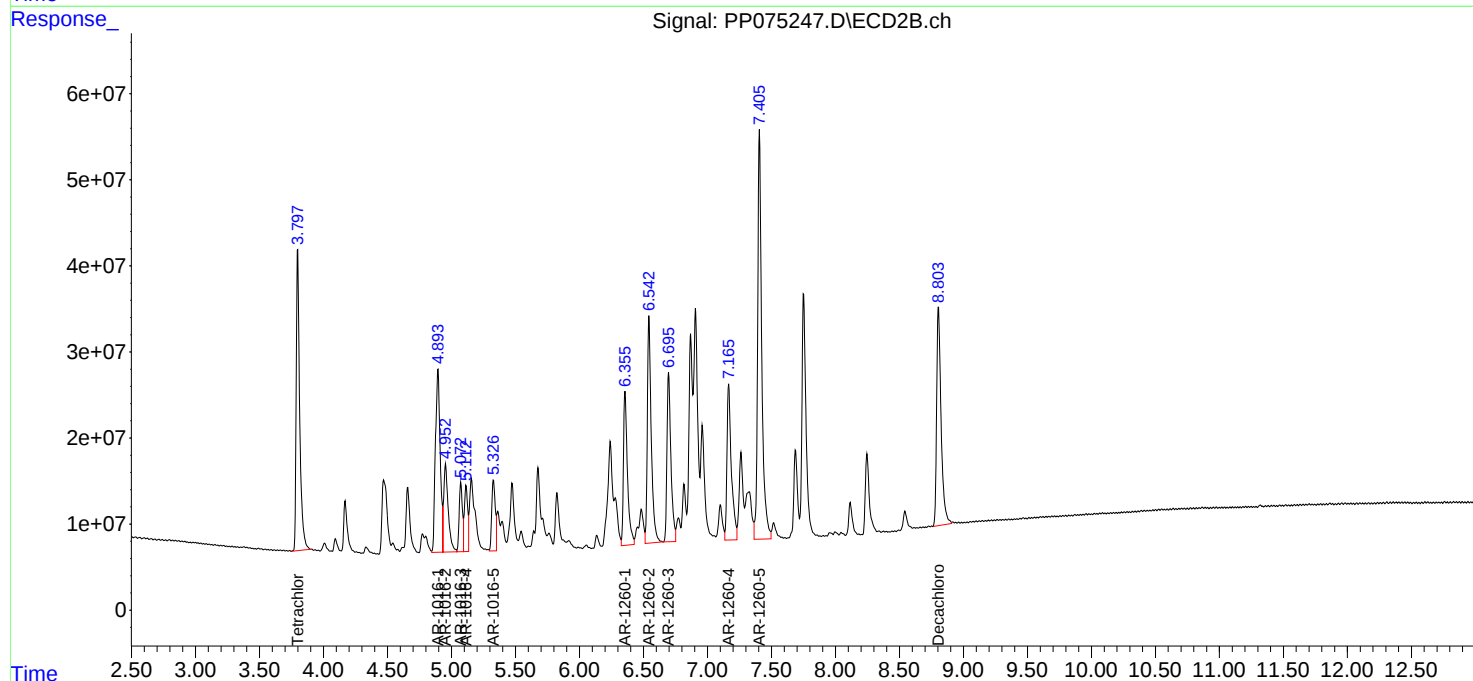
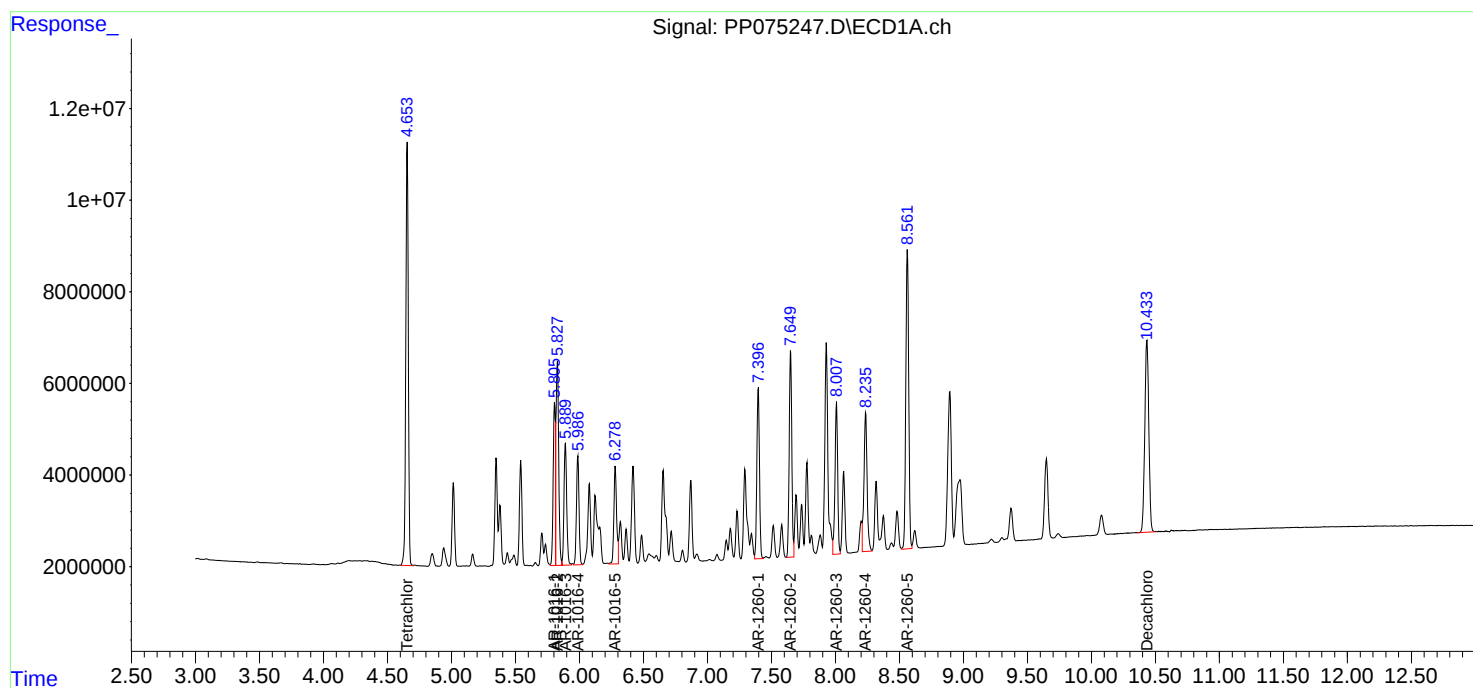
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075247.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:45
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: Sep 23 12:10:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075248.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 09:01
 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: Sep 23 12:21:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 12:07:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.796	98140085	480.1E6	76.225	74.641
2) SA Decachlor...	10.438	8.803	72203461	469.5E6	75.486	75.777
Target Compounds						
3) L1 AR-1016-1	5.811	4.894	33755975	431.3E6	754.459	762.574
4) L1 AR-1016-2	5.832	4.952	50790688	200.2E6	755.124	768.006
5) L1 AR-1016-3	5.895	5.072	31404177	109.7E6	753.026	759.865
6) L1 AR-1016-4	5.992	5.111	26125023	112.5E6	758.837	763.638
7) L1 AR-1016-5	6.285	5.326	25091989	124.6E6	757.985	762.174
31) L7 AR-1260-1	7.402	6.355	42291284	299.1E6	747.360	754.771
32) L7 AR-1260-2	7.655	6.541	50614233	437.6E6	757.555	758.123
33) L7 AR-1260-3	8.013	6.695	38223002	324.8E6	754.489	759.766
34) L7 AR-1260-4	8.241	7.165	41368851	324.2E6	755.905	750.542
35) L7 AR-1260-5	8.567	7.404	80643040	828.4E6	755.983	760.602

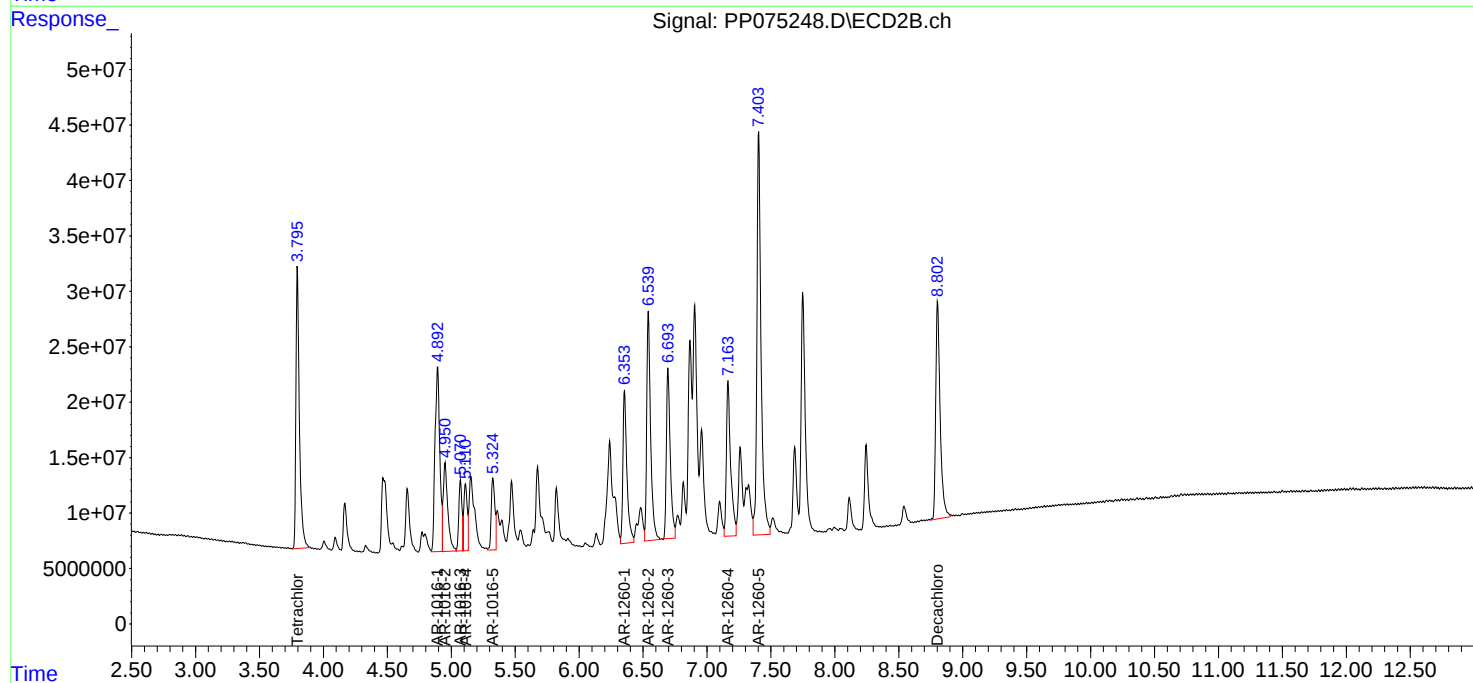
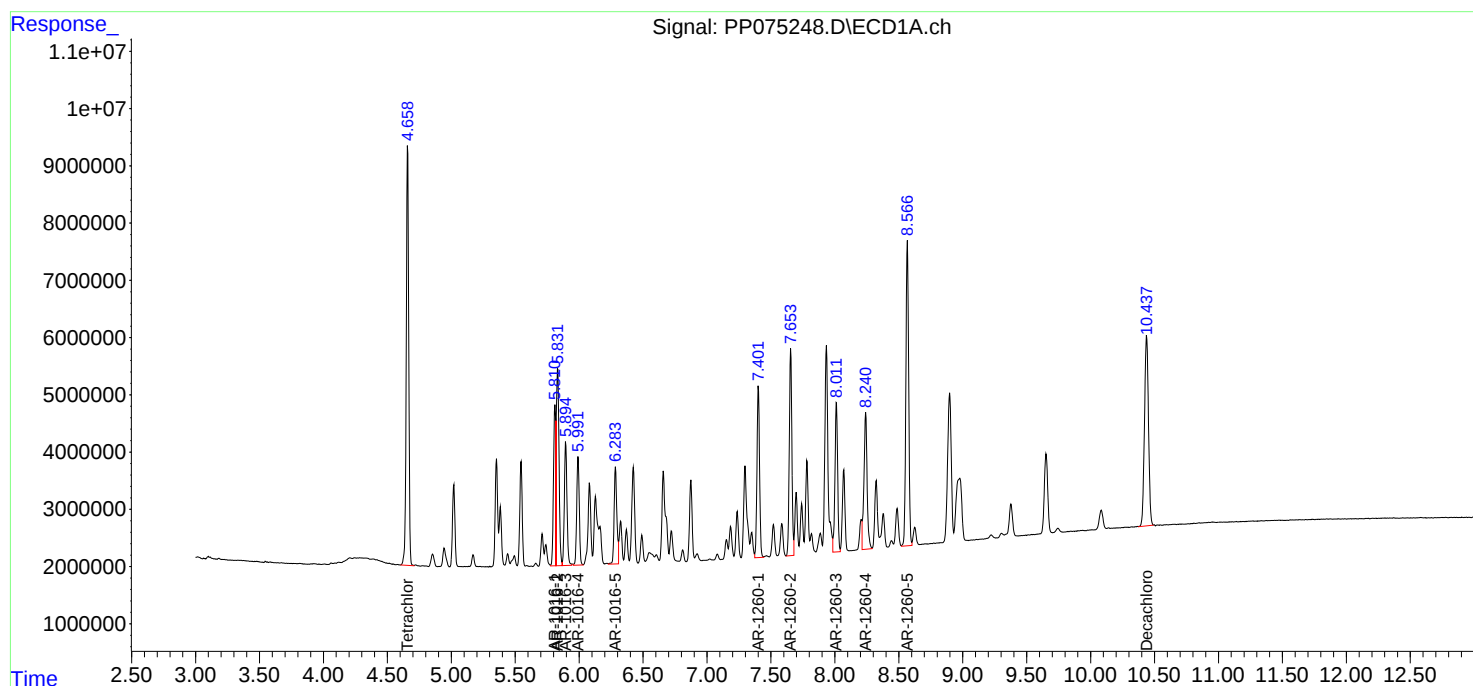
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075248.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:01
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: Sep 23 12:21:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075249.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 09:18
 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: Sep 23 12:07:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 12:07:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.796	65616529	312.9E6	50.000	50.000
2) SA Decachlor...	10.434	8.803	49328834	310.3E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.808	4.893	23435085	285.5E6	500.000	500.000
4) L1 AR-1016-2	5.829	4.951	34830204	130.8E6	500.000	500.000
5) L1 AR-1016-3	5.892	5.071	21903834	73508070	500.000	500.000
6) L1 AR-1016-4	5.989	5.111	17778257	76383773	500.000	500.000
7) L1 AR-1016-5	6.281	5.325	17134187	83579985	500.000	500.000
31) L7 AR-1260-1	7.399	6.355	30275504	200.1E6	500.000	500.000
32) L7 AR-1260-2	7.651	6.541	34824278	291.5E6	500.000	500.000
33) L7 AR-1260-3	8.009	6.695	26420619	213.5E6	500.000	500.000
34) L7 AR-1260-4	8.237	7.165	28460709	217.4E6	500.000	500.000
35) L7 AR-1260-5	8.564	7.404	55184634	553.4E6	500.000	500.000

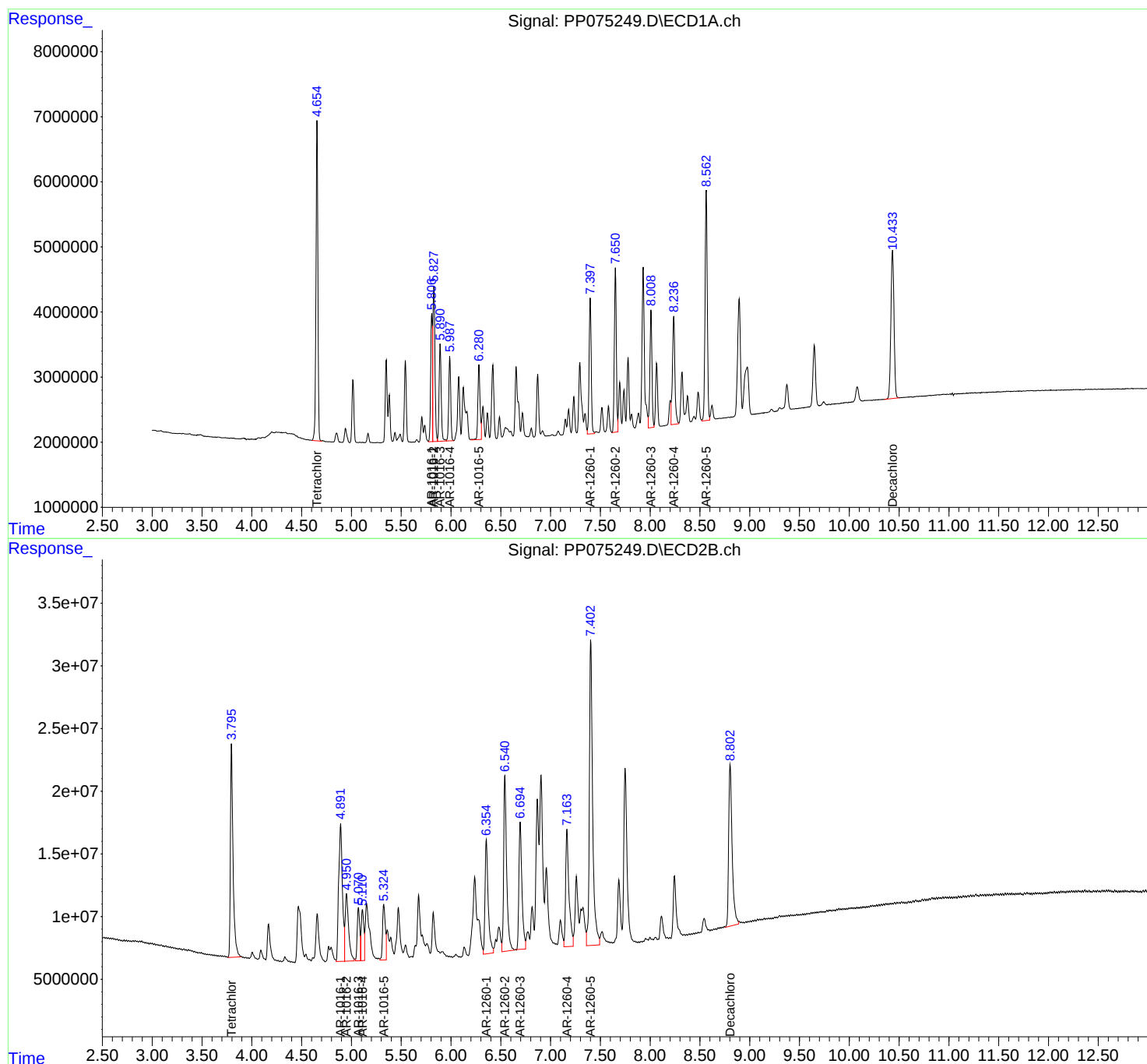
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075249.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:18
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: Sep 23 12:07:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075250.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 09:34
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:25:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 12:07:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.796	34563643	157.0E6	26.359	24.549
2)	SA Decachlor...	10.434	8.803	25809061	158.9E6	26.458	25.477
Target Compounds							
3)	L1 AR-1016-1	5.807	4.894	12538461	139.4E6	272.014	247.365
4)	L1 AR-1016-2	5.828	4.952	18566259	63148573	269.028	244.105
5)	L1 AR-1016-3	5.891	5.072	11837993	35142091	274.562	244.992
6)	L1 AR-1016-4	5.988	5.113	9584076	36742253	270.699	249.565
7)	L1 AR-1016-5	6.280	5.326	9259844	42918309	271.649	259.287
31)	L7 AR-1260-1	7.398	6.354	16026380	106.7E6	274.109	264.074
32)	L7 AR-1260-2	7.651	6.542	18926012	145.1E6	274.149	251.045
33)	L7 AR-1260-3	8.009	6.695	14058591	106.6E6	270.076	249.442
34)	L7 AR-1260-4	8.236	7.164	14811288	105.8E6	254.816m	246.162
35)	L7 AR-1260-5	8.563	7.404	28952377	273.5E6	265.722	250.867

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075250.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 09:34
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

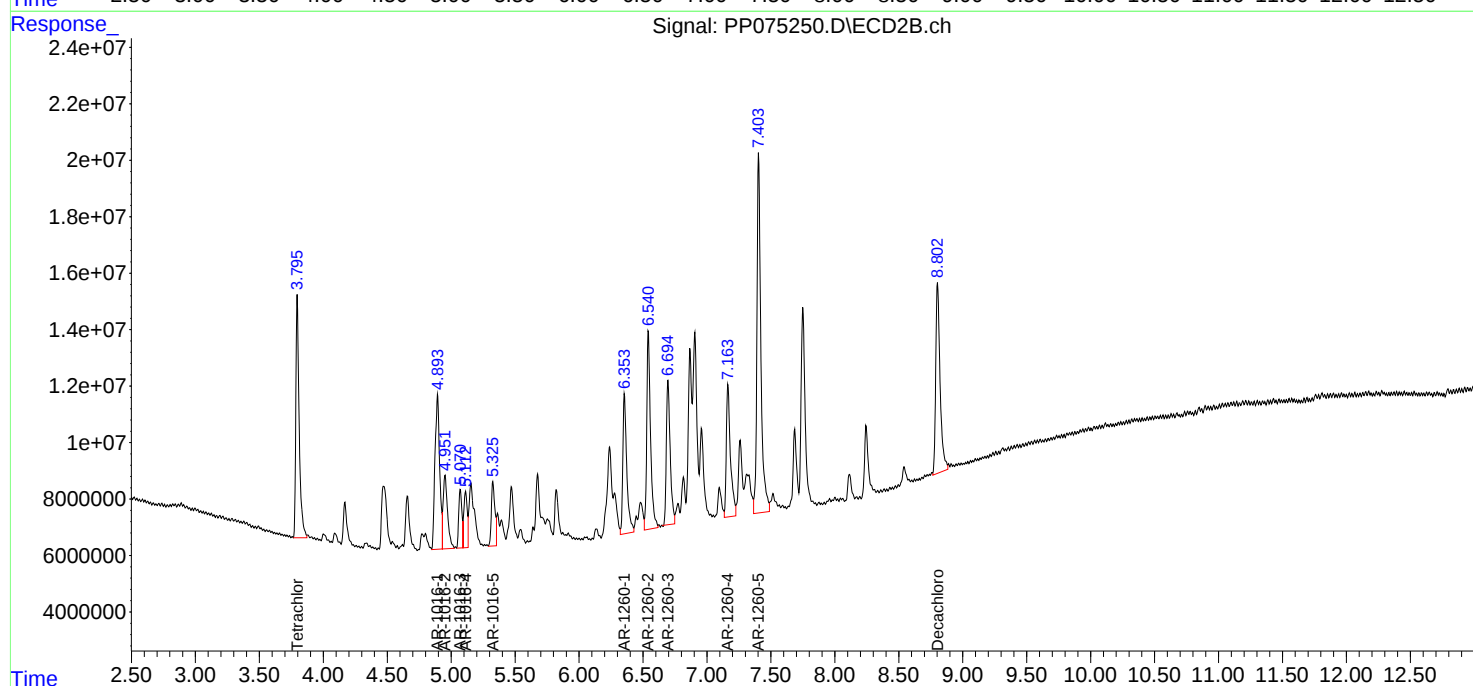
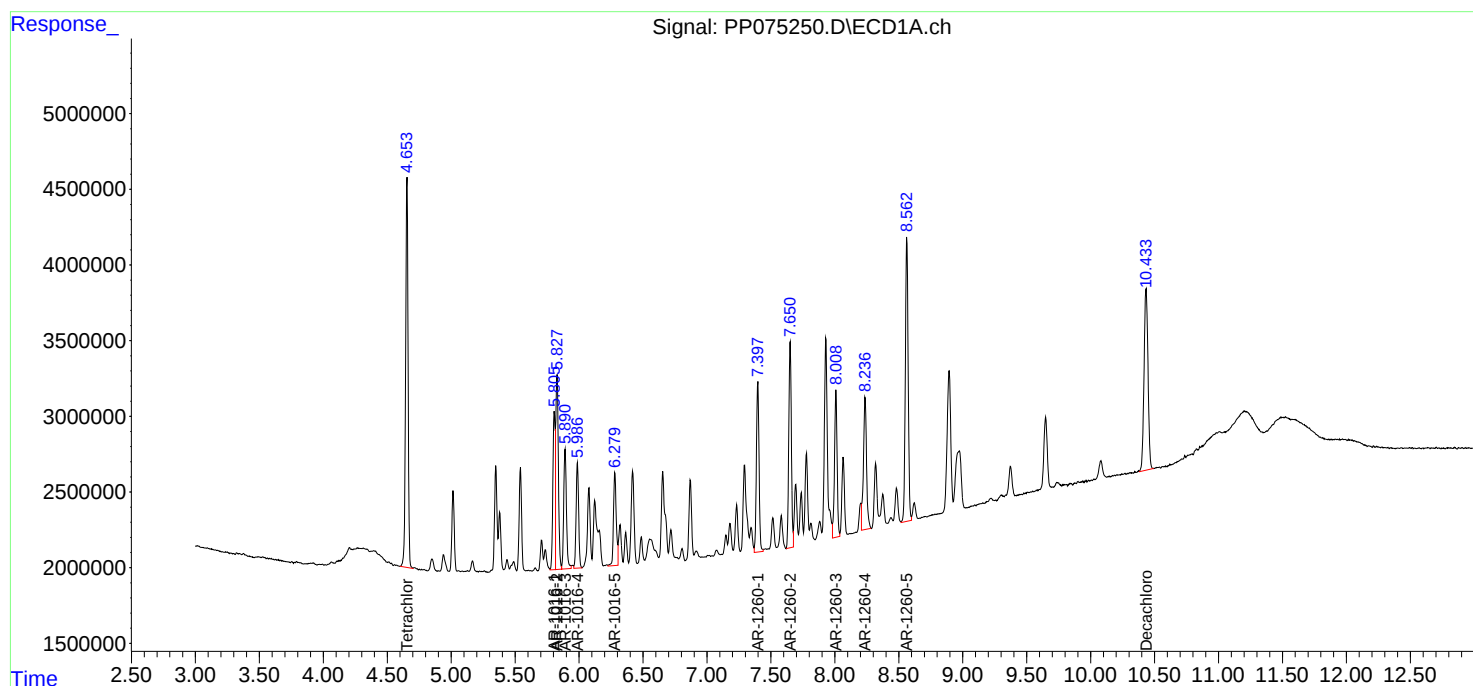
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:25:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075251.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 10:11
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 12:30:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 12:07:08 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.662	3.796	6486797	24654655	4.958	4.041
2) SA Decachlor...	10.447	8.810	5429214	26095826	5.432m	4.326
Target Compounds						
3) L1 AR-1016-1	5.815	4.897	2807205	27537434	58.356	49.085
4) L1 AR-1016-2	5.837	4.954	4129694	12511665	57.574	48.683
5) L1 AR-1016-3	5.898	5.071	3009502	10128766	65.402m	65.234
6) L1 AR-1016-4	5.997	5.115	1828194	7296933	51.301	49.650
7) L1 AR-1016-5	6.288	5.331	1612829	7740730	48.062m	47.378
31) L7 AR-1260-1	7.406	6.357	3336459	20710780	56.486m	51.020
32) L7 AR-1260-2	7.660	6.545	4392403	28346486	62.449	49.227
33) L7 AR-1260-3	8.018	6.695	3125448	21589727	57.724	50.432m
34) L7 AR-1260-4	8.246	7.168	2962892	21848445	51.832m	52.185
35) L7 AR-1260-5	8.573	7.405	5660626	44925783	51.550	43.361m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075251.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

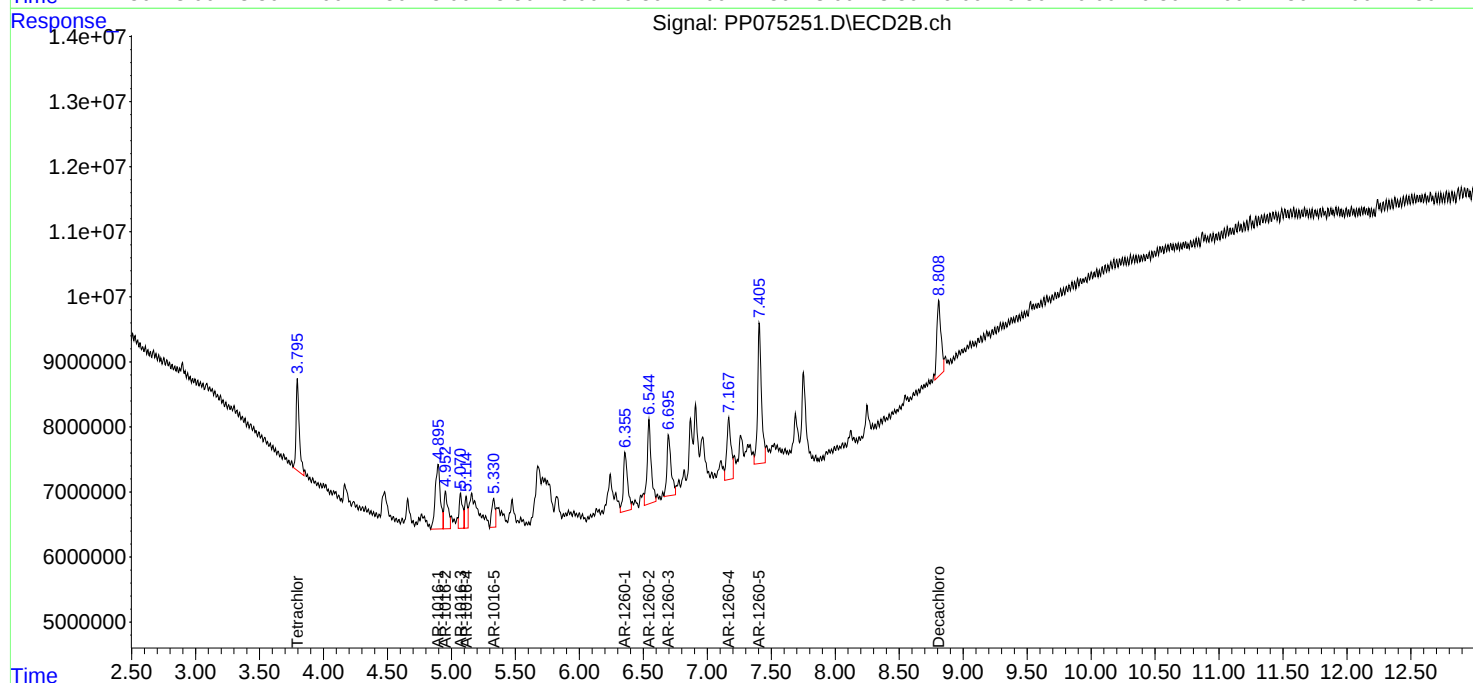
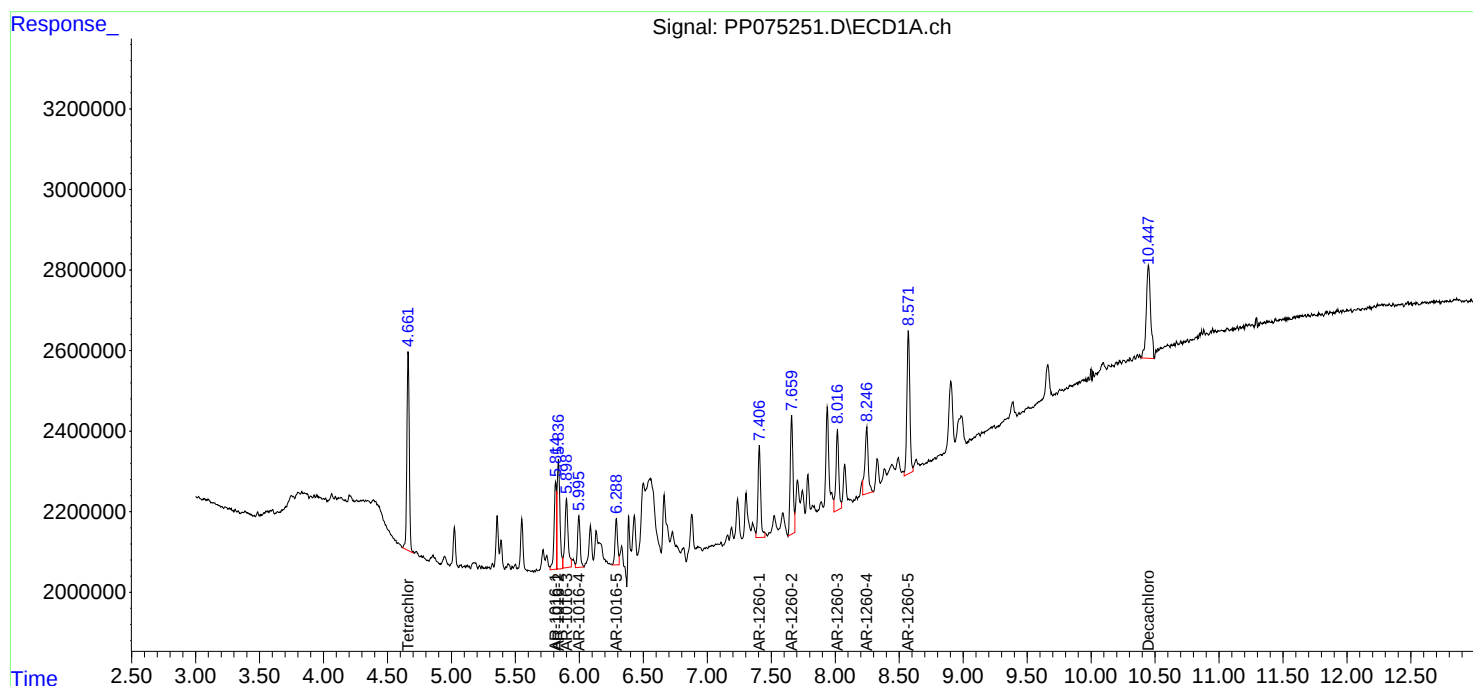
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 12:30:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:07:08 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075252.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 10:27
 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: Sep 23 12:52:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 12:52:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.797	66333410	311.2E6	50.000	50.000
2) SA Decachlor...	10.443	8.805	49168629	311.8E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.860	4.008	9245327	38238805	500.000	500.000
9) L2 AR-1221-2	4.946	4.093	6848929	26131566	500.000	500.000
10) L2 AR-1221-3	5.021	4.168	20698858	95202751	500.000	500.000

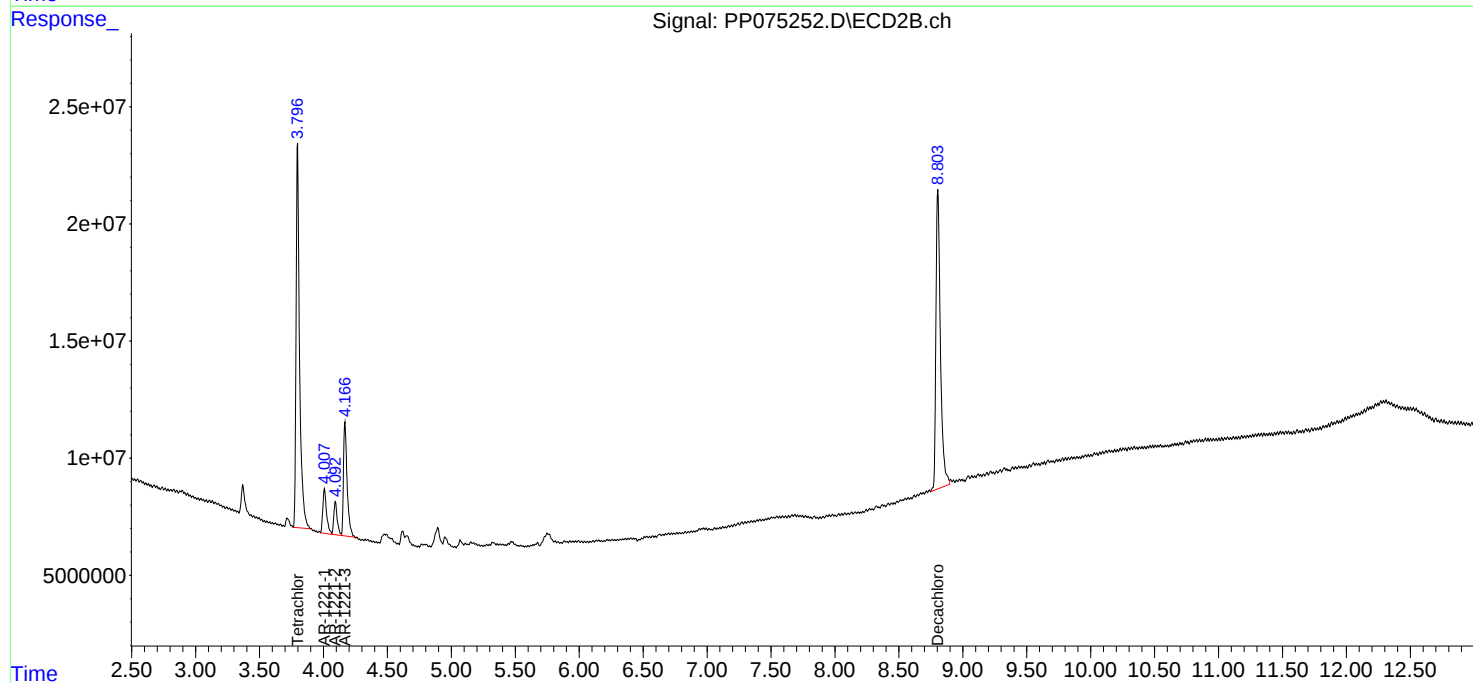
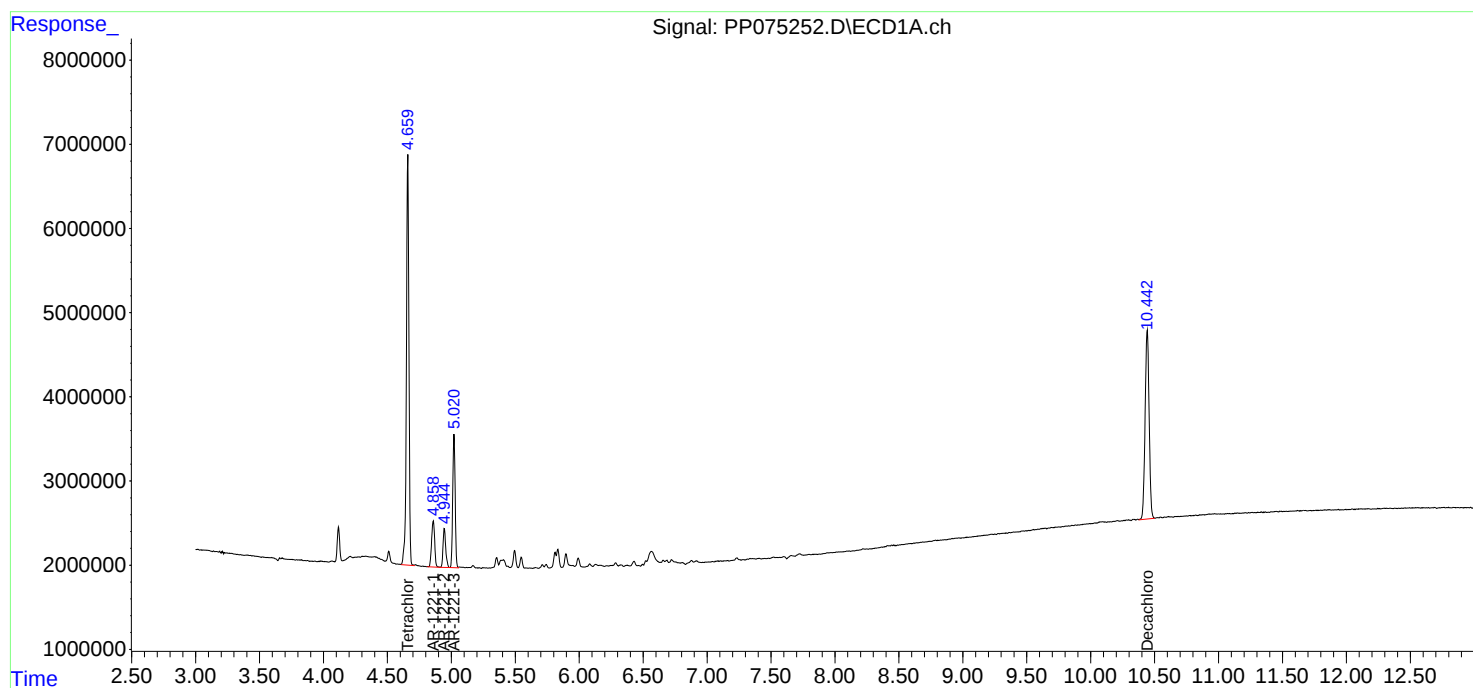
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075252.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:27
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: Sep 23 12:52:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 12:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075253.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 10:43
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:16:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 13:16:43 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.797	66756778	323.1E6	50.000	50.000
2) SA Decachlor...	10.440	8.805	50078510	307.1E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	5.018	4.168	16057787	73283142	500.000	500.000
12) L3 AR-1232-2	5.544	4.894	8387436	126.1E6	500.000	500.000
13) L3 AR-1232-3	5.831	5.071	16720373	31507455	500.000	500.000
14) L3 AR-1232-4	5.990	5.154	8649563	51581797	500.000	500.000
15) L3 AR-1232-5	6.080	5.326	6002207	32023272	500.000	500.000

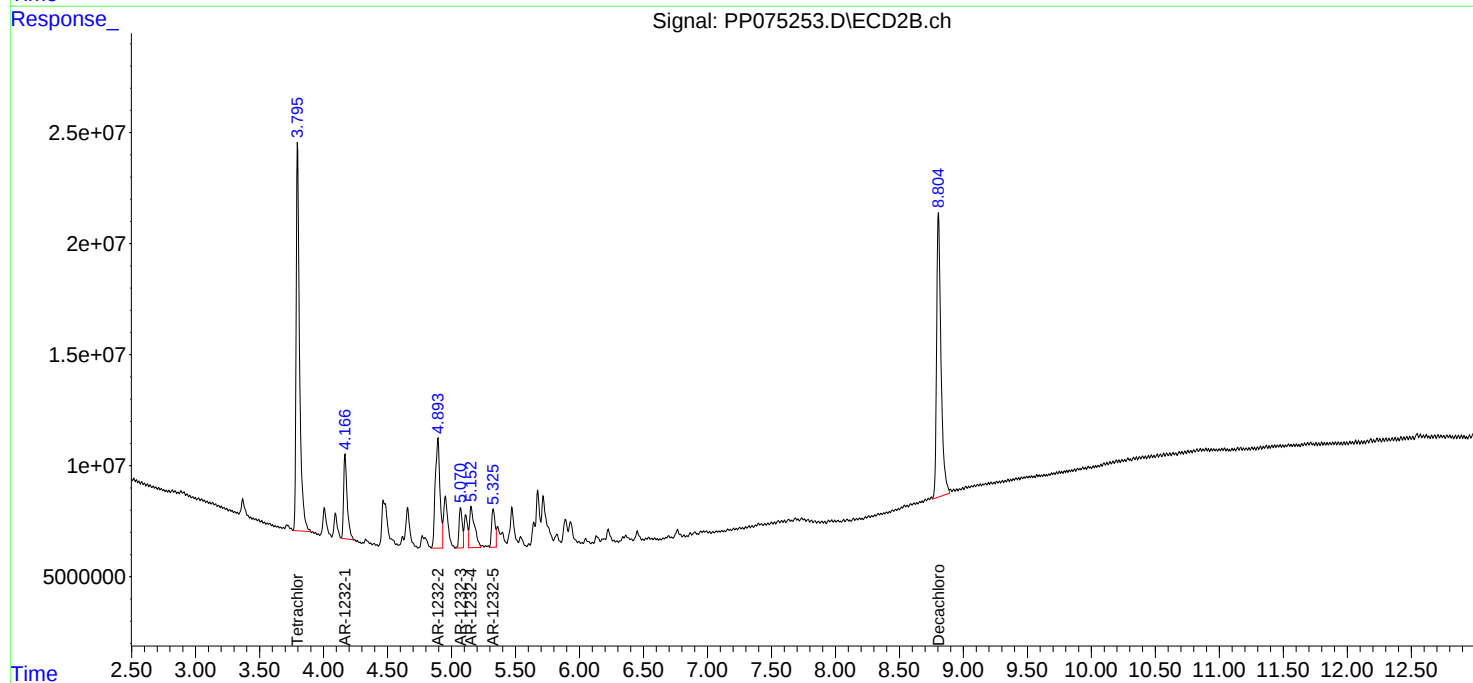
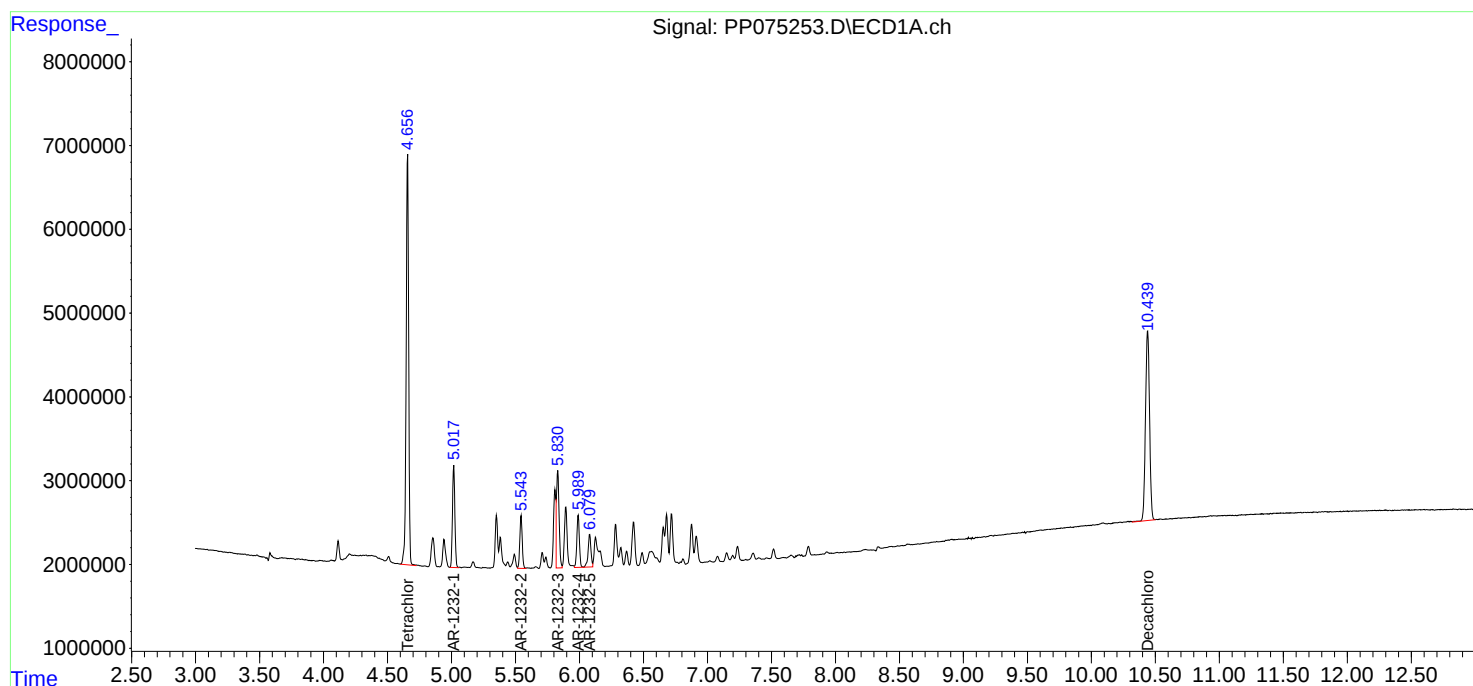
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075253.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:16:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:16:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075254.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 11:00
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:48:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 13:43:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.660	3.799	123.6E6	637.1E6	96.711	102.369
2)	SA Decachlor...	10.443	8.807	92662703	621.0E6	96.022	98.992
Target Compounds							
16)	L4 AR-1242-1	5.812	4.896	36886529	472.2E6	944.472	985.391
17)	L4 AR-1242-2	5.834	4.954	55040068	217.5E6	954.815	1002.295
18)	L4 AR-1242-3	5.896	5.073	34279044	123.3E6	940.039	1006.547
19)	L4 AR-1242-4	5.993	5.155	28461551	159.3E6	952.139	958.832m
20)	L4 AR-1242-5	6.723	5.677	31568865	192.1E6	939.198	994.431

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075254.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:00
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

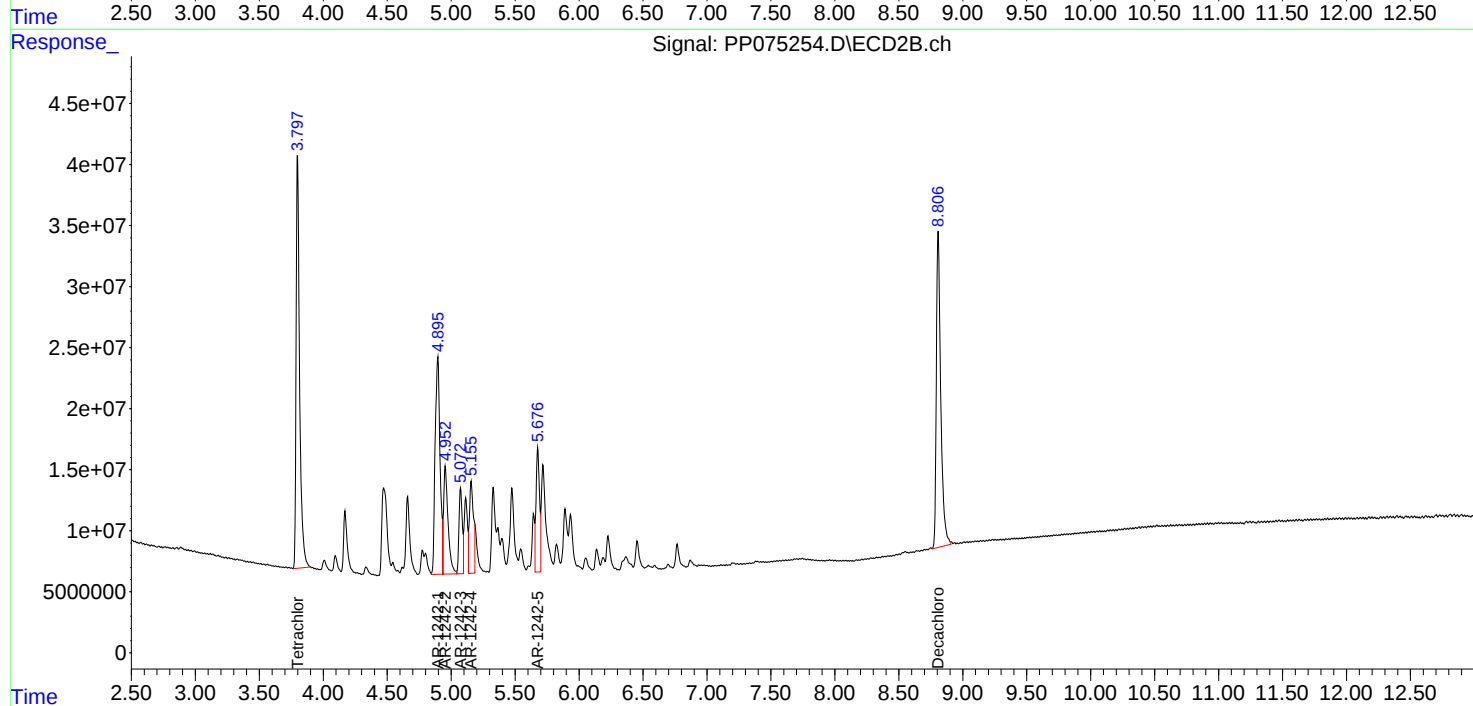
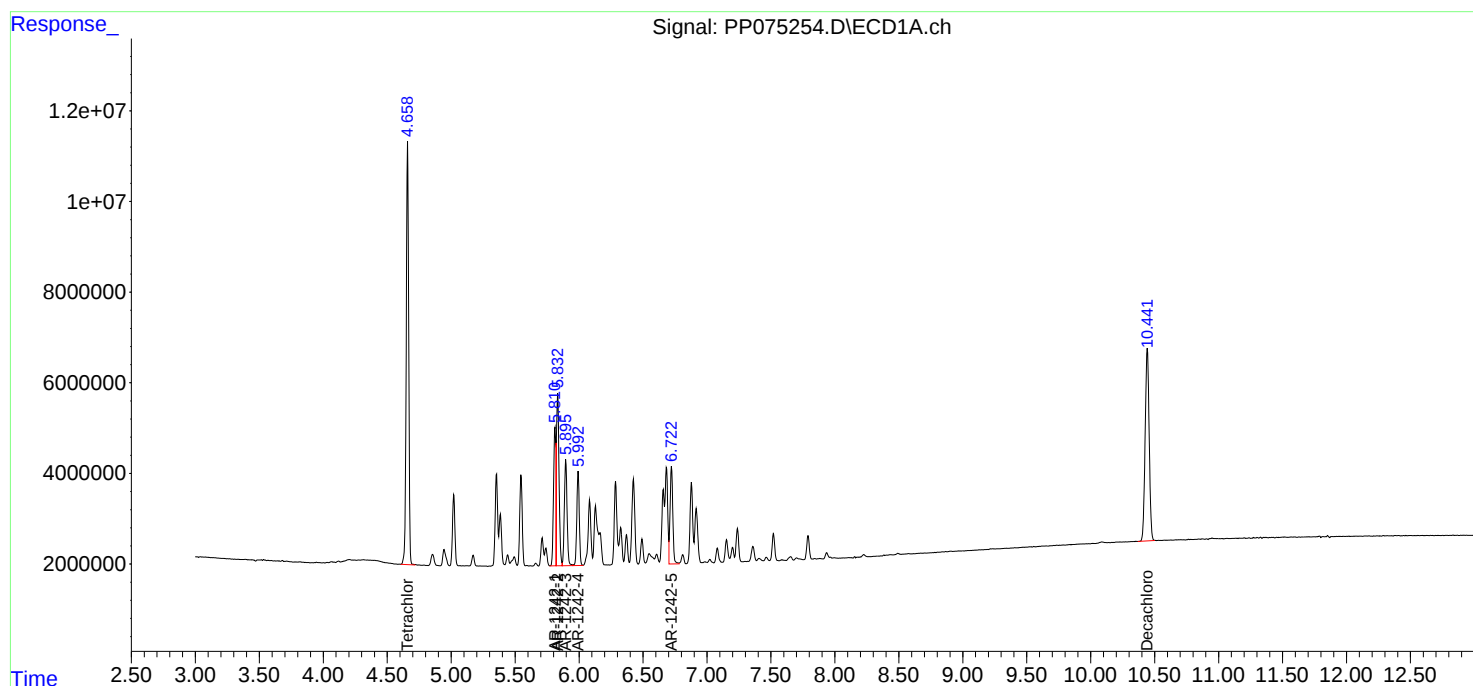
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:48:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075255.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 11:16
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:51:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 13:43:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.656	3.800	97168171	469.6E6	75.674	75.300
2)	SA Decachlor...	10.439	8.807	72638787	466.8E6	75.181	74.600
Target Compounds							
16)	L4 AR-1242-1	5.808	4.897	29413504	364.4E6	752.082	756.863
17)	L4 AR-1242-2	5.830	4.955	43483200	162.3E6	752.881	748.698
18)	L4 AR-1242-3	5.892	5.073	27466678	92235555	752.145	752.168
19)	L4 AR-1242-4	5.989	5.156	22479541	121.9E6	751.345	763.610m
20)	L4 AR-1242-5	6.719	5.678	25081847	147.5E6	747.465	759.181

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075255.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

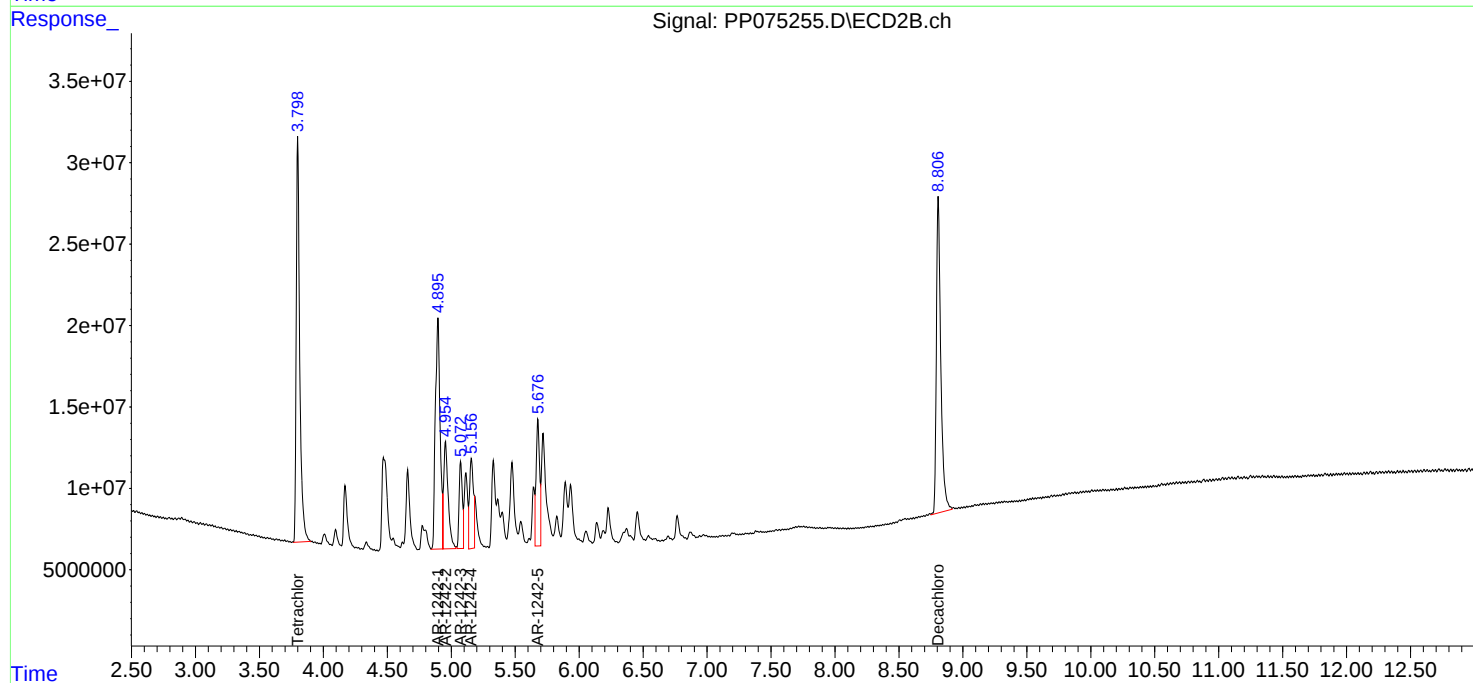
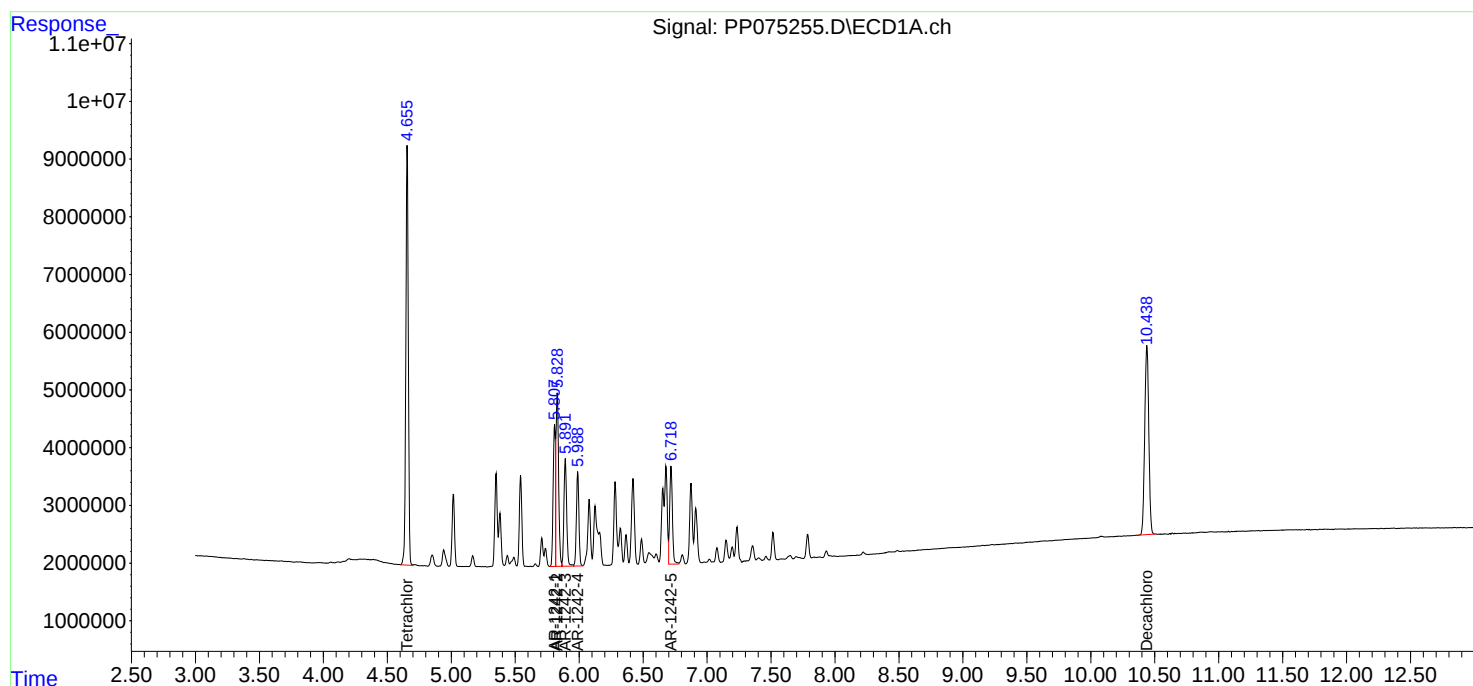
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:51:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075256.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 11:32
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:45:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 13:43:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.799	66015633	303.8E6	50.000	50.000
2) SA Decachlor...	10.443	8.808	50169729	316.8E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.811	4.895	20611924	243.1E6	500.000	500.000
17) L4 AR-1242-2	5.832	4.954	30124732	108.3E6	500.000	500.000
18) L4 AR-1242-3	5.895	5.073	19326019	60823625	500.000	500.000
19) L4 AR-1242-4	5.992	5.155	15661455	81817884	500.000	481.178m
20) L4 AR-1242-5	6.722	5.676	17828128	97113427	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\PP092325\
Data File : PP075256.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:32
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

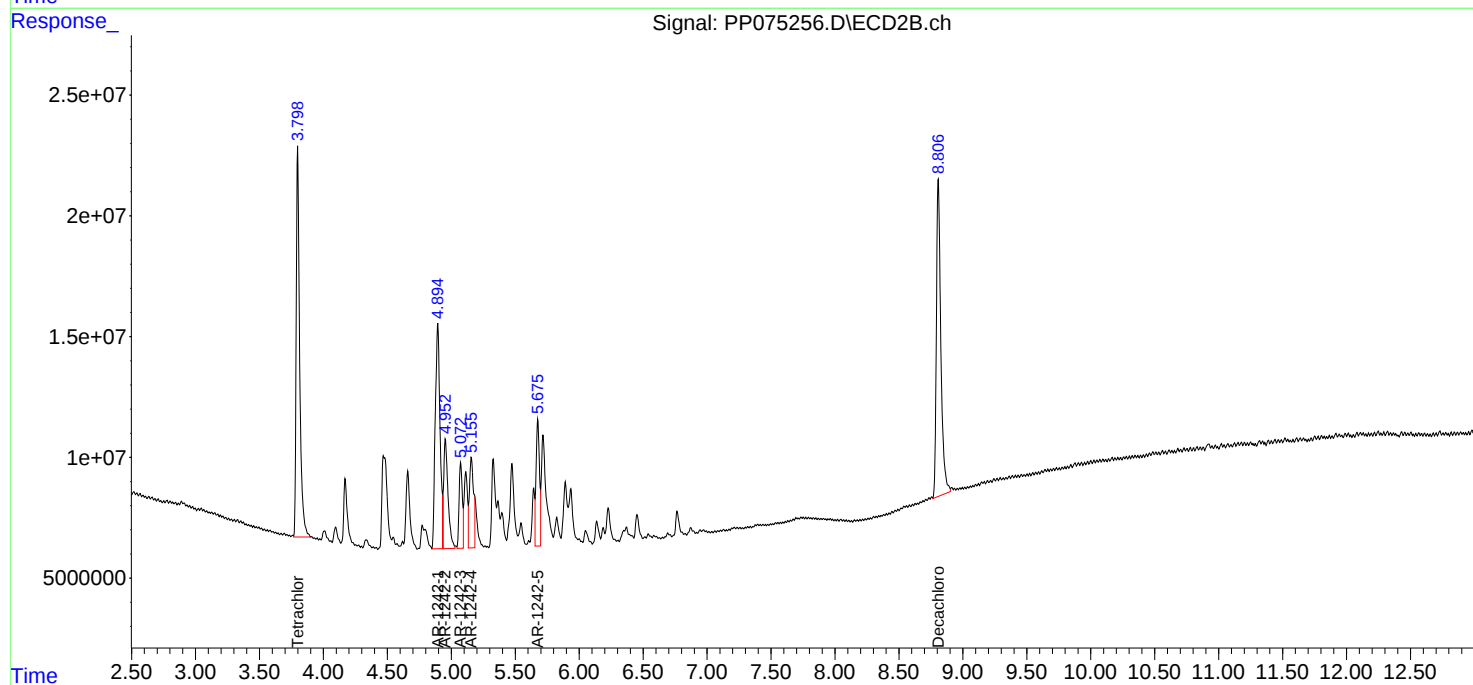
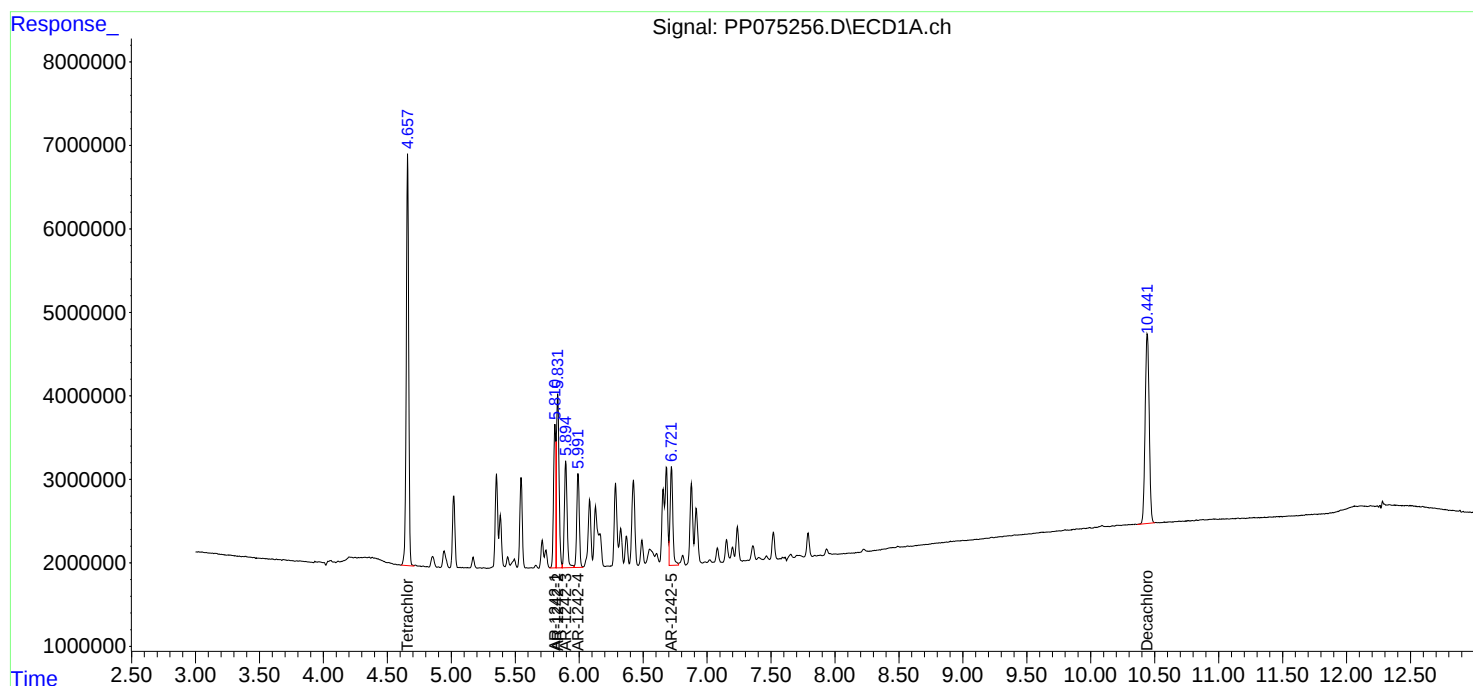
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:45:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:43:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075257.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 11:48
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 13:55:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 13:54:24 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.661	3.797	34555716	150.8E6	26.407	24.382
2) SA Decachlor...	10.444	8.805	26178805	152.5E6	26.539	24.523
Target Compounds						
16) L4 AR-1242-1	5.813	4.894	11111719	121.8E6	274.745	252.283
17) L4 AR-1242-2	5.834	4.952	16022261	54845990	270.012	252.207
18) L4 AR-1242-3	5.897	5.072	10474071	31286183	276.635	253.831
19) L4 AR-1242-4	5.994	5.153	8389612	43909943	272.135	267.938m
20) L4 AR-1242-5	6.724	5.675	9880995	50425039	281.928	257.034

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075257.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

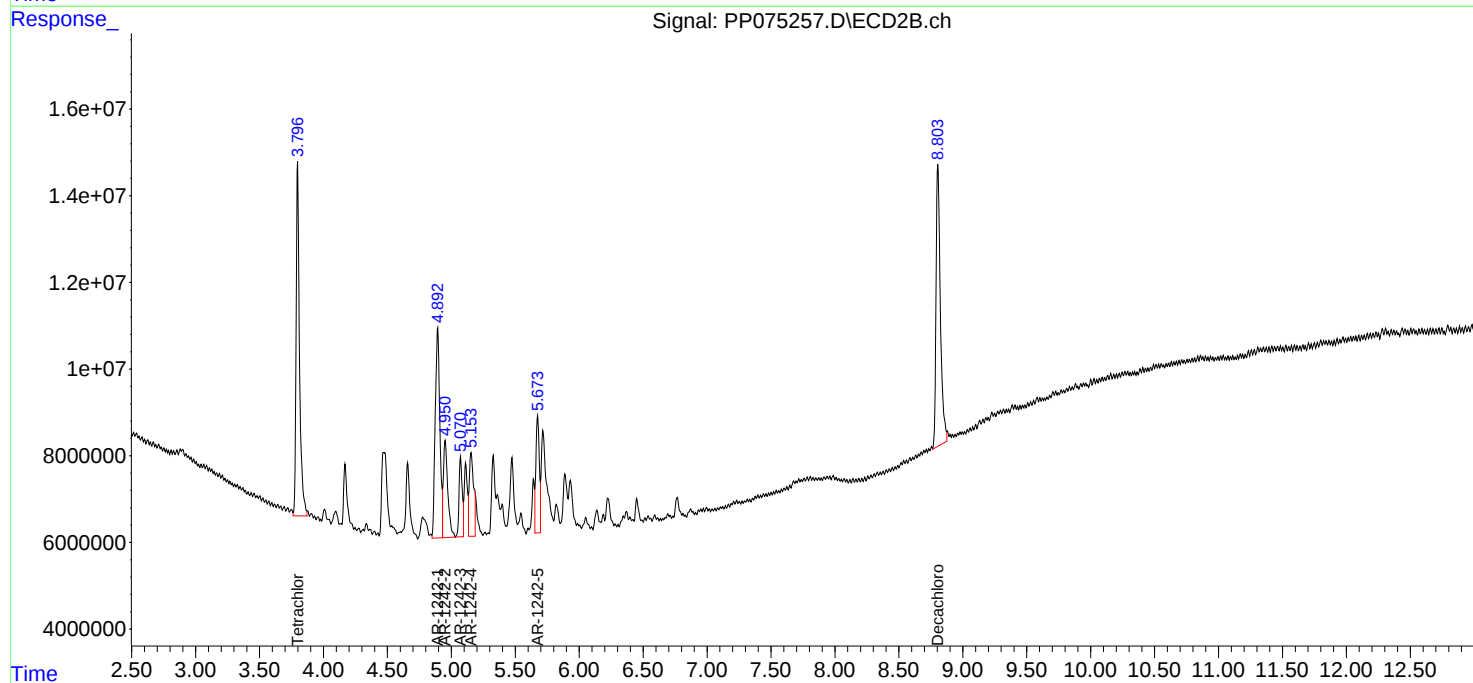
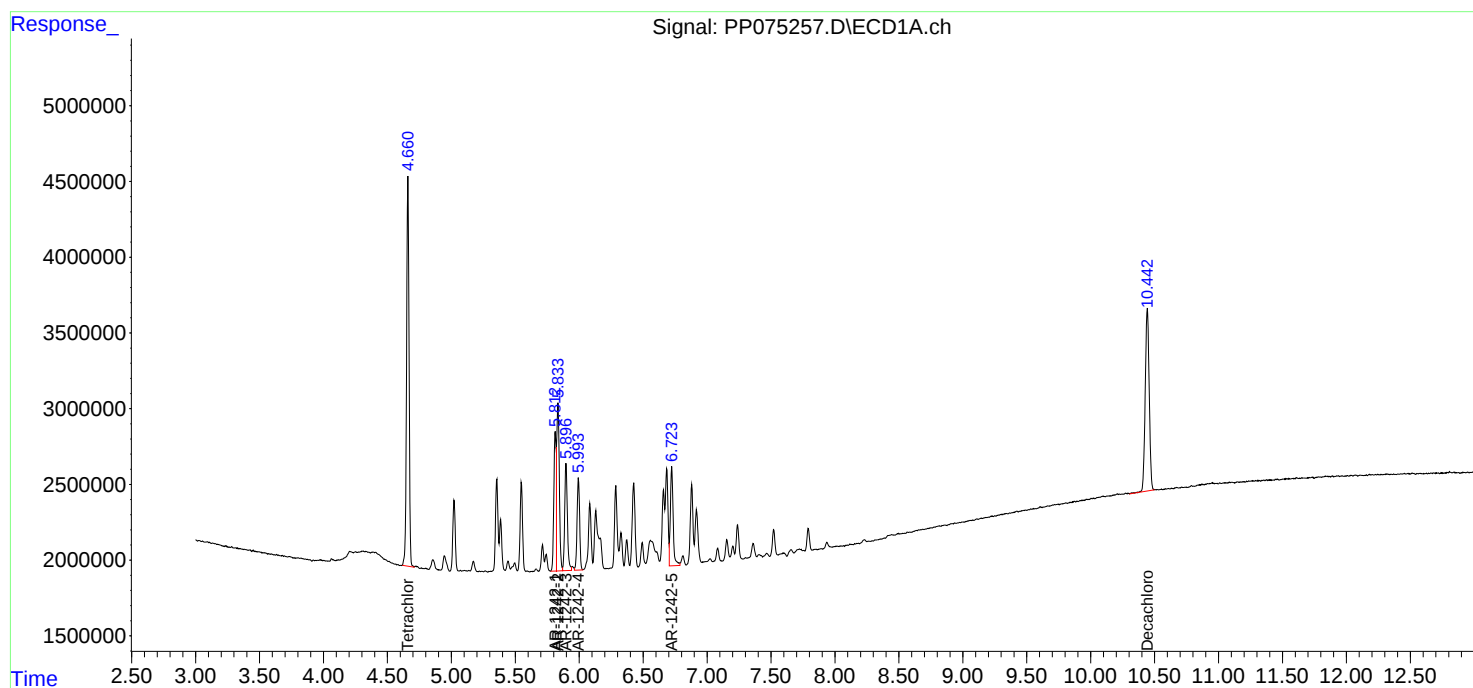
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 13:55:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:54:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075258.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 12:05
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:00:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 13:59:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.796	6258278	24170300	4.827m	4.086
2) SA Decachlor...	10.437	8.803	4689985	25196266	4.802	4.212
Target Compounds						
16) L4 AR-1242-1	5.810	4.893	2326163	20197768	55.837	43.239
17) L4 AR-1242-2	5.831	4.952	3041537	8746690	51.001	41.859
18) L4 AR-1242-3	5.895	5.076	2534074	5839738	62.684	47.881
19) L4 AR-1242-4	5.991	5.155	1692732	6716503	53.850	42.218
20) L4 AR-1242-5	6.719	5.676	1779340	9434797	50.613m	48.462

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075258.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:05
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

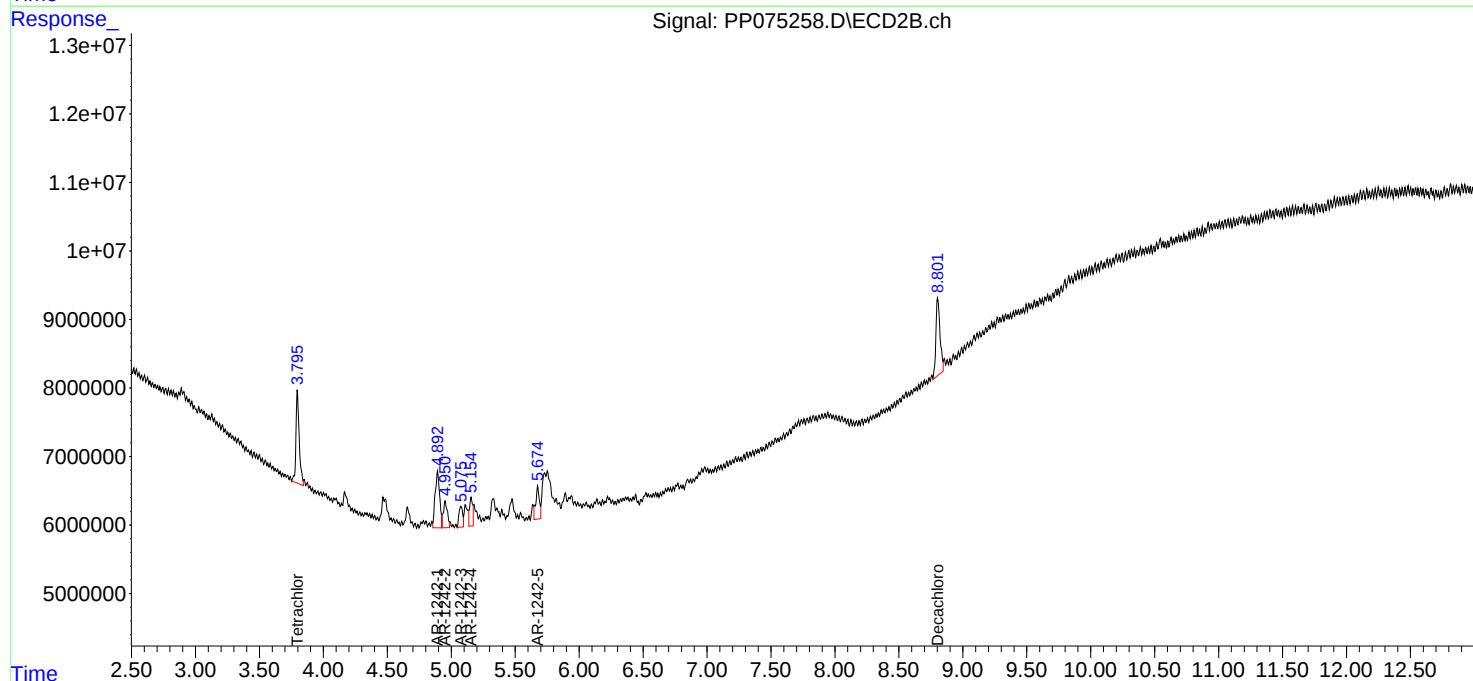
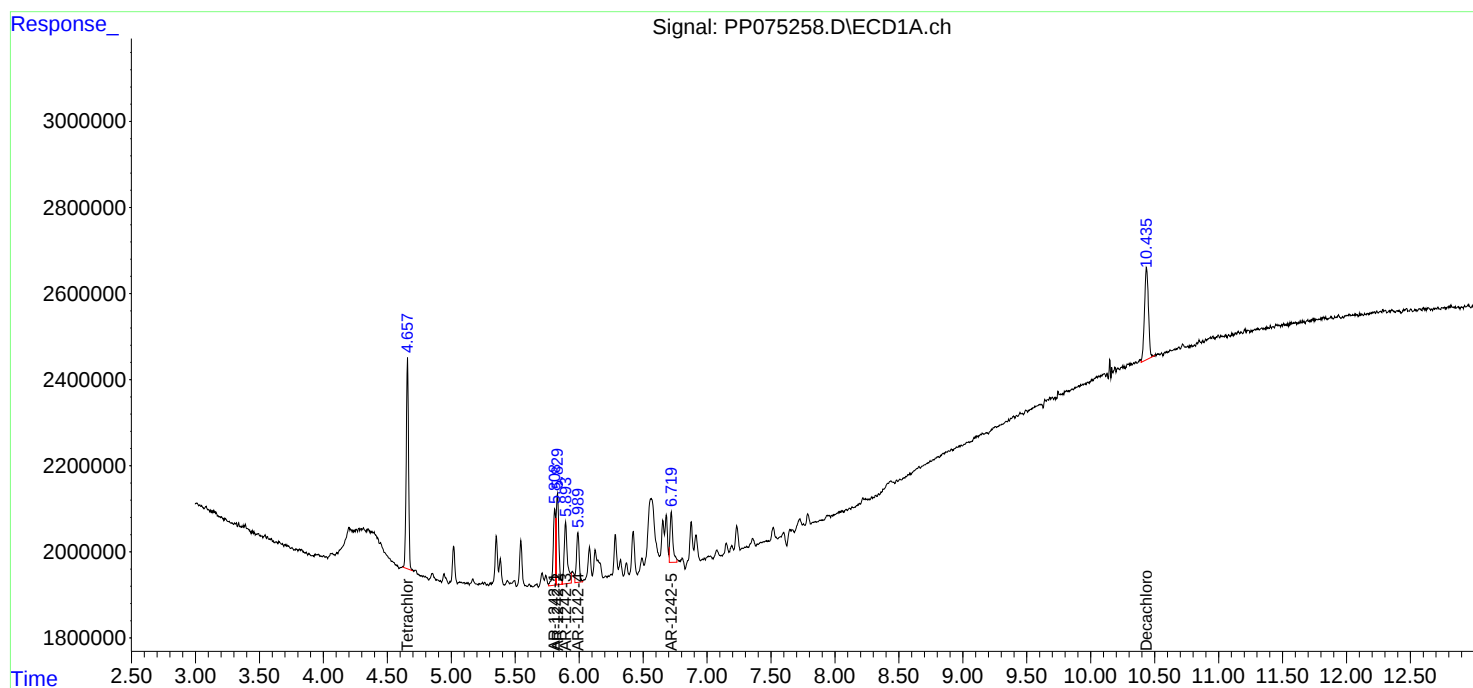
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:00:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 13:59:11 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075259.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 12:37
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:08:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 14:04:14 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...	4.656	3.797	123.5E6	634.2E6	96.737	101.347
2) SA Decachlor...	10.430	8.803	93621437	628.1E6	96.237	99.121
Target Compounds						
21) L5 AR-1248-1	5.807	4.893	29172565	313.0E6	949.898	994.107
22) L5 AR-1248-2	6.078	5.113	39359802	194.6E6	950.495	985.073
23) L5 AR-1248-3	6.281	5.153	44196144	238.8E6	953.794	934.027m
24) L5 AR-1248-4	6.678	5.326	53562132	233.4E6	949.444	1004.611
25) L5 AR-1248-5	6.718	5.716	51867384	417.5E6	947.013	958.730

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075259.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:37
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

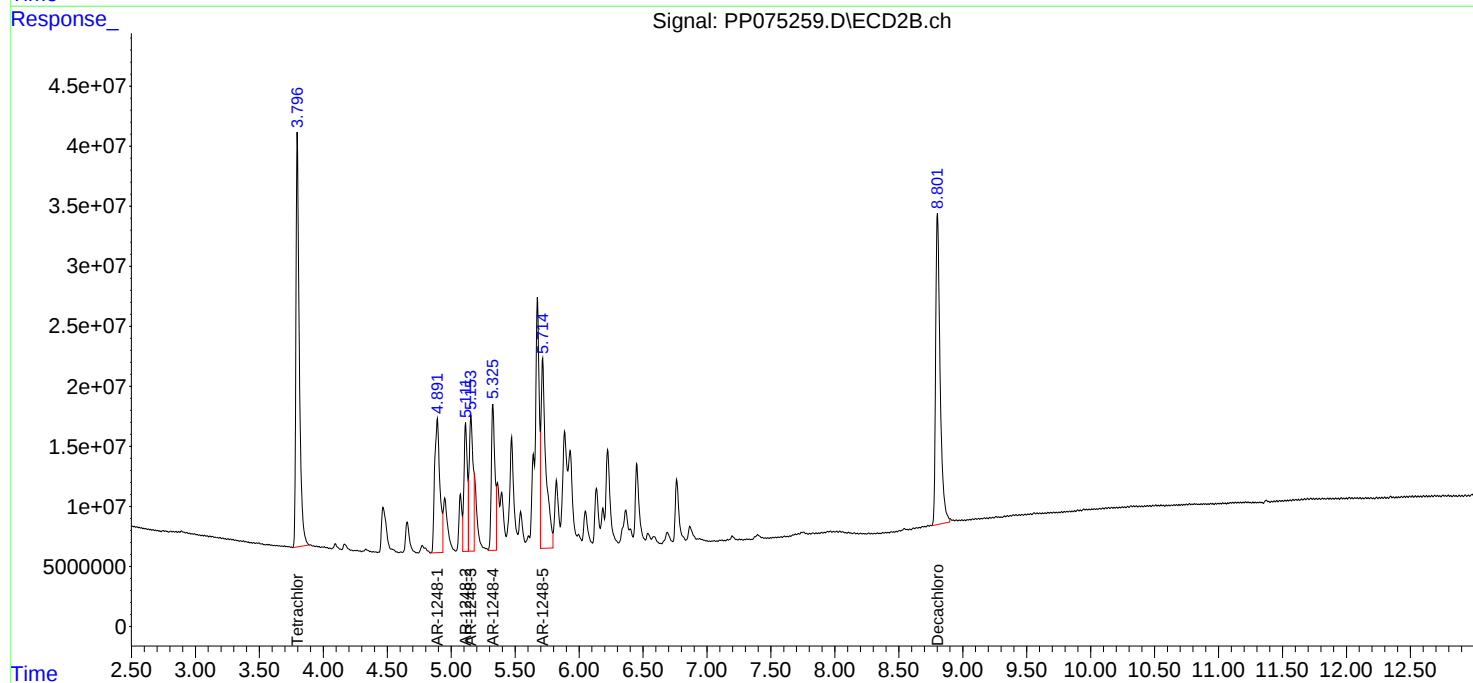
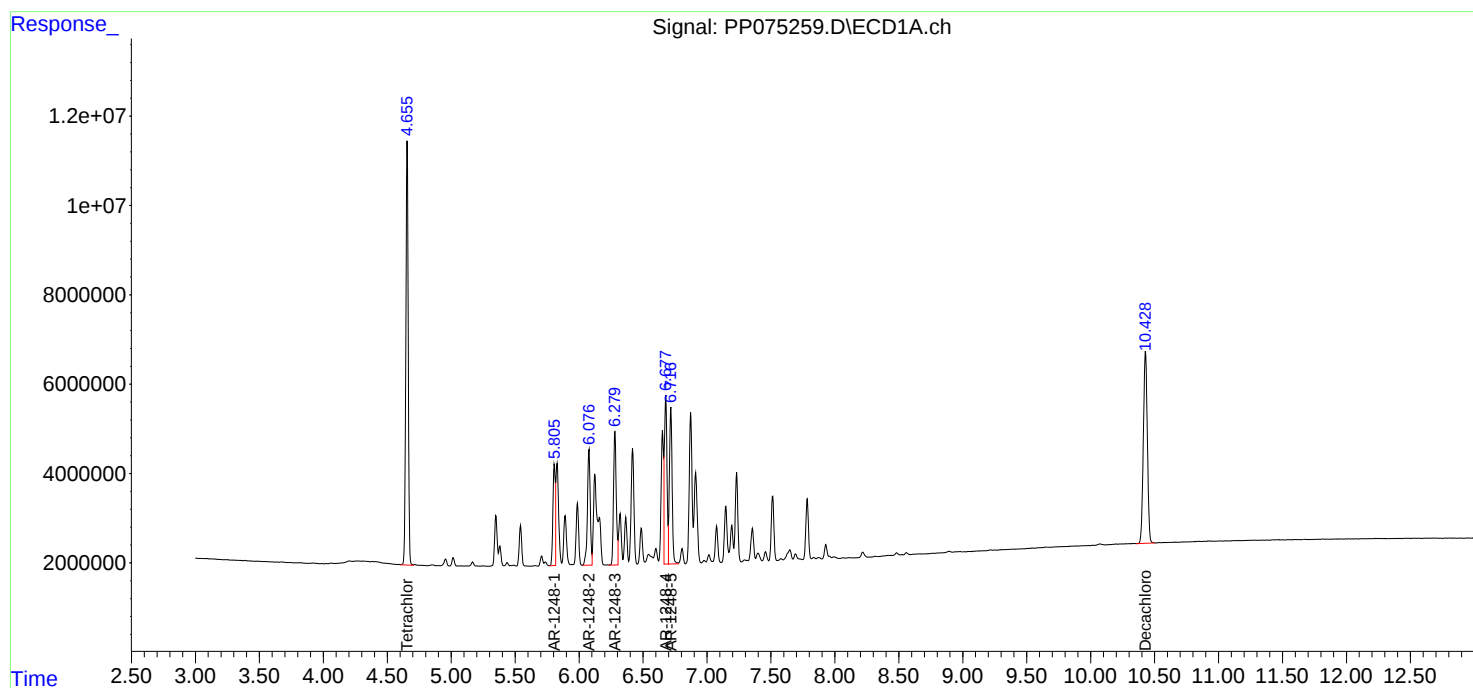
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:08:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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\PP092325\
 Data File : PP075260.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 12:53
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:11:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 14:04:14 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...	4.658	3.801	96387949	476.3E6	75.324	75.742
2) SA Decachlor...	10.437	8.808	73513004	475.1E6	75.377	74.984
Target Compounds						
21) L5 AR-1248-1	5.810	4.897	23548183	235.7E6	761.091	749.095
22) L5 AR-1248-2	6.081	5.117	31337463	153.7E6	754.496	768.427
23) L5 AR-1248-3	6.284	5.157	35028270	183.3E6	753.951	722.769m
24) L5 AR-1248-4	6.681	5.331	42467941	177.0E6	751.857	757.895
25) L5 AR-1248-5	6.721	5.719	41109339	325.2E6	750.393	747.880

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075260.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 12:53
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

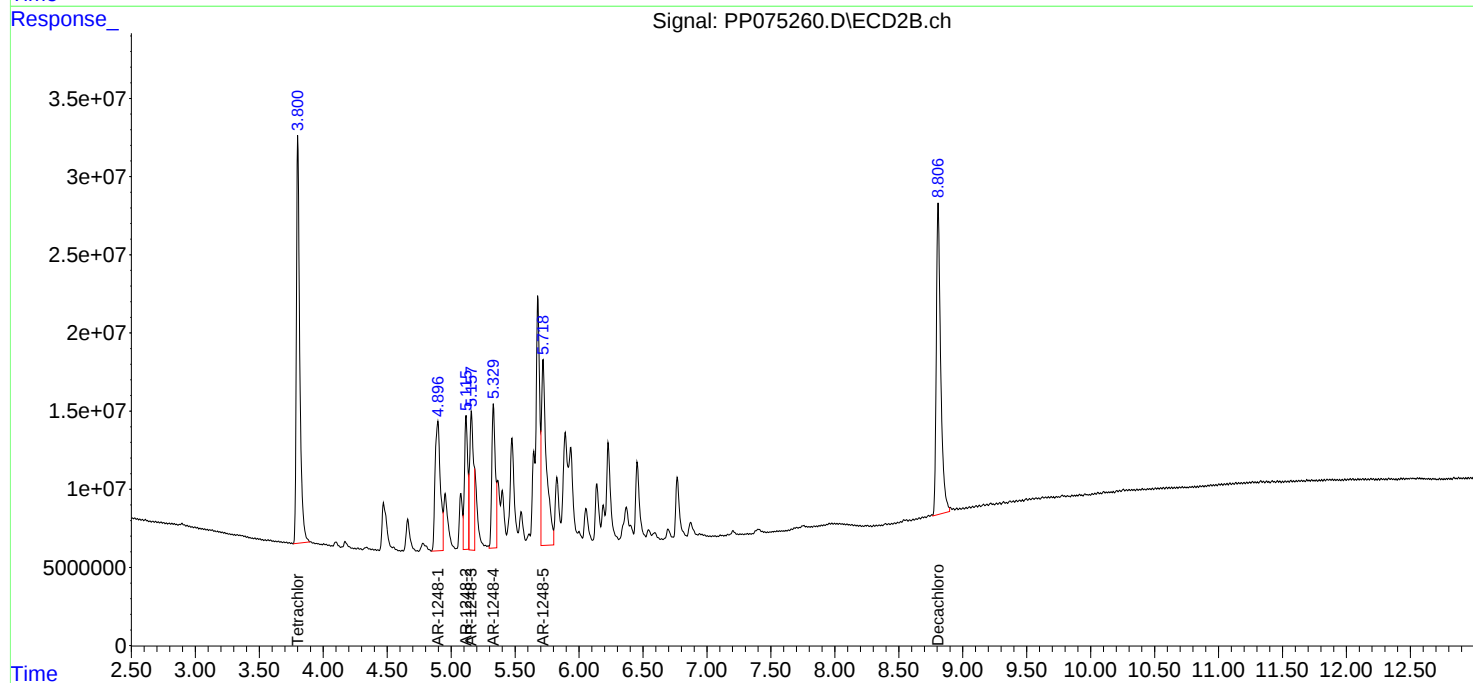
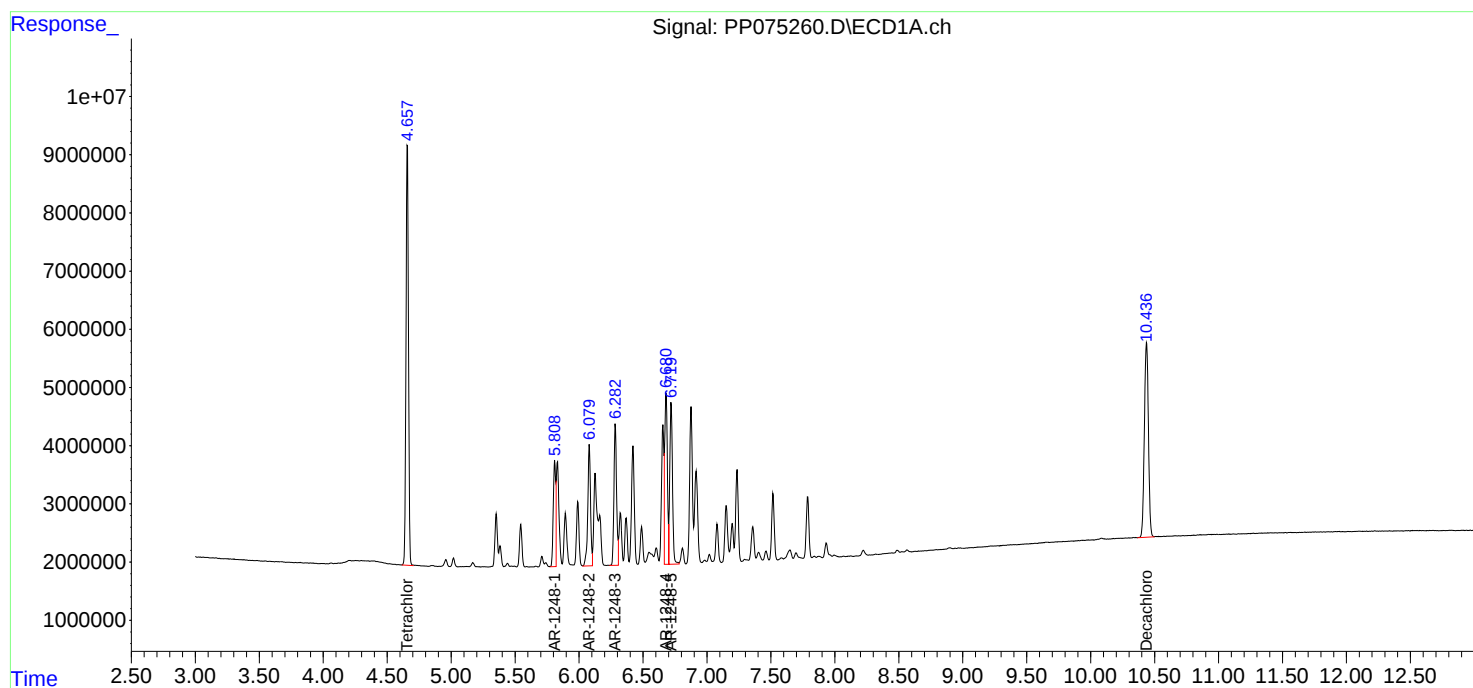
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:11:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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\PP092325\
 Data File : PP075261.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 13:10
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:04:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 14:04:14 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...	4.660	3.796	65927642	308.7E6	50.000	50.000
2) SA Decachlor...	10.439	8.803	50471290	319.6E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.811	4.892	16124985	158.4E6	500.000	500.000
22) L5 AR-1248-2	6.083	5.112	21729896	100.3E6	500.000	500.000
23) L5 AR-1248-3	6.285	5.152	24239118	131.8E6	500.000	515.550m
24) L5 AR-1248-4	6.683	5.325	29633124	115.6E6	500.000	500.000
25) L5 AR-1248-5	6.723	5.714	28835751	226.7E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075261.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:10
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

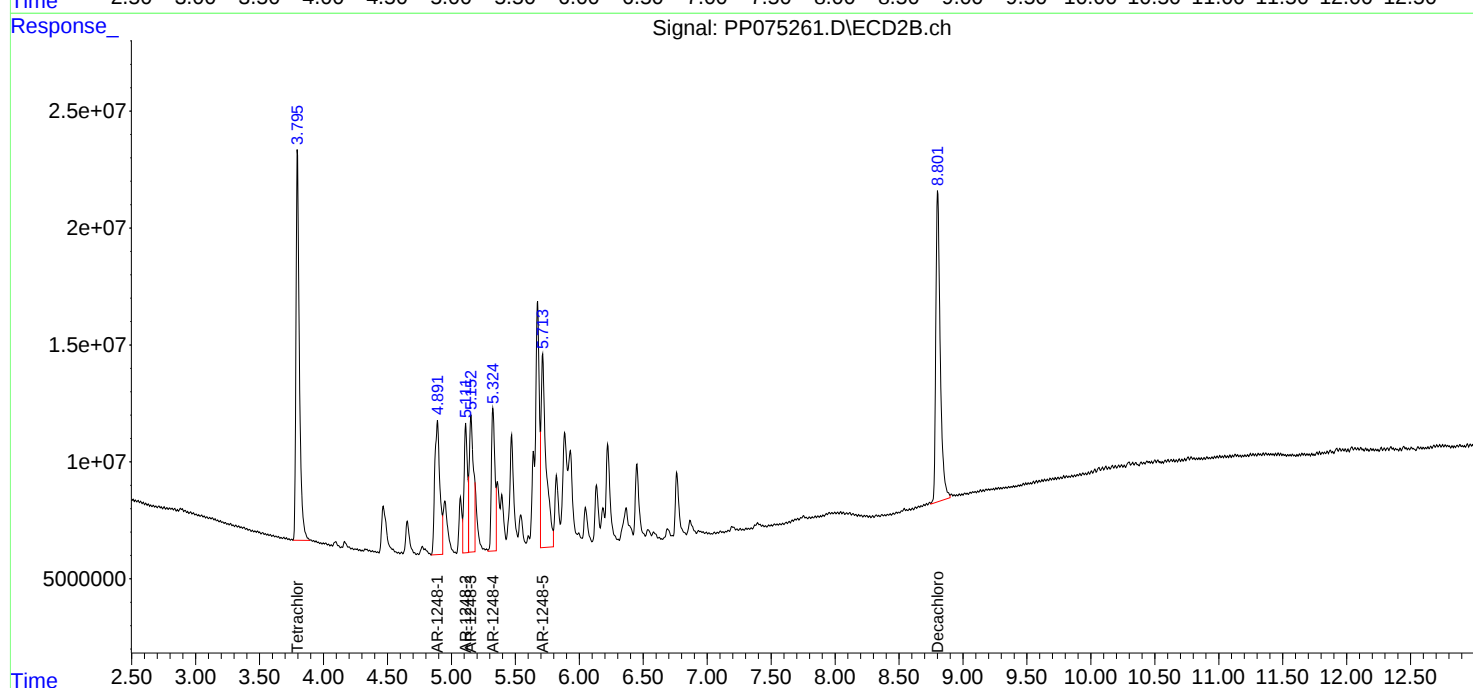
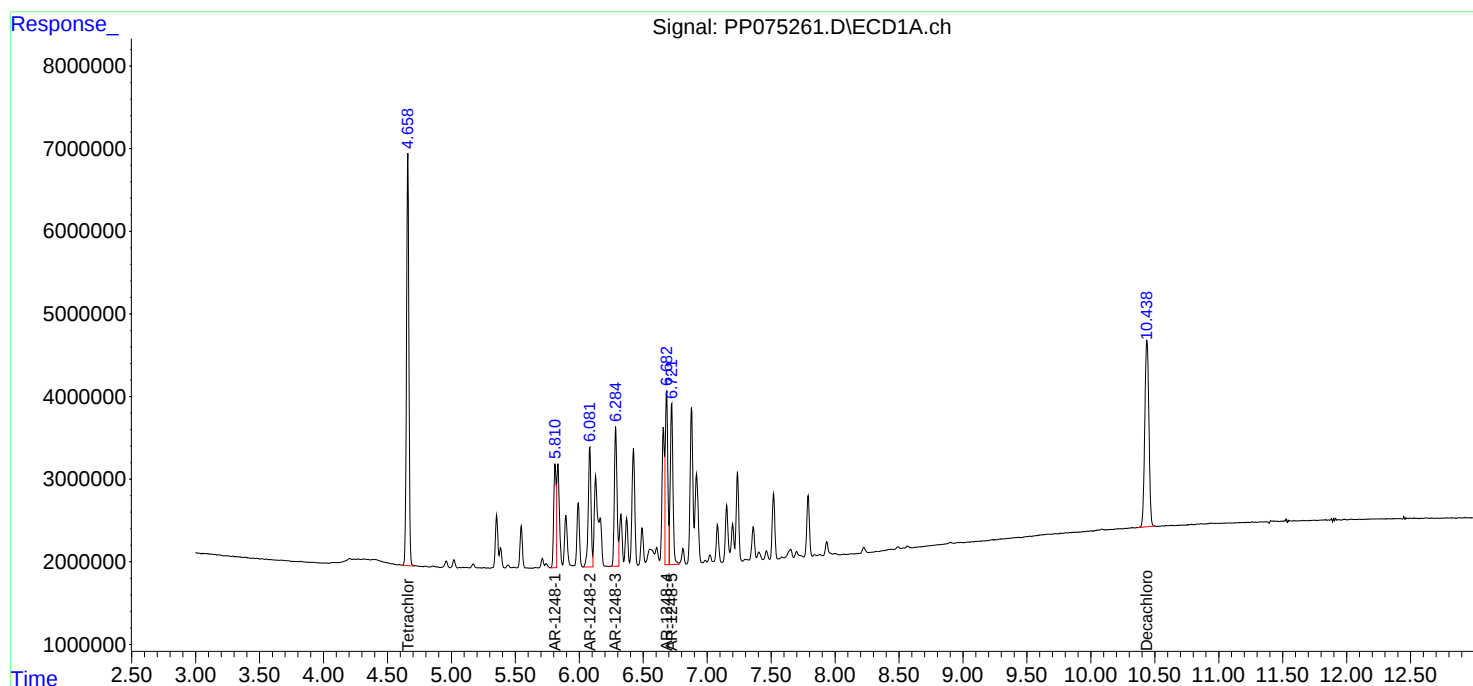
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:04:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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\PP092325\
 Data File : PP075262.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 13:26
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:14:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 14:04:14 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...	4.657	3.801	33217069	138.8E6	25.712	22.741
2) SA Decachlor...	10.437	8.806	25462185	150.8E6	25.822	24.087
Target Compounds						
21) L5 AR-1248-1	5.809	4.895	8438835	78304958	266.682	249.137
22) L5 AR-1248-2	6.080	5.116	11269776	51510660	265.668	255.596
23) L5 AR-1248-3	6.282	5.157	12543499	64693904	264.697	262.977m
24) L5 AR-1248-4	6.681	5.329	15335475	57505517	265.786	247.159
25) L5 AR-1248-5	6.720	5.719	15386978	109.3E6	272.457	250.932

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075262.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:26
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

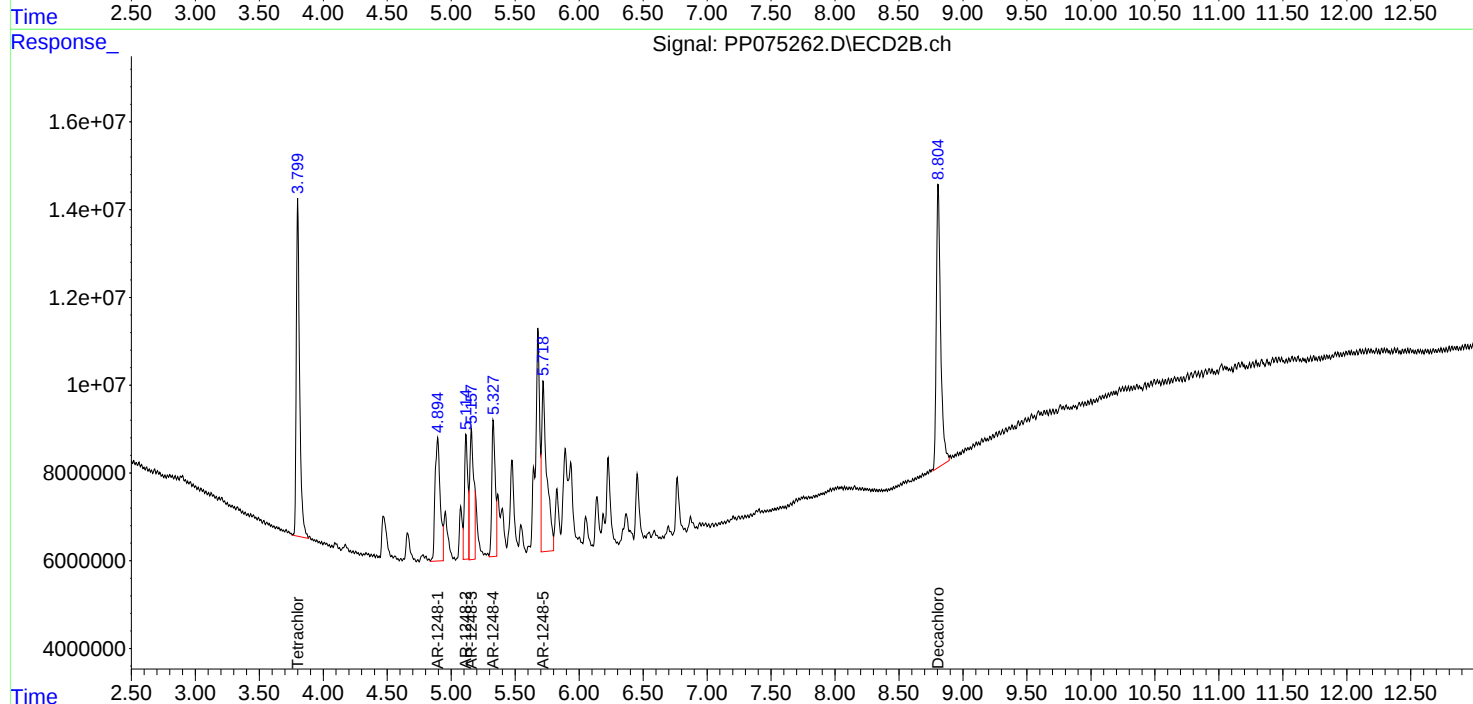
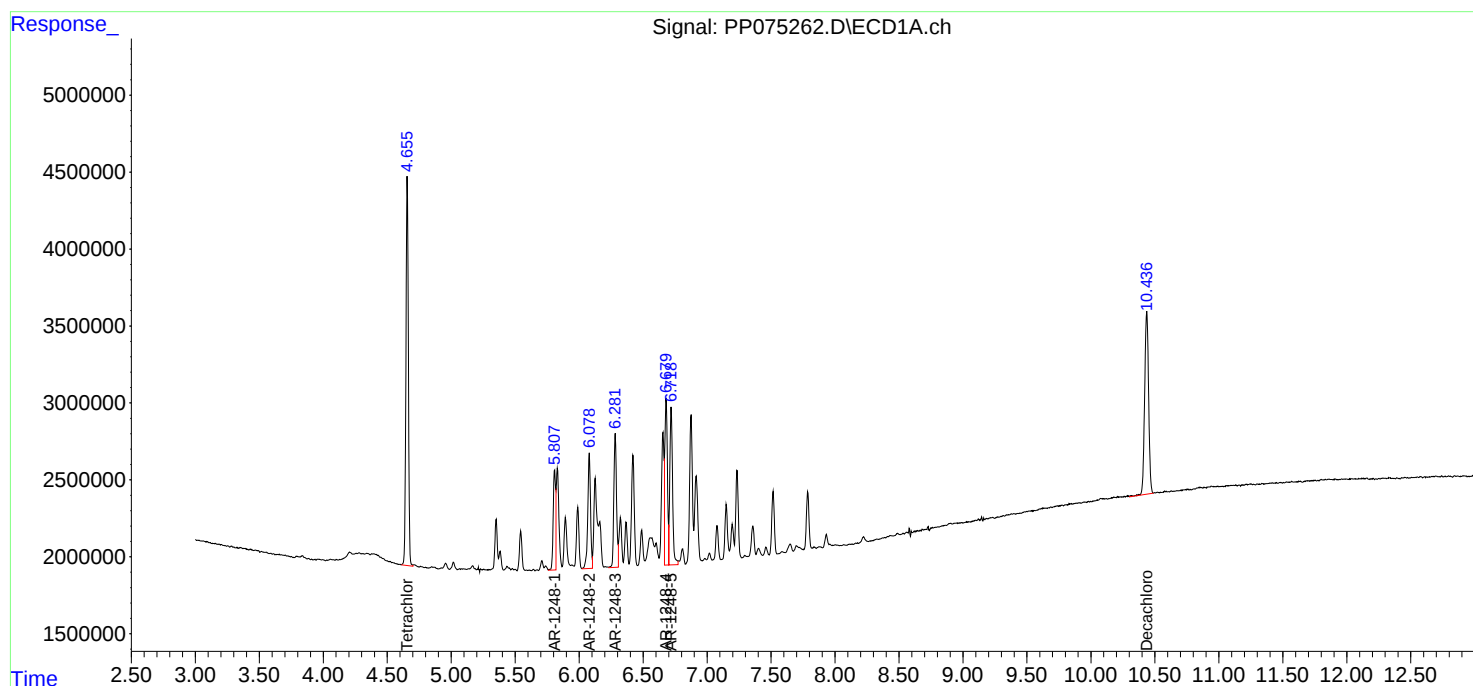
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:14:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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\PP092325\
 Data File : PP075263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 13:42
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 14:19:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 14:04:14 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...	4.655	3.797	6566364	21995820	5.074m	3.816
2) SA Decachlor...	10.437	8.804	4912073	26887807	4.985	4.420
Target Compounds						
21) L5 AR-1248-1	5.809	4.897	1561167	12255520	49.467	40.788
22) L5 AR-1248-2	6.080	5.114	2357910	10313506	54.370	50.936
23) L5 AR-1248-3	6.282	5.154	2462035	12158074	51.552	45.736m
24) L5 AR-1248-4	6.681	5.326	3238253	11652585	54.782	50.066
25) L5 AR-1248-5	6.719	5.728	3479899	15059630	59.114m	36.859 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075263.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 13:42
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

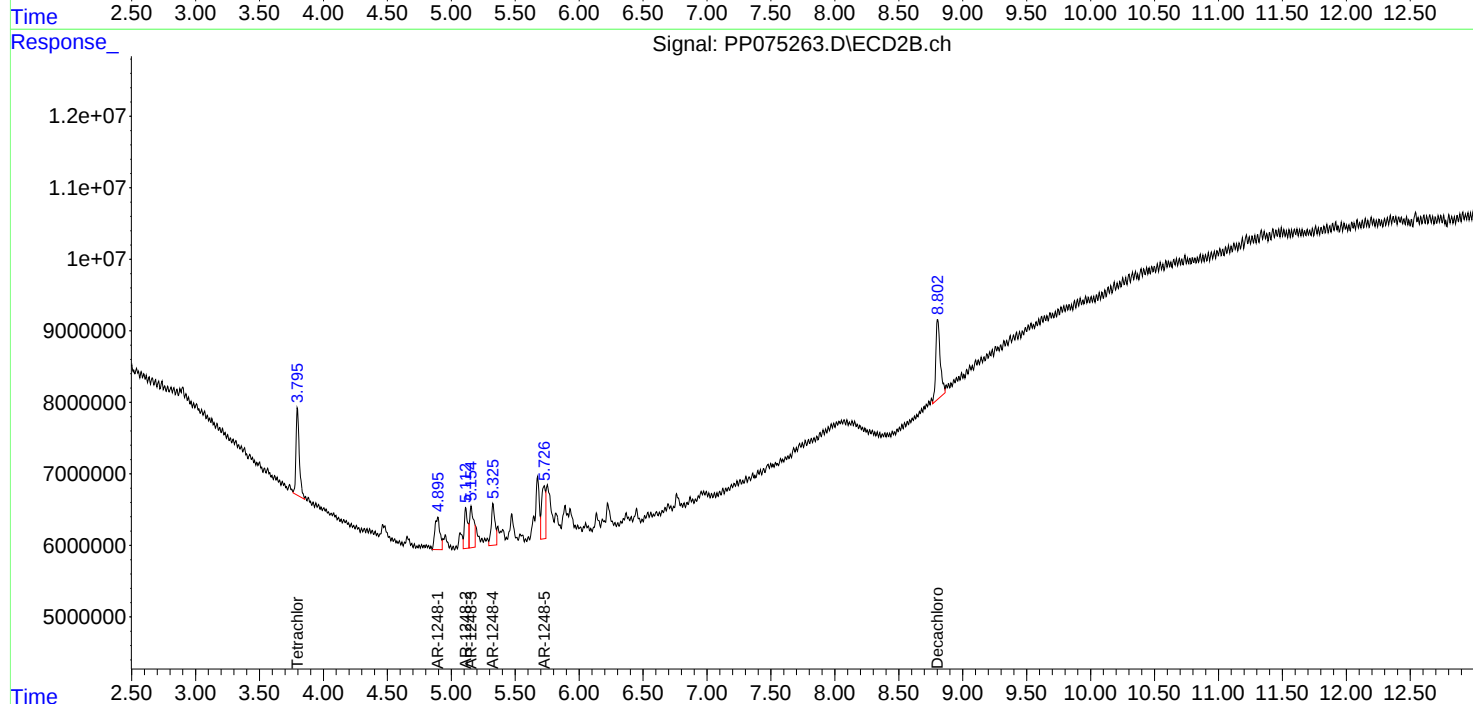
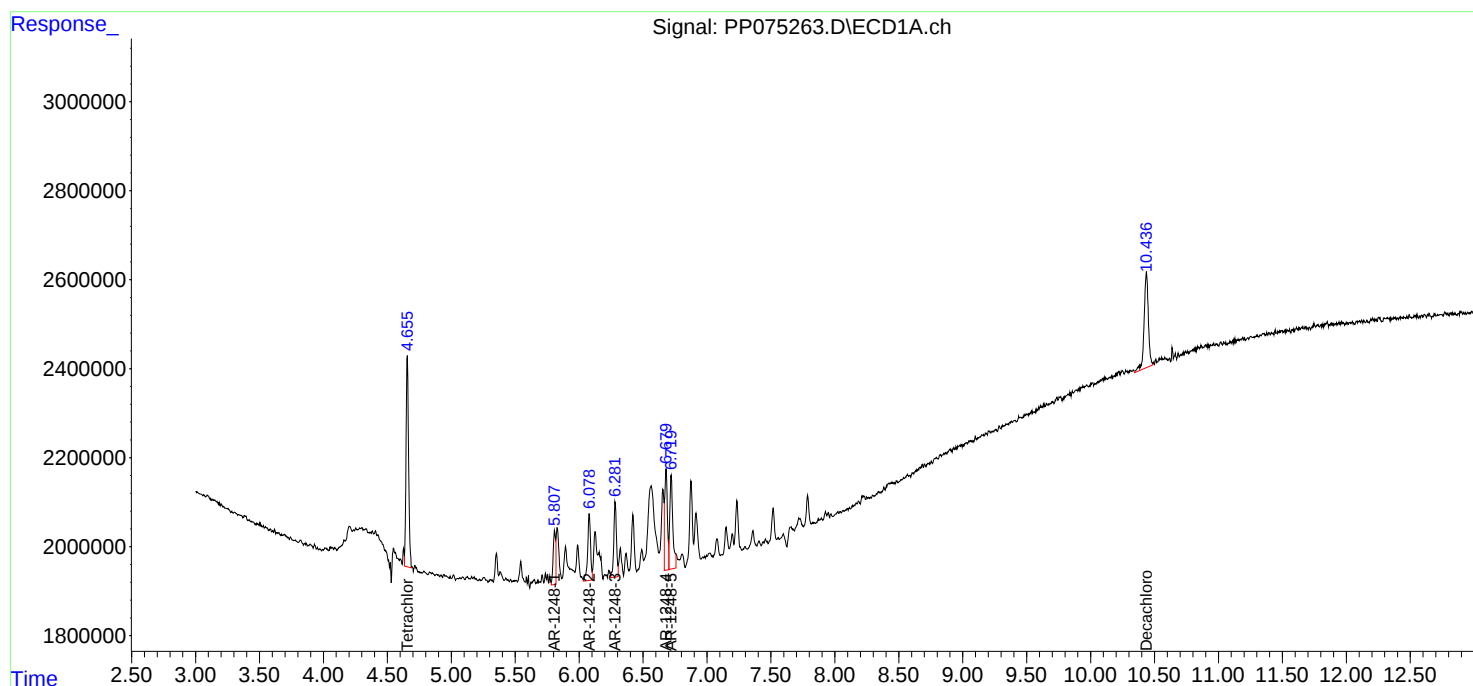
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 14:19:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 14:04:14 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\PP092325\
 Data File : PP075264.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 14:15
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:27:05 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 15:25:14 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...	4.660	3.799	124.3E6	624.1E6	96.412	98.637
2) SA Decachlor...	10.440	8.805	94019612	623.8E6	94.956	97.883
Target Compounds						
26) L6 AR-1254-1	6.659	5.678	61475917	503.0E6	968.019m	971.997
27) L6 AR-1254-2	6.876	5.825	77552440	378.2E6	944.080	972.887
28) L6 AR-1254-3	7.238	6.227	82845377	715.2E6	946.428	997.656
29) L6 AR-1254-4	7.520	6.453	64880438	505.6E6	943.395	962.588
30) L6 AR-1254-5	7.936	6.870	77310574	551.8E6	947.519	921.721

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075264.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:15
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

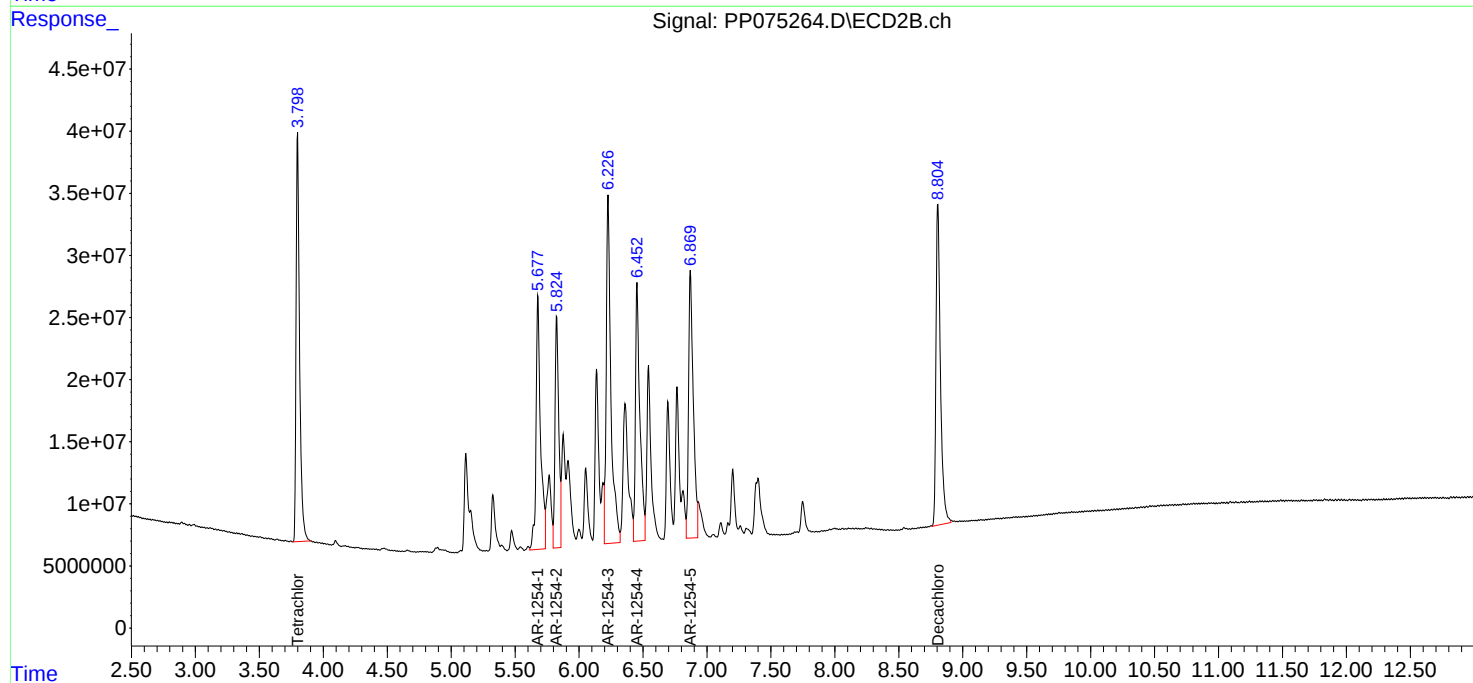
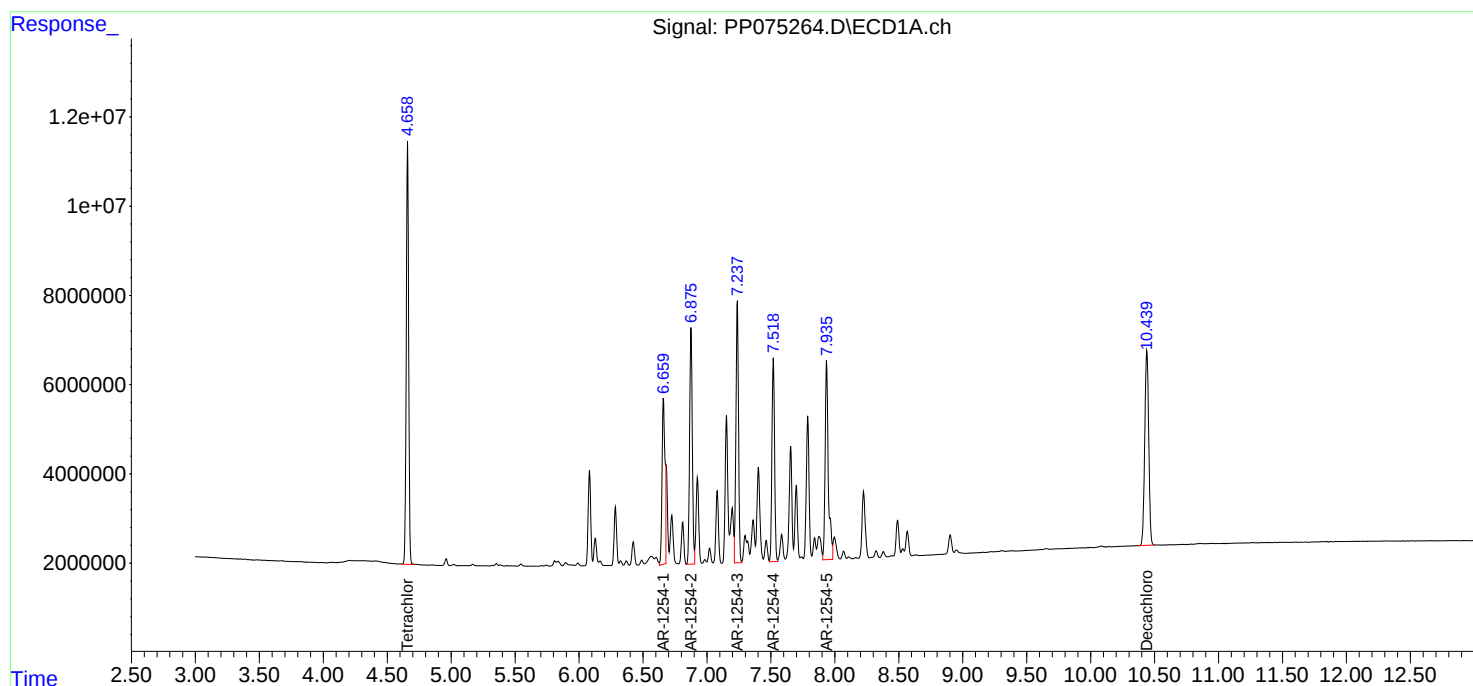
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:27:05 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075265.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 14:31
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:30:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 15:25:14 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...	4.656	3.799	97801585	485.2E6	75.559	76.113
2) SA Decachlor...	10.437	8.806	74646283	470.9E6	75.259	74.263
Target Compounds						
26) L6 AR-1254-1	6.656	5.678	47050728	401.3E6	729.090m	766.735
27) L6 AR-1254-2	6.873	5.825	61746016	302.7E6	751.107	768.826
28) L6 AR-1254-3	7.235	6.227	65961946	542.1E6	752.364	754.081
29) L6 AR-1254-4	7.517	6.454	51519817	403.9E6	749.416	762.571
30) L6 AR-1254-5	7.933	6.871	61456126	473.6E6	752.135	776.903

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075265.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:31
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

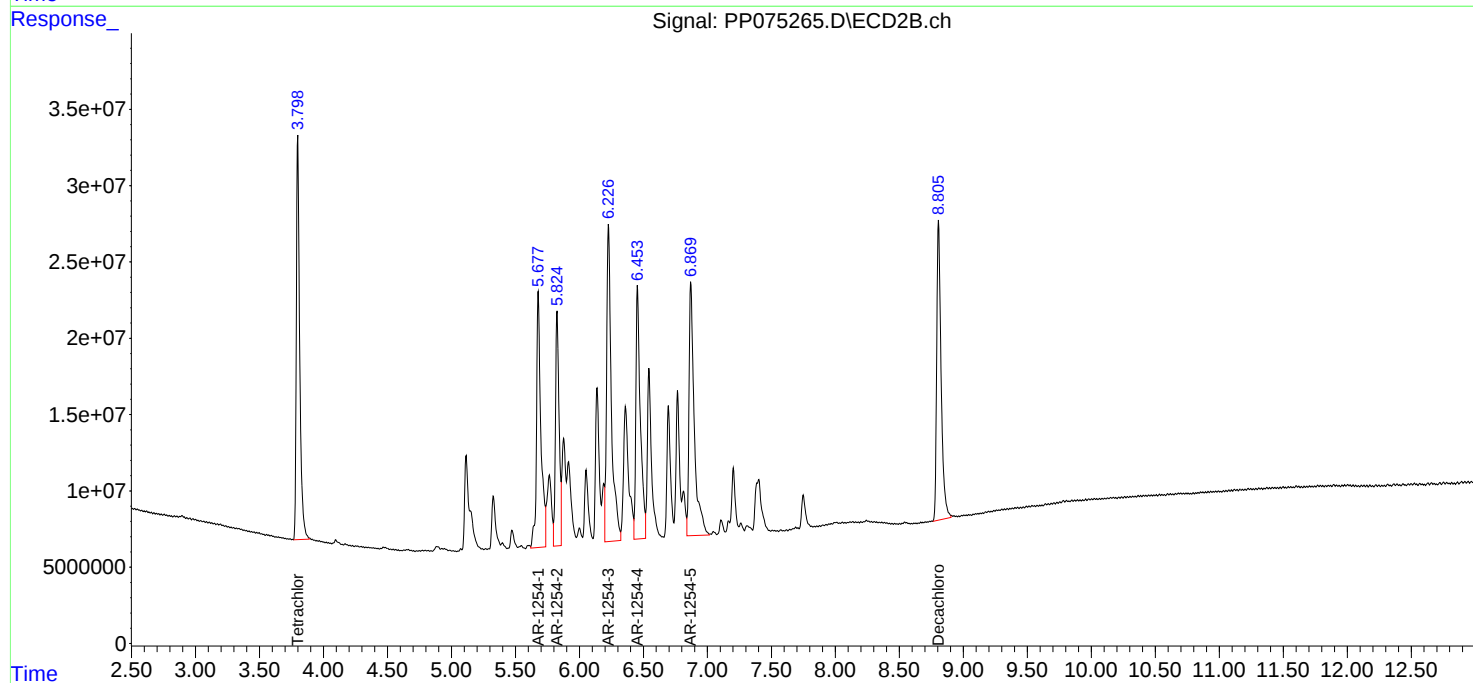
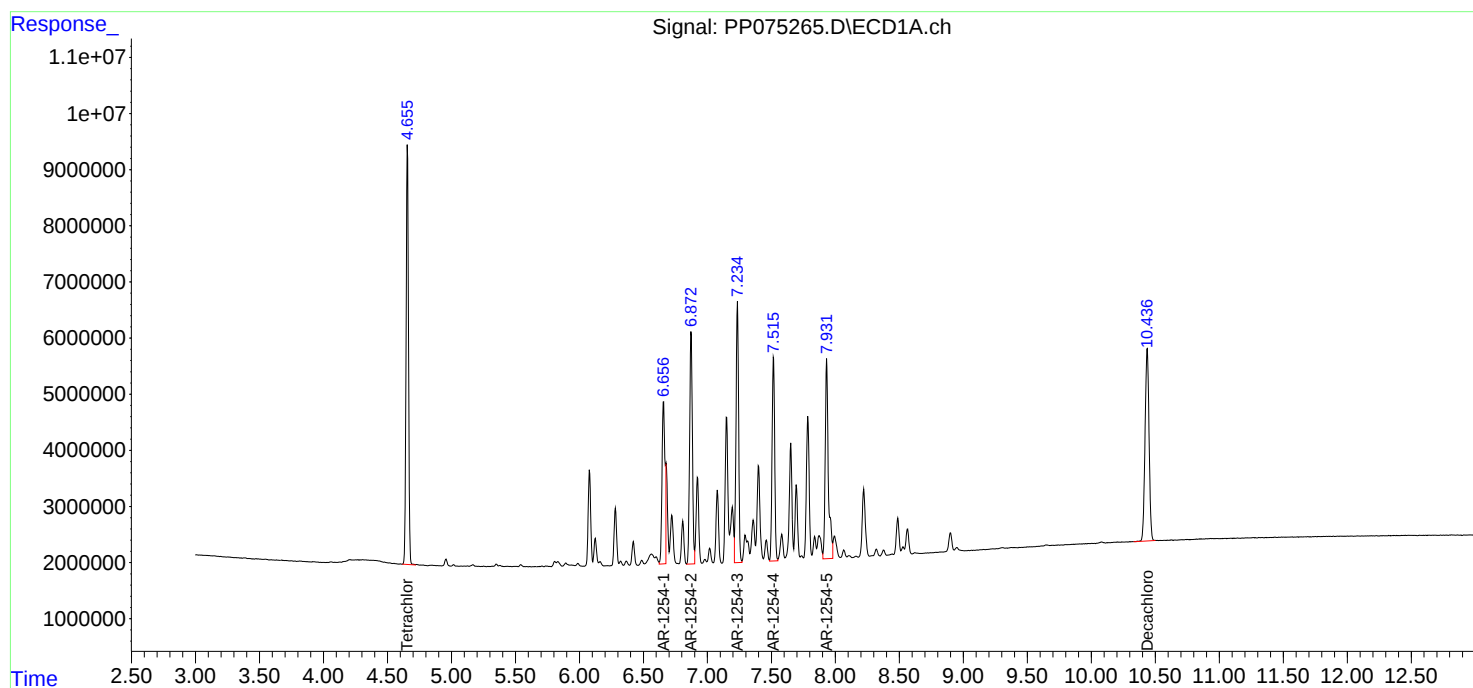
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:30:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075266.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 14:47
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:14:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 15:13:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.799	66790785	320.7E6	50.000	50.000
2) SA Decachlor...	10.441	8.806	52004273	325.4E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.659	5.679	32993341	266.0E6	519.163m	500.000
27) L6 AR-1254-2	6.876	5.826	43369825	199.7E6	500.000	500.000
28) L6 AR-1254-3	7.238	6.228	46112134	359.3E6	500.000	500.000
29) L6 AR-1254-4	7.520	6.455	36333103	272.5E6	500.000	500.000
30) L6 AR-1254-5	7.936	6.871	42937319	322.8E6	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\PP092325\
Data File : PP075266.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 14:47
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

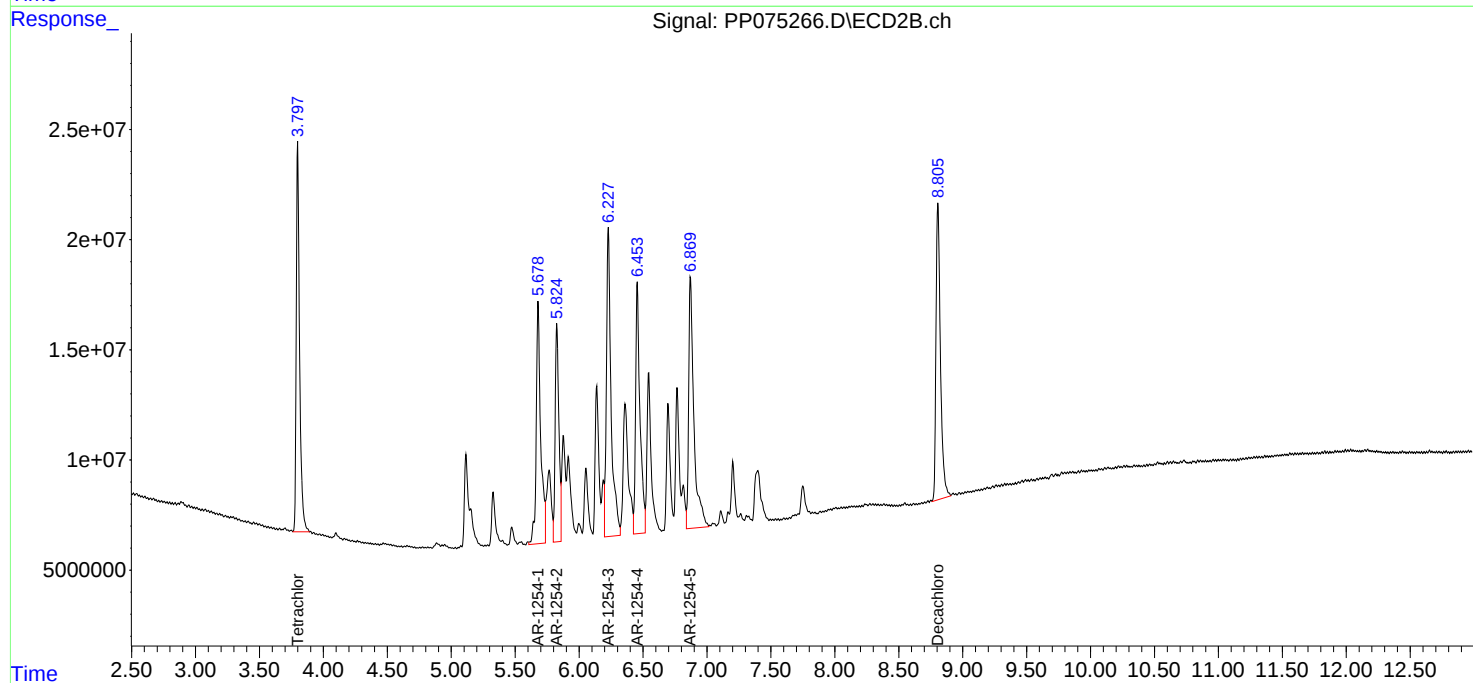
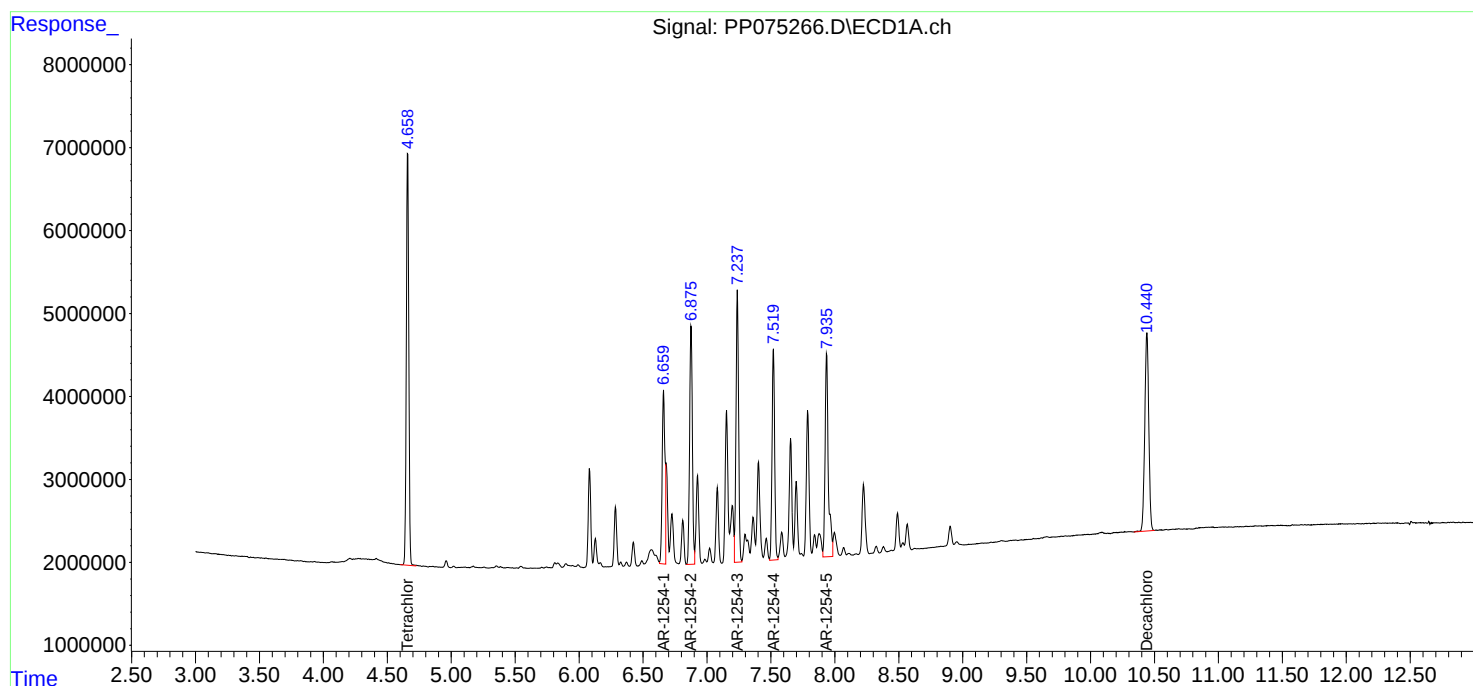
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:14:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:13:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075267.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 15:04
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:34:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 15:25:14 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	3.798	33173271	137.6E6	25.469	22.344
2)	SA Decachlor...	10.440	8.806	25068322	153.9E6	25.205	24.451
Target Compounds							
26)	L6 AR-1254-1	6.658	5.678	15749633	130.5E6	242.688m	249.504
27)	L6 AR-1254-2	6.875	5.825	22036705	98058544	263.308	249.301
28)	L6 AR-1254-3	7.238	6.227	23518741	165.6E6	263.446	234.968
29)	L6 AR-1254-4	7.519	6.453	18117404	123.1E6	260.019	236.508
30)	L6 AR-1254-5	7.935	6.870	21487152	144.6E6	259.604	240.237

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075267.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:04
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

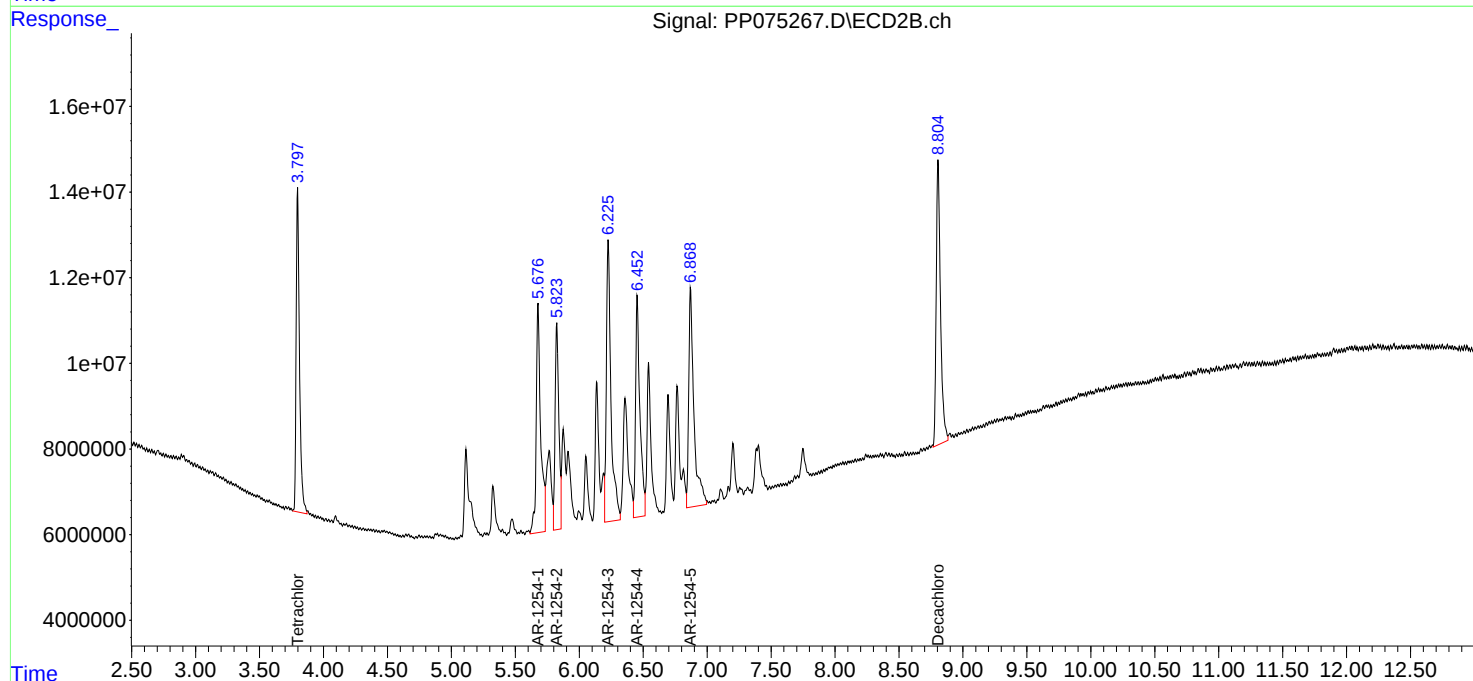
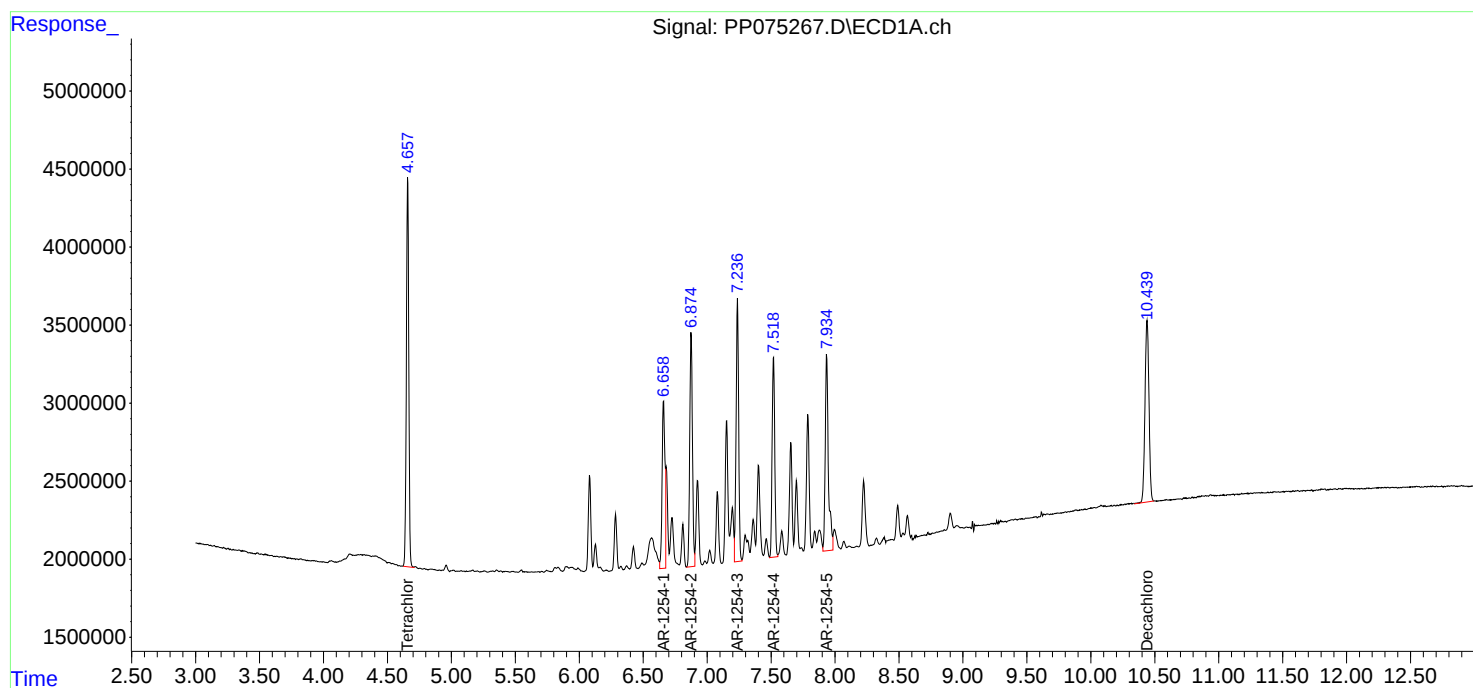
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:34:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:25:14 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\PP092325\
 Data File : PP075268.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 15:20
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 15:51:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 15:51:36 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	6696765	22881590	5.113	3.918
2) SA Decachlor...	10.433	8.807	4781103	27052038	4.845	4.421
Target Compounds						
26) L6 AR-1254-1	6.655	5.680	3396225	20102889	52.688m	40.302
27) L6 AR-1254-2	6.872	5.827	4745100	21129184	55.218	52.931
28) L6 AR-1254-3	7.234	6.228	5250883	25236892	56.814	37.966 #
29) L6 AR-1254-4	7.516	6.453	3901845	19340151	54.687	39.178 #
30) L6 AR-1254-5	7.932	6.871	3898066	22310596	47.649	39.094

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075268.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:20
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

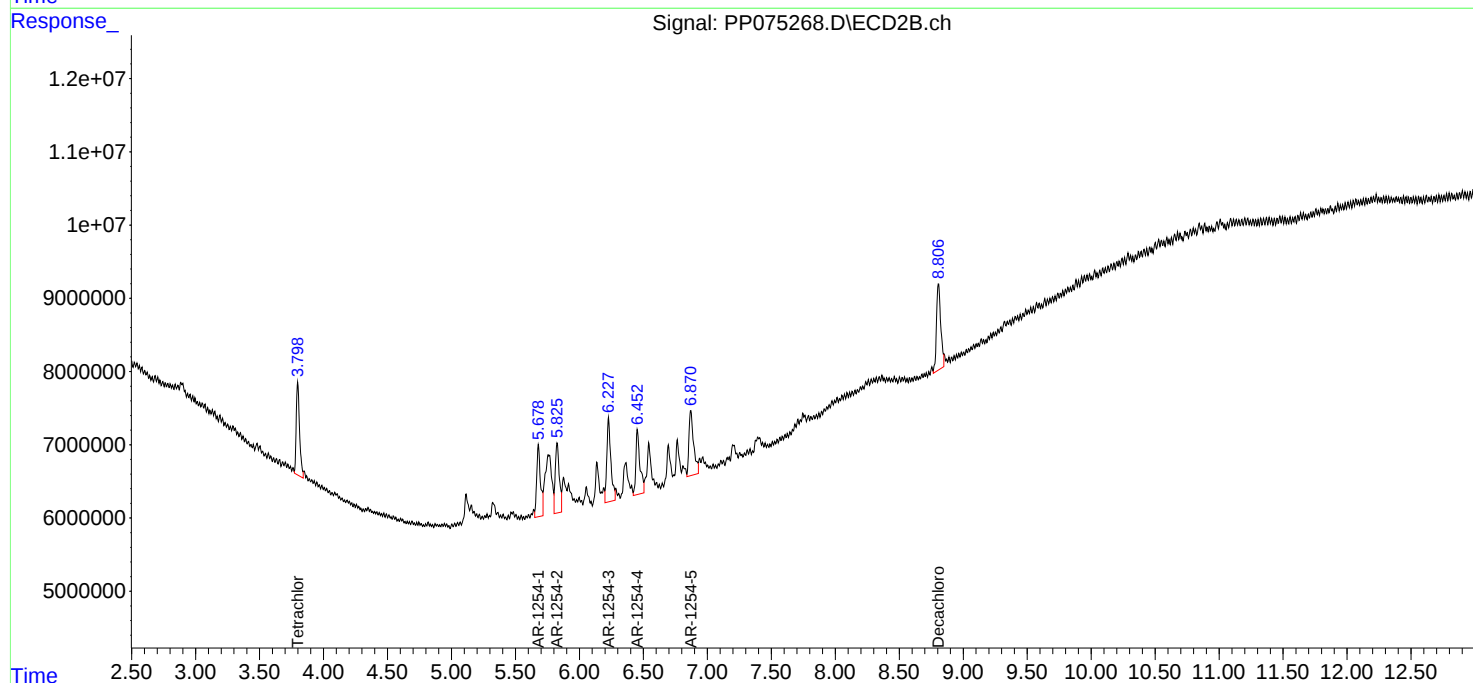
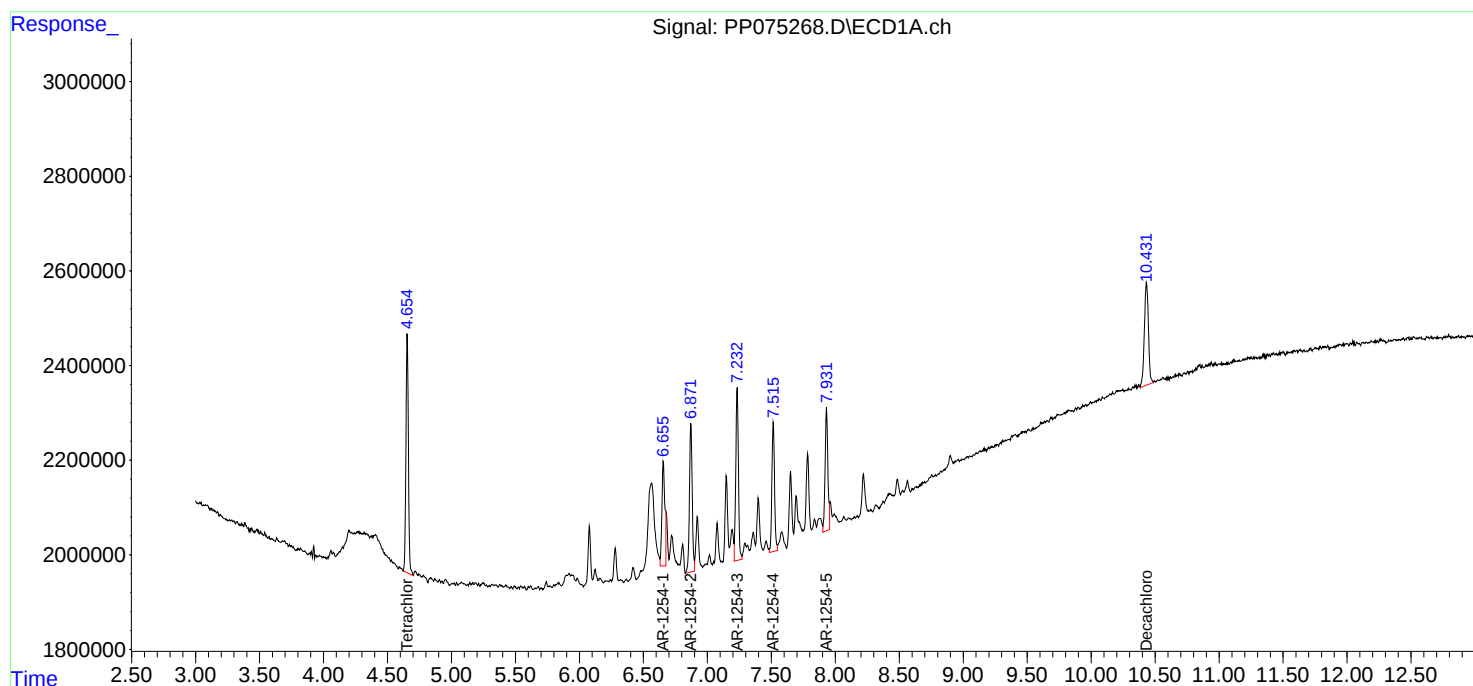
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 15:51:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 15:51:36 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075269.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 15:52
 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: Sep 23 16:11:22 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 16:09:50 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.800	64525262	296.7E6	50.000	50.000
2) SA Decachlor...	10.443	8.807	49716283	321.5E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.243	6.909	37977598	395.6E6	500.000	500.000
37) L8 AR-1262-2	8.569	7.168	67680488	276.2E6	500.000	500.000
38) L8 AR-1262-3	8.895	7.690	46725485	250.0E6	500.000	500.000
39) L8 AR-1262-4	8.984	7.753	36118617	454.0E6	500.000	500.000
40) L8 AR-1262-5	9.656	8.247	26067736	215.0E6	500.000	500.000

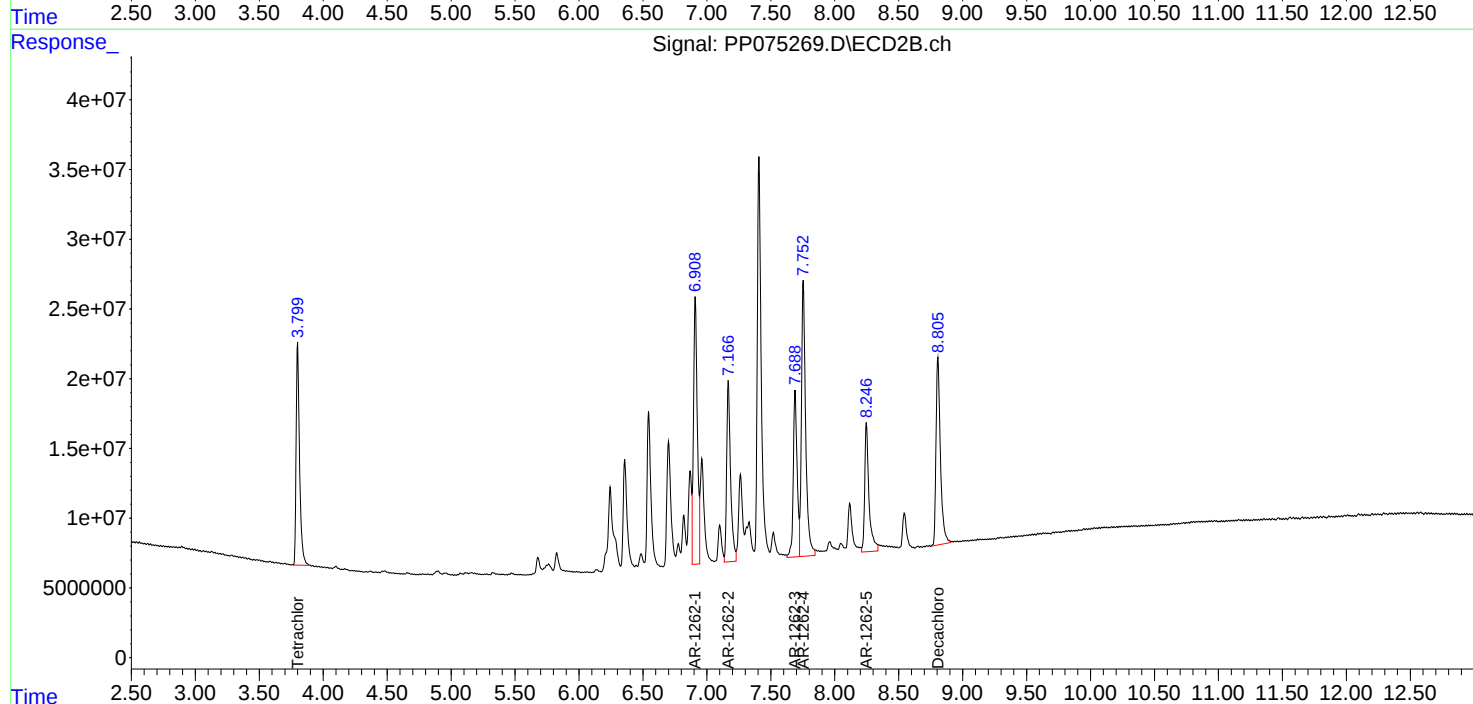
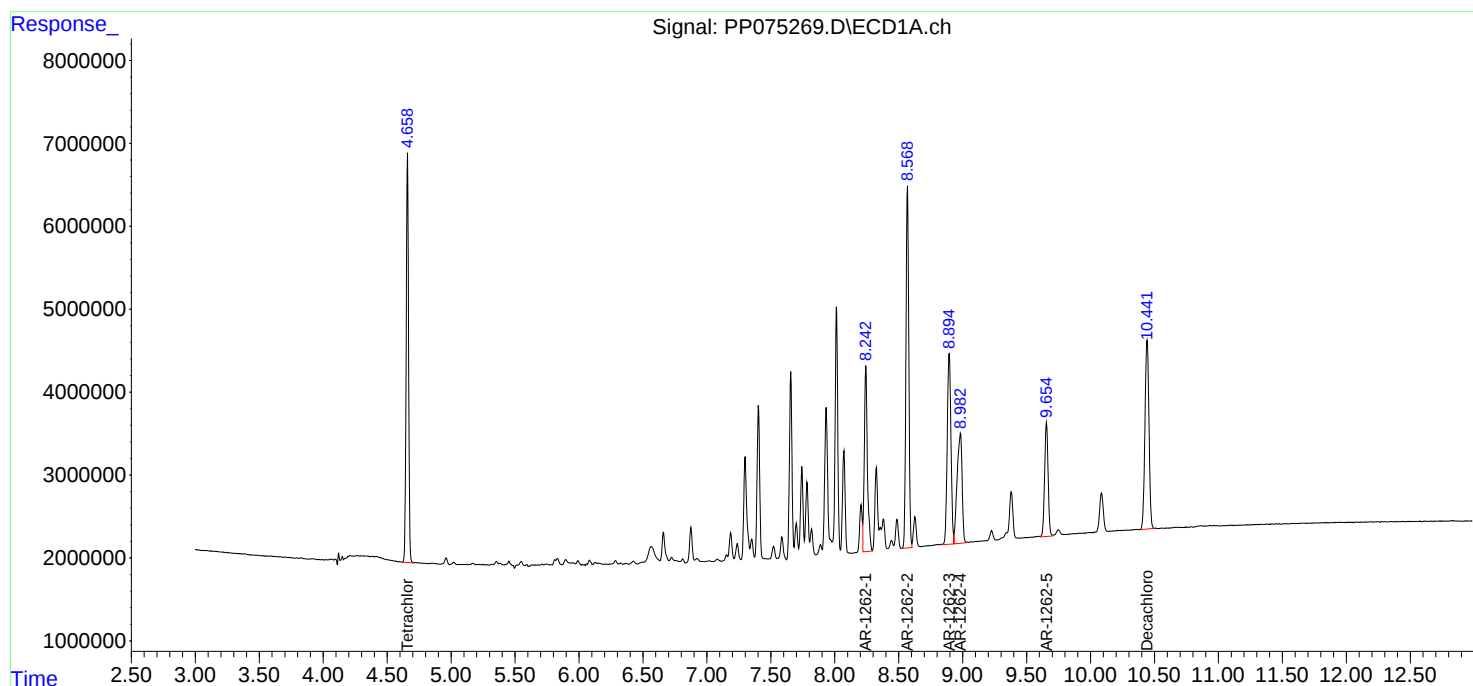
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075269.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 15:52
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: Sep 23 16:11:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:09:50 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075270.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 16:09
 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: Sep 23 17:03:25 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 16:59:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.799	127.9E6	656.7E6	95.826	99.444
2) SA Decachlor...	10.442	8.807	165.7E6	1209.5E6	94.811	99.431
Target Compounds						
41) L9 AR-1268-1	8.890	7.690	152.9E6	1460.2E6	949.456	967.154
42) L9 AR-1268-2	8.986	7.754	141.1E6	1471.7E6	950.525	983.689
43) L9 AR-1268-3	9.226	7.961	118.9E6	1142.5E6	951.307	977.313
44) L9 AR-1268-4	9.655	8.247	55874289	470.5E6	948.208	987.003
45) L9 AR-1268-5	10.086	8.545	373.7E6	3043.3E6	957.165	962.827

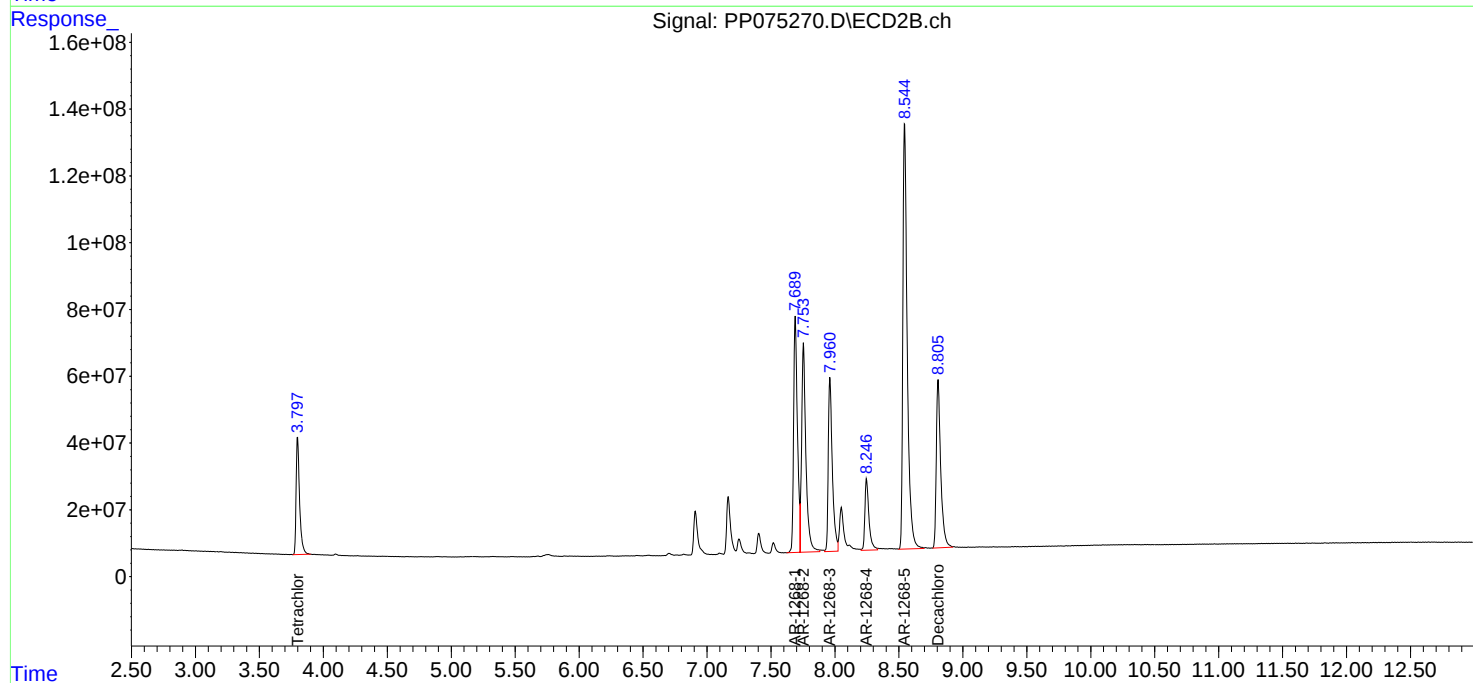
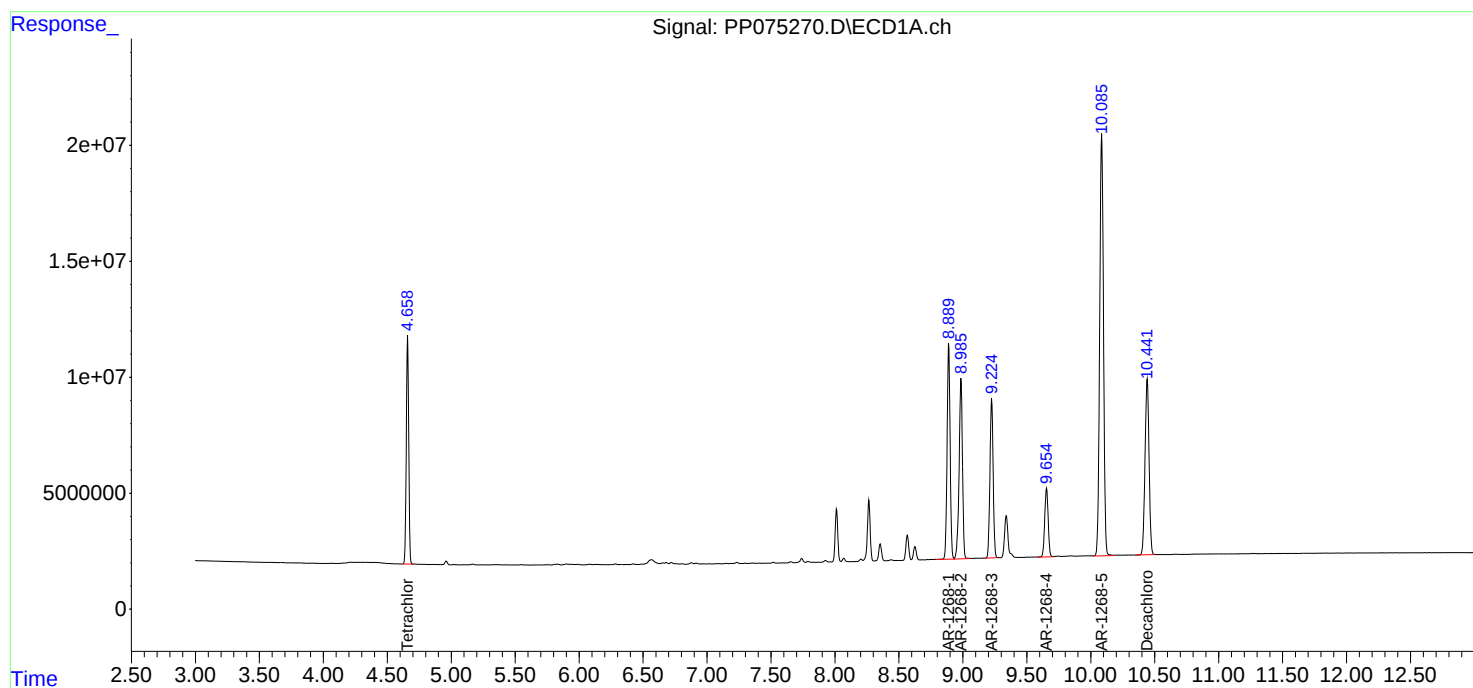
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075270.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:09
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: Sep 23 17:03:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075271.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 16:25
 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: Sep 23 17:05:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 16:59:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.799	100.1E6	497.2E6	74.976	75.187
2) SA Decachlor...	10.442	8.807	130.2E6	914.1E6	74.643	75.099
Target Compounds						
41) L9 AR-1268-1	8.892	7.690	119.8E6	1135.3E6	745.861	751.304
42) L9 AR-1268-2	8.988	7.754	110.2E6	1125.2E6	744.931	751.391
43) L9 AR-1268-3	9.228	7.962	92608920	865.0E6	743.998	743.275
44) L9 AR-1268-4	9.656	8.248	43848213	354.7E6	746.070	746.016
45) L9 AR-1268-5	10.088	8.546	291.3E6	2388.6E6	747.392	753.776

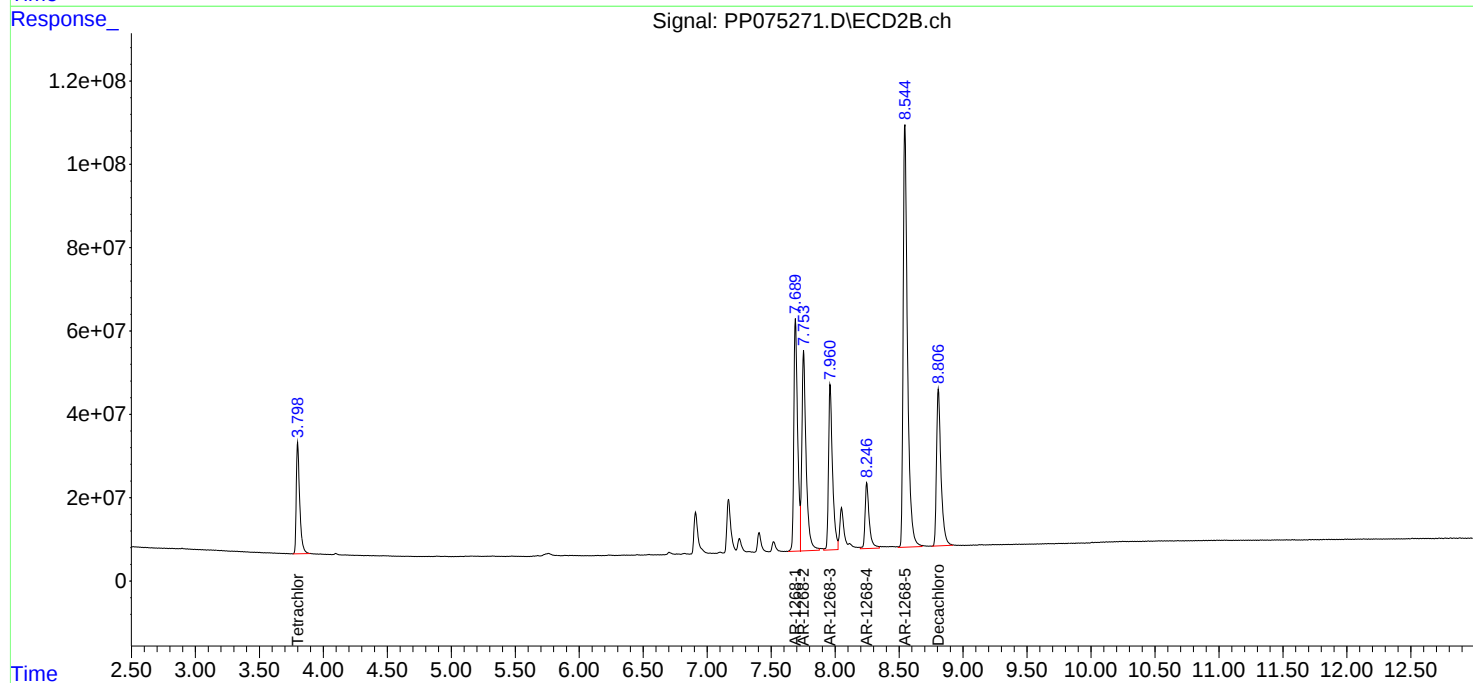
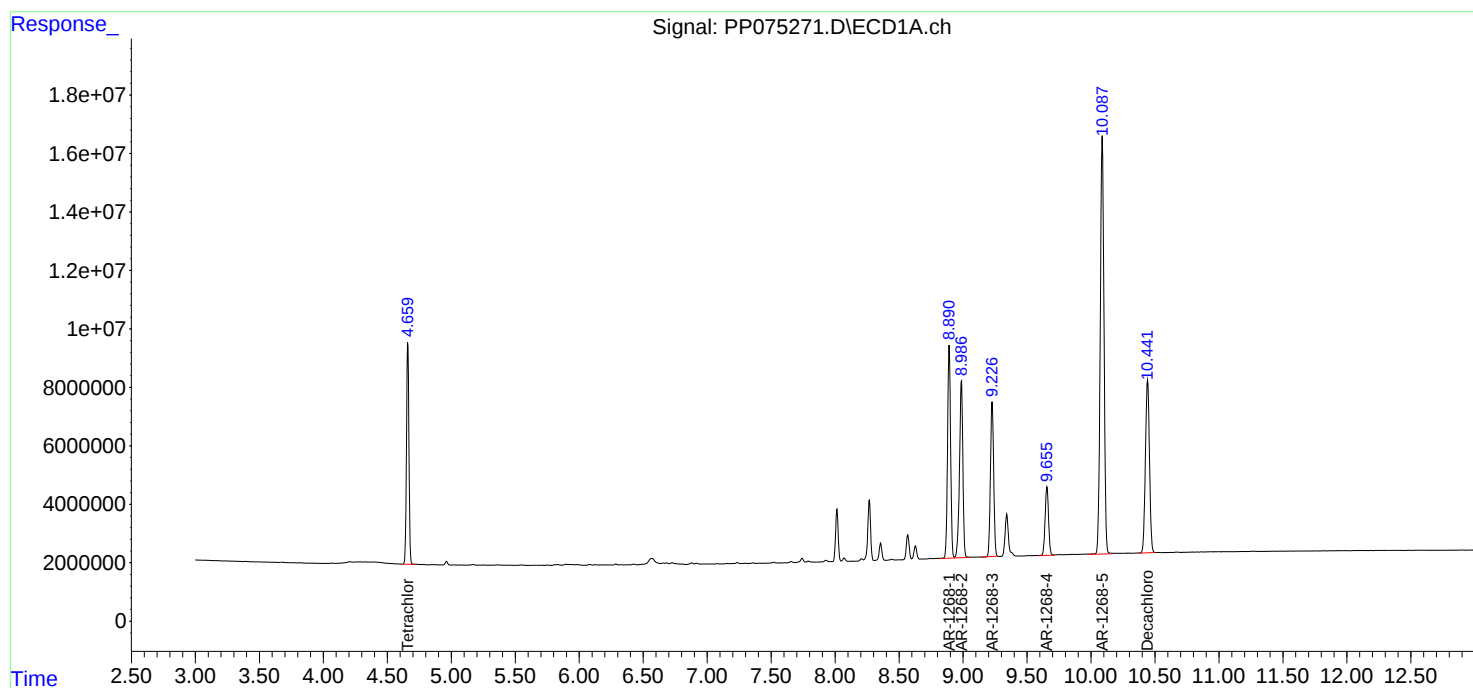
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075271.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:25
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: Sep 23 17:05:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075272.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 16:41
 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: Sep 23 17:00:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 16:59:51 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.799	69528834	332.0E6	50.000	50.000
2) SA Decachlor...	10.443	8.806	91941579	611.7E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.891	7.689	84580336	779.7E6	500.000	500.000
42) L9 AR-1268-2	8.987	7.753	77912875	760.2E6	500.000	500.000
43) L9 AR-1268-3	9.228	7.960	65529058	597.8E6	500.000	500.000
44) L9 AR-1268-4	9.655	8.246	30989057	241.5E6	500.000	500.000
45) L9 AR-1268-5	10.087	8.545	203.6E6	1639.2E6	500.000	500.000

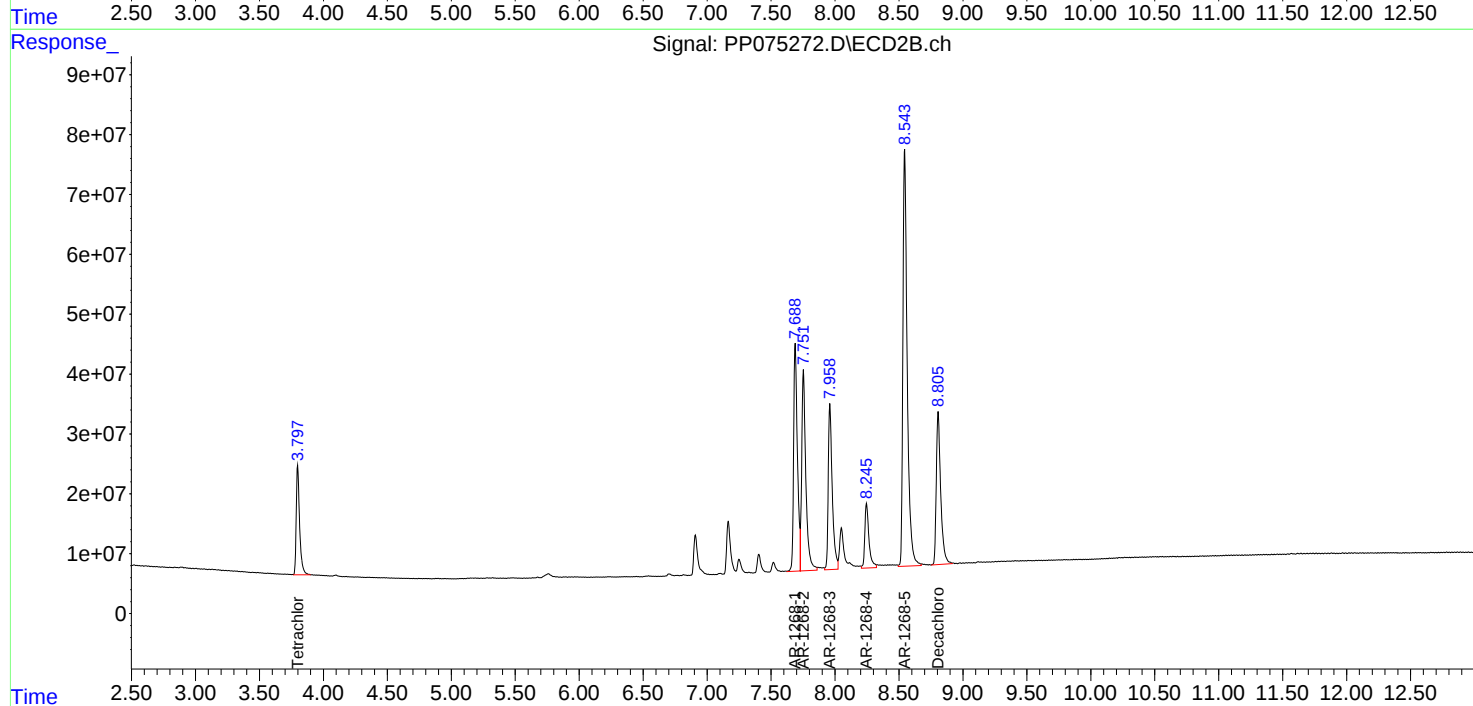
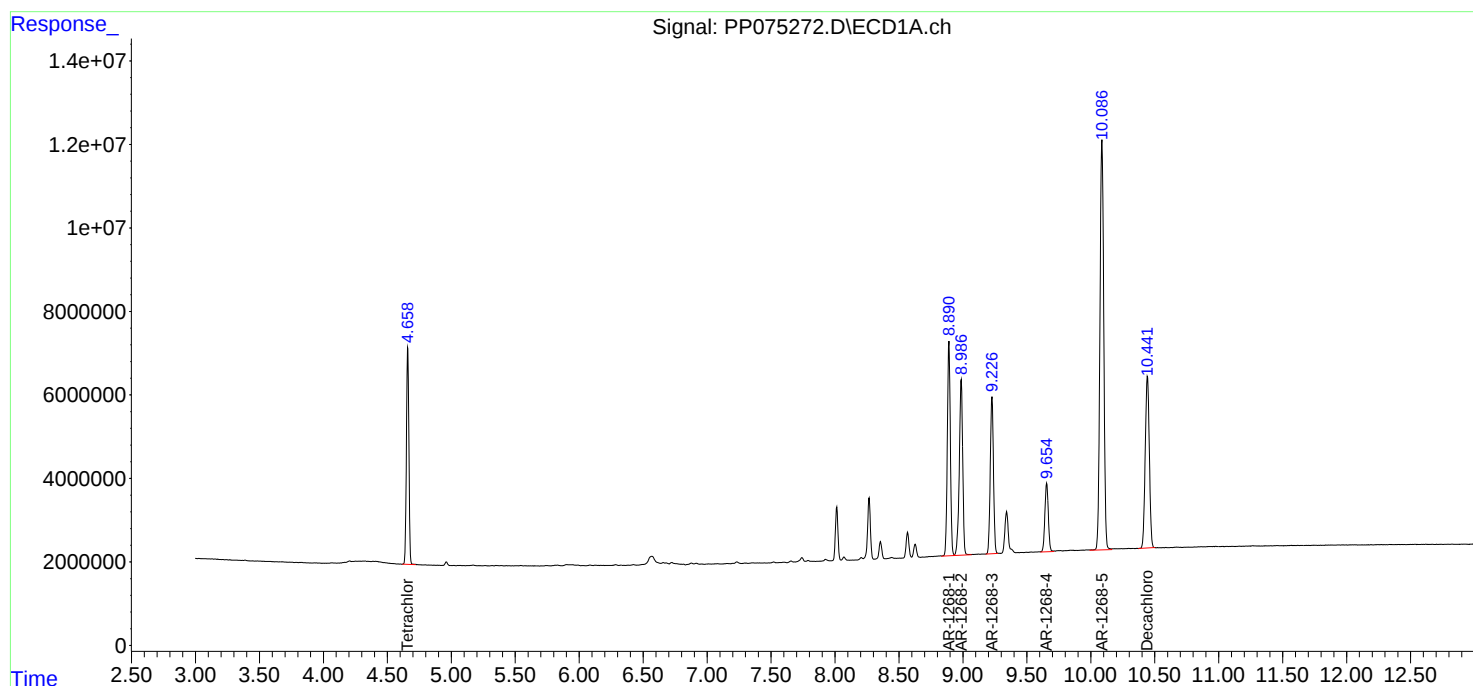
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075272.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:41
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: Sep 23 17:00:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 16:59:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075273.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 16:58
 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: Sep 23 17:12:32 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 17:12:18 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.796	34379611	151.4E6	25.565	23.393
2) SA Decachlor...	10.439	8.804	46278136	303.1E6	26.135	24.927
Target Compounds						
41) L9 AR-1268-1	8.889	7.687	42980575	365.2E6	263.015	243.698
42) L9 AR-1268-2	8.984	7.751	39128437	345.6E6	260.660	235.330
43) L9 AR-1268-3	9.225	7.958	32512368	273.5E6	258.304	238.576
44) L9 AR-1268-4	9.653	8.245	15247313	115.2E6	257.007	244.227
45) L9 AR-1268-5	10.085	8.542	101.3E6	821.3E6	257.365	256.819

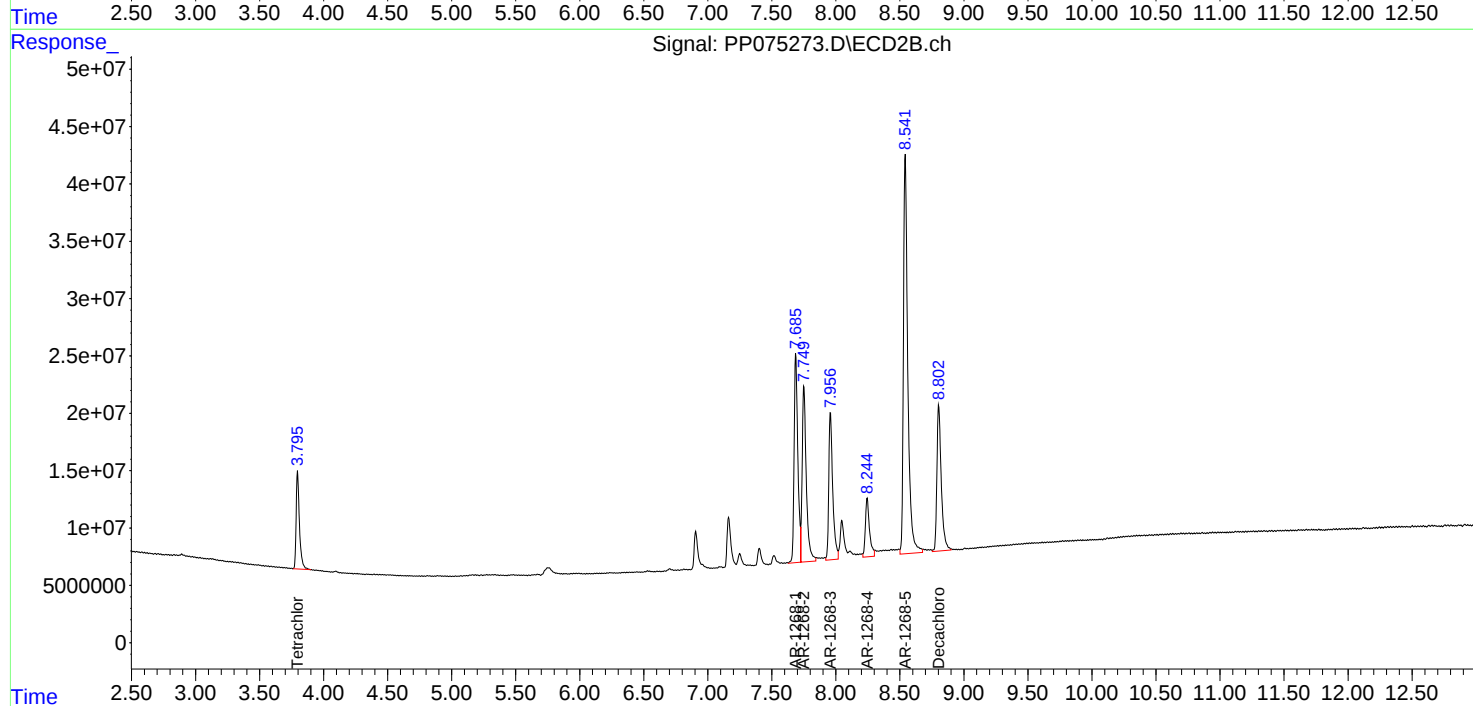
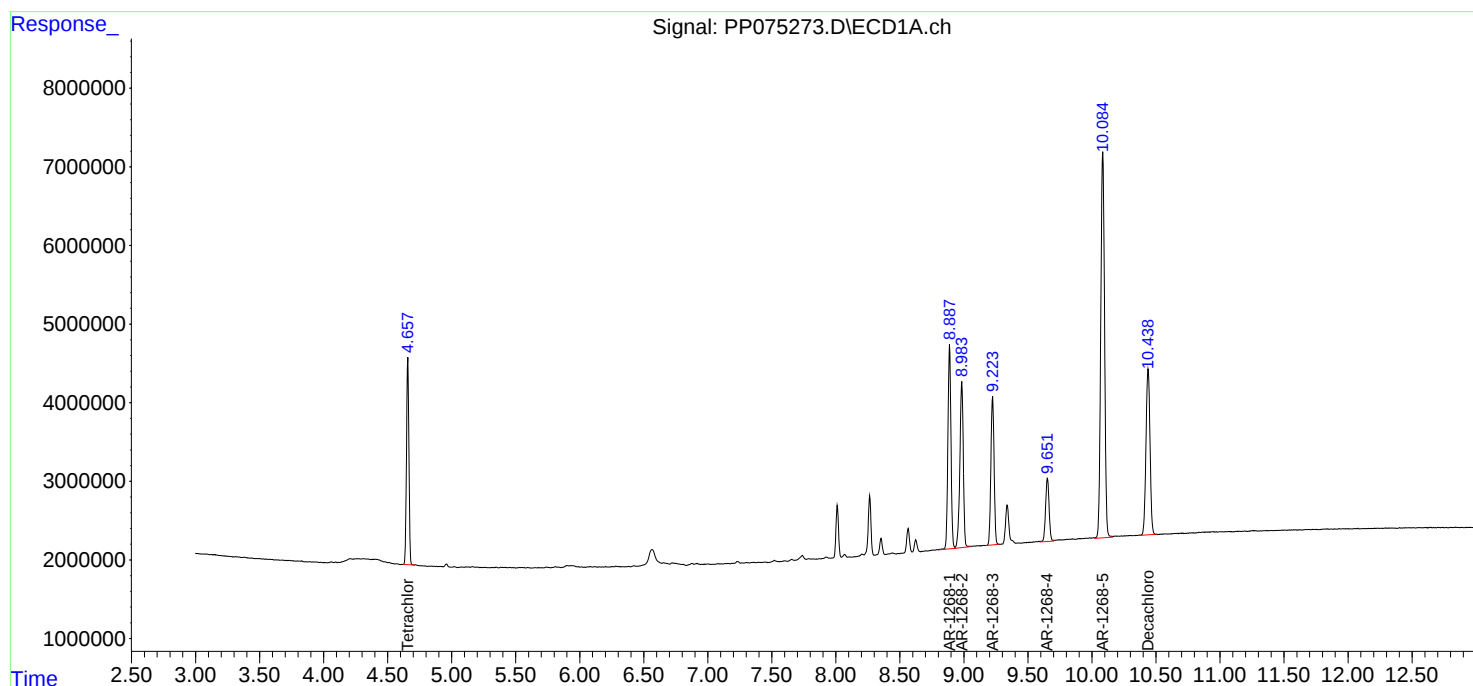
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075273.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 16:58
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: Sep 23 17:12:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:12:18 2025
Response via : 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\PP092325\
 Data File : PP075274.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 17:14
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 17:35:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 17:35:25 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.796	6162995	20516394	4.661	3.375m#
2) SA Decachlor...	10.438	8.806	8054661	48956522	4.632	4.189
Target Compounds						
41) L9 AR-1268-1	8.887	7.689	7806652	60962197	48.257m	42.258
42) L9 AR-1268-2	8.984	7.753	7067403	54955257	47.637	39.400
43) L9 AR-1268-3	9.224	7.960	5848482	43468397	47.131	39.653m
44) L9 AR-1268-4	9.653	8.247	3041493	18125694	51.009	40.754m
45) L9 AR-1268-5	10.084	8.544	18331022	120.0E6	47.221	39.458m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075274.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 17:14
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

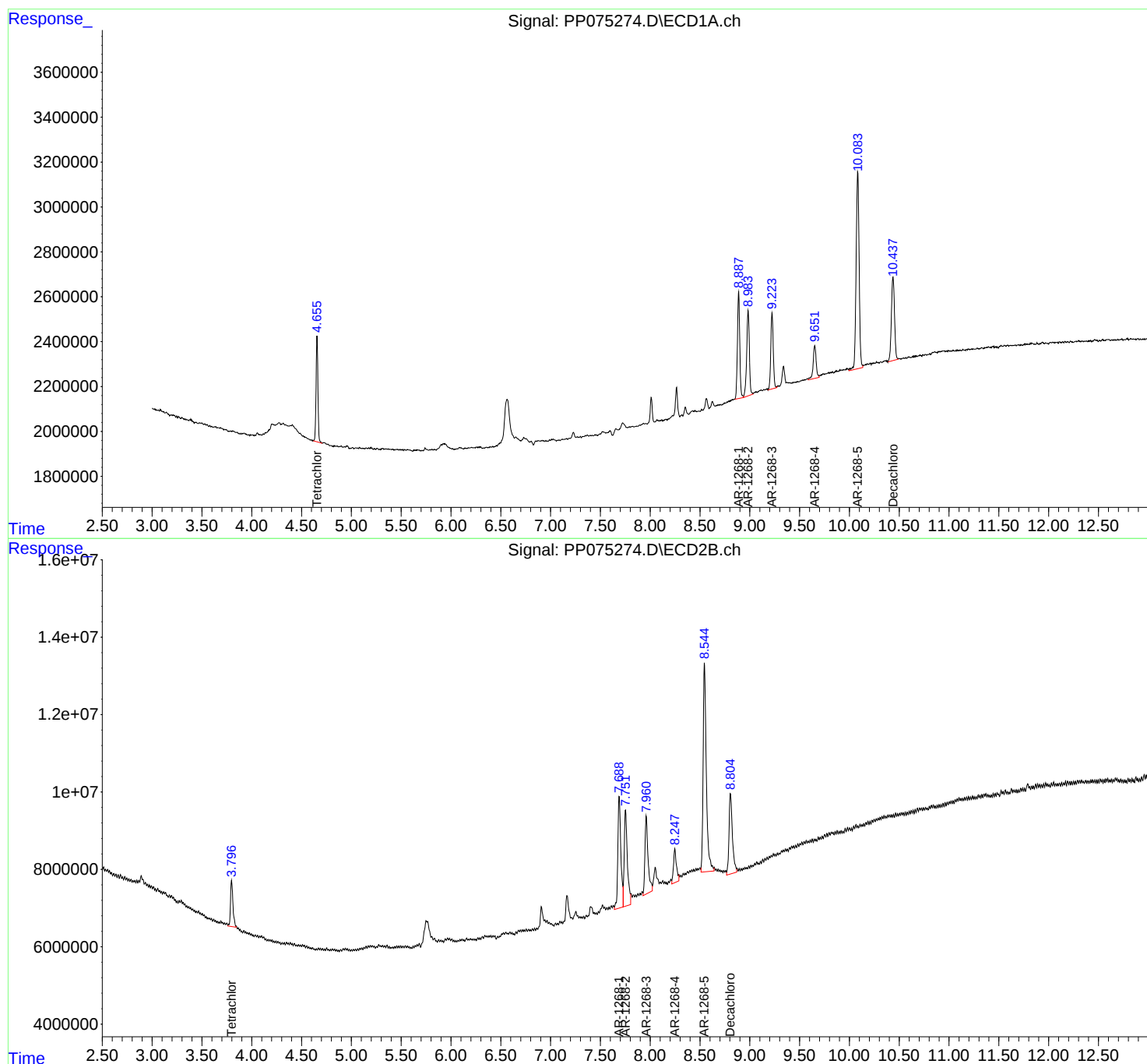
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:35:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:35:25 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075275.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 17:46
 Operator : YP\AJ
 Sample : PP092325ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP092325

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 23 18:28:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 17:43:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.663	3.799	70190259	330.4E6	53.643	54.154
2) SA Decachlor...	10.445	8.804	53037838	358.3E6	53.168	59.392m
Target Compounds						
3) L1 AR-1016-1	5.815	4.896	25480532	304.2E6	529.688	542.185
4) L1 AR-1016-2	5.836	4.953	36891066	135.1E6	514.315	525.487
5) L1 AR-1016-3	5.899	5.073	23781479	76410296	511.091	492.118
6) L1 AR-1016-4	5.996	5.114	19445011	76331861	545.646	519.377
7) L1 AR-1016-5	6.289	5.328	18500980	85017958	548.644	520.362
31) L7 AR-1260-1	7.406	6.357	33314276	213.7E6	554.134	526.554
32) L7 AR-1260-2	7.659	6.543	39216271	298.7E6	538.700	518.643
33) L7 AR-1260-3	8.017	6.697	31022586	223.0E6	572.952	520.892
34) L7 AR-1260-4	8.245	7.166	33773955	216.2E6	597.376	501.440
35) L7 AR-1260-5	8.571	7.405	61446307	573.0E6	559.578	544.665

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075275.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 17:46
Operator : YP\AJ
Sample : PP092325ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

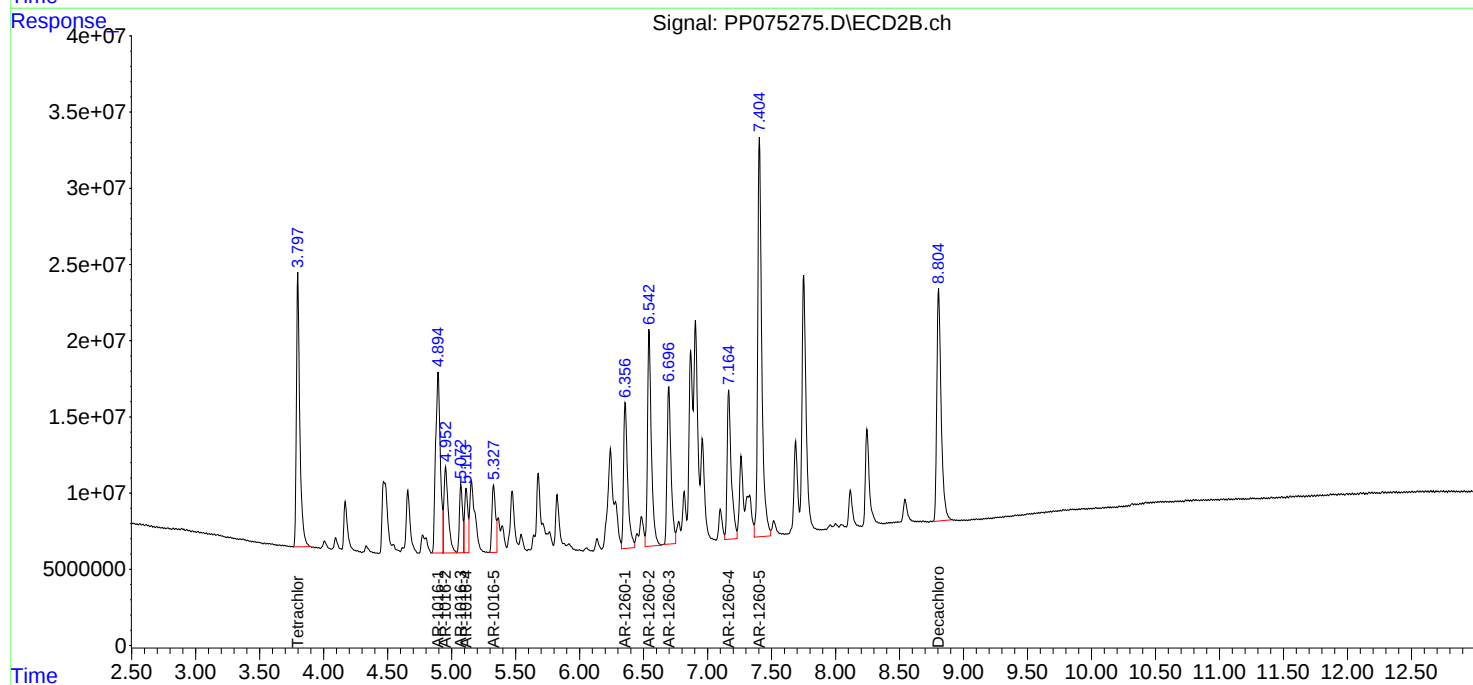
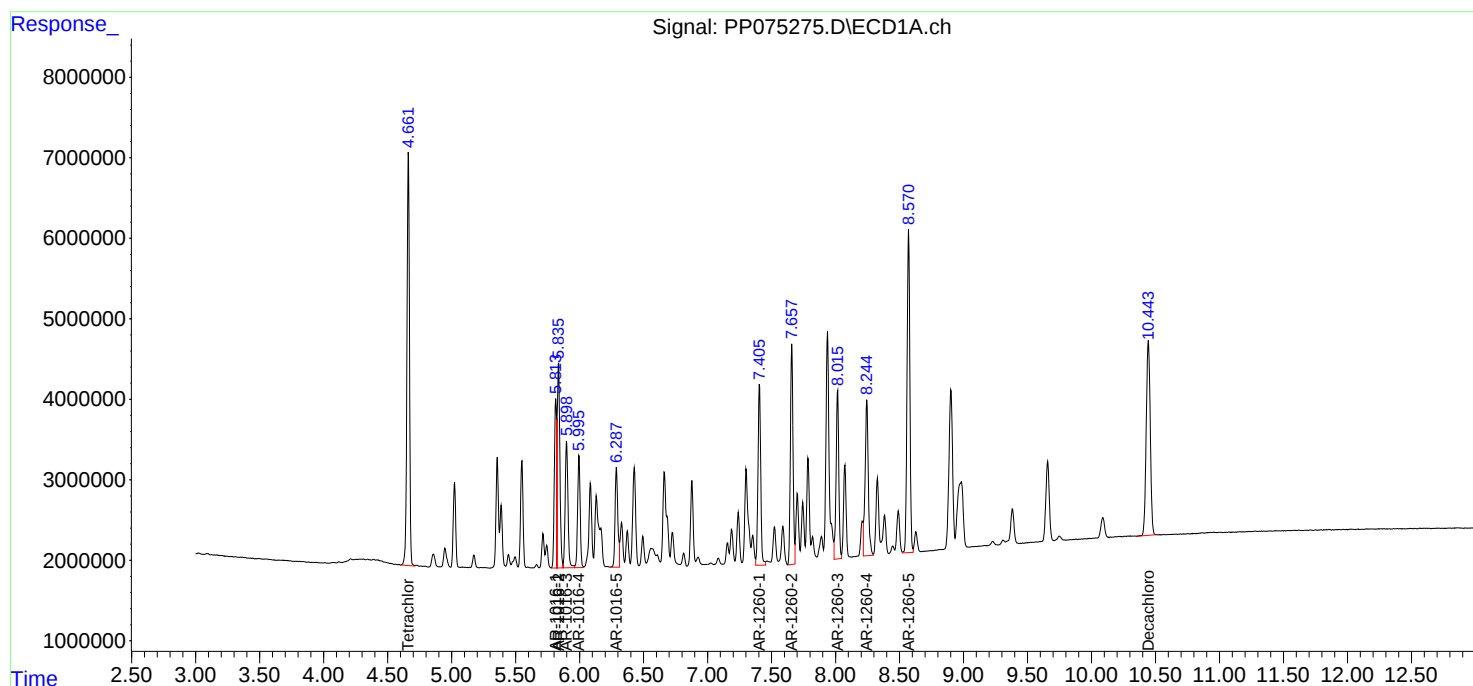
Instrument :
ECD_P
ClientSampleId :
ICVPP092325

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 18:28:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075276.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 18:35
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP092325AR1242

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:35:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 17:43:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.799	69296262	322.8E6	52.959	52.905
2) SA Decachlor...	10.440	8.803	52620761	359.1E6	52.750	59.525m
Target Compounds						
16) L4 AR-1242-1	5.812	4.896	21512826	253.0E6	516.394	541.693
17) L4 AR-1242-2	5.834	4.954	31427273	115.0E6	526.973	550.426
18) L4 AR-1242-3	5.897	5.074	20323849	64997022	502.739	532.921
19) L4 AR-1242-4	5.993	5.155	16403438	83515061	521.837	524.950m
20) L4 AR-1242-5	6.723	5.676	18943732	103.0E6	538.853	528.983

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075276.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 18:35
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 12 Sample Multiplier: 1

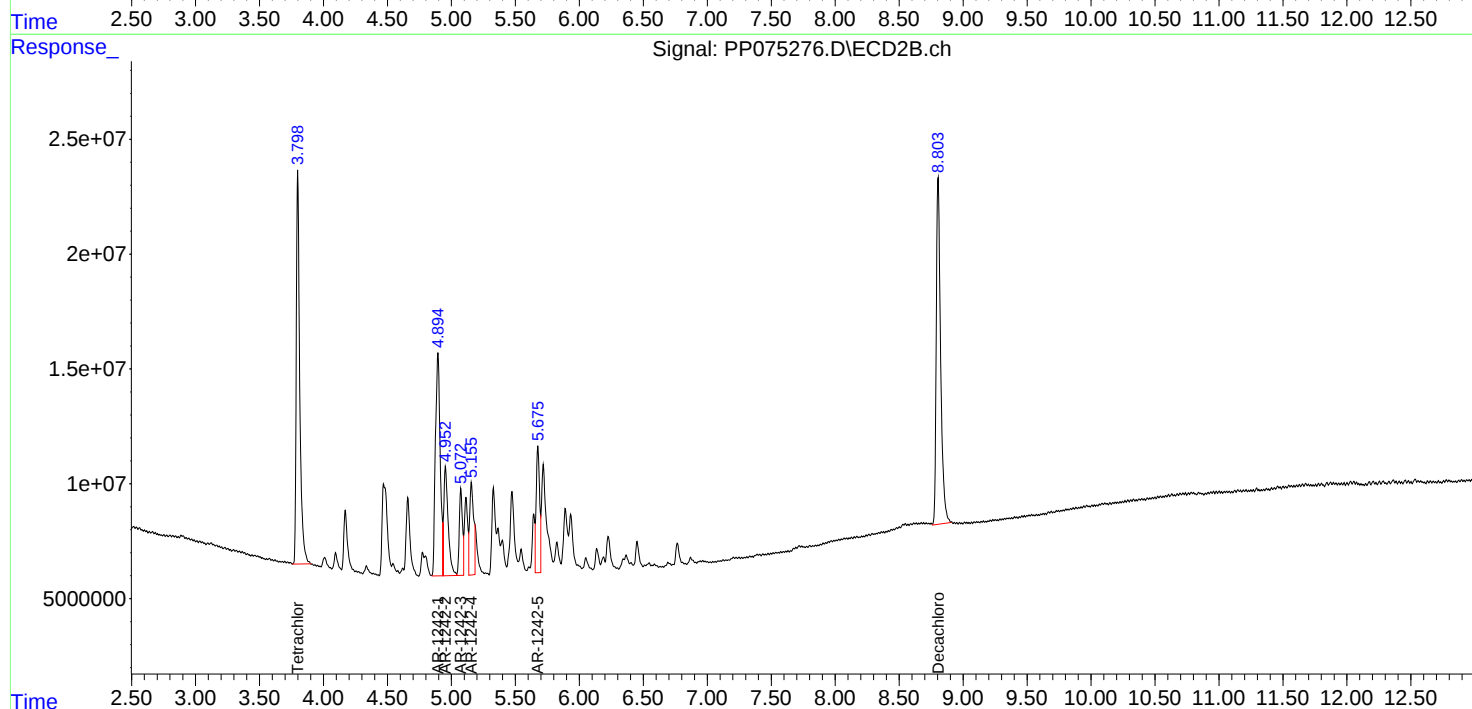
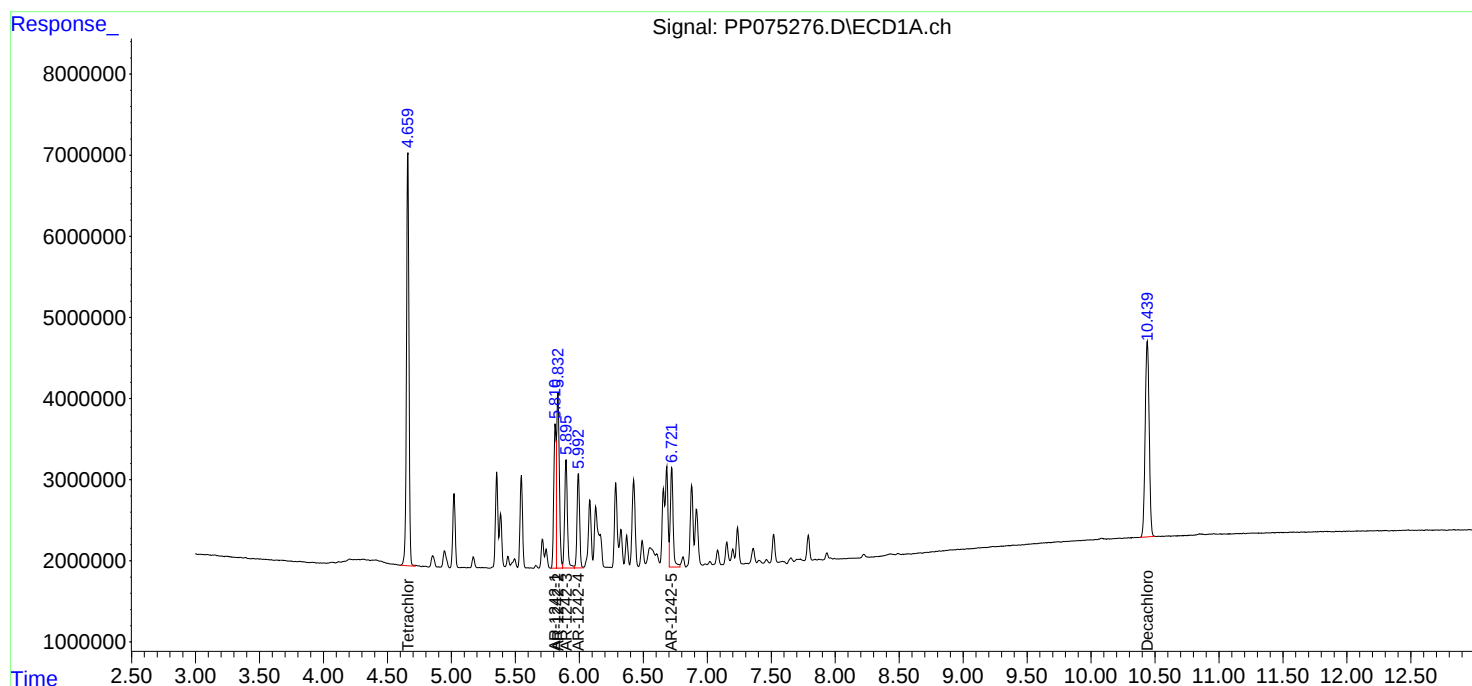
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1242

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:35:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 19:08
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP092325AR1248

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:30:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 23 17:43:53 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.798	67690061	321.9E6	51.732	52.757
2) SA Decachlor...	10.441	8.804	52715950	361.4E6	52.846	59.916m
Target Compounds						
21) L5 AR-1248-1	5.811	4.894	16390127	167.0E6	519.336	555.702
22) L5 AR-1248-2	6.082	5.114	22503142	105.0E6	518.888	518.581
23) L5 AR-1248-3	6.285	5.154	25155093	135.3E6	526.712	541.550m
24) L5 AR-1248-4	6.683	5.327	30695144	119.4E6	519.272	513.196
25) L5 AR-1248-5	6.723	5.718	29807919	227.8E6	504.369	557.543

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075277.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:08
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 17 Sample Multiplier: 1

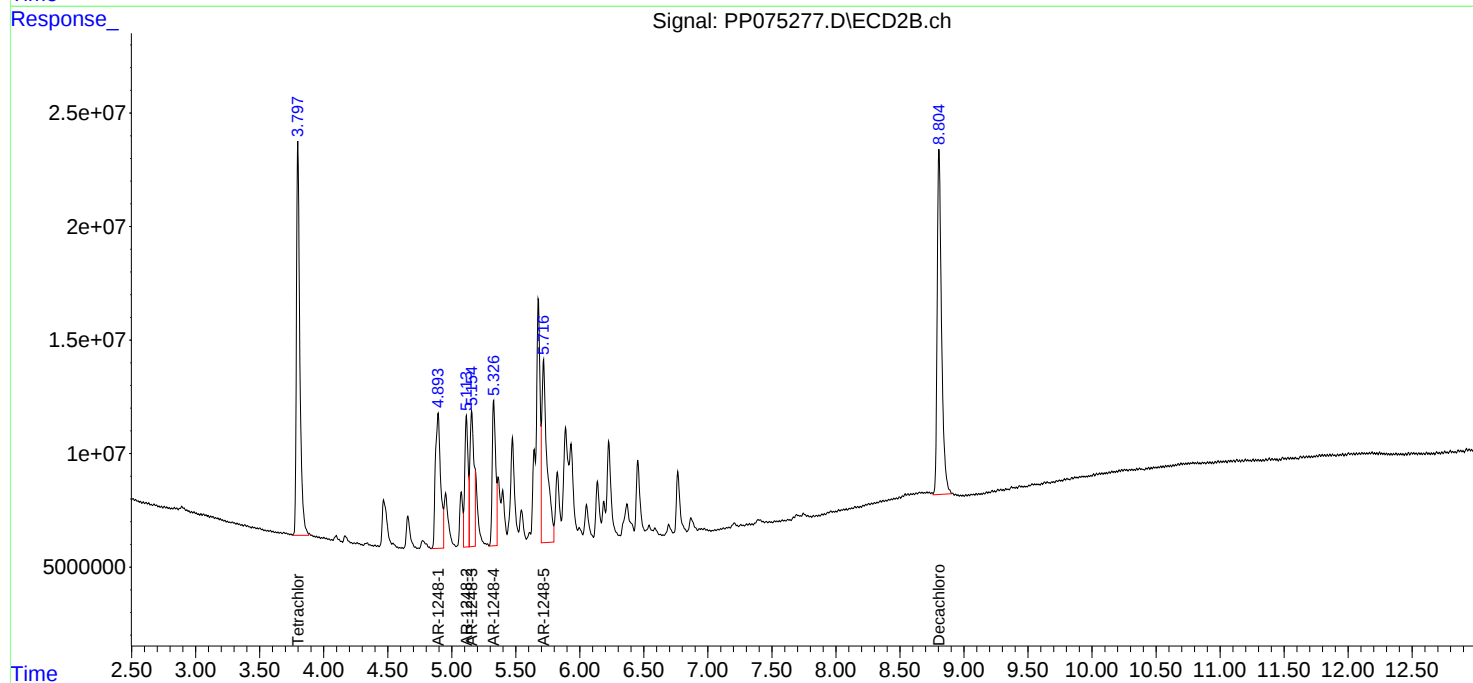
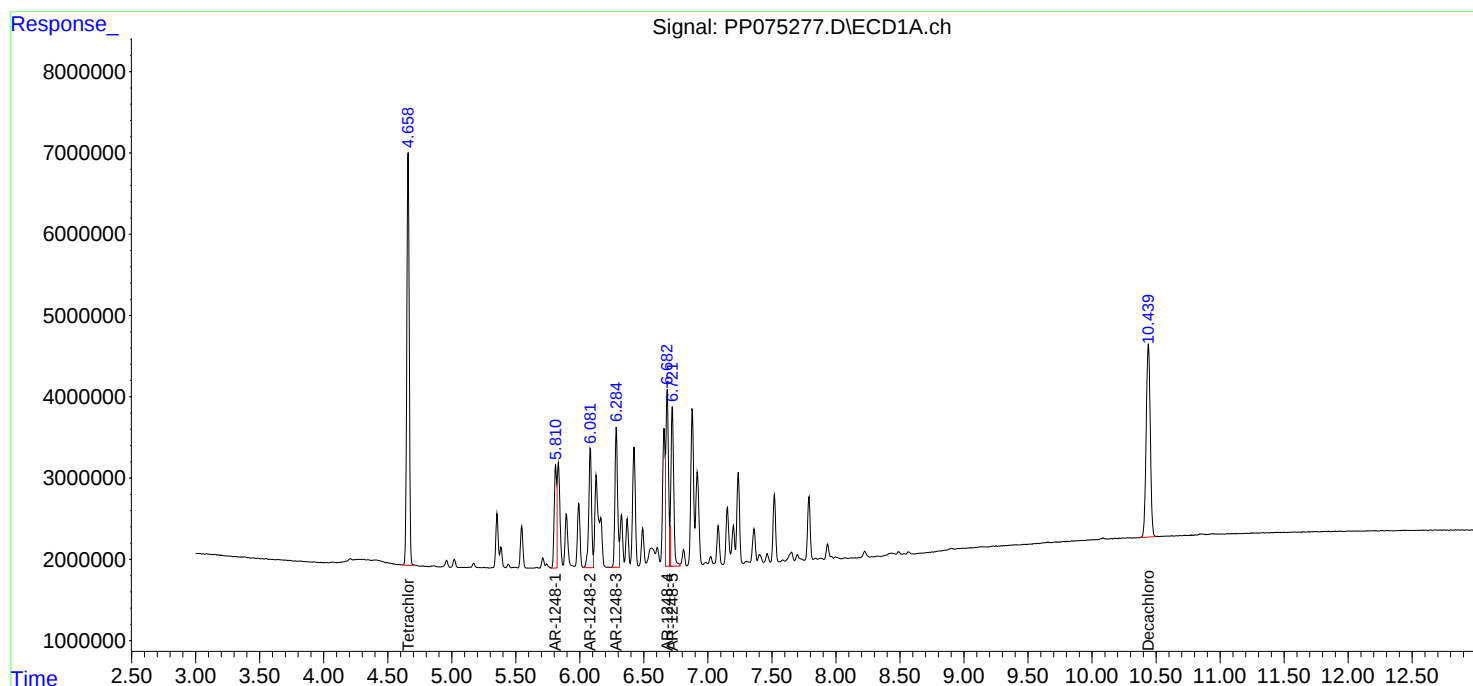
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1248

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:30:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : 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\PP092325\
 Data File : PP075278.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 19:40
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP092325AR1254

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 05:12:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 24 05:07:55 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.799	68095844	321.3E6	52.042	52.664
2) SA Decachlor...	10.441	8.804	51811352	358.5E6	51.939	59.429m
Target Compounds						
26) L6 AR-1254-1	6.659	5.678	28467743	276.6E6	443.257m	554.578 #
27) L6 AR-1254-2	6.876	5.826	43938129	209.1E6	511.302	523.737
28) L6 AR-1254-3	7.238	6.227	46807513	363.2E6	506.453	546.317
29) L6 AR-1254-4	7.520	6.454	36595686	272.7E6	512.909	552.441
30) L6 AR-1254-5	7.936	6.870	43699326	290.3E6	534.174	508.619

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075278.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:40
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 22 Sample Multiplier: 1

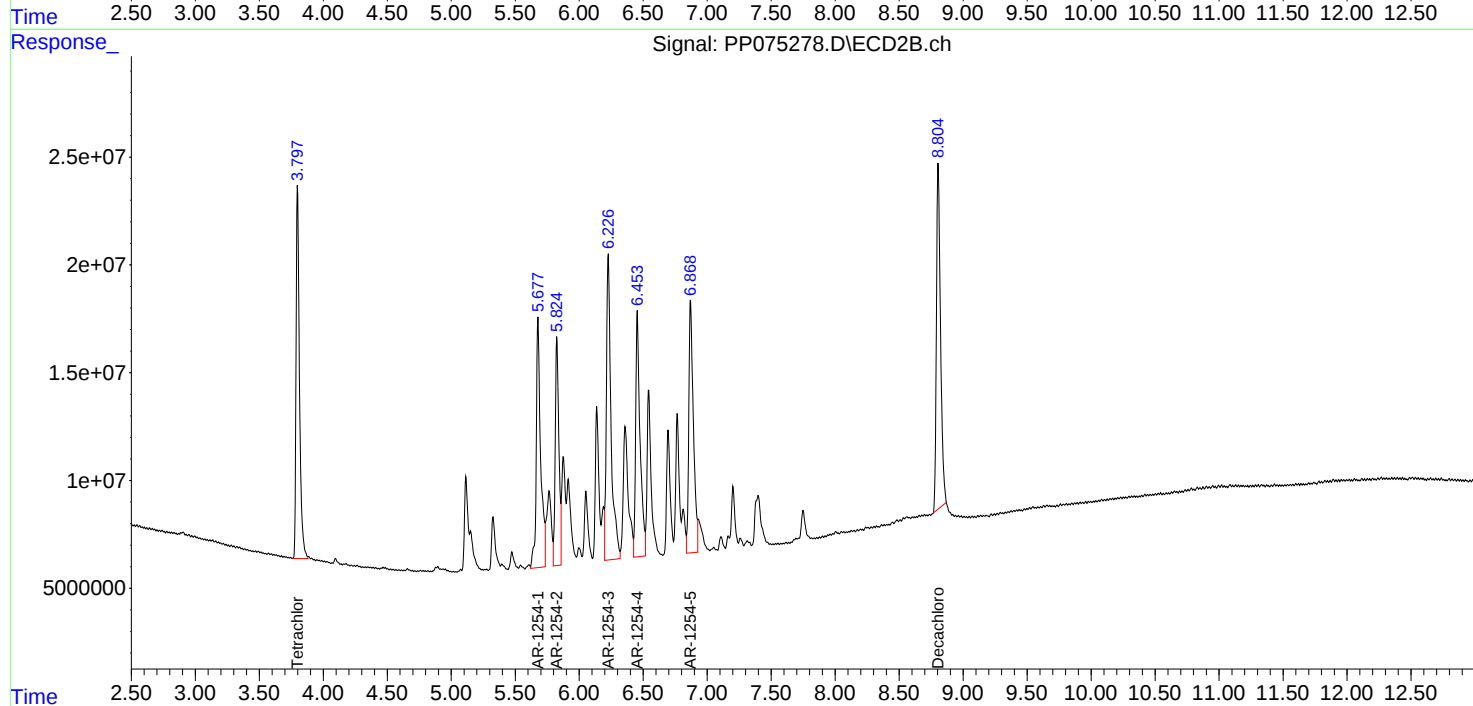
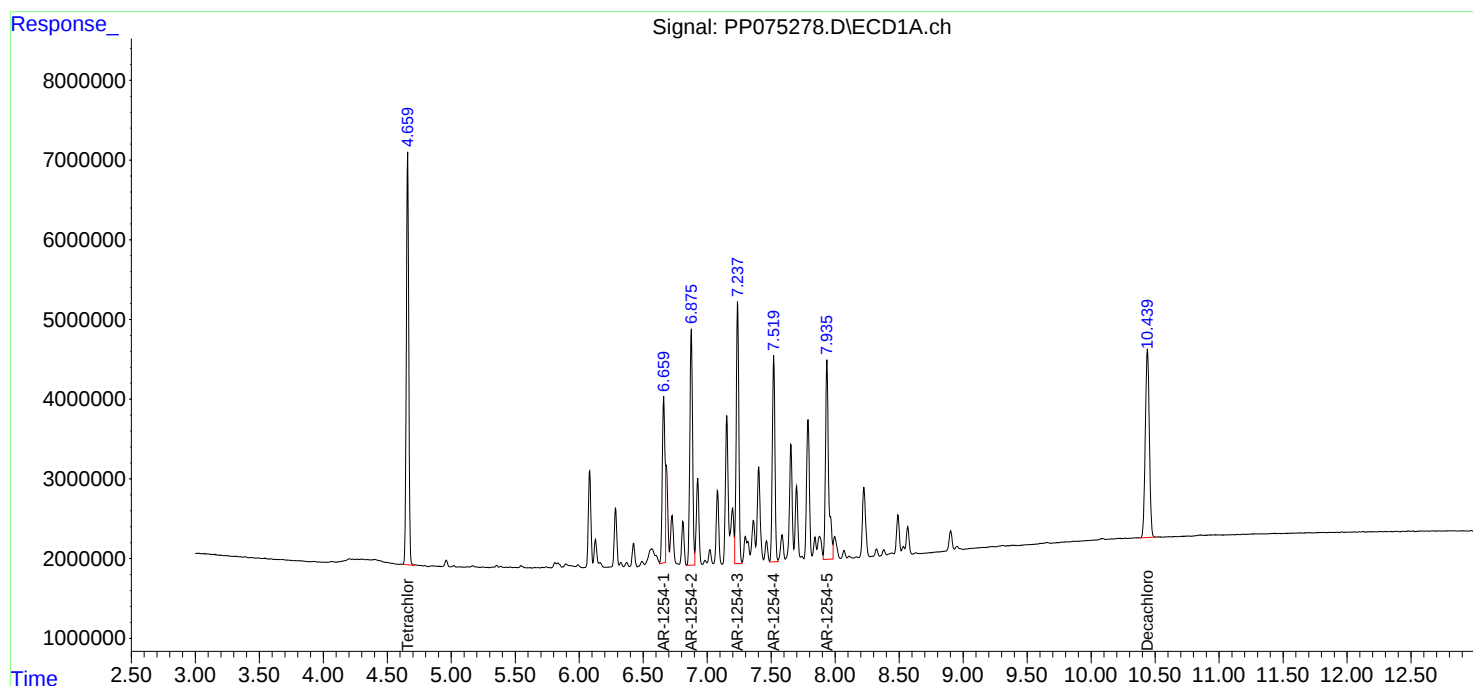
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1254

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 05:12:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 05:07:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
 Data File : PP075279.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Sep 2025 19:57
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP092325AR1268

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/24/2025
 Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:49:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 24 04:47:34 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.799	71353406	332.9E6	53.960	55.485
2) SA Decachlor...	10.440	8.804	92871605	696.3E6	53.411	59.581m
Target Compounds						
41) L9 AR-1268-1	8.890	7.689	89479292	799.5E6	552.483	554.201
42) L9 AR-1268-2	8.985	7.753	81657272	782.2E6	550.399	560.767
43) L9 AR-1268-3	9.226	7.960	67147736	596.0E6	541.127	546.351
44) L9 AR-1268-4	9.653	8.246	31706205	236.0E6	531.741	524.416
45) L9 AR-1268-5	10.085	8.544	206.8E6	1813.0E6	532.693	596.714

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075279.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 19:57
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

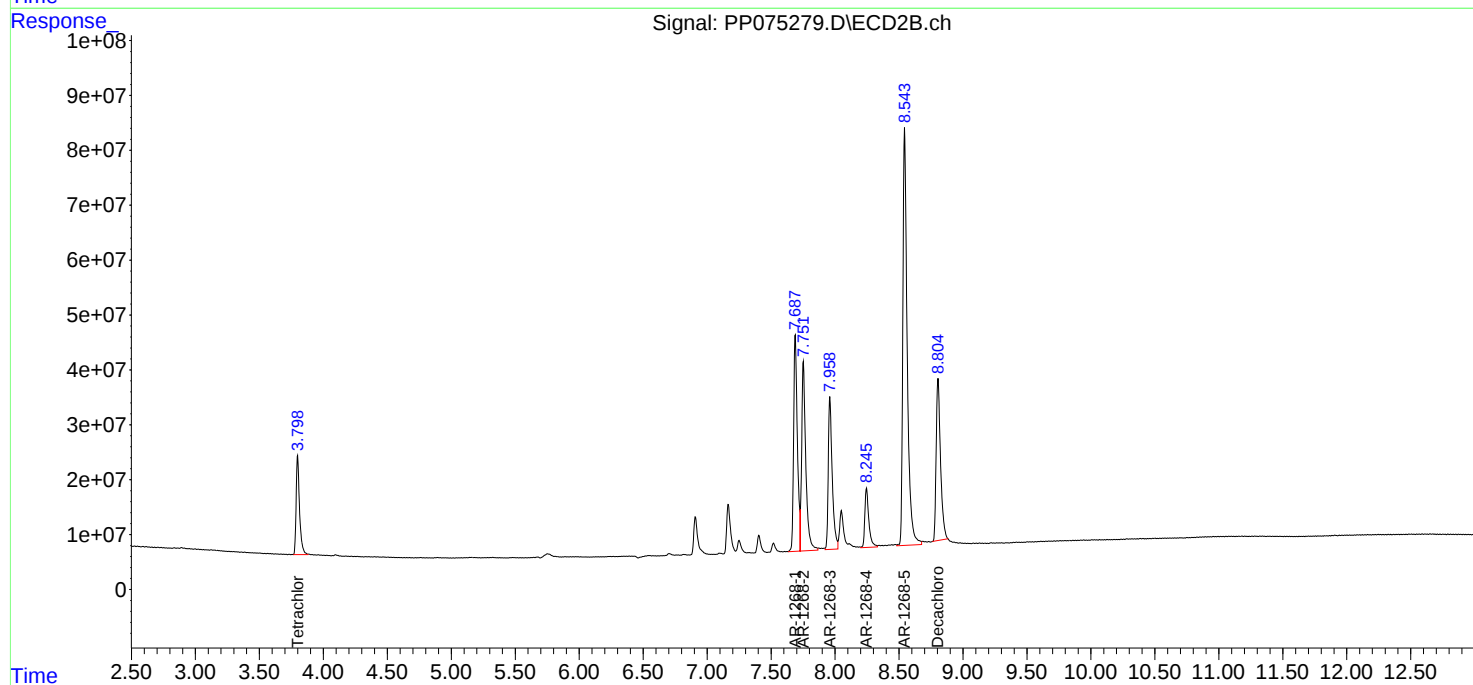
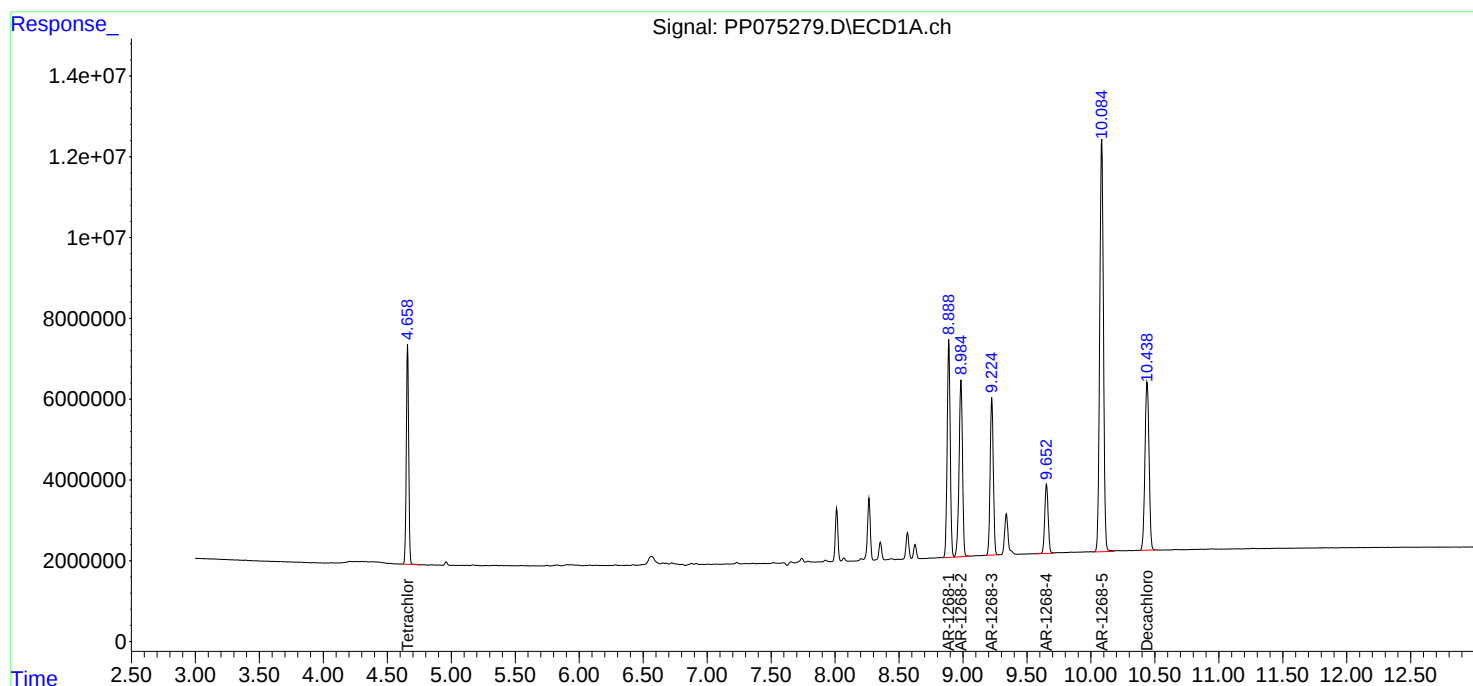
Instrument :
ECD_P
ClientSampleId :
ICVPP092325AR1268

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/24/2025
Supervised By :mohammad ahmed 09/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:49:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 04:47:34 2025
Response via : 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: CLOU03

Lab Code: ACE

SDG NO.: Q3284

Continuing Calib Date: 10/09/2025

Initial Calibration Date(s): 09/23/2025

09/23/2025

Continuing Calib Time: 20:22

Initial Calibration Time(s): 08:45

17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.79	5.81	5.71	5.91	0.02
Aroclor-1016-2	(2)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-3	(3)	5.88	5.89	5.79	5.99	0.01
Aroclor-1016-4	(4)	5.97	5.99	5.89	6.09	0.02
Aroclor-1016-5	(5)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-1	(1)	7.38	7.40	7.30	7.50	0.02
Aroclor-1260-2	(2)	7.64	7.65	7.55	7.75	0.01
Aroclor-1260-3	(3)	8.00	8.01	7.91	8.11	0.02
Aroclor-1260-4	(4)	8.22	8.24	8.14	8.34	0.02
Aroclor-1260-5	(5)	8.55	8.56	8.46	8.66	0.01
Tetrachloro-m-xylene		4.64	4.66	4.56	4.76	0.02
Decachlorobiphenyl		10.41	10.43	10.33	10.53	0.02



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CLOU03

Lab Code: ACE

SDG NO.: Q3284

Continuing Calib Date: 10/09/2025

Initial Calibration Date(s): 09/23/2025

09/23/2025

Continuing Calib Time: 20:22

Initial Calibration Time(s): 08:45

17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4	(4)	5.10	5.11	5.01	5.21	0.01
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.34	6.36	6.26	6.46	0.02
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.02
Aroclor-1260-4	(4)	7.15	7.17	7.07	7.27	0.02
Aroclor-1260-5	(5)	7.39	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CLOU03
Lab Code: ACE **SDG NO.:** Q3284
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/09/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075684.D **Time Analyzed:** 20:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.791	5.708	5.908	566.800	500.000	13.4
Aroclor-1016-2	5.815	5.729	5.929	475.710	500.000	-4.9
Aroclor-1016-3	5.878	5.792	5.992	464.110	500.000	-7.2
Aroclor-1016-4	5.974	5.889	6.089	503.270	500.000	0.7
Aroclor-1016-5	6.267	6.181	6.381	499.930	500.000	0.0
Aroclor-1260-1	7.384	7.299	7.499	450.080	500.000	-10.0
Aroclor-1260-2	7.637	7.551	7.751	439.090	500.000	-12.2
Aroclor-1260-3	7.995	7.909	8.109	471.330	500.000	-5.7
Aroclor-1260-4	8.222	8.137	8.337	488.890	500.000	-2.2
Aroclor-1260-5	8.548	8.464	8.664	488.020	500.000	-2.4
Decachlorobiphenyl	10.413	10.334	10.534	46.790	50.000	-6.4
Tetrachloro-m-xylene	4.643	4.555	4.755	43.010	50.000	-14.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CLOU03
Lab Code: ACE **SDG NO.:** Q3284
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/09/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075684.D **Time Analyzed:** 20:22

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.885	4.793	4.993	562.380	500.000	12.5
Aroclor-1016-2	4.942	4.851	5.051	602.230	500.000	20.4
Aroclor-1016-3	5.063	4.971	5.171	540.510	500.000	8.1
Aroclor-1016-4	5.103	5.011	5.211	557.870	500.000	11.6
Aroclor-1016-5	5.317	5.225	5.425	564.790	500.000	13.0
Aroclor-1260-1	6.344	6.255	6.455	450.620	500.000	-9.9
Aroclor-1260-2	6.531	6.441	6.641	455.090	500.000	-9.0
Aroclor-1260-3	6.685	6.595	6.795	438.720	500.000	-12.3
Aroclor-1260-4	7.153	7.065	7.265	399.670	500.000	-20.1
Aroclor-1260-5	7.393	7.304	7.504	420.930	500.000	-15.8
Decachlorobiphenyl	8.789	8.703	8.903	51.280	50.000	2.6
Tetrachloro-m-xylene	3.789	3.696	3.896	46.710	50.000	-6.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
 Data File : PP075684.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 20:22
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 07:35:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 24 10:55:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.643	3.789	56275728	285.0E6	43.008	46.711
2) SA Decachlor...	10.413	8.789	46678250	309.4E6	46.793	51.283
Target Compounds						
3) L1 AR-1016-1	5.791	4.885	27265815	315.5E6	566.801m	562.385
4) L1 AR-1016-2	5.815	4.942	34122084	154.8E6	475.711	602.226 #
5) L1 AR-1016-3	5.878	5.063	21595553	83923614	464.113	540.507
6) L1 AR-1016-4	5.974	5.103	17934697	81989496	503.265	557.873
7) L1 AR-1016-5	6.267	5.317	16858328	92276540	499.931	564.790
31) L7 AR-1260-1	7.384	6.344	27058475	182.9E6	450.078	450.621
32) L7 AR-1260-2	7.637	6.531	31964886	262.1E6	439.090	455.087
33) L7 AR-1260-3	7.995	6.685	25520429	187.8E6	471.334	438.721
34) L7 AR-1260-4	8.222	7.153	27640715	172.3E6	488.895	399.669
35) L7 AR-1260-5	8.548	7.393	53588635	442.8E6	488.020	420.931

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075684.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 96 Sample Multiplier: 1

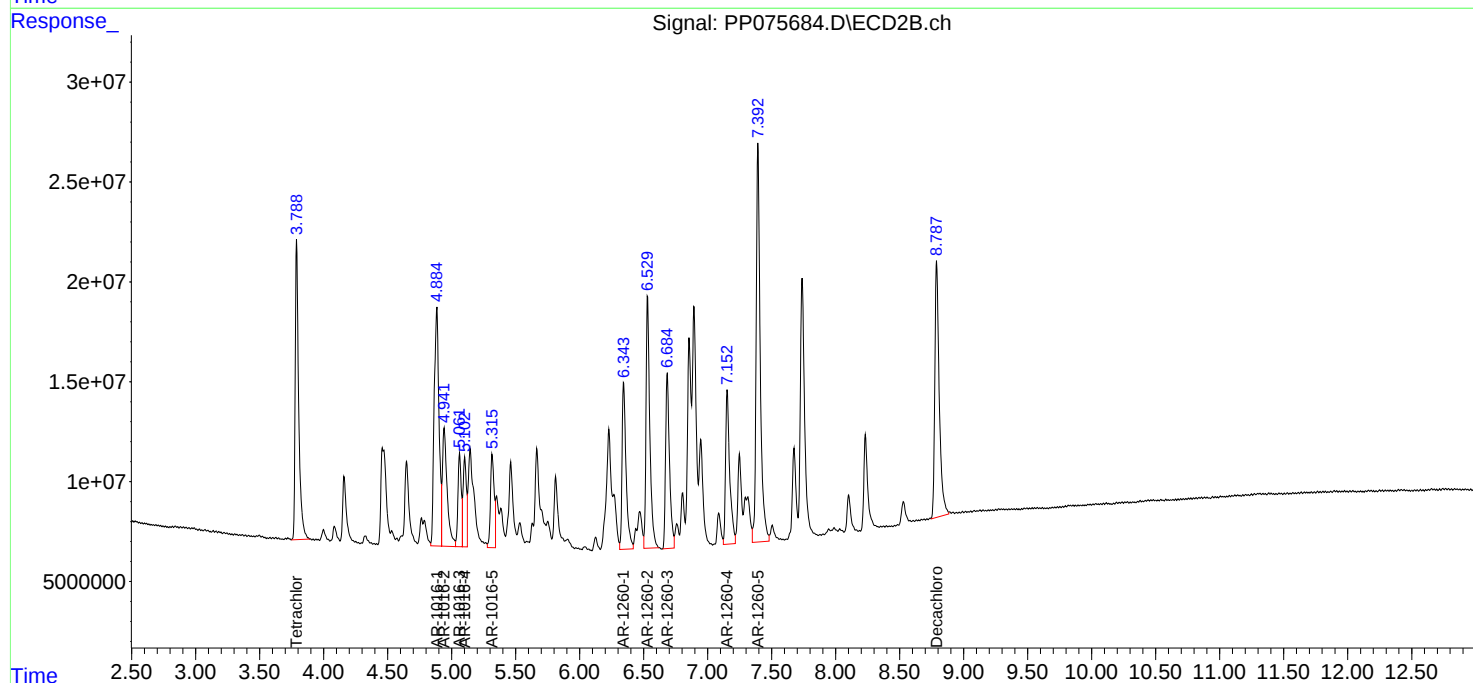
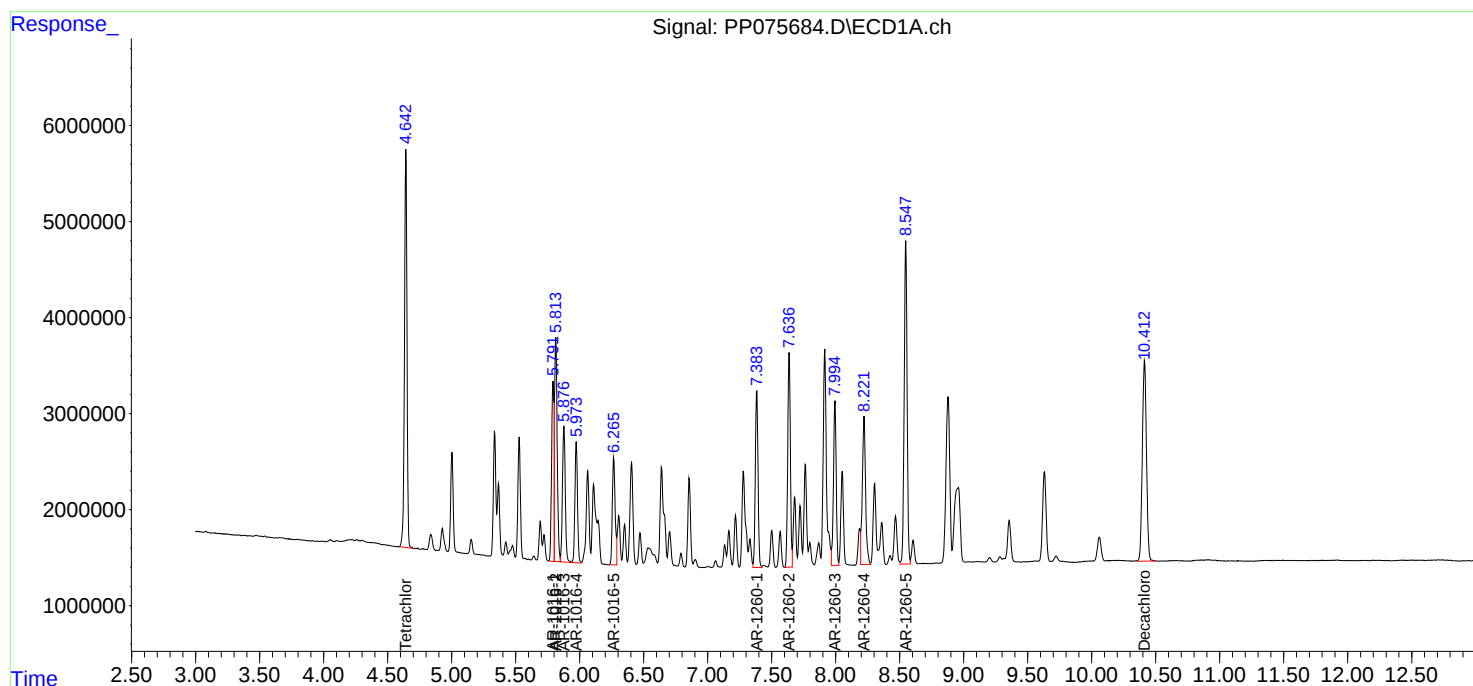
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 07:35:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CLOU03

Lab Code: ACE

SDG NO.: Q3284

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025 09/23/2025

Continuing Calib Time: 01:30

Initial Calibration Time(s): 08:45 17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.80	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.82	5.83	5.73	5.93	0.01
Aroclor-1016-3	(3)	5.89	5.89	5.79	5.99	0.00
Aroclor-1016-4	(4)	5.98	5.99	5.89	6.09	0.01
Aroclor-1016-5	(5)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-1	(1)	7.39	7.40	7.30	7.50	0.01
Aroclor-1260-2	(2)	7.64	7.65	7.55	7.75	0.01
Aroclor-1260-3	(3)	8.00	8.01	7.91	8.11	0.01
Aroclor-1260-4	(4)	8.23	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	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.42	10.43	10.33	10.53	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: CLOU03

Lab Code: ACE

SDG NO.: Q3284

Continuing Calib Date: 10/10/2025

Initial Calibration Date(s): 09/23/2025

09/23/2025

Continuing Calib Time: 01:30

Initial Calibration Time(s): 08:45

17:14

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	4.89	4.89	4.79	4.99	0.00
Aroclor-1016-2	(2)	4.94	4.95	4.85	5.05	0.01
Aroclor-1016-3	(3)	5.06	5.07	4.97	5.17	0.01
Aroclor-1016-4	(4)	5.11	5.11	5.01	5.21	0.00
Aroclor-1016-5	(5)	5.32	5.33	5.23	5.43	0.01
Aroclor-1260-1	(1)	6.35	6.36	6.26	6.46	0.01
Aroclor-1260-2	(2)	6.53	6.54	6.44	6.64	0.01
Aroclor-1260-3	(3)	6.69	6.70	6.60	6.80	0.01
Aroclor-1260-4	(4)	7.16	7.17	7.07	7.27	0.01
Aroclor-1260-5	(5)	7.40	7.40	7.30	7.50	0.01
Tetrachloro-m-xylene		3.79	3.80	3.70	3.90	0.01
Decachlorobiphenyl		8.79	8.80	8.70	8.90	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** CLOU03
Lab Code: ACE **SDG NO.:** Q3284
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 09/23/2025 09/23/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/10/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP075698.D **Time Analyzed:** 01:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.801	5.708	5.908	507.960	500.000	1.6
Aroclor-1016-2	5.823	5.729	5.929	504.130	500.000	0.8
Aroclor-1016-3	5.885	5.792	5.992	489.210	500.000	-2.2
Aroclor-1016-4	5.982	5.889	6.089	529.650	500.000	5.9
Aroclor-1016-5	6.274	6.181	6.381	538.510	500.000	7.7
Aroclor-1260-1	7.392	7.299	7.499	495.670	500.000	-0.9
Aroclor-1260-2	7.644	7.551	7.751	486.500	500.000	-2.7
Aroclor-1260-3	8.002	7.909	8.109	524.410	500.000	4.9
Aroclor-1260-4	8.230	8.137	8.337	543.930	500.000	8.8
Aroclor-1260-5	8.555	8.464	8.664	534.490	500.000	6.9
Decachlorobiphenyl	10.421	10.334	10.534	51.070	50.000	2.1
Tetrachloro-m-xylene	4.648	4.555	4.755	44.410	50.000	-11.2



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance Contract: CLOU03

Lab Code: ACE SDG NO.: Q3284

GC Column: ZB-MR2 ID: 0.32 (mm) Initi. Calib. Date(s): 09/23/2025 09/23/2025

Client Sample No.: CCAL02 Date Analyzed: 10/10/2025

Lab Sample No.: AR1660CCC500 Data File : PP075698.D Time Analyzed: 01:30

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.888	4.793	4.993	587.780	500.000	17.6
Aroclor-1016-2	4.944	4.851	5.051	576.750	500.000	15.4
Aroclor-1016-3	5.064	4.971	5.171	577.650	500.000	15.5
Aroclor-1016-4	5.106	5.011	5.211	574.140	500.000	14.8
Aroclor-1016-5	5.320	5.225	5.425	548.320	500.000	9.7
Aroclor-1260-1	6.347	6.255	6.455	505.490	500.000	1.1
Aroclor-1260-2	6.534	6.441	6.641	515.250	500.000	3.1
Aroclor-1260-3	6.687	6.595	6.795	502.890	500.000	0.6
Aroclor-1260-4	7.155	7.065	7.265	476.570	500.000	-4.7
Aroclor-1260-5	7.395	7.304	7.504	510.360	500.000	2.1
Decachlorobiphenyl	8.790	8.703	8.903	56.330	50.000	12.7
Tetrachloro-m-xylene	3.793	3.696	3.896	47.410	50.000	-5.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
 Data File : PP075698.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 01:30
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:01:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 24 10:55:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.648	3.793	58111181	289.2E6	44.411m	47.406
2) SA Decachlor...	10.421	8.790	50941135	339.8E6	51.066	56.330
Target Compounds						
3) L1 AR-1016-1	5.801	4.888	24435115	329.8E6	507.956	587.784
4) L1 AR-1016-2	5.823	4.944	36160570	148.2E6	504.130	576.753m
5) L1 AR-1016-3	5.885	5.064	22763156	89690640	489.206	577.649
6) L1 AR-1016-4	5.982	5.106	18875113	84380012	529.654	574.139
7) L1 AR-1016-5	6.274	5.320	18159263	89585922	538.510	548.321
31) L7 AR-1260-1	7.392	6.347	29799652	205.2E6	495.674	505.492
32) L7 AR-1260-2	7.644	6.534	35416139	296.7E6	486.499	515.253
33) L7 AR-1260-3	8.002	6.687	28394167	215.3E6	524.408	502.892
34) L7 AR-1260-4	8.230	7.155	30751986	205.5E6	543.925	476.569
35) L7 AR-1260-5	8.555	7.395	58691299	536.9E6	534.489	510.355

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075698.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 01:30
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 96 Sample Multiplier: 1

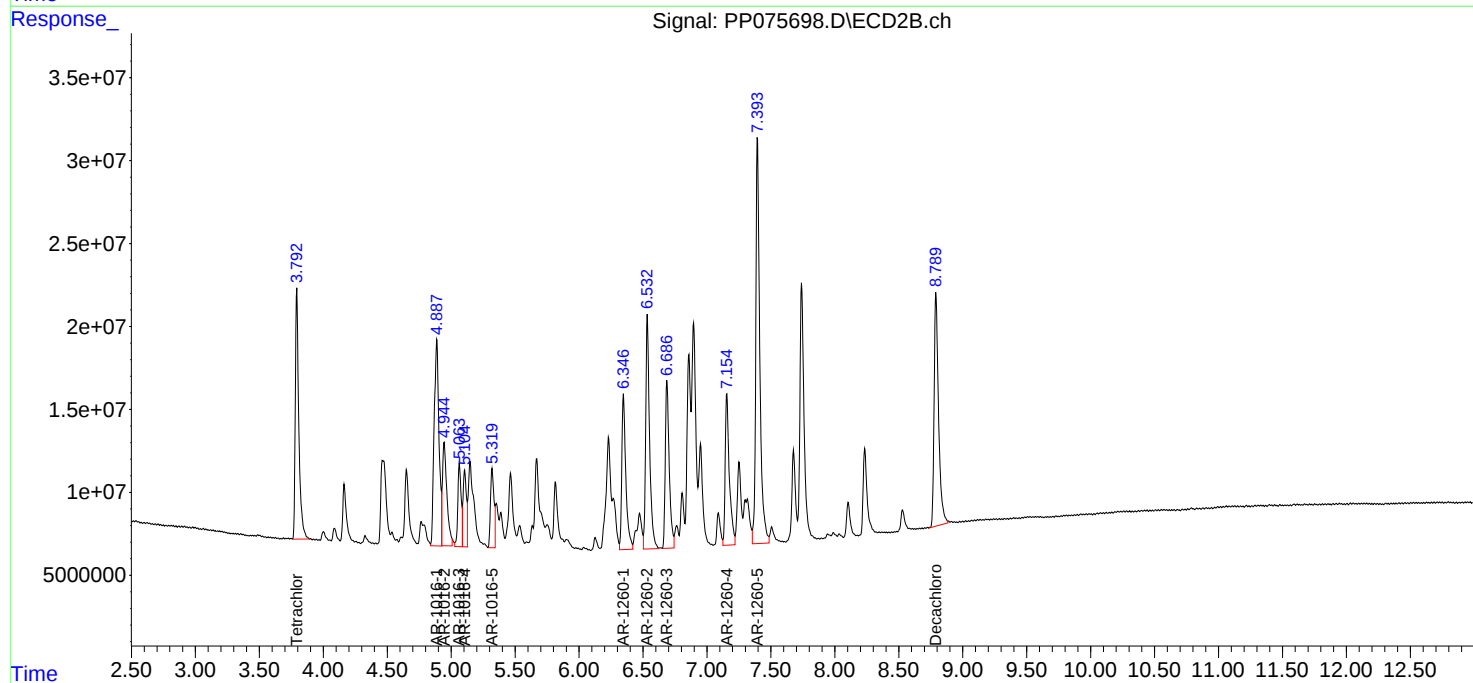
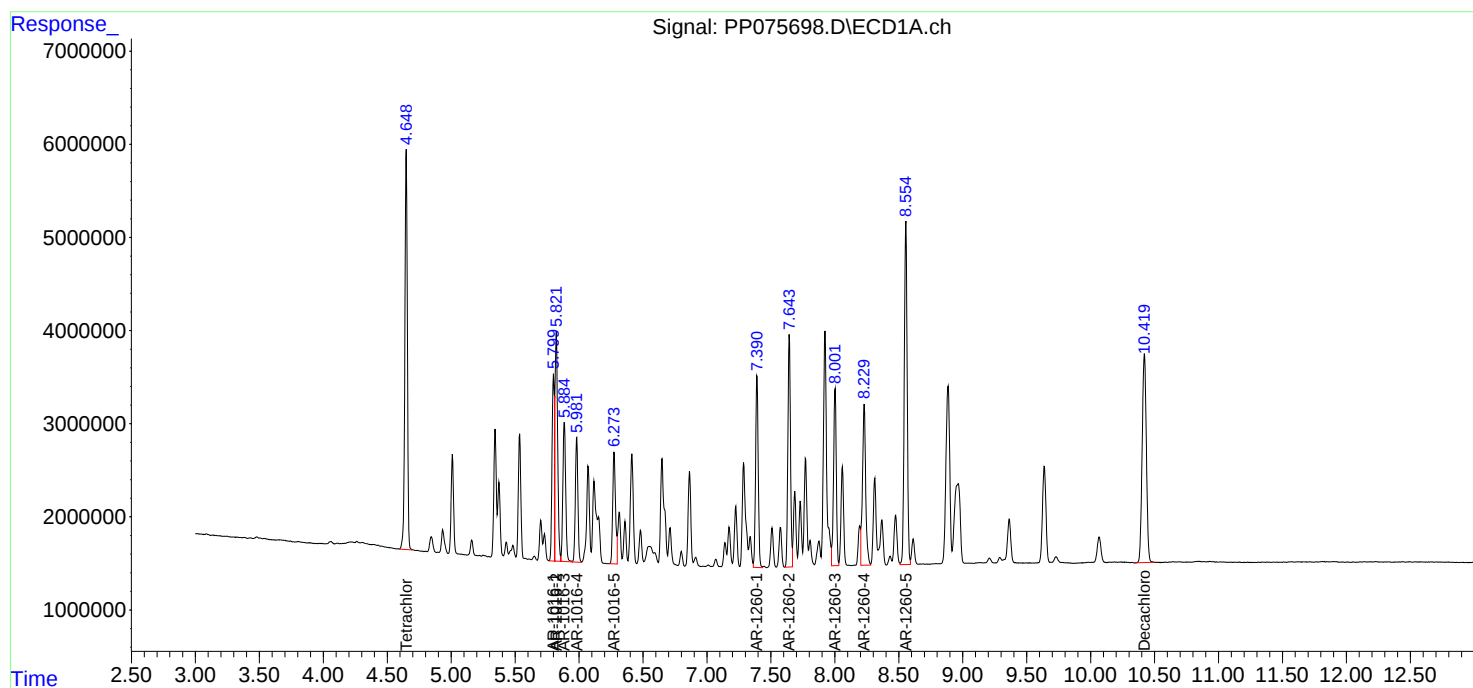
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:01:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: CHA Companies, Inc.

SDG No.: Q3284

Project: Castleton Elementary

Instrument ID: ECD_P

GC Column: ZB-MR1

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/23/2025

09/23/2025

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	09/23/2025	08:29	PP075246.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	10.43	4.65
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	10.44	4.66
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	10.43	4.66
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	10.43	4.66
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	10.45	4.66
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	10.44	4.66
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	10.44	4.66
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	10.44	4.66
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	10.44	4.66
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	10.44	4.66
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	10.44	4.66
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	10.43	4.66
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	10.44	4.66
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	10.44	4.66
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	10.44	4.66
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	10.44	4.66
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	10.44	4.66
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	10.44	4.66
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	10.44	4.66
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	10.44	4.66
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	10.43	4.66
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	10.44	4.66
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	10.44	4.66
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	10.44	4.66
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	10.44	4.66
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	10.44	4.66
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	10.44	4.66
AR1660CCC500	AR1660CCC500	10/09/2025	20:22	PP075684.D	10.41	4.64
IBLK	IBLK	10/09/2025	21:44	PP075688.D	10.42	4.65
PB170035BL	PB170035BL	10/09/2025	22:32	PP075691.D	10.42	4.65
PB170035BS	PB170035BS	10/09/2025	22:48	PP075692.D	10.42	4.65
100225H401-P	Q3284-01	10/09/2025	23:05	PP075693.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/10/2025	01:30	PP075698.D	10.42	4.65
IBLK	IBLK	10/10/2025	02:51	PP075702.D	10.42	4.65

Analytical Sequence

Client: CHA Companies, Inc.

SDG No.: Q3284

Project: Castleton Elementary

Instrument ID: ECD_P

GC Column: ZB-MR2

ID: 0.32 (mm)

Inst. Calib. Date(s): 09/23/2025 09/23/2025

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	09/23/2025	08:29	PP075246.D	8.81	3.80
AR1660ICC1000	AR1660ICC1000	09/23/2025	08:45	PP075247.D	8.81	3.80
AR1660ICC750	AR1660ICC750	09/23/2025	09:01	PP075248.D	8.80	3.80
AR1660ICC500	AR1660ICC500	09/23/2025	09:18	PP075249.D	8.80	3.80
AR1660ICC250	AR1660ICC250	09/23/2025	09:34	PP075250.D	8.80	3.80
AR1660ICC050	AR1660ICC050	09/23/2025	10:11	PP075251.D	8.81	3.80
AR1221ICC500	AR1221ICC500	09/23/2025	10:27	PP075252.D	8.81	3.80
AR1232ICC500	AR1232ICC500	09/23/2025	10:43	PP075253.D	8.81	3.80
AR1242ICC1000	AR1242ICC1000	09/23/2025	11:00	PP075254.D	8.81	3.80
AR1242ICC750	AR1242ICC750	09/23/2025	11:16	PP075255.D	8.81	3.80
AR1242ICC500	AR1242ICC500	09/23/2025	11:32	PP075256.D	8.81	3.80
AR1242ICC250	AR1242ICC250	09/23/2025	11:48	PP075257.D	8.81	3.80
AR1242ICC050	AR1242ICC050	09/23/2025	12:05	PP075258.D	8.80	3.80
AR1248ICC1000	AR1248ICC1000	09/23/2025	12:37	PP075259.D	8.80	3.80
AR1248ICC750	AR1248ICC750	09/23/2025	12:53	PP075260.D	8.81	3.80
AR1248ICC500	AR1248ICC500	09/23/2025	13:10	PP075261.D	8.80	3.80
AR1248ICC250	AR1248ICC250	09/23/2025	13:26	PP075262.D	8.81	3.80
AR1248ICC050	AR1248ICC050	09/23/2025	13:42	PP075263.D	8.80	3.80
AR1254ICC1000	AR1254ICC1000	09/23/2025	14:15	PP075264.D	8.81	3.80
AR1254ICC750	AR1254ICC750	09/23/2025	14:31	PP075265.D	8.81	3.80
AR1254ICC500	AR1254ICC500	09/23/2025	14:47	PP075266.D	8.81	3.80
AR1254ICC250	AR1254ICC250	09/23/2025	15:04	PP075267.D	8.81	3.80
AR1254ICC050	AR1254ICC050	09/23/2025	15:20	PP075268.D	8.81	3.80
AR1262ICC500	AR1262ICC500	09/23/2025	15:52	PP075269.D	8.81	3.80
AR1268ICC1000	AR1268ICC1000	09/23/2025	16:09	PP075270.D	8.81	3.80
AR1268ICC750	AR1268ICC750	09/23/2025	16:25	PP075271.D	8.81	3.80
AR1268ICC500	AR1268ICC500	09/23/2025	16:41	PP075272.D	8.81	3.80
AR1268ICC250	AR1268ICC250	09/23/2025	16:58	PP075273.D	8.80	3.80
AR1268ICC050	AR1268ICC050	09/23/2025	17:14	PP075274.D	8.81	3.80
AR1660CCC500	AR1660CCC500	10/09/2025	20:22	PP075684.D	8.79	3.79
IBLK	IBLK	10/09/2025	21:44	PP075688.D	8.79	3.79
PB170035BL	PB170035BL	10/09/2025	22:32	PP075691.D	8.79	3.79
PB170035BS	PB170035BS	10/09/2025	22:48	PP075692.D	8.79	3.79
100225H401-P	Q3284-01	10/09/2025	23:05	PP075693.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/10/2025	01:30	PP075698.D	8.79	3.79
IBLK	IBLK	10/10/2025	02:51	PP075702.D	8.79	3.79

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170035BS

Lab Name: Alliance

Contract: CLOU03

Lab Code: ACE

SDG NO.: Q3284

Lab Sample ID: PB170035BS

Date(s) Analyzed: 10/09/2025 10/09/2025

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 PP075692.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.798	5.748	5.848	185	187	2.12
COLUMN 1	2	5.819	5.769	5.869	185		
	3	5.882	5.832	5.932	179		
	4	5.979	5.929	6.029	195		
	5	6.271	6.221	6.321	192		
	1	4.885	4.835	4.935	200		
COLUMN 2	2	4.941	4.891	4.991	199	191	
	3	5.061	5.011	5.111	186		
	4	5.102	5.052	5.152	184		
	5	5.317	5.267	5.367	187		
Aroclor-1260	1	7.388	7.338	7.438	182	176	5.52
COLUMN 1	2	7.641	7.591	7.691	178		
	3	7.999	7.949	8.049	164		
	4	8.225	8.175	8.275	186		
	5	8.552	8.502	8.602	170		
	1	6.343	6.293	6.393	206		
COLUMN 2	2	6.531	6.481	6.581	205	186	
	3	6.683	6.633	6.733	200		
	4	7.153	7.103	7.203	157		
	5	7.392	7.342	7.442	160		



QC SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	
Project:	Castleton Elementary	Date Received:	
Client Sample ID:	PB170035BL	SDG No.:	Q3284
Lab Sample ID:	PB170035BL	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
PP075691.D	1	10/09/25 08:40	10/09/25 22:32	PB170035

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	20.6		32 - 144	103%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.6		32 - 175	108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:32
Operator : YP\AJ
Sample : PB170035BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170035BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:52:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.649	3.792	26952923	120.9E6	20.599	19.819
2) SA Decachlor...	10.419	8.789	20576586	130.1E6	20.627	21.561

Target Compounds

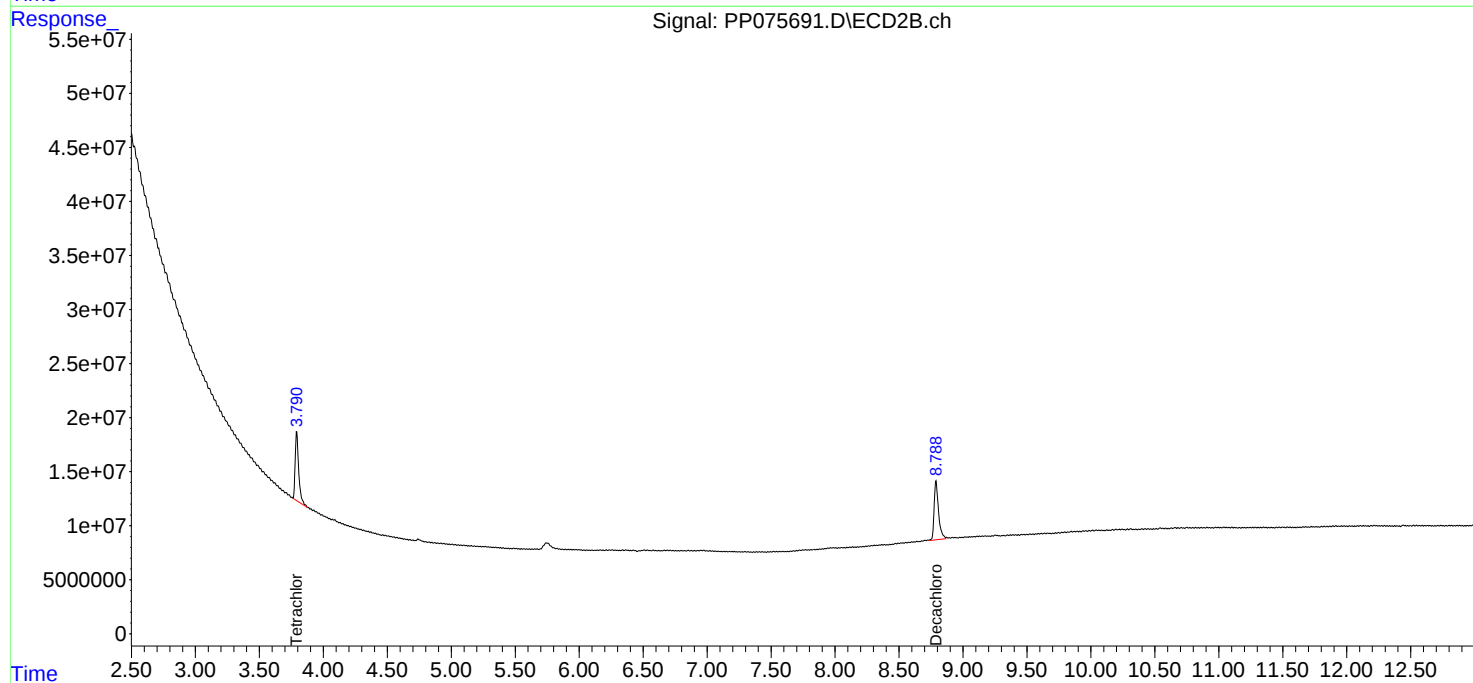
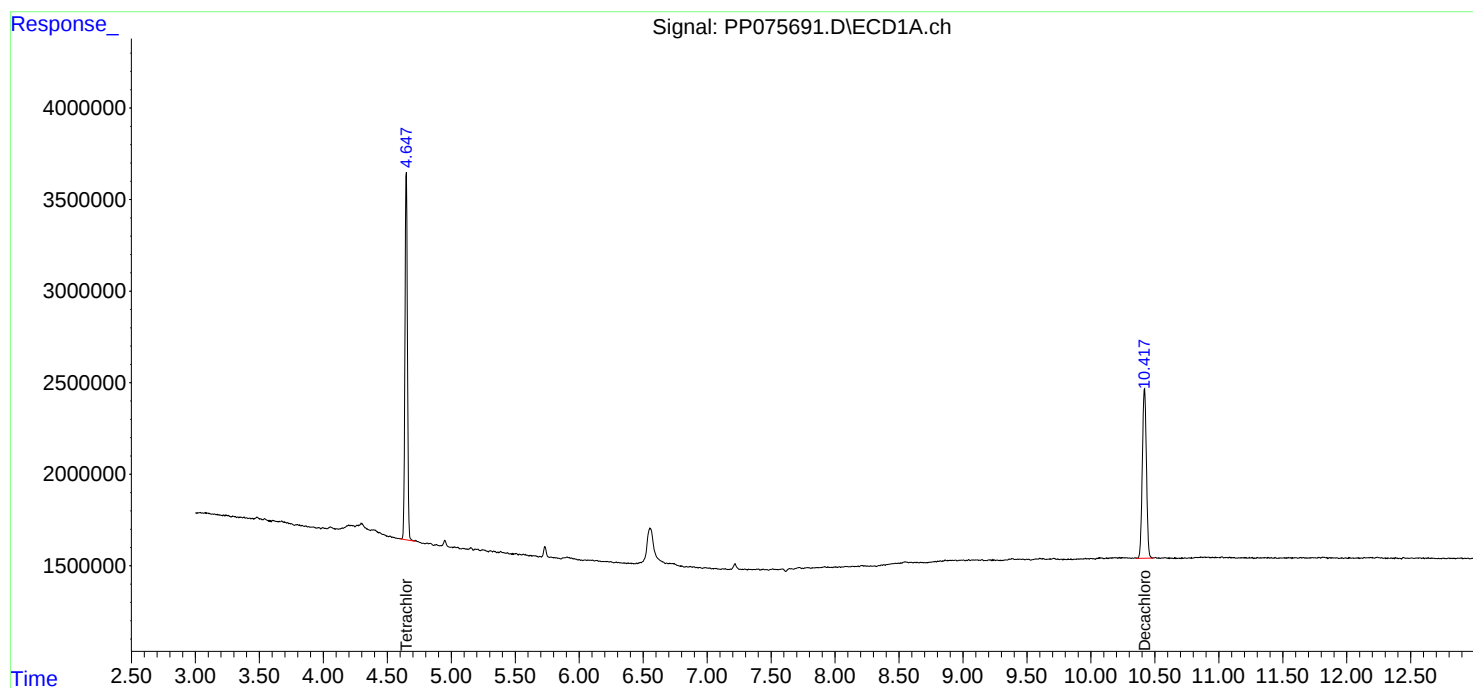
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:32
Operator : YP\AJ
Sample : PB170035BL
Misc :
ALS Vial : 29 Sample Multiplier: 1

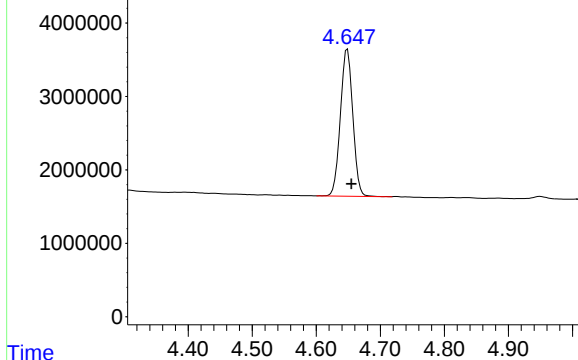
Instrument :
ECD_P
ClientSampleId :
PB170035BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:52:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP075691.D\ECD1A.ch

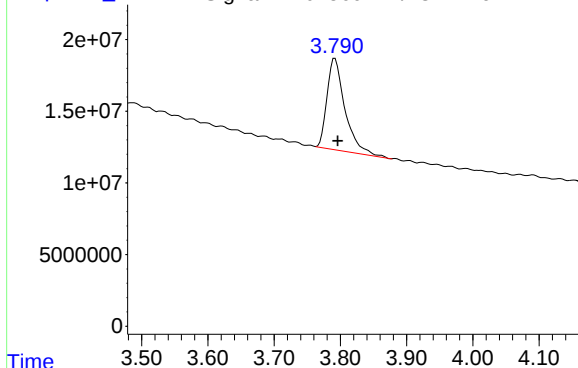


#1 Tetrachloro-m-xylene

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 26952923
Conc: 20.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170035BL

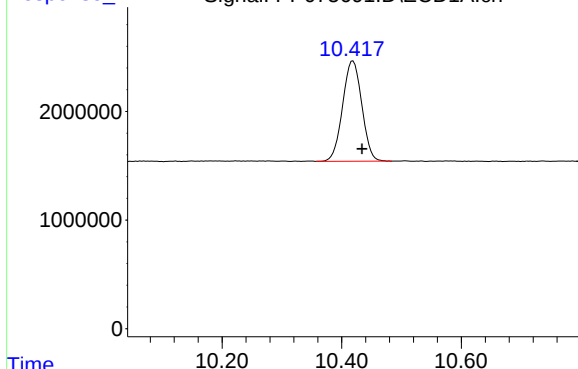
Time Response_ Signal: PP075691.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.792 min
Delta R.T.: -0.004 min
Response: 120913152
Conc: 19.82 ng/ml

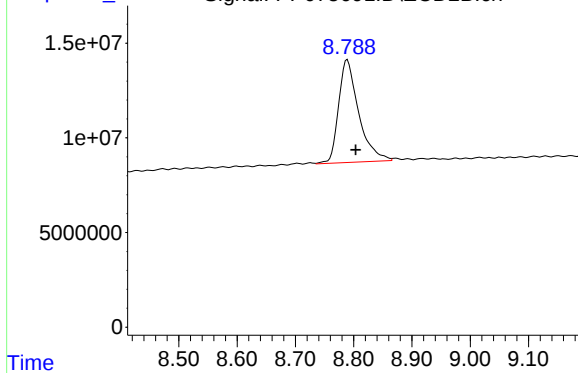
Time Response_ Signal: PP075691.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: -0.016 min
Response: 20576586
Conc: 20.63 ng/ml

Time Response_ Signal: PP075691.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: -0.014 min
Response: 130065258
Conc: 21.56 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/23/25
Project:	Castleton Elementary	Date Received:	09/23/25
Client Sample ID:	PIBLK-PP075246.D	SDG No.:	Q3284
Lab Sample ID:	I.BLK-PP075246.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
PP075246.D	1		09/23/25	pp092325

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	17.9		60 - 140	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.4		60 - 140	97%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:44:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 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	3.797	26080915	109.2E6	19.932	17.901
2)	SA Decachlor...	10.437	8.805	19354075	120.9E6	19.402	20.045

Target Compounds

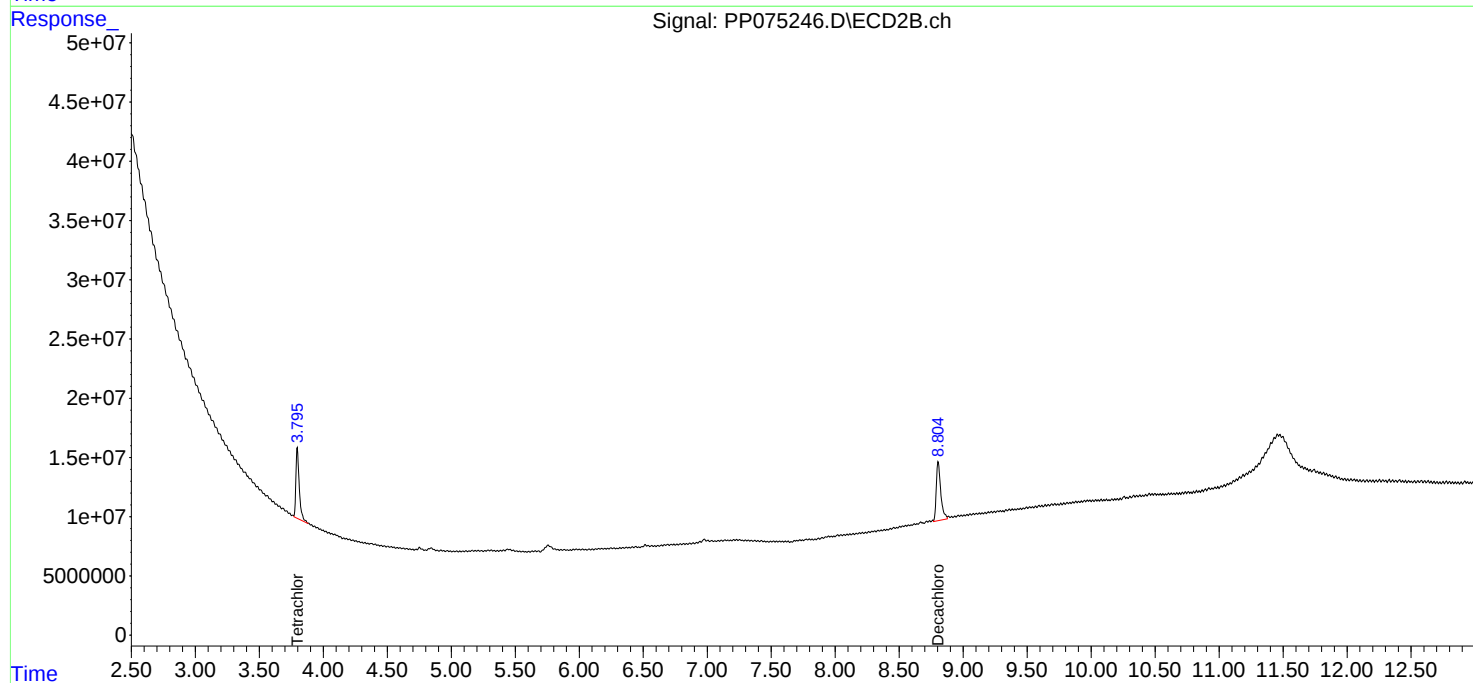
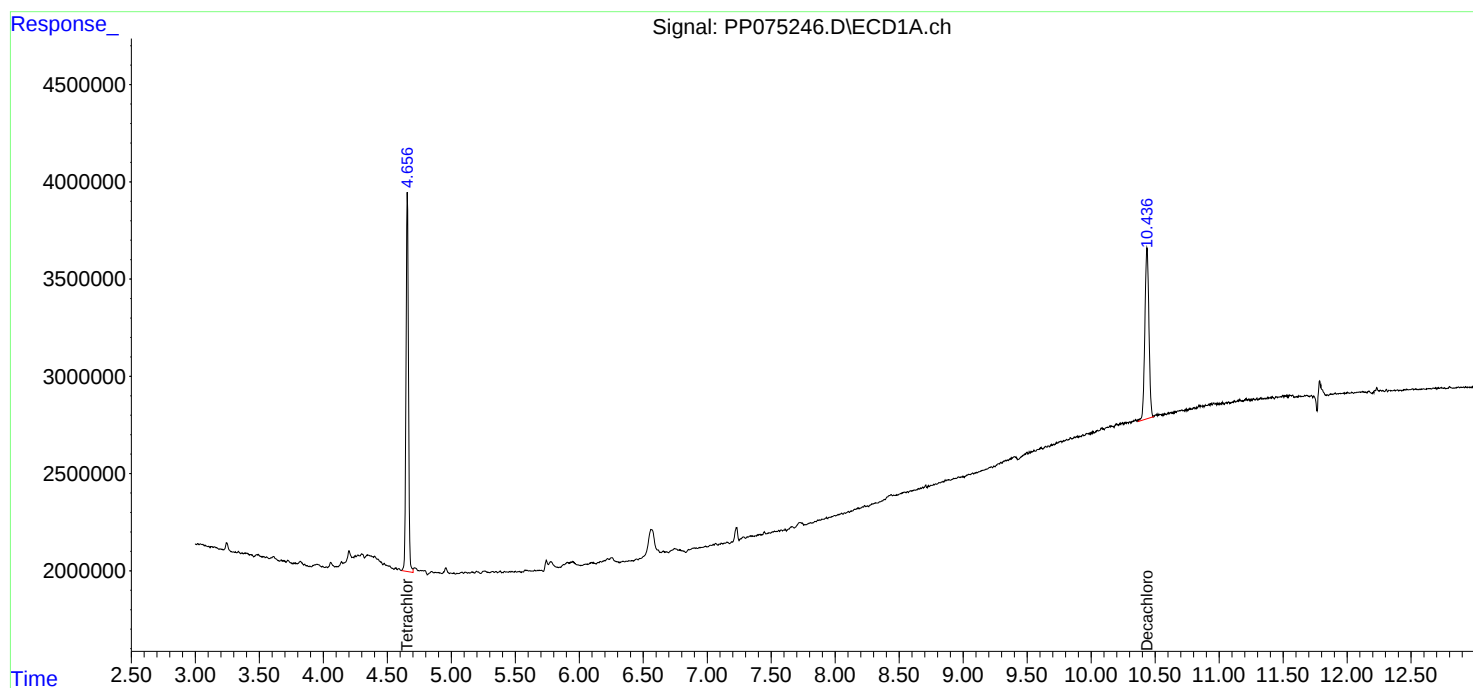
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

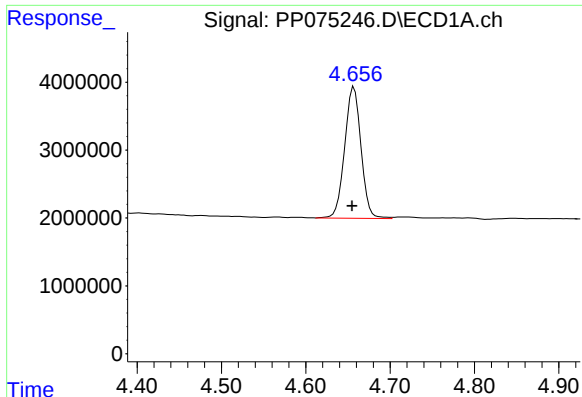
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP092325\
Data File : PP075246.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Sep 2025 08:29
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 23 17:44:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Sep 23 17:43:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

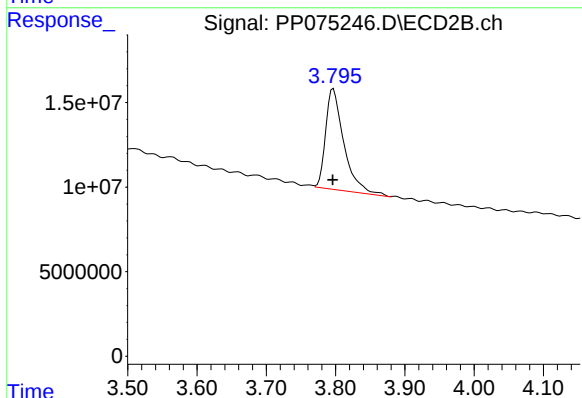




#1 Tetrachloro-m-xylene

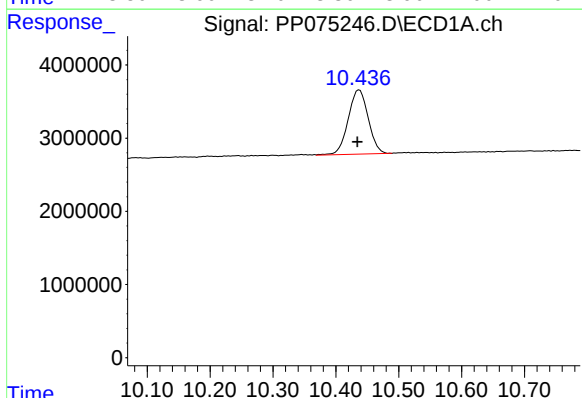
R.T.: 4.657 min
Delta R.T.: 0.002 min
Response: 26080915
Conc: 19.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



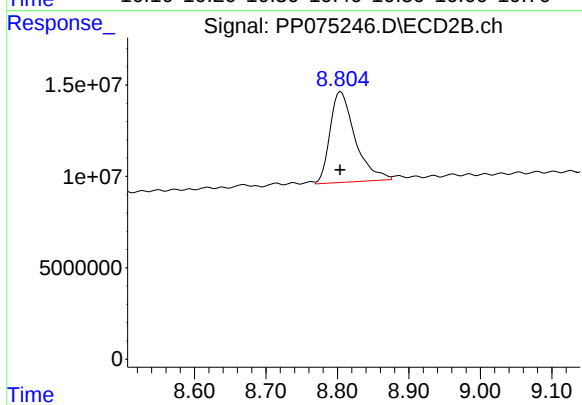
#1 Tetrachloro-m-xylene

R.T.: 3.797 min
Delta R.T.: 0.000 min
Response: 109213871
Conc: 17.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.003 min
Response: 19354075
Conc: 19.40 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.805 min
Delta R.T.: 0.001 min
Response: 120921024
Conc: 20.04 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	10/09/25
Project:	Castleton Elementary	Date Received:	10/09/25
Client Sample ID:	PIBLK-PP075688.D	SDG No.:	Q3284
Lab Sample ID:	I.BLK-PP075688.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
PP075688.D	1		10/09/25	PP100925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.2		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.4		60 - 140	92%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:44
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:52:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.646	3.789	24582693	110.9E6	18.787	18.176
2)	SA Decachlor...	10.418	8.788	18661203	110.8E6	18.707	18.372

Target Compounds

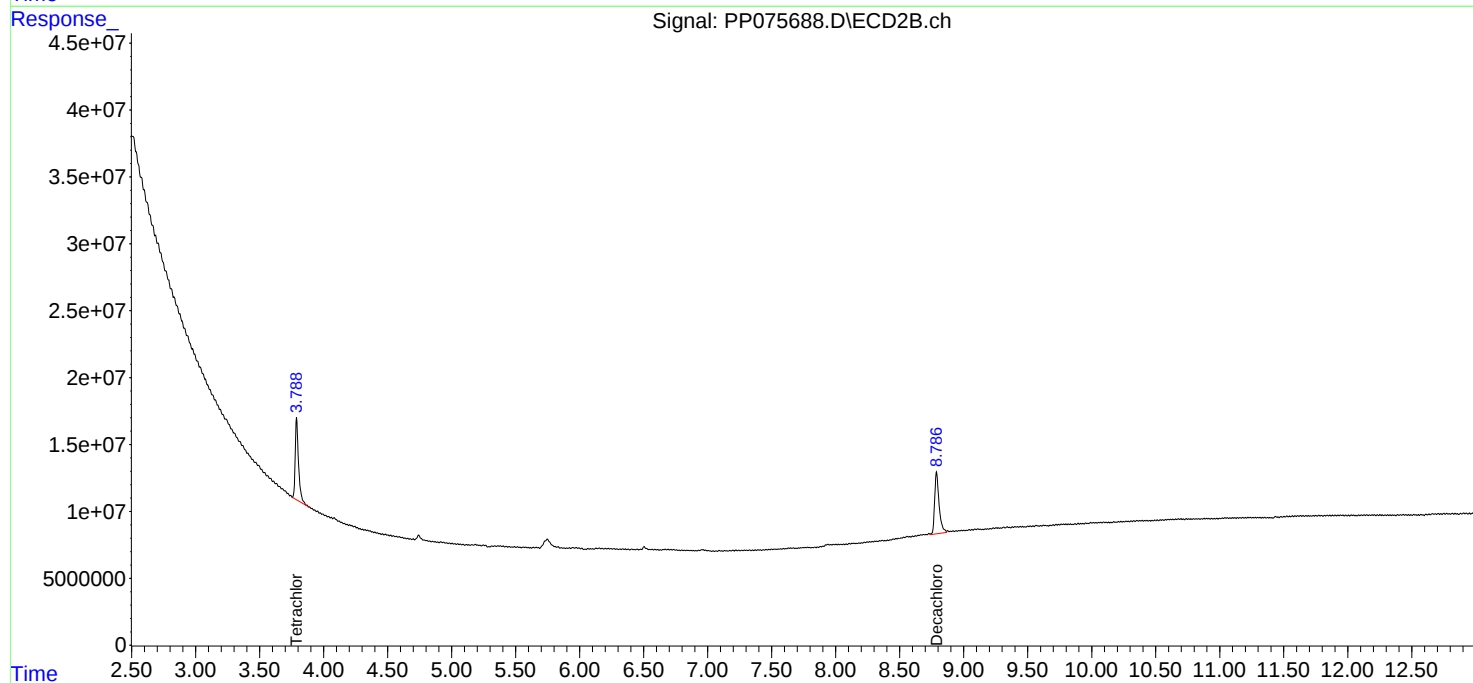
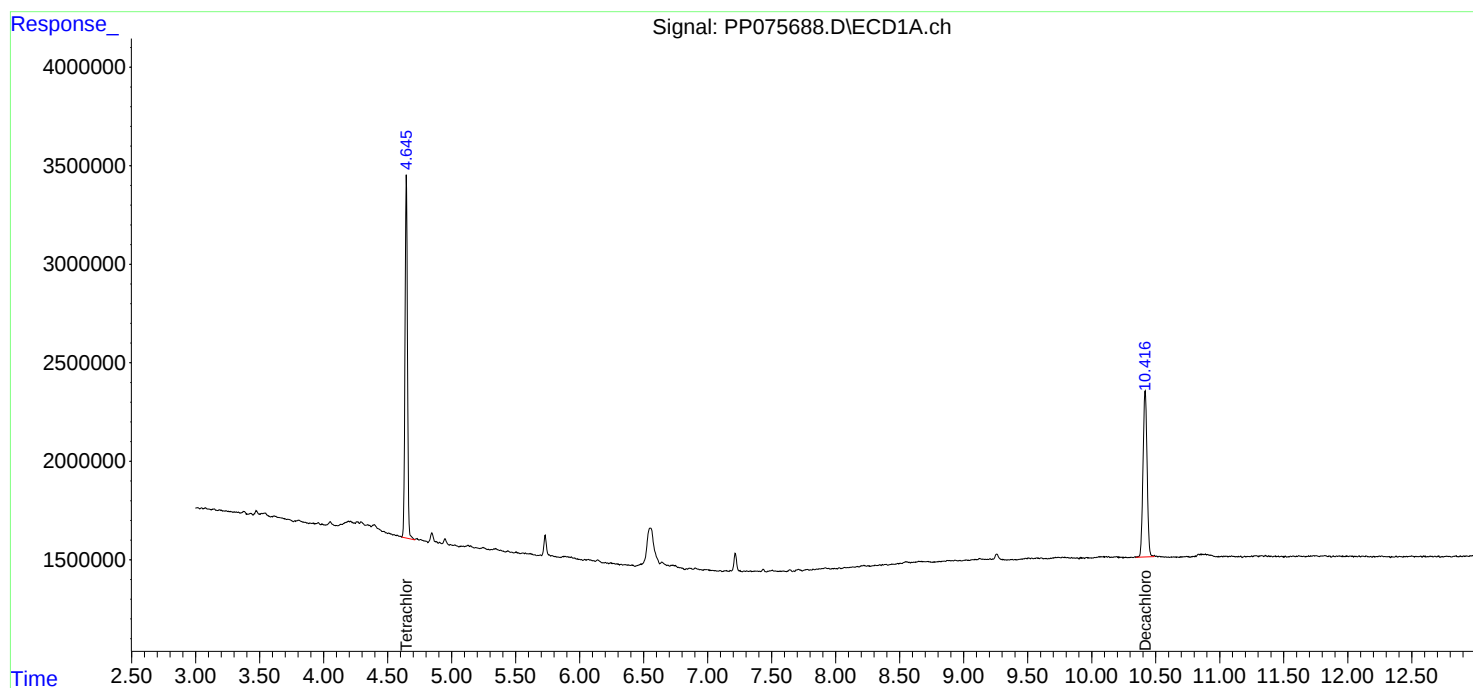
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

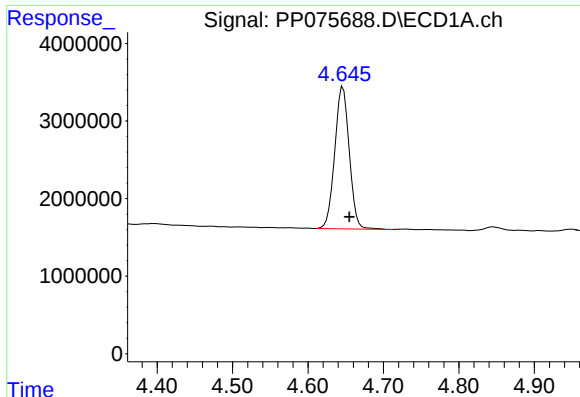
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075688.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:44
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:52:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

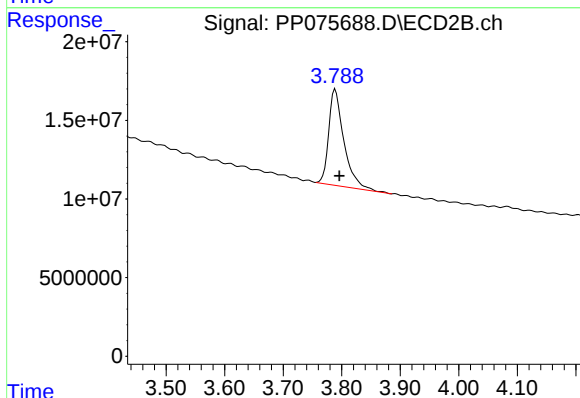




#1 Tetrachloro-m-xylene

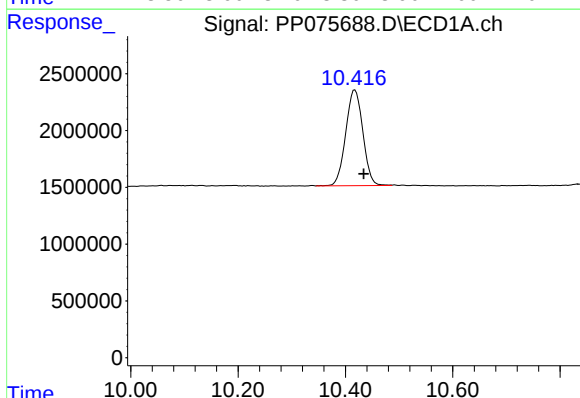
R.T.: 4.646 min
Delta R.T.: -0.009 min
Response: 24582693
Conc: 18.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



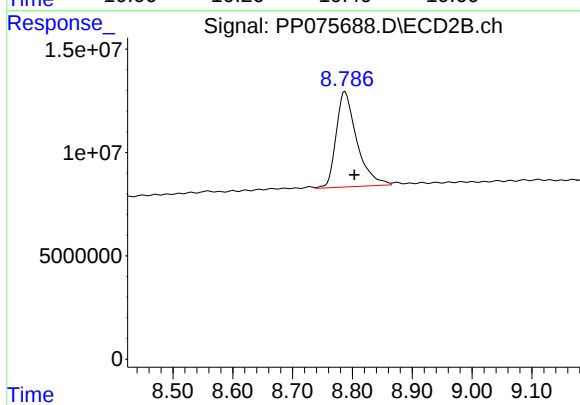
#1 Tetrachloro-m-xylene

R.T.: 3.789 min
Delta R.T.: -0.007 min
Response: 110890048
Conc: 18.18 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: -0.017 min
Response: 18661203
Conc: 18.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.016 min
Response: 110828336
Conc: 18.37 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	10/10/25
Project:	Castleton Elementary	Date Received:	10/10/25
Client Sample ID:	PIBLK-PP075702.D	SDG No.:	Q3284
Lab Sample ID:	I.BLK-PP075702.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
PP075702.D	1		10/10/25	PP100925

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.097	U	0.097	0.50	ug/L
11104-28-2	Aroclor-1221	0.13	U	0.13	0.50	ug/L
11141-16-5	Aroclor-1232	0.096	U	0.096	0.50	ug/L
53469-21-9	Aroclor-1242	0.12	U	0.12	0.50	ug/L
12672-29-6	Aroclor-1248	0.071	U	0.071	0.50	ug/L
11097-69-1	Aroclor-1254	0.094	U	0.094	0.50	ug/L
11096-82-5	Aroclor-1260	0.081	U	0.081	0.50	ug/L
37324-23-5	Aroclor-1262	0.14	U	0.14	0.50	ug/L
11100-14-4	Aroclor-1268	0.11	U	0.11	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.1		60 - 140	91%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 140	98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 02:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 08:05:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.647	3.790	25020679	110.5E6	19.122	18.118
2)	SA Decachlor...	10.417	8.788	19625373	118.2E6	19.674	19.593

Target Compounds

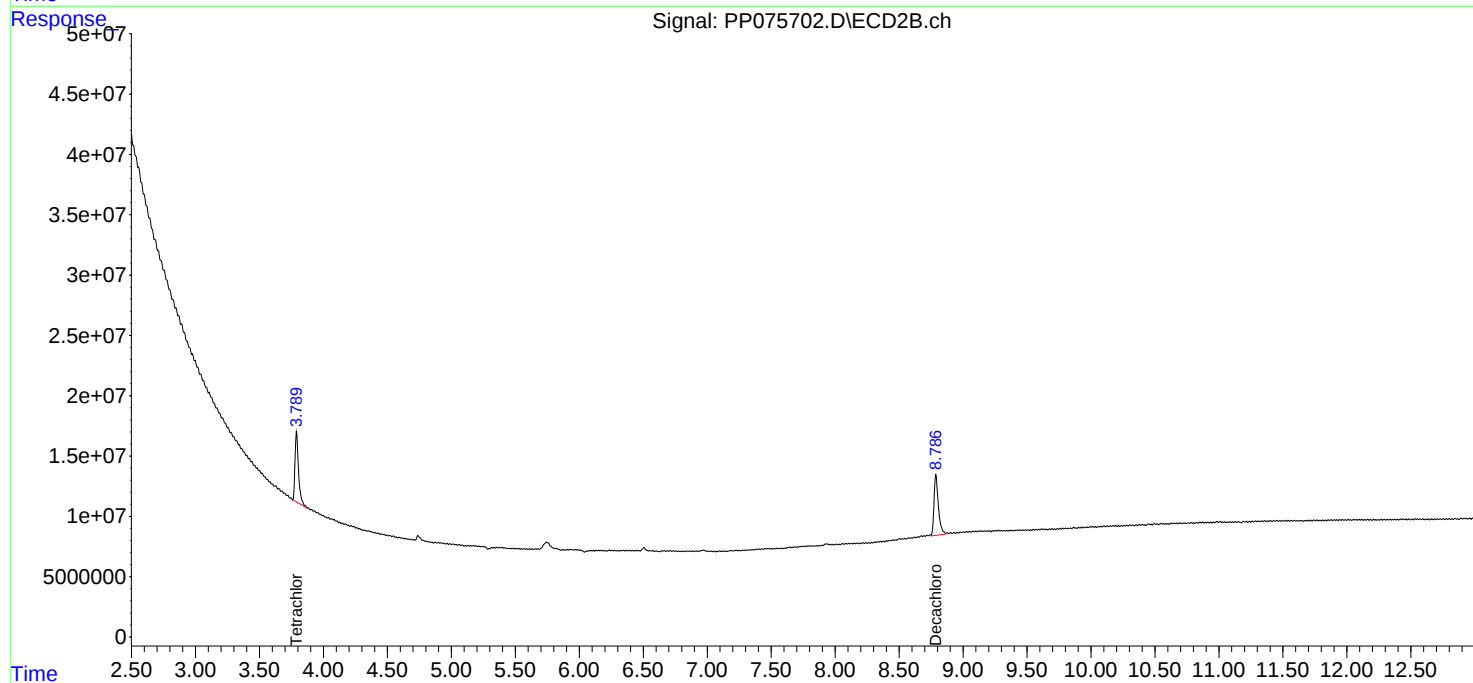
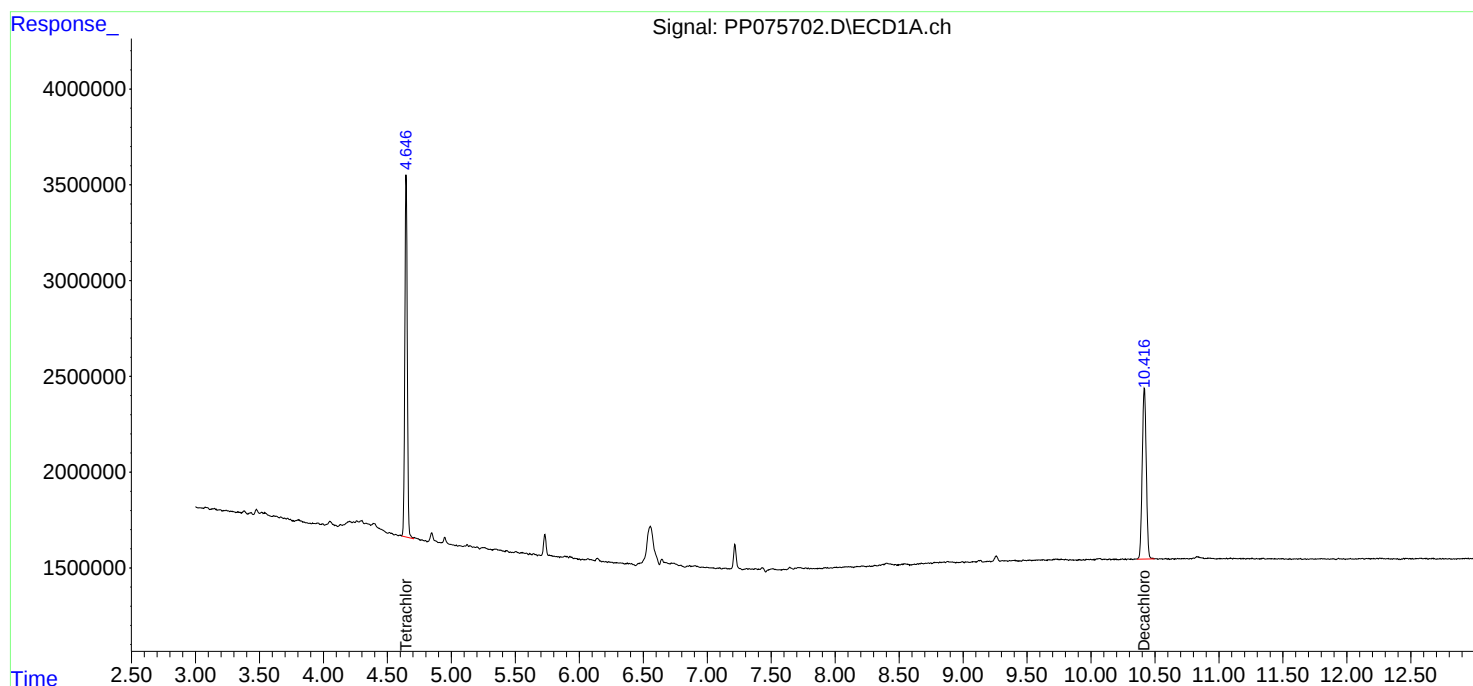
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

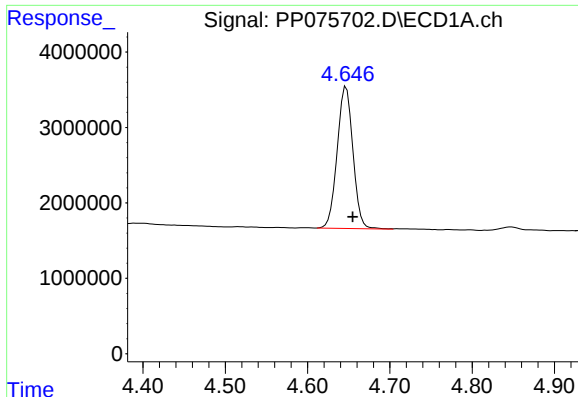
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 02:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 08:05:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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

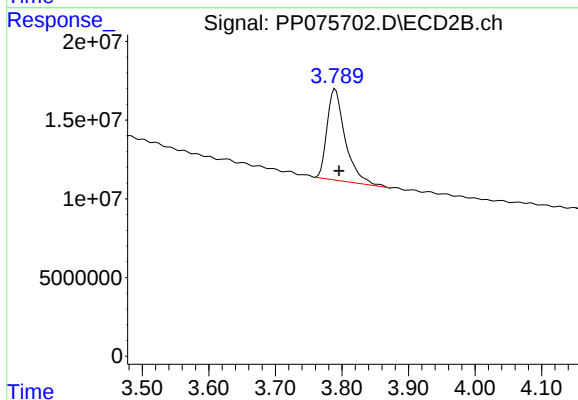




#1 Tetrachloro-m-xylene

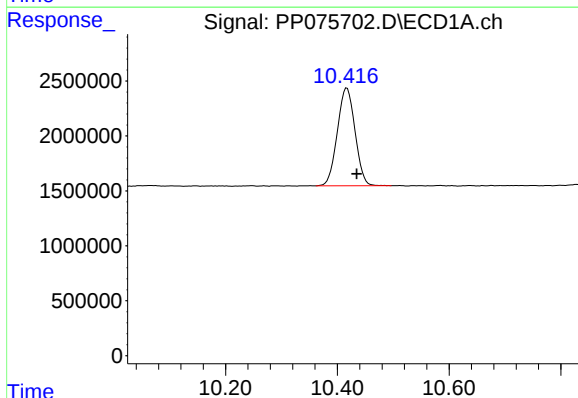
R.T.: 4.647 min
Delta R.T.: -0.008 min
Response: 25020679
Conc: 19.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



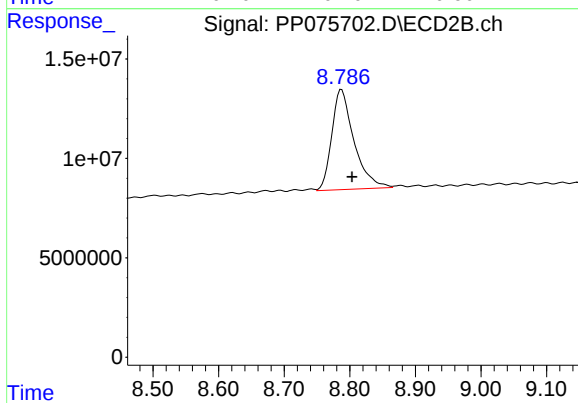
#1 Tetrachloro-m-xylene

R.T.: 3.790 min
Delta R.T.: -0.006 min
Response: 110535171
Conc: 18.12 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.017 min
Response: 19625373
Conc: 19.67 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.788 min
Delta R.T.: -0.016 min
Response: 118195609
Conc: 19.59 ng/ml

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	
Project:	Castleton Elementary	Date Received:	
Client Sample ID:	PB170035BS	SDG No.:	Q3284
Lab Sample ID:	PB170035BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100 Decanted:
Sample Wt/Vol:	30.02 Units: g	Final Vol:	10000 uL
Soil Aliquot Vol:	uL	Test:	PCB
Extraction Type:		Injection Volume :	
GPC Factor :	1.0 PH :		
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP075692.D	1	10/09/25 08:40	10/09/25 22:48	PB170035

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	191		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	186		3.20	17.0	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	21.9		32 - 144	110%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.6		32 - 175	113%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
 Data File : PP075692.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 22:48
 Operator : YP\AJ
 Sample : PB170035BS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB170035BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2025
 Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:53:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 24 10:55:35 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.647	3.789	28657924	111.6E6	21.902	18.286
2) SA Decachlor...	10.417	8.788	21291739	136.2E6	21.344	22.575
Target Compounds						
3) L1 AR-1016-1	5.798	4.885	26662278	337.4E6	554.254	601.478
4) L1 AR-1016-2	5.819	4.941	39923717	153.7E6	556.594	598.087
5) L1 AR-1016-3	5.882	5.061	25006497	86913678	537.418	559.764
6) L1 AR-1016-4	5.979	5.102	20810333	81091888	583.959	551.766
7) L1 AR-1016-5	6.271	5.317	19456306	91913487	576.974	562.567
31) L7 AR-1260-1	7.388	6.343	32865769	250.8E6	546.674	617.914
32) L7 AR-1260-2	7.641	6.531	38848550	355.0E6	533.649	616.425
33) L7 AR-1260-3	7.999	6.683	26634205	256.5E6	491.904	599.205
34) L7 AR-1260-4	8.225	7.153	31527775	203.3E6	557.647m	471.403
35) L7 AR-1260-5	8.552	7.392	56022532	506.4E6	510.185	481.330

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100925\
Data File : PP075692.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:48
Operator : YP\AJ
Sample : PB170035BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

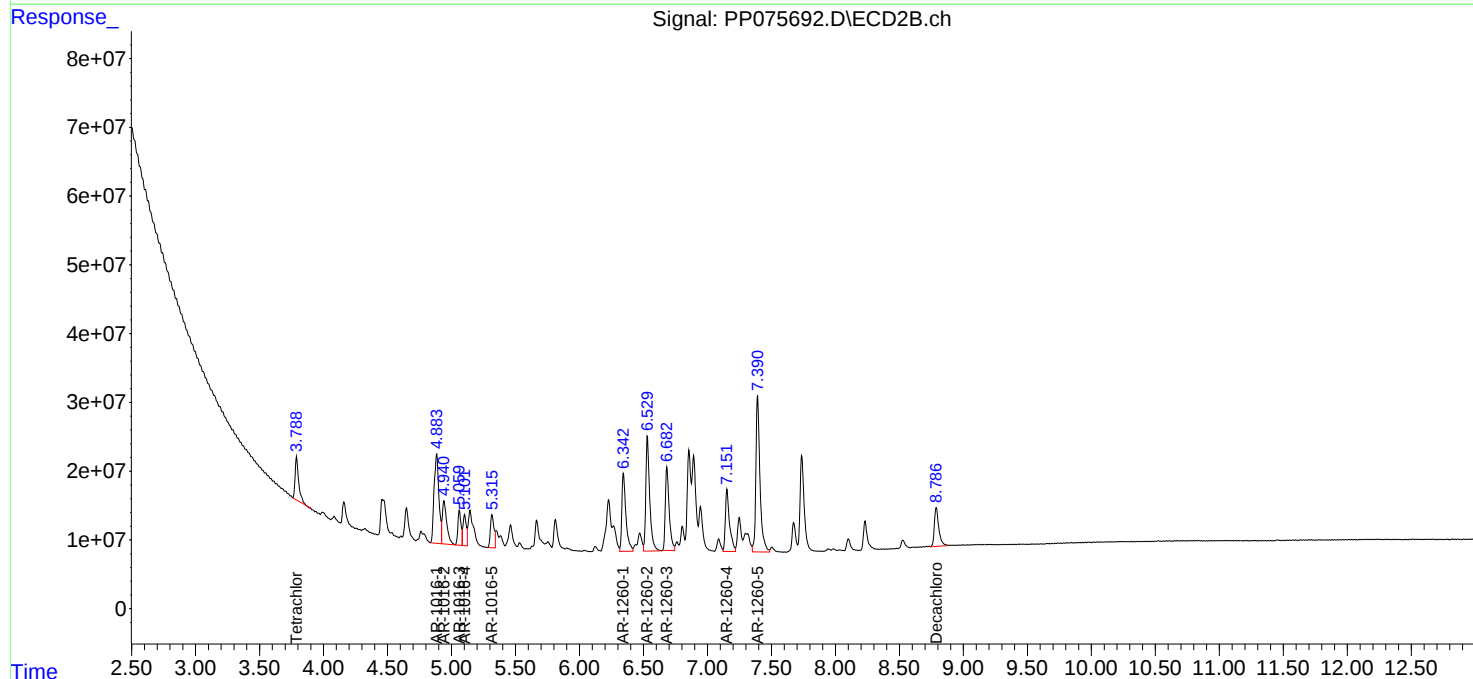
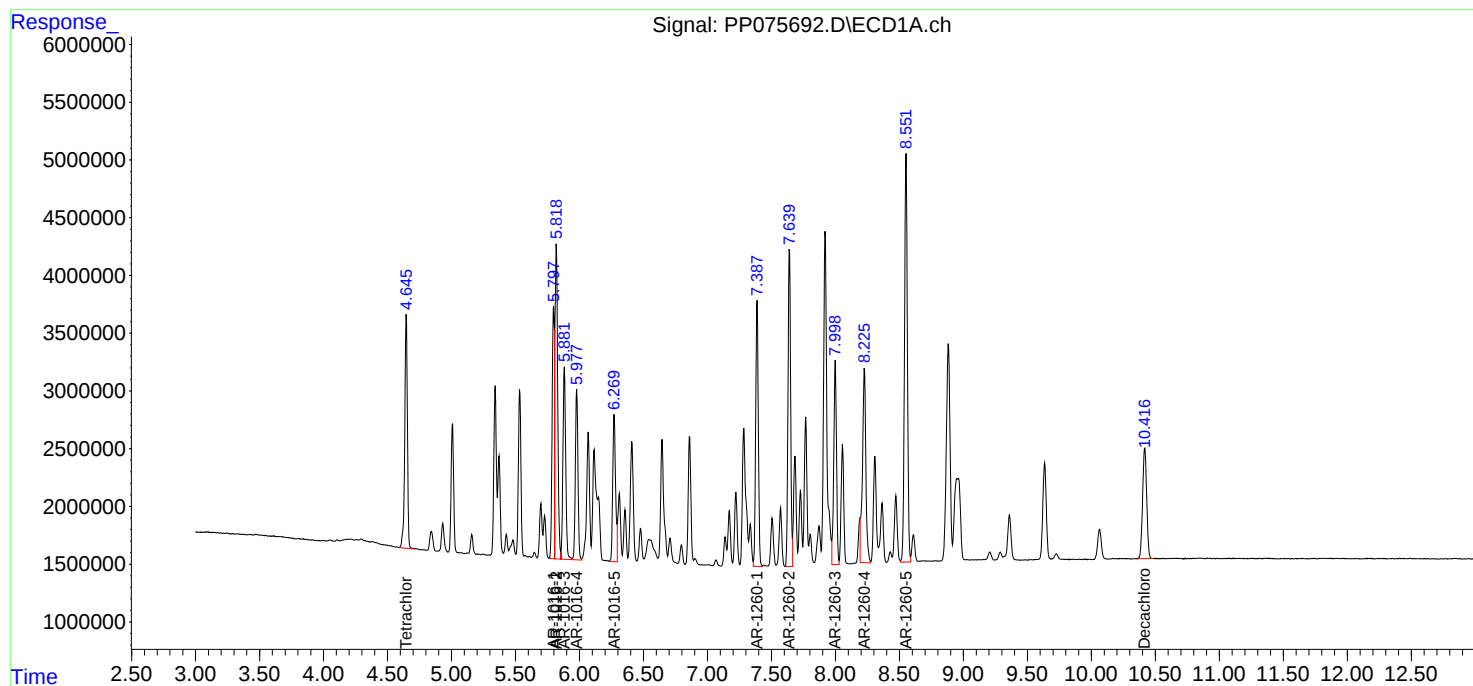
Instrument :
ECD_P
ClientSampleId :
PB170035BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/10/2025
Supervised By :mohammad ahmed 10/11/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 01:53:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092325.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 24 10:55:35 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Manual Integration Report

Sequence:

pp092325

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP075250.D	AR-1260-4	yogesh	9/24/2025 8:09:44 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1016-3	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1016-5	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-1	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-3 #2	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-4	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	AR-1260-5 #2	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1660ICC050	PP075251.D	Decachlorobiphenyl	yogesh	9/24/2025 8:09:46 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC1000	PP075254.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:49 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC750	PP075255.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:51 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC500	PP075256.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:53 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC250	PP075257.D	AR-1242-4 #2	yogesh	9/24/2025 8:09:55 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICC050	PP075258.D	AR-1242-5	yogesh	9/24/2025 8:09:57 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:	pp092325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075258.D	Tetrachloro-m-xylene	yogesh	9/24/2025 8:09:57 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC1000	PP075259.D	AR-1248-3 #2	yogesh	9/24/2025 8:09:59 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC750	PP075260.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:01 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC500	PP075261.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:03 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC250	PP075262.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:05 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC050	PP075263.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:06 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC050	PP075263.D	AR-1248-5	yogesh	9/24/2025 8:10:06 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICC050	PP075263.D	Tetrachloro-m-xylene	yogesh	9/24/2025 8:10:06 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC1000	PP075264.D	AR-1254-1	yogesh	9/24/2025 8:10:09 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC750	PP075265.D	AR-1254-1	yogesh	9/24/2025 8:10:11 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC500	PP075266.D	AR-1254-1	yogesh	9/24/2025 8:10:12 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC250	PP075267.D	AR-1254-1	yogesh	9/24/2025 8:10:15 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICC050	PP075268.D	AR-1254-1	yogesh	9/24/2025 8:10:16 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software

Manual Integration Report

Sequence:	pp092325	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1268ICC050	PP075274.D	AR-1268-1	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	AR-1268-3 #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	AR-1268-4 #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	AR-1268-5 #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICC050	PP075274.D	Tetrachloro-m-xylene #2	yogesh	9/24/2025 8:10:18 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
PP092325ICV500	PP075275.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:21 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICV500	PP075276.D	AR-1242-4 #2	yogesh	9/24/2025 8:10:24 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1242ICV500	PP075276.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:24 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1248ICV500	PP075277.D	AR-1248-3 #2	yogesh	9/24/2025 8:10:26 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICV500	PP075278.D	AR-1254-1	yogesh	9/24/2025 8:10:28 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1254ICV500	PP075278.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:28 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software
AR1268ICV500	PP075279.D	Decachlorobiphenyl #2	yogesh	9/24/2025 8:10:30 AM	mohammad	9/25/2025 2:25:37	Peak Integrated by Software



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

Manual Integration Report

Sequence:

pp092325

Instrument

ECD_p

Sample ID

File ID

Parameter

Review By

Review On

Supervised
By

Supervised On

Reason

Manual Integration Report

Sequence:	PP100925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP075655.D	AR-1242-4 #2	yogesh	10/10/2025 7:47:40 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1248CCC500	PP075656.D	AR-1248-3 #2	yogesh	10/10/2025 7:47:57 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1248CCC500	PP075656.D	AR-1248-5 #2	yogesh	10/10/2025 7:47:57 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1254CCC500	PP075657.D	AR-1254-1	yogesh	10/10/2025 7:47:42 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1242CCC500	PP075670.D	AR-1242-1	yogesh	10/10/2025 8:25:26 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1242CCC500	PP075670.D	AR-1242-4 #2	yogesh	10/10/2025 8:25:26 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1248CCC500	PP075671.D	AR-1248-3 #2	yogesh	10/10/2025 8:25:29 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1254CCC500	PP075672.D	AR-1254-1	yogesh	10/10/2025 8:25:31 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1660CCC500	PP075684.D	AR-1016-1	yogesh	10/10/2025 8:25:53 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1242CCC500	PP075685.D	AR-1242-1	yogesh	10/10/2025 8:25:57 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1242CCC500	PP075685.D	AR-1242-4 #2	yogesh	10/10/2025 8:25:57 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1248CCC500	PP075686.D	AR-1248-3 #2	yogesh	10/10/2025 8:25:59 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1254CCC500	PP075687.D	AR-1254-1	yogesh	10/10/2025 8:26:01 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software

Manual Integration Report

Sequence:

PP100925

Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PB170035BS	PP075692.D	AR-1260-4	yogesh	10/10/2025 8:26:08 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1660CCC500	PP075698.D	AR-1016-2 #2	yogesh	10/10/2025 8:26:14 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1660CCC500	PP075698.D	Tetrachloro-m-xylene	yogesh	10/10/2025 8:26:14 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1242CCC500	PP075699.D	AR-1242-1	yogesh	10/10/2025 8:26:16 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1242CCC500	PP075699.D	AR-1242-4 #2	yogesh	10/10/2025 8:26:16 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1248CCC500	PP075700.D	AR-1248-1	yogesh	10/10/2025 8:26:18 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1248CCC500	PP075700.D	AR-1248-3 #2	yogesh	10/10/2025 8:26:18 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software
AR1254CCC500	PP075701.D	AR-1254-1	yogesh	10/10/2025 8:26:20 AM	mohammad	10/11/2025 1:37:14	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM
SubDirectory	PP092325	HP Acquire Method	HP Processing Method PP092325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	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 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	PP075245.D	23 Sep 2025 08:13	YP\AJ	Ok
2	I.BLK	PP075246.D	23 Sep 2025 08:29	YP\AJ	Ok
3	AR1660ICC1000	PP075247.D	23 Sep 2025 08:45	YP\AJ	Ok
4	AR1660ICC750	PP075248.D	23 Sep 2025 09:01	YP\AJ	Ok
5	AR1660ICC500	PP075249.D	23 Sep 2025 09:18	YP\AJ	Ok
6	AR1660ICC250	PP075250.D	23 Sep 2025 09:34	YP\AJ	Ok,M
7	AR1660ICC050	PP075251.D	23 Sep 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075252.D	23 Sep 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075253.D	23 Sep 2025 10:43	YP\AJ	Ok
10	AR1242ICC1000	PP075254.D	23 Sep 2025 11:00	YP\AJ	Ok,M
11	AR1242ICC750	PP075255.D	23 Sep 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075256.D	23 Sep 2025 11:32	YP\AJ	Ok,M
13	AR1242ICC250	PP075257.D	23 Sep 2025 11:48	YP\AJ	Ok,M
14	AR1242ICC050	PP075258.D	23 Sep 2025 12:05	YP\AJ	Ok,M
15	AR1248ICC1000	PP075259.D	23 Sep 2025 12:37	YP\AJ	Ok,M
16	AR1248ICC750	PP075260.D	23 Sep 2025 12:53	YP\AJ	Ok,M
17	AR1248ICC500	PP075261.D	23 Sep 2025 13:10	YP\AJ	Ok,M
18	AR1248ICC250	PP075262.D	23 Sep 2025 13:26	YP\AJ	Ok,M
19	AR1248ICC050	PP075263.D	23 Sep 2025 13:42	YP\AJ	Ok,M
20	AR1254ICC1000	PP075264.D	23 Sep 2025 14:15	YP\AJ	Ok,M
21	AR1254ICC750	PP075265.D	23 Sep 2025 14:31	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM
SubDirectory	PP092325	HP Acquire Method	HP Processing Method PP092325
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			
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	PP075266.D	23 Sep 2025 14:47	YP\AJ	Ok,M
23	AR1254ICC250	PP075267.D	23 Sep 2025 15:04	YP\AJ	Ok,M
24	AR1254ICC050	PP075268.D	23 Sep 2025 15:20	YP\AJ	Ok,M
25	AR1262ICC500	PP075269.D	23 Sep 2025 15:52	YP\AJ	Ok
26	AR1268ICC1000	PP075270.D	23 Sep 2025 16:09	YP\AJ	Ok
27	AR1268ICC750	PP075271.D	23 Sep 2025 16:25	YP\AJ	Ok
28	AR1268ICC500	PP075272.D	23 Sep 2025 16:41	YP\AJ	Ok
29	AR1268ICC250	PP075273.D	23 Sep 2025 16:58	YP\AJ	Ok
30	AR1268ICC050	PP075274.D	23 Sep 2025 17:14	YP\AJ	Ok,M
31	PP092325ICV500	PP075275.D	23 Sep 2025 17:46	YP\AJ	Ok,M
32	AR1242ICV500	PP075276.D	23 Sep 2025 18:35	YP\AJ	Ok,M
33	AR1248ICV500	PP075277.D	23 Sep 2025 19:08	YP\AJ	Ok,M
34	AR1254ICV500	PP075278.D	23 Sep 2025 19:40	YP\AJ	Ok,M
35	AR1268ICV500	PP075279.D	23 Sep 2025 19:57	YP\AJ	Ok,M
36	DDT ANALOG	PP075280.D	23 Sep 2025 20:29	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100925

Review By	yogesh	Review On	10/9/2025 11:23:52 AM
Supervise By	mohammad	Supervise On	10/11/2025 1:37:14 AM
SubDirectory	PP100925	HP Acquire Method	HP Processing Method PP092325
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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	PP075653.D	09 Oct 2025 09:01	YP\AJ	Ok
2	AR1660CCC500	PP075654.D	09 Oct 2025 09:18	YP\AJ	Ok
3	AR1242CCC500	PP075655.D	09 Oct 2025 09:39	YP\AJ	Ok,M
4	AR1248CCC500	PP075656.D	09 Oct 2025 09:55	YP\AJ	Ok,M
5	AR1254CCC500	PP075657.D	09 Oct 2025 10:11	YP\AJ	Ok,M
6	I.BLK	PP075658.D	09 Oct 2025 10:27	YP\AJ	Ok
7	Q3307-19RE	PP075659.D	09 Oct 2025 10:44	YP\AJ	Confirms
8	Q3309-10DL	PP075660.D	09 Oct 2025 11:00	YP\AJ	Ok,M
9	PB170036BL	PP075661.D	09 Oct 2025 12:16	YP\AJ	Ok
10	PB170036BS	PP075662.D	09 Oct 2025 12:32	YP\AJ	Ok,M
11	Q3315-03	PP075663.D	09 Oct 2025 12:48	YP\AJ	Ok
12	Q3315-01	PP075664.D	09 Oct 2025 13:05	YP\AJ	Ok,M
13	Q3313-01	PP075665.D	09 Oct 2025 13:21	YP\AJ	Ok,M
14	Q3313-01MS	PP075666.D	09 Oct 2025 13:37	YP\AJ	Ok,M
15	Q3313-01MSD	PP075667.D	09 Oct 2025 13:53	YP\AJ	Ok,M
16	Q3318-01	PP075668.D	09 Oct 2025 14:10	YP\AJ	Ok
17	AR1660CCC500	PP075669.D	09 Oct 2025 15:14	YP\AJ	Ok
18	AR1242CCC500	PP075670.D	09 Oct 2025 15:31	YP\AJ	Ok,M
19	AR1248CCC500	PP075671.D	09 Oct 2025 15:47	YP\AJ	Ok,M
20	AR1254CCC500	PP075672.D	09 Oct 2025 16:03	YP\AJ	Ok,M
21	I.BLK	PP075673.D	09 Oct 2025 16:19	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100925

Review By	yogesh	Review On	10/9/2025 11:23:52 AM
Supervise By	mohammad	Supervise On	10/11/2025 1:37:14 AM
SubDirectory	PP100925	HP Acquire Method	HP Processing Method PP092325
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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	Q3307-01	PP075674.D	09 Oct 2025 16:35	YP\AJ	Dilution
23	Q3307-12	PP075675.D	09 Oct 2025 16:52	YP\AJ	Dilution
24	Q3307-13	PP075676.D	09 Oct 2025 17:08	YP\AJ	Ok,M
25	Q3319-01	PP075677.D	09 Oct 2025 17:24	YP\AJ	Ok
26	Q3314-01	PP075678.D	09 Oct 2025 17:40	YP\AJ	Ok
27	Q3314-02	PP075679.D	09 Oct 2025 17:57	YP\AJ	Ok,M
28	Q3314-03	PP075680.D	09 Oct 2025 18:13	YP\AJ	Ok,M
29	Q3314-04	PP075681.D	09 Oct 2025 18:29	YP\AJ	Ok,M
30	Q3314-05	PP075682.D	09 Oct 2025 18:45	YP\AJ	Ok,M
31	Q3314-06	PP075683.D	09 Oct 2025 19:01	YP\AJ	Ok,M
32	AR1660CCC500	PP075684.D	09 Oct 2025 20:22	YP\AJ	Ok,M
33	AR1242CCC500	PP075685.D	09 Oct 2025 20:55	YP\AJ	Ok,M
34	AR1248CCC500	PP075686.D	09 Oct 2025 21:11	YP\AJ	Ok,M
35	AR1254CCC500	PP075687.D	09 Oct 2025 21:27	YP\AJ	Ok,M
36	I.BLK	PP075688.D	09 Oct 2025 21:44	YP\AJ	Ok
37	PB170040BL	PP075689.D	09 Oct 2025 22:00	YP\AJ	Ok,M
38	PB170040BS	PP075690.D	09 Oct 2025 22:16	YP\AJ	Ok,M
39	PB170035BL	PP075691.D	09 Oct 2025 22:32	YP\AJ	Ok
40	PB170035BS	PP075692.D	09 Oct 2025 22:48	YP\AJ	Ok,M
41	Q3284-01	PP075693.D	09 Oct 2025 23:05	YP\AJ	Ok
42	Q3317-01	PP075694.D	09 Oct 2025 23:21	YP\AJ	Ok
43	Q3317-02	PP075695.D	09 Oct 2025 23:37	YP\AJ	Ok
44	Q3317-03	PP075696.D	09 Oct 2025 23:53	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100925

Review By	yogesh	Review On	10/9/2025 11:23:52 AM
Supervise By	mohammad	Supervise On	10/11/2025 1:37:14 AM
SubDirectory	PP100925	HP Acquire Method	HP Processing Method PP092325
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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	Q3317-04	PP075697.D	10 Oct 2025 00:10	YP\AJ	Ok,M
46	AR1660CCC500	PP075698.D	10 Oct 2025 01:30	YP\AJ	Ok,M
47	AR1242CCC500	PP075699.D	10 Oct 2025 02:03	YP\AJ	Ok,M
48	AR1248CCC500	PP075700.D	10 Oct 2025 02:19	YP\AJ	Ok,M
49	AR1254CCC500	PP075701.D	10 Oct 2025 02:35	YP\AJ	Ok,M
50	I.BLK	PP075702.D	10 Oct 2025 02:51	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM
SubDirectory	PP092325	HP Acquire Method	HP Processing Method PP092325

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	
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	PP075245.D	23 Sep 2025 08:13		YP\AJ	Ok
2	I.BLK	I.BLK	PP075246.D	23 Sep 2025 08:29		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP075247.D	23 Sep 2025 08:45		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075248.D	23 Sep 2025 09:01		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075249.D	23 Sep 2025 09:18		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075250.D	23 Sep 2025 09:34		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP075251.D	23 Sep 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075252.D	23 Sep 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075253.D	23 Sep 2025 10:43		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP075254.D	23 Sep 2025 11:00		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075255.D	23 Sep 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075256.D	23 Sep 2025 11:32		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075257.D	23 Sep 2025 11:48		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075258.D	23 Sep 2025 12:05		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075259.D	23 Sep 2025 12:37		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075260.D	23 Sep 2025 12:53		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075261.D	23 Sep 2025 13:10		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075262.D	23 Sep 2025 13:26		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP092325

Review By	yogesh	Review On	9/23/2025 12:35:13 PM
Supervise By	mohammad	Supervise On	9/25/2025 2:25:37 AM
SubDirectory	PP092325	HP Acquire Method	HP Processing Method PP092325
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds CCC Internal Standard/PEM ICV/I.BLK Surrogate Standard MS/MSD Standard LCS Standard	PP24815,PP24816,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	PP075263.D	23 Sep 2025 13:42		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075264.D	23 Sep 2025 14:15		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075265.D	23 Sep 2025 14:31		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075266.D	23 Sep 2025 14:47		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075267.D	23 Sep 2025 15:04		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075268.D	23 Sep 2025 15:20		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075269.D	23 Sep 2025 15:52		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075270.D	23 Sep 2025 16:09		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075271.D	23 Sep 2025 16:25		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075272.D	23 Sep 2025 16:41		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075273.D	23 Sep 2025 16:58		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075274.D	23 Sep 2025 17:14		YPIAJ	Ok,M
31	PP092325ICV500	ICVPP092325	PP075275.D	23 Sep 2025 17:46		YPIAJ	Ok,M
32	AR1242ICV500	ICVPP092325AR1242	PP075276.D	23 Sep 2025 18:35		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP092325AR1248	PP075277.D	23 Sep 2025 19:08		YPIAJ	Ok,M
34	AR1254ICV500	ICVPP092325AR1254	PP075278.D	23 Sep 2025 19:40		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP092325AR1268	PP075279.D	23 Sep 2025 19:57		YPIAJ	Ok,M
36	DDT ANALOG	DDT ANALOG	PP075280.D	23 Sep 2025 20:29		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100925

Review By	yogesh	Review On	10/9/2025 11:23:52 AM
Supervise By	mohammad	Supervise On	10/11/2025 1:37:14 AM
SubDirectory	PP100925	HP Acquire Method	HP Processing Method PP092325

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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852
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	PP075653.D	09 Oct 2025 09:01		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP075654.D	09 Oct 2025 09:18		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP075655.D	09 Oct 2025 09:39		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP075656.D	09 Oct 2025 09:55		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP075657.D	09 Oct 2025 10:11		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP075658.D	09 Oct 2025 10:27		YP\AJ	Ok
7	Q3307-19RE	S-33(0-0.5)RE	PP075659.D	09 Oct 2025 10:44	AR1254+ AR1260 Hit DCB HIGH in both column	YP\AJ	Confirms
8	Q3309-10DL	S-40(0-0.5)DL	PP075660.D	09 Oct 2025 11:00	AR1260 Hit,	YP\AJ	Ok,M
9	PB170036BL	PB170036BL	PP075661.D	09 Oct 2025 12:16		YP\AJ	Ok
10	PB170036BS	PB170036BS	PP075662.D	09 Oct 2025 12:32		YP\AJ	Ok,M
11	Q3315-03	72-11989	PP075663.D	09 Oct 2025 12:48		YP\AJ	Ok
12	Q3315-01	314	PP075664.D	09 Oct 2025 13:05	DCB low 2nd column	YP\AJ	Ok,M
13	Q3313-01	ETGI-360	PP075665.D	09 Oct 2025 13:21		YP\AJ	Ok,M
14	Q3313-01MS	ETGI-360MS	PP075666.D	09 Oct 2025 13:37		YP\AJ	Ok,M
15	Q3313-01MSD	ETGI-360MSD	PP075667.D	09 Oct 2025 13:53	AR1016 recovery fail , RPD fail for AR1260	YP\AJ	Ok,M
16	Q3318-01	VNJ-207	PP075668.D	09 Oct 2025 14:10		YP\AJ	Ok
17	AR1660CCC500	AR1660CCC500	PP075669.D	09 Oct 2025 15:14		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100925

Review By	yogesh	Review On	10/9/2025 11:23:52 AM
Supervise By	mohammad	Supervise On	10/11/2025 1:37:14 AM
SubDirectory	PP100925	HP Acquire Method	HP Processing Method PP092325
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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			

18	AR1242CCC500	AR1242CCC500	PP075670.D	09 Oct 2025 15:31		YP\AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PP075671.D	09 Oct 2025 15:47		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP075672.D	09 Oct 2025 16:03		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP075673.D	09 Oct 2025 16:19		YP\AJ	Ok
22	Q3307-01	S-39(3.0-3.5)	PP075674.D	09 Oct 2025 16:35	AR248, AR1254 Hit need,5x dilution	YP\AJ	Dilution
23	Q3307-12	S-37(0-0.5)	PP075675.D	09 Oct 2025 16:52	AR1260 Hit need,100x dilution	YP\AJ	Dilution
24	Q3307-13	S-42(0-0.5)	PP075676.D	09 Oct 2025 17:08	AR1260 hit	YP\AJ	Ok,M
25	Q3319-01	OK-01-100825	PP075677.D	09 Oct 2025 17:24		YP\AJ	Ok
26	Q3314-01	BC226751-1-1	PP075678.D	09 Oct 2025 17:40		YP\AJ	Ok
27	Q3314-02	BC226751-1-2	PP075679.D	09 Oct 2025 17:57		YP\AJ	Ok,M
28	Q3314-03	9060-STJ18-1-1	PP075680.D	09 Oct 2025 18:13		YP\AJ	Ok,M
29	Q3314-04	9060-STJ18-1-2	PP075681.D	09 Oct 2025 18:29		YP\AJ	Ok,M
30	Q3314-05	BC278514-1-1	PP075682.D	09 Oct 2025 18:45		YP\AJ	Ok,M
31	Q3314-06	BC278514-1-2	PP075683.D	09 Oct 2025 19:01	TCMX low in sec column	YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP075684.D	09 Oct 2025 20:22		YP\AJ	Ok,M
33	AR1242CCC500	AR1242CCC500	PP075685.D	09 Oct 2025 20:55		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP075686.D	09 Oct 2025 21:11		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP075687.D	09 Oct 2025 21:27		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP075688.D	09 Oct 2025 21:44		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP100925

Review By	yogesh	Review On	10/9/2025 11:23:52 AM
Supervise By	mohammad	Supervise On	10/11/2025 1:37:14 AM
SubDirectory	PP100925	HP Acquire Method	HP Processing Method PP092325
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	PP24824,PP24828,PP24832,PP24836,PP24840,PP24844,PP24852		
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			

37	PB170040BL	PB170040BL	PP075689.D	09 Oct 2025 22:00		YPIAJ	Ok,M
38	PB170040BS	PB170040BS	PP075690.D	09 Oct 2025 22:16		YPIAJ	Ok,M
39	PB170035BL	PB170035BL	PP075691.D	09 Oct 2025 22:32		YPIAJ	Ok
40	PB170035BS	PB170035BS	PP075692.D	09 Oct 2025 22:48		YPIAJ	Ok,M
41	Q3284-01	100225H401-P	PP075693.D	09 Oct 2025 23:05		YPIAJ	Ok
42	Q3317-01	BC122903-1-1	PP075694.D	09 Oct 2025 23:21		YPIAJ	Ok
43	Q3317-02	BC122903-1-2	PP075695.D	09 Oct 2025 23:37		YPIAJ	Ok
44	Q3317-03	Y2404-0055-1-1	PP075696.D	09 Oct 2025 23:53		YPIAJ	Ok,M
45	Q3317-04	Y2404-0055-1-1	PP075697.D	10 Oct 2025 00:10		YPIAJ	Ok,M
46	AR1660CCC500	AR1660CCC500	PP075698.D	10 Oct 2025 01:30		YPIAJ	Ok,M
47	AR1242CCC500	AR1242CCC500	PP075699.D	10 Oct 2025 02:03		YPIAJ	Ok,M
48	AR1248CCC500	AR1248CCC500	PP075700.D	10 Oct 2025 02:19		YPIAJ	Ok,M
49	AR1254CCC500	AR1254CCC500	PP075701.D	10 Oct 2025 02:35		YPIAJ	Ok,M
50	I.BLK	I.BLK	PP075702.D	10 Oct 2025 02:51		YPIAJ	Ok

M : Manual Integration



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/6/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/03/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:40
Out Date: 10/04/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137424

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
Q3249-11	S-9(4-4.5)	1	1.15	10.63	11.78	9.53	78.8	
Q3279-05	SVOC-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3279-06	PEST-GPC-BLANK	3	1.00	1.00	2.00	2.00	100.0	
Q3279-07	PEST-GPC-BLANK-SPIKE	4	1.00	1.00	2.00	2.00	100.0	
Q3279-08	SVOC-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3279-09	PEST-GPC2-BLANK	6	1.00	1.00	2.00	2.00	100.0	
Q3279-10	PEST-GPC2-BLANK-SPIKE	7	1.00	1.00	2.00	2.00	100.0	
Q3284-01	100225H401-P	8	1.00	1.00	2.00	2.00	100.0	Caulk sample
Q3286-01	245F102-1-1	9	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3286-02	245F102-1-2	10	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3286-03	245F102-2-1	11	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3286-04	245F102-2-2	12	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3287-01	TSS-25-0001-0002	13	1.00	1.00	2.00	2.00	100.0	oil sample
Q3288-01	TR-01-100325	14	1.11	10.43	11.54	10.8	92.9	
Q3288-02	TR-01-100325-E2	15	1.19	10.50	11.69	10.6	89.6	
Q3289-01	VNJ-240	16	1.11	10.65	11.76	11.09	93.7	
Q3289-03	VNJ-261	17	1.13	10.85	11.98	10.57	87.0	
Q3289-05	72-11966	18	1.16	10.48	11.64	10.58	89.9	
Q3290-01	CL-02-100325	19	1.18	10.53	11.71	11.22	95.3	
Q3290-02	CL-02-100325-E2	20	1.13	10.98	12.11	11.53	94.7	

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

WORKLIST(Hardcopy Internal Chain)

137424

WorkList Name : %1-100325 WorkList ID : 192273 Department : Wet-Chemistry Date : 10-03-2025 09:09:42

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3249-11	S-9(4-4.5)	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	09/29/2025	Chemtech -SO
Q3279-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	09/26/2025	Chemtech -SO
Q3279-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	09/26/2025	Chemtech -SO
Q3279-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	09/26/2025	Chemtech -SO
Q3279-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	09/26/2025	Chemtech -SO
Q3279-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	09/26/2025	Chemtech -SO
Q3279-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	D31	09/26/2025	Chemtech -SO
Q3284-01	100225H401-P	Solid	Percent Solids	Cool 4 deg C	CLOU03	D31	10/02/2025	Chemtech -SO
Q3286-01	245F102-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3286-02	245F102-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3286-03	245F102-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3286-04	245F102-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3287-01	TSS-25-0001-0002	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3288-01	TR-01-100325	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/03/2025	Chemtech -SO
Q3288-02	TR-01-100325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/03/2025	Chemtech -SO
Q3289-01	VNJ-240	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3289-03	VNJ-261	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3289-05	72-11966	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/03/2025	Chemtech -SO
Q3290-01	CL-02-100325	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/03/2025	Chemtech -SO
Q3290-02	CL-02-100325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/03/2025	Chemtech -SO

Date/Time 10/03/25 16:15
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: JWC

Date/Time 10/03/25 18:00
 Raw Sample Received by: JWC
 Raw Sample Relinquished by: JWC

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Extraction Start Date : 10/09/2025

Matrix : Solid

Extraction Start Time : 08:40

Wegh By: EH

Extraction By: RJ

Extraction End Date : 10/09/2025

Balance check: EH

Filter By: RJ

Extraction End Time : 11:45

Balance ID: EX-SC-2

pH Meter ID: N/A

Concentration By: EH

pH Strip Lot#: N/A

Hood ID: 3,7

Supervisor By : ritesh

Extraction Method: ☐ Separatory Funnel

☐ Continous Liquid/Liquid

☐ Sonication

☐ Waste Dilution

☒ Soxhlet

Standard Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
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	EP2643
Baked Na2SO4	N/A	EP2646
Hexane	N/A	E3974
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. NO MS/MSD Performed as Sample is Caulk Mat. with Limited Volume

KD Bath ID: N/A

Envap ID: NEVAP-02

KD Bath Temperature: N/A

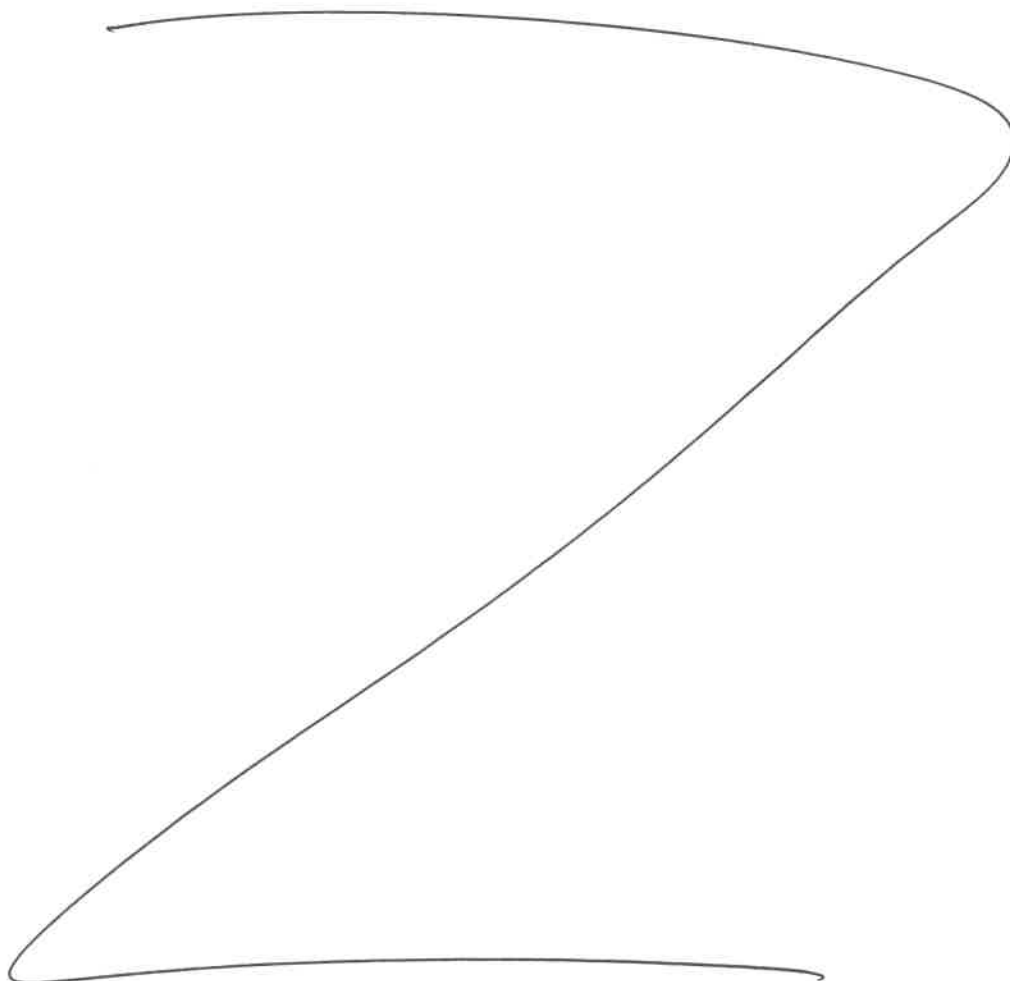
Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/09/25	RJ (EXT-1000)	T.P. Pugh-IPB
11:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/09/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170035BL	ABLK035	PCB	30.01	N/A	ritesh	Evelyn	10			U6-1
PB170035BS	ALCS035	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3284-01	100225H401-P	PCB	0.86	N/A	ritesh	Evelyn	10		Caulk	3


RJ
10/09

170035
07:08

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3284 WorkList ID : 192364 Department : Extraction Date : 10-09-2025 08:35:16

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3284-01	100225H401-P	Solid	PCB	Cool 4 deg C	CLOU03	D31	10/02/2025	8082A

Date/Time 10/09/25 8:35
Raw Sample Received by: BS (ext-106)
Raw Sample Relinquished by: BS

Date/Time 10/09/25 8:45
Raw Sample Received by: BS
Raw Sample Relinquished by: BS c 628-106



SHIPPING DOCUMENTS

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