

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:	Q3461	OrderDate:	10/24/2025 1:28:00 PM
Client:	Matrix New World Engineering	Project:	PSEG Athenia Substation
Contact:	Christopher Pittarese	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3461-01	SS-9R(4.5-5.0)	SOIL			10/24/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
Q3461-01DL	SS-9R(4.5-5.0)DL	SOIL			10/24/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
Q3461-02	SS-9R(5.0-5.5)	SOIL			10/24/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
Q3461-02DL	SS-9R(5.0-5.5)DL	SOIL			10/24/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
Q3461-03	SS-25(4.5-5.0)	SOIL			10/24/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	
Q3461-04	SS-25(5.0-5.5)	SOIL			10/24/25			10/24/25
			PCB	8082A		10/28/25	10/28/25	

Hit Summary Sheet
SW-846

SDG No.: Q3461

Order ID: Q3461

Client: Matrix New World Engineering

Project ID: PSEG Athenia Substation

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	SS-9R(4.5-5.0)							
Q3461-01	SS-9R(4.5-5.0)	SOIL	Aroclor-1254	584	E	3.60	19.2	ug/kg
			Total Concentration:	584.000				
Client ID :	SS-9R(4.5-5.0)DL							
Q3461-01DL	SS-9R(4.5-5.0)DL	SOIL	Aroclor-1254	521	D	7.30	38.5	ug/kg
			Total Concentration:	521.000				
Client ID :	SS-9R(5.0-5.5)							
Q3461-02	SS-9R(5.0-5.5)	SOIL	Aroclor-1254	19000	E	3.80	20.0	ug/kg
			Total Concentration:	19,000.000				
Client ID :	SS-9R(5.0-5.5)DL							
Q3461-02DL	SS-9R(5.0-5.5)DL	SOIL	Aroclor-1254	14000	D	377	2000	ug/kg
			Total Concentration:	14,000.000				
Client ID :	SS-25(4.5-5.0)							
Q3461-03	SS-25(4.5-5.0)	SOIL	Aroclor-1254	29.2		3.90	20.6	ug/kg
			Total Concentration:	29.200				
Client ID :	SS-25(5.0-5.5)							
Q3461-04	SS-25(5.0-5.5)	SOIL	Aroclor-1254	60.8		3.60	19.3	ug/kg
			Total Concentration:	60.800				



QC SUMMARY

Surrogate Summary

SDG No.: Q3461

Client: Matrix New World Engineering

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO114312.D	PIBLK-PO114312.D	Tetrachloro-m-xyl	1	20	18.6	93		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.2	96		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.9	94		70 (60)	130 (140)
		Decachlorobiphen	2	20	19.0	95		70 (60)	130 (140)
I.BLK-PO114699.D	PIBLK-PO114699.D	Tetrachloro-m-xyl	1	20	20.4	102		70 (60)	130 (140)
		Decachlorobiphen	1	20	19.7	98		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.1	90		70 (60)	130 (140)
		Decachlorobiphen	2	20	19.5	97		70 (60)	130 (140)
Q3461-01	SS-9R(4.5-5.0)	Tetrachloro-m-xyl	1	20	27.7	139		30 (32)	150 (144)
		Decachlorobiphen	1	20	23.8	119		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	24.4	122		30 (32)	150 (144)
		Decachlorobiphen	2	20	24.0	120		30 (32)	150 (175)
Q3461-02	SS-9R(5.0-5.5)	Tetrachloro-m-xyl	1	20	24.4	122		30 (32)	150 (144)
		Decachlorobiphen	1	20	20.2	101		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	21.8	109		30 (32)	150 (144)
		Decachlorobiphen	2	20	20.2	101		30 (32)	150 (175)
Q3461-03	SS-25(4.5-5.0)	Tetrachloro-m-xyl	1	20	23.9	119		30 (32)	150 (144)
		Decachlorobiphen	1	20	18.9	95		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	22.0	110		30 (32)	150 (144)
		Decachlorobiphen	2	20	19.4	97		30 (32)	150 (175)
Q3461-04	SS-25(5.0-5.5)	Tetrachloro-m-xyl	1	20	21.6	108		30 (32)	150 (144)
		Decachlorobiphen	1	20	17.7	88		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	19.6	98		30 (32)	150 (144)
		Decachlorobiphen	2	20	18.3	91		30 (32)	150 (175)
Q3461-01DL	SS-9R(4.5-5.0)DL	Tetrachloro-m-xyl	1	20	24.5	123		30 (32)	150 (144)
		Decachlorobiphen	1	20	21.1	106		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	22.4	112		30 (32)	150 (144)
		Decachlorobiphen	2	20	21.2	106		30 (32)	150 (175)
Q3461-02DL	SS-9R(5.0-5.5)DL	Tetrachloro-m-xyl	1	20	0	0	*	30 (32)	150 (144)
		Decachlorobiphen	1	20	0	0	*	30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	0	0	*	30 (32)	150 (144)
		Decachlorobiphen	2	20	0	0	*	30 (32)	150 (175)
Q3461-01MS	SS-9R(4.5-5.0)MS	Tetrachloro-m-xyl	1	20	28.3	142		30 (32)	150 (144)
		Decachlorobiphen	1	20	24.5	123		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	24.2	121		30 (32)	150 (144)
		Decachlorobiphen	2	20	24.8	124		30 (32)	150 (175)
Q3461-01MSD	SS-9R(4.5-5.0)MSD	Tetrachloro-m-xyl	1	20	27.3	137		30 (32)	150 (144)
		Decachlorobiphen	1	20	23.0	115		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	23.9	119		30 (32)	150 (144)
		Decachlorobiphen	2	20	23.1	116		30 (32)	150 (175)
I.BLK-PO114713.D	PIBLK-PO114713.D	Tetrachloro-m-xyl	1	20	20.2	101		70 (60)	130 (140)

() = LABORATORY INHOUSE LIMIT

Surrogate Summary

SDG No.: Q3461

Client: Matrix New World Engineering

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PO114713.D	PIBLK-PO114713.D	Decachlorobiphen	1	20	20.0	100		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.1	91		70 (60)	130 (140)
I.BLK-PP075887.D	PIBLK-PP075887.D	Decachlorobiphen	2	20	20.2	101		70 (60)	130 (140)
		Tetrachloro-m-xyl	1	20	19.9	100		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.4	102		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	18.8	94		70 (60)	130 (140)
I.BLK-PP076131.D	PIBLK-PP076131.D	Decachlorobiphen	2	20	19.3	96		70 (60)	130 (140)
		Tetrachloro-m-xyl	1	20	17.9	90		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.8	94		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	16.3	81		70 (60)	130 (140)
PB170282BL	PB170282BL	Decachlorobiphen	2	20	16.2	81		70 (60)	130 (140)
		Tetrachloro-m-xyl	1	20	24.6	123		30 (32)	150 (144)
		Decachlorobiphen	1	20	25.3	127		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	22.8	114		30 (32)	150 (144)
I.BLK-PP076146.D	PIBLK-PP076146.D	Decachlorobiphen	2	20	22.0	110		30 (32)	150 (175)
		Tetrachloro-m-xyl	1	20	17.8	89		70 (60)	130 (140)
		Decachlorobiphen	1	20	18.4	92		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	15.8	79		70 (60)	130 (140)
I.BLK-PP076152.D	PIBLK-PP076152.D	Decachlorobiphen	2	20	15.1	75		70 (60)	130 (140)
		Tetrachloro-m-xyl	1	20	20.1	101		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.4	102		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	19.1	95		70 (60)	130 (140)
PB170282BS	PB170282BS	Decachlorobiphen	2	20	16.9	85		70 (60)	130 (140)
		Tetrachloro-m-xyl	1	20	21.8	109		30 (32)	150 (144)
		Decachlorobiphen	1	20	22.1	110		30 (32)	150 (175)
		Tetrachloro-m-xyl	2	20	19.1	96		30 (32)	150 (144)
I.BLK-PP076163.D	PIBLK-PP076163.D	Decachlorobiphen	2	20	18.4	92		30 (32)	150 (175)
		Tetrachloro-m-xyl	1	20	19.8	99		70 (60)	130 (140)
		Decachlorobiphen	1	20	20.5	103		70 (60)	130 (140)
		Tetrachloro-m-xyl	2	20	17.9	89		70 (60)	130 (140)
		Decachlorobiphen	2	20	16.4	82		70 (60)	130 (140)

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3461</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Matrix New World Engineering</u>	DataFile :	<u>PO114707.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3461-01MS		Client Sample ID:	SS-9R(4.5-5.0)MS							
(Column 1)											
AR1016	188.7	0	209	ug/kg	111				40 (55)	140 (146)	
AR1260	188.7	0	306	ug/kg	162	*			40 (54)	140 (119)	
Lab Sample ID:	Q3461-01MS		Client Sample ID:	SS-9R(4.5-5.0)MS							
(Column 2)											
AR1016	188.7	0	211	ug/kg	112				40 (55)	140 (146)	
AR1260	188.7	0	326	ug/kg	173	*			40 (54)	140 (119)	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q3461</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Matrix New World Engineering</u>	DataFile :	<u>PO114708.D</u>

		Sample				Rec		RPD		Limits	
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q3461-01MSD	Client Sample ID:		SS-9R(4.5-5.0)MSD							
(Column 1)											
AR1016	188.5	0	207	ug/kg	110		1		40 (55)	140 (146)	30 (15)
AR1260	188.5	0	369	ug/kg	196	*	19		40 (54)	140 (119)	30 (15)
Lab Sample ID:	Q3461-01MSD	Client Sample ID:		SS-9R(4.5-5.0)MSD							
(Column 2)											
AR1016	188.5	0	226	ug/kg	120		7		40 (55)	140 (146)	30 (15)
AR1260	188.5	0	392	ug/kg	208	*	18		40 (54)	140 (119)	30 (15)

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q3461</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Matrix New World Engineering</u>	Datafile :	<u>PP076153.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB170282BS (Column 1)	AR1016	166.6	166	ug/kg	100				40 (71)	140 (120)	
	AR1260	166.6	164	ug/kg	98				40 (65)	140 (130)	
PB170282BS (Column 2)	AR1016	166.6	159	ug/kg	95				40 (71)	140 (120)	
	AR1260	166.6	171	ug/kg	103				40 (65)	140 (130)	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB170282BL

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: PB170282BL

Lab File ID: PP076132.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 10/28/2025

Date Analyzed (1): 10/28/2025

Date Analyzed (2): 10/28/2025

Time Analyzed (1): 16:13

Time Analyzed (2): 16:13

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
SS-9R(4.5-5.0)	Q3461-01	PO114700.D	10/28/2025	10/28/2025
SS-9R(5.0-5.5)	Q3461-02	PO114701.D	10/28/2025	10/28/2025
SS-25(4.5-5.0)	Q3461-03	PO114702.D	10/28/2025	10/28/2025
SS-25(5.0-5.5)	Q3461-04	PO114703.D	10/28/2025	10/28/2025
SS-9R(4.5-5.0)MS	Q3461-01MS	PO114707.D	10/28/2025	10/28/2025
SS-9R(4.5-5.0)MSD	Q3461-01MSD	PO114708.D	10/28/2025	10/28/2025
PB170282BS	PB170282BS	PP076153.D	10/29/2025	10/29/2025

COMMENTS: _____



SAMPLE DATA



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

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	10/24/25
Project:	PSEG Athenia Substation		Date Received:	10/24/25
Client Sample ID:	SS-9R(4.5-5.0)		SDG No.:	Q3461
Lab Sample ID:	Q3461-01		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	88.2
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.50	U	1	4.50	19.2	ug/kg	10/28/25 11:52	PB170282
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.2	ug/kg	10/28/25 11:52	PB170282
11141-16-5	Aroclor-1232	4.20	U	1	4.20	19.2	ug/kg	10/28/25 11:52	PB170282
53469-21-9	Aroclor-1242	4.50	U	1	4.50	19.2	ug/kg	10/28/25 11:52	PB170282
12672-29-6	Aroclor-1248	6.70	U	1	6.70	19.2	ug/kg	10/28/25 11:52	PB170282
11097-69-1	Aroclor-1254	584	E	1	3.60	19.2	ug/kg	10/28/25 11:52	PB170282
37324-23-5	Aroclor-1262	5.70	U	1	5.70	19.2	ug/kg	10/28/25 11:52	PB170282
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.2	ug/kg	10/28/25 11:52	PB170282
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.2	ug/kg	10/28/25 11:52	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.7			30 (32) - 150 (144)	139%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.0			30 (32) - 150 (175)	120%	SPK: 20		

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_0\Data\PO102825\
 Data File : PO114700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 11:52
 Operator : YP/AJ
 Sample : Q3461-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :
 SS-9R(4.5-5.0)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 12:47:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.356	3.655	150.5E6	97677552	27.731	24.406
2) SA Decachlor...	9.943	8.650	86642810	79936177	23.796	23.982
Target Compounds						
26) L6 AR-1254-1	6.339	5.535	202.0E6	234.7E6	1157.919	883.534
27) L6 AR-1254-2	6.554	5.681	389.2E6	265.5E6	1527.979m	1114.301 #
28) L6 AR-1254-3	6.915	6.083	470.3E6	498.8E6	1627.502	1407.525
29) L6 AR-1254-4	7.196	6.312	404.9E6	374.9E6	1711.024	1452.299
30) L6 AR-1254-5	7.611	6.728	378.0E6	539.0E6	1722.381	1683.183

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:52
Operator : YP/AJ
Sample : Q3461-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

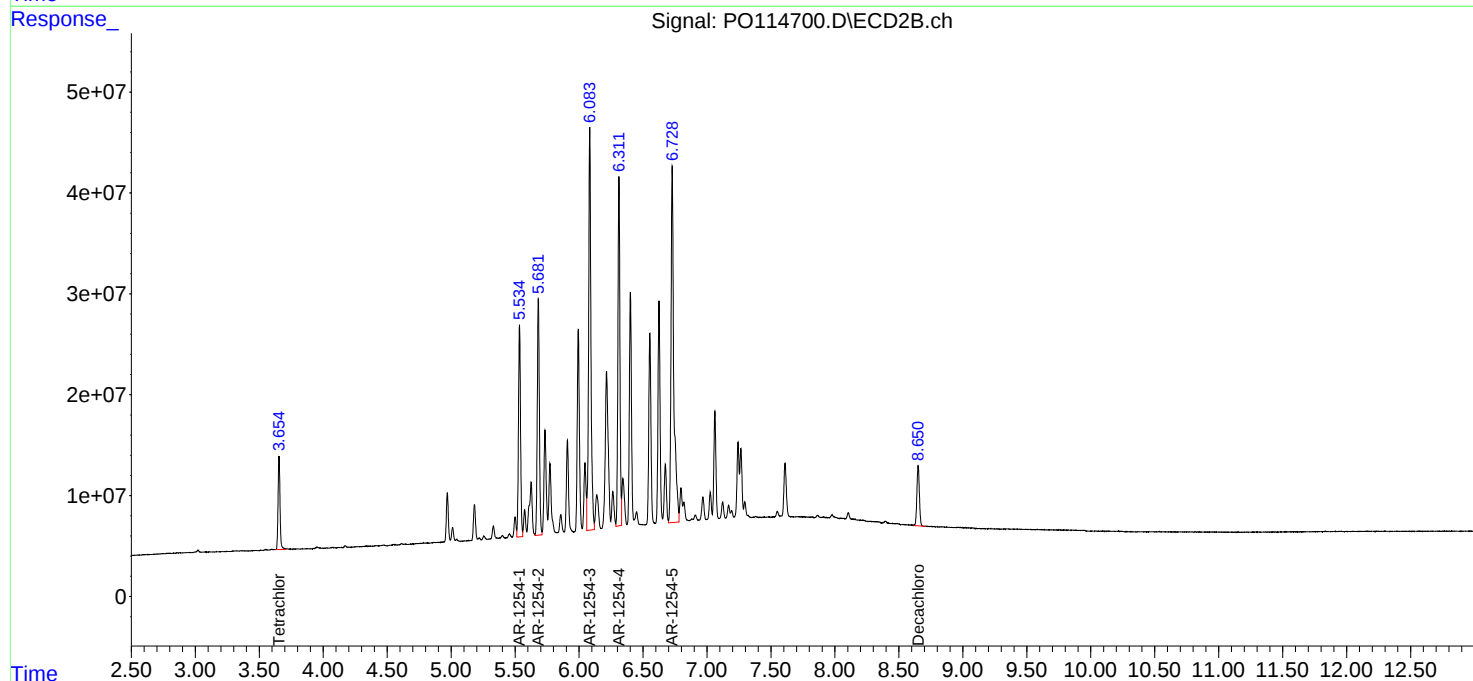
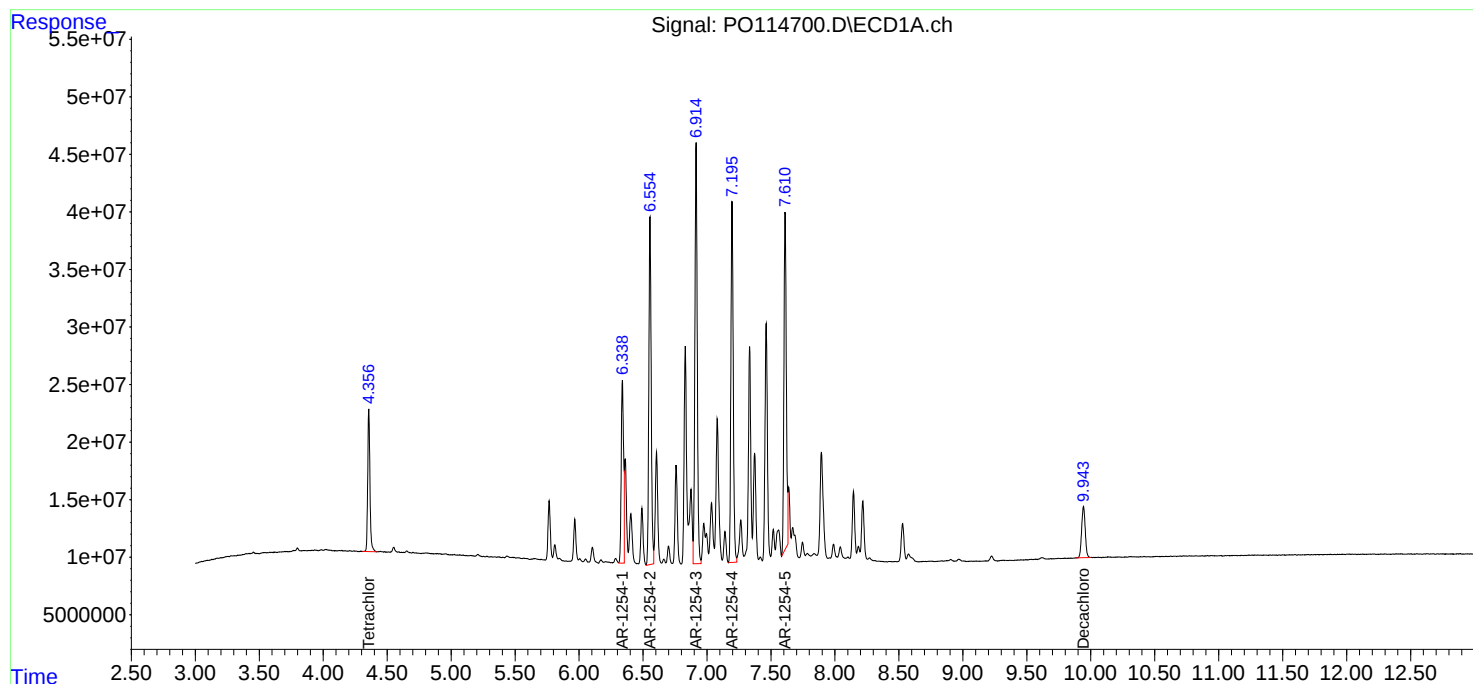
Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)

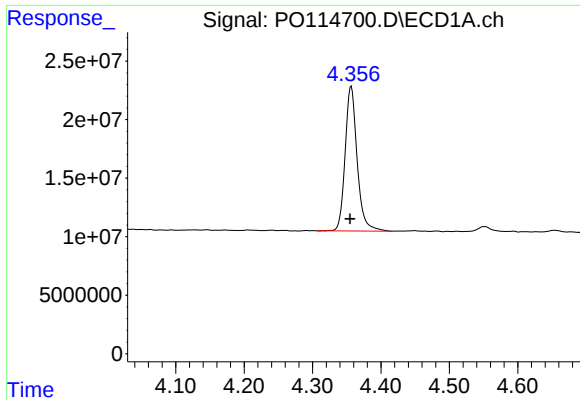
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:47:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





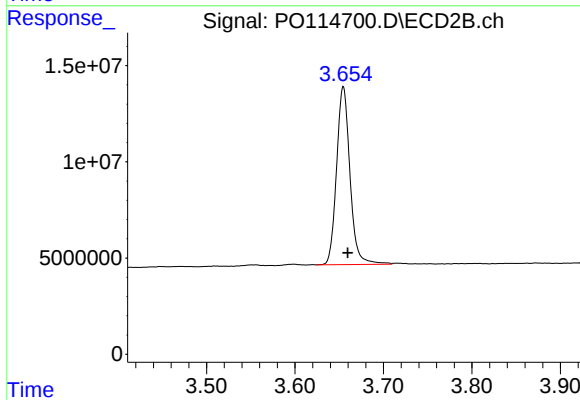
#1 Tetrachloro-m-xylene

R.T.: 4.356 min
Delta R.T.: 0.001 min
Response: 150548167
Conc: 27.73 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)

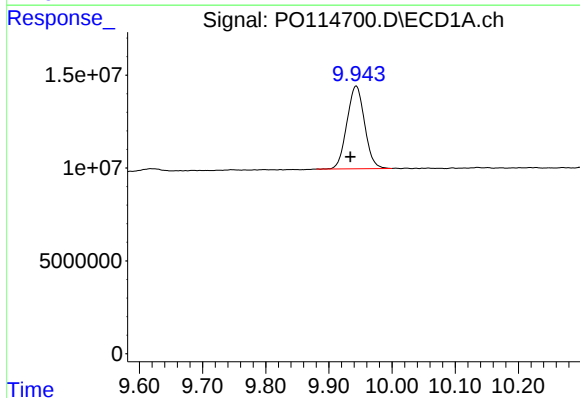
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



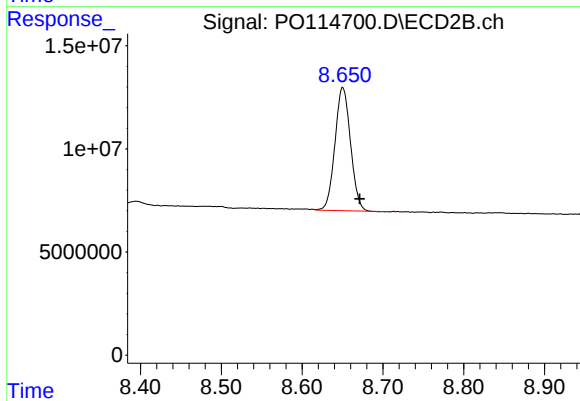
#1 Tetrachloro-m-xylene

R.T.: 3.655 min
Delta R.T.: -0.005 min
Response: 97677552
Conc: 24.41 ng/ml



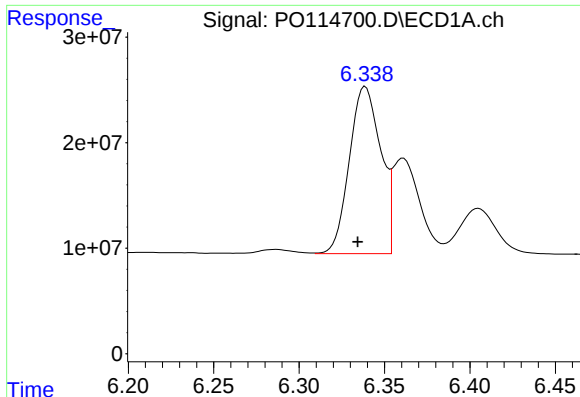
#2 Decachlorobiphenyl

R.T.: 9.943 min
Delta R.T.: 0.009 min
Response: 86642810
Conc: 23.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.650 min
Delta R.T.: -0.021 min
Response: 79936177
Conc: 23.98 ng/ml



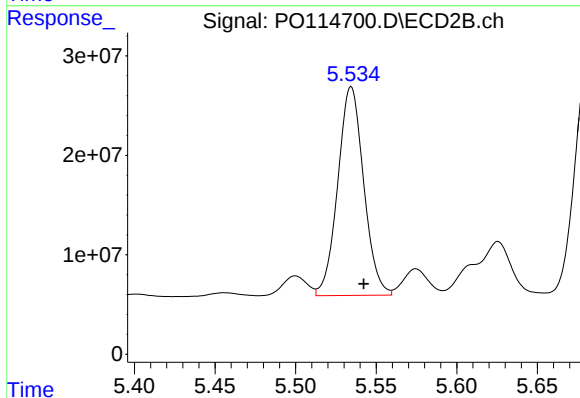
#26 AR-1254-1

R.T.: 6.339 min
Delta R.T.: 0.004 min
Response: 202003154
Conc: 1157.92 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)

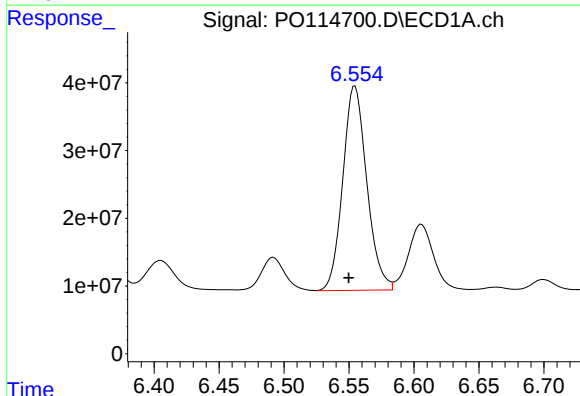
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



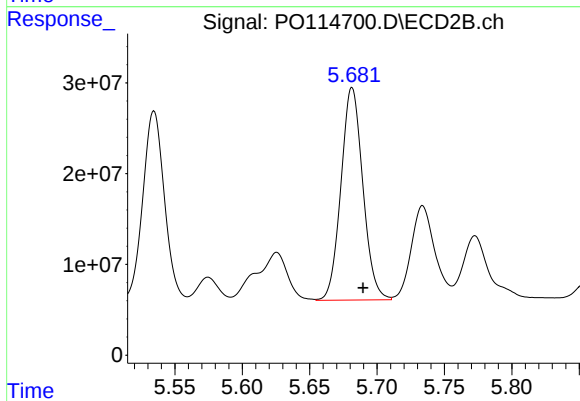
#26 AR-1254-1

R.T.: 5.535 min
Delta R.T.: -0.008 min
Response: 234749702
Conc: 883.53 ng/ml



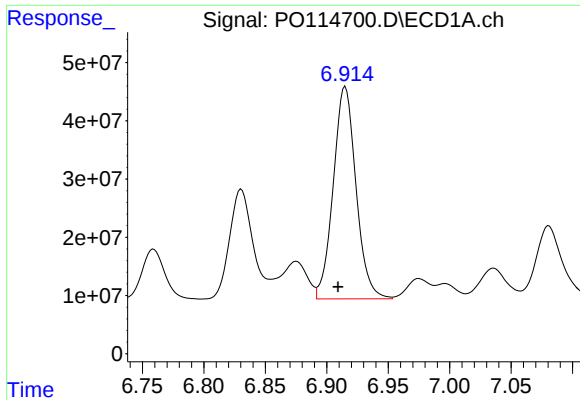
#27 AR-1254-2

R.T.: 6.554 min
Delta R.T.: 0.004 min
Response: 389186389
Conc: 1527.98 ng/ml



#27 AR-1254-2

R.T.: 5.681 min
Delta R.T.: -0.008 min
Response: 265462023
Conc: 1114.30 ng/ml



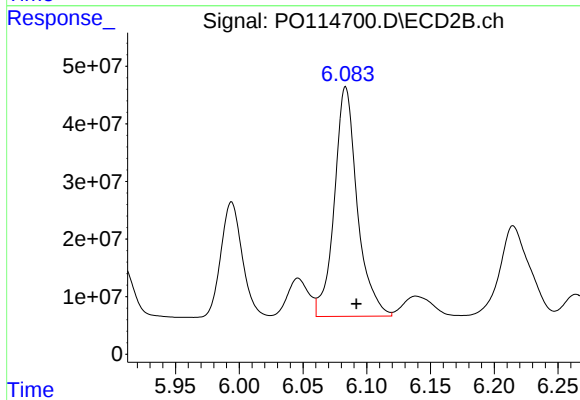
#28 AR-1254-3

R.T.: 6.915 min
Delta R.T.: 0.006 min
Response: 470251214
Conc: 1627.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)

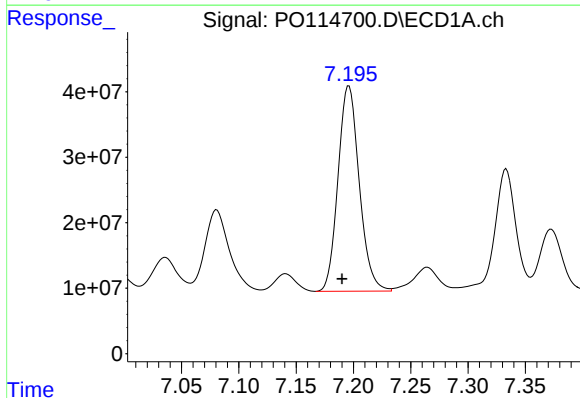
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



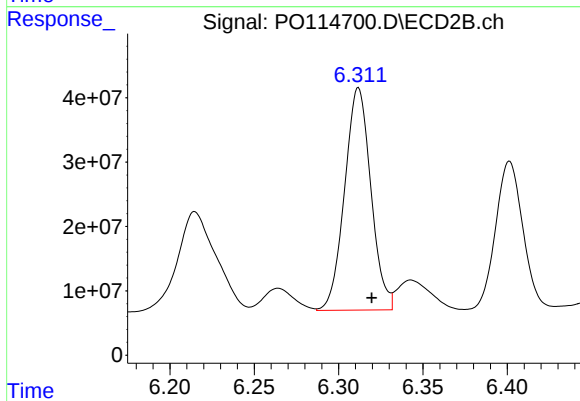
#28 AR-1254-3

R.T.: 6.083 min
Delta R.T.: -0.008 min
Response: 498837098
Conc: 1407.52 ng/ml



#29 AR-1254-4

R.T.: 7.196 min
Delta R.T.: 0.006 min
Response: 404907367
Conc: 1711.02 ng/ml



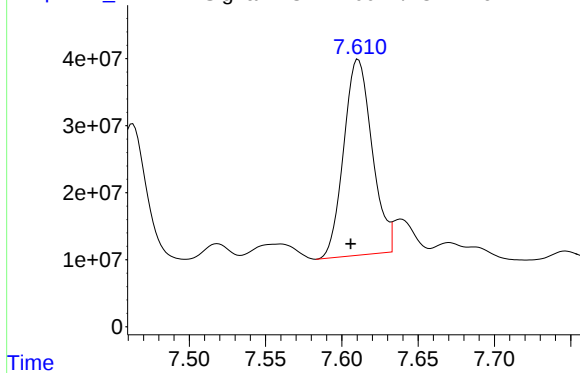
#29 AR-1254-4

R.T.: 6.312 min
Delta R.T.: -0.008 min
Response: 374920705
Conc: 1452.30 ng/ml

Response_

Signal: PO114700.D\ECD1A.ch

#30 AR-1254-5



R.T.: 7.611 min
Delta R.T.: 0.005 min
Response: 378020849
Conc: 1722.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)

Manual Integrations
APPROVED

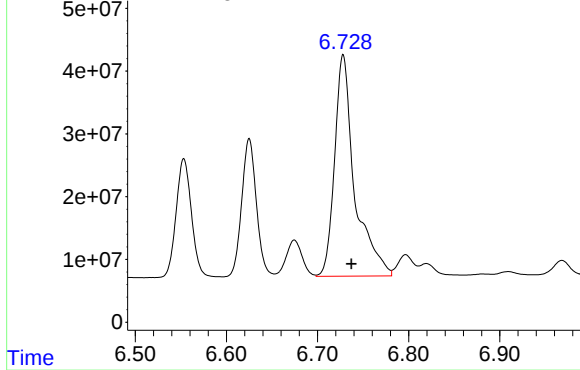
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025

Time

Response_

Signal: PO114700.D\ECD2B.ch

#30 AR-1254-5



R.T.: 6.728 min
Delta R.T.: -0.009 min
Response: 538961214
Conc: 1683.18 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	10/24/25
Project:	PSEG Athenia Substation		Date Received:	10/24/25
Client Sample ID:	SS-9R(4.5-5.0)DL		SDG No.:	Q3461
Lab Sample ID:	Q3461-01DL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	88.2
Sample Wt/Vol:	30.06 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	8.90	UD	2	8.90	38.5	ug/kg	10/28/25 13:24	PB170282
11104-28-2	Aroclor-1221	9.10	UD	2	9.10	38.5	ug/kg	10/28/25 13:24	PB170282
11141-16-5	Aroclor-1232	8.40	UD	2	8.40	38.5	ug/kg	10/28/25 13:24	PB170282
53469-21-9	Aroclor-1242	9.10	UD	2	9.10	38.5	ug/kg	10/28/25 13:24	PB170282
12672-29-6	Aroclor-1248	13.4	UD	2	13.4	38.5	ug/kg	10/28/25 13:24	PB170282
11097-69-1	Aroclor-1254	521	D	2	7.30	38.5	ug/kg	10/28/25 13:24	PB170282
37324-23-5	Aroclor-1262	11.4	UD	2	11.4	38.5	ug/kg	10/28/25 13:24	PB170282
11100-14-4	Aroclor-1268	8.10	UD	2	8.10	38.5	ug/kg	10/28/25 13:24	PB170282
11096-82-5	Aroclor-1260	7.30	UD	2	7.30	38.5	ug/kg	10/28/25 13:24	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			30 (32) - 150 (144)	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	21.2			30 (32) - 150 (175)	106%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 13:24
 Operator : YP/AJ
 Sample : Q3461-01DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-9R(4.5-5.0)DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 13:55:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.351	3.654	66536218	44794848	12.256	11.192
2) SA Decachlor...	9.934	8.648	38483952	35313802	10.569	10.595m
Target Compounds						
26) L6 AR-1254-1	6.332	5.532	91675751	111.4E6	525.502	419.359
27) L6 AR-1254-2	6.548	5.679	173.9E6	124.2E6	682.882m	521.421
28) L6 AR-1254-3	6.908	6.082	210.5E6	228.7E6	728.522	645.212
29) L6 AR-1254-4	7.191	6.309	179.6E6	165.8E6	758.875	642.329
30) L6 AR-1254-5	7.605	6.726	166.4E6	242.0E6	758.378	755.768

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114705.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 13:24
Operator : YP/AJ
Sample : Q3461-01DL 2X
Misc :
ALS Vial : 21 Sample Multiplier: 1

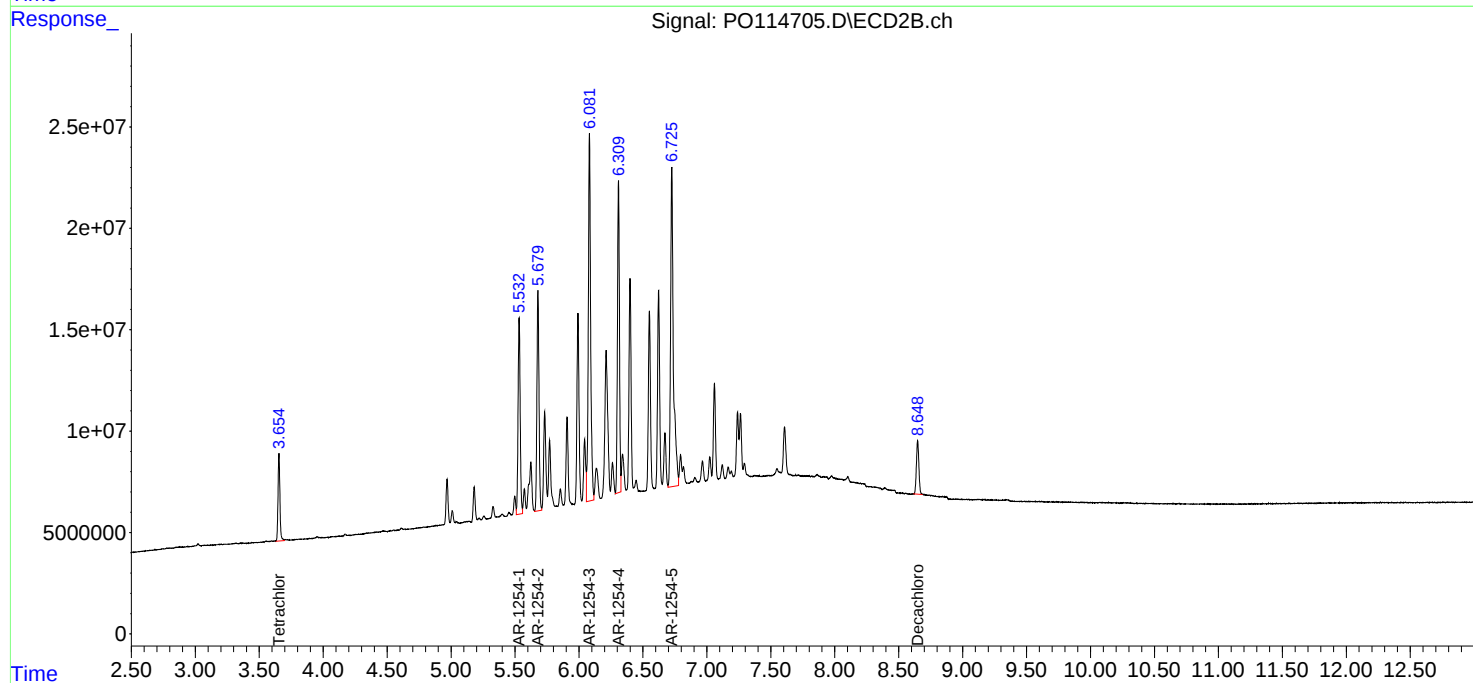
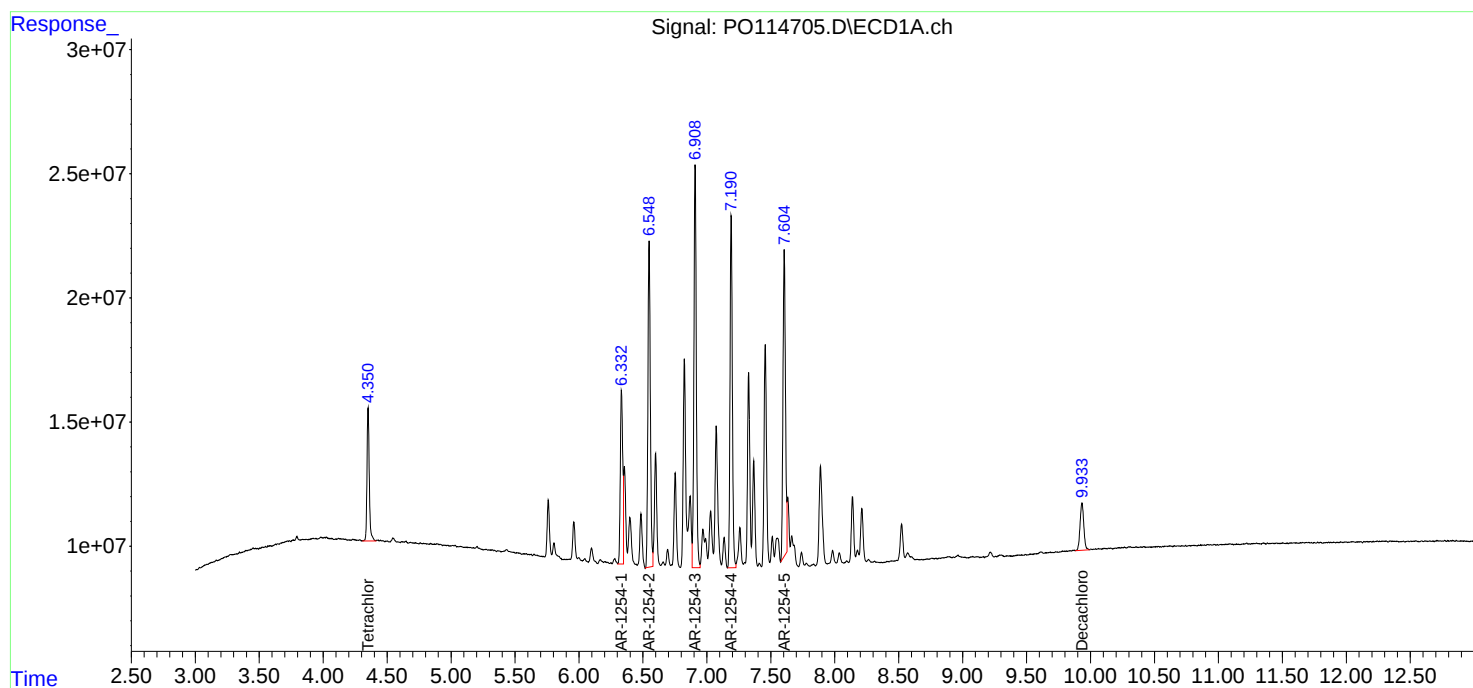
Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)DL

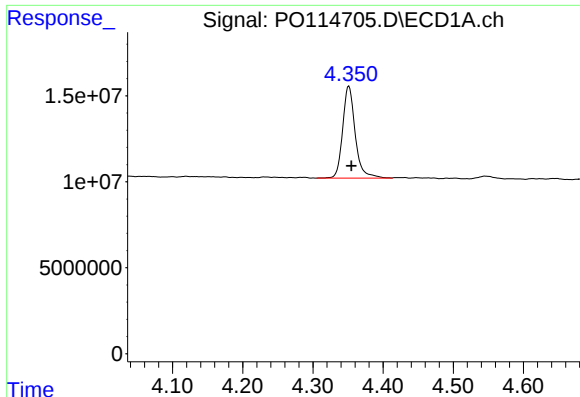
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:55:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





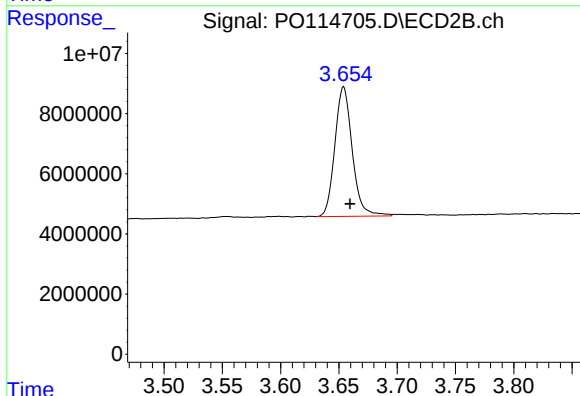
#1 Tetrachloro-m-xylene

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 66536218
Conc: 12.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)DL

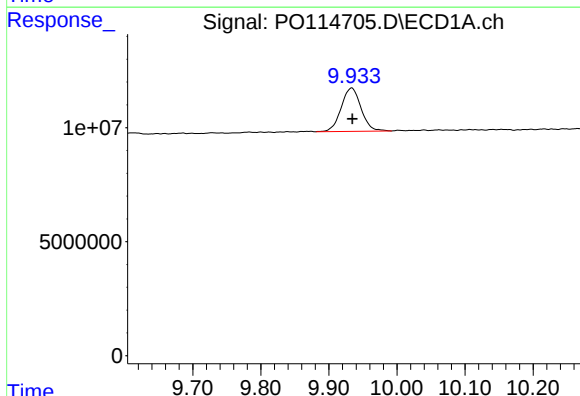
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



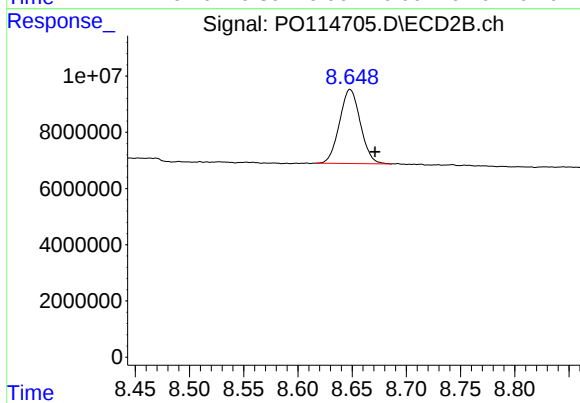
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.006 min
Response: 44794848
Conc: 11.19 ng/ml



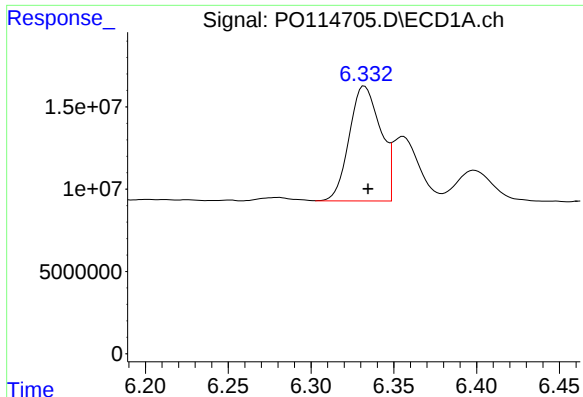
#2 Decachlorobiphenyl

R.T.: 9.934 min
Delta R.T.: 0.000 min
Response: 38483952
Conc: 10.57 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.024 min
Response: 35313802
Conc: 10.59 ng/ml m



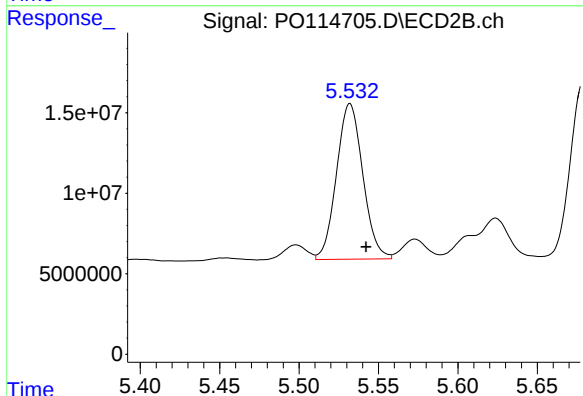
#26 AR-1254-1

R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 91675751
Conc: 525.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)DL

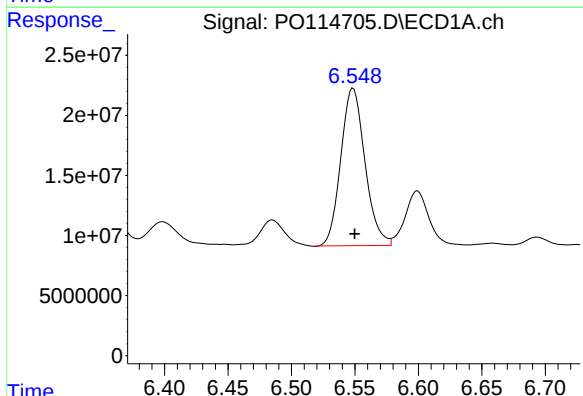
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



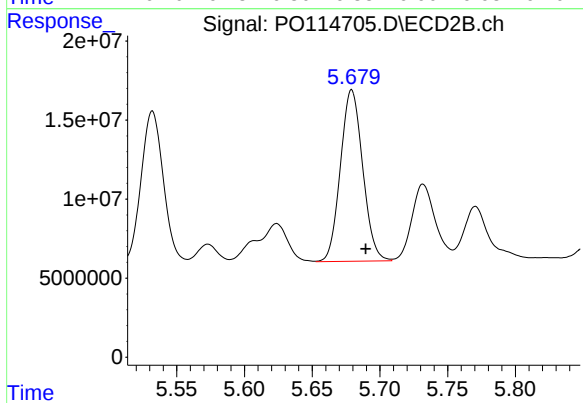
#26 AR-1254-1

R.T.: 5.532 min
Delta R.T.: -0.010 min
Response: 111421229
Conc: 419.36 ng/ml



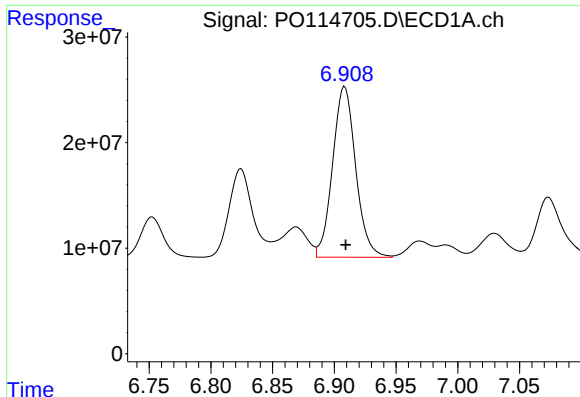
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 173934491
Conc: 682.88 ng/ml m



#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 124219259
Conc: 521.42 ng/ml



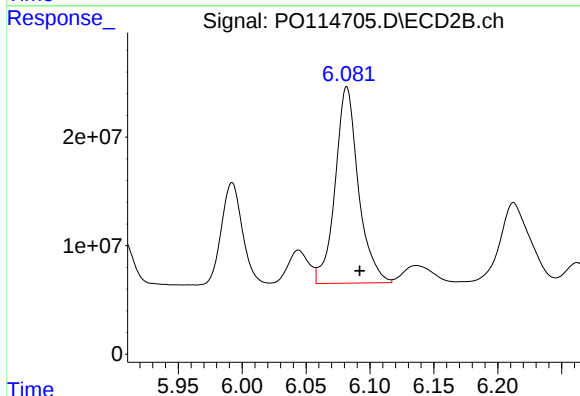
#28 AR-1254-3

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 210499630
Conc: 728.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)DL

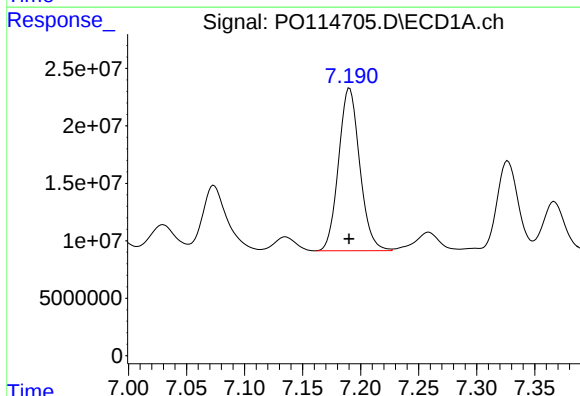
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



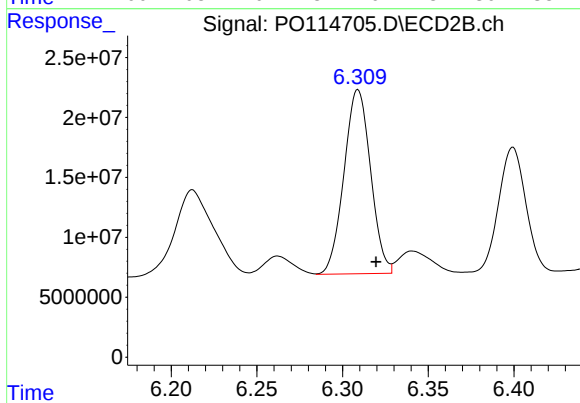
#28 AR-1254-3

R.T.: 6.082 min
Delta R.T.: -0.010 min
Response: 228667840
Conc: 645.21 ng/ml



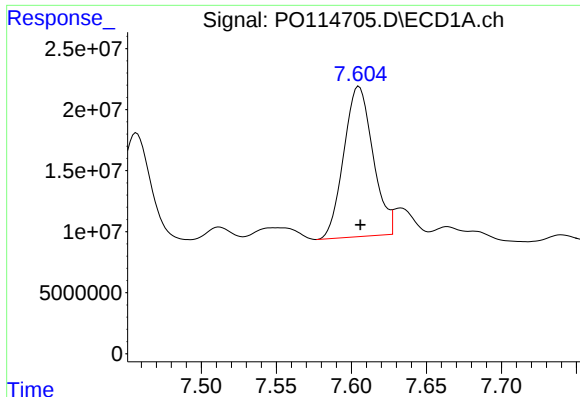
#29 AR-1254-4

R.T.: 7.191 min
Delta R.T.: 0.000 min
Response: 179584867
Conc: 758.87 ng/ml



#29 AR-1254-4

R.T.: 6.309 min
Delta R.T.: -0.011 min
Response: 165821545
Conc: 642.33 ng/ml



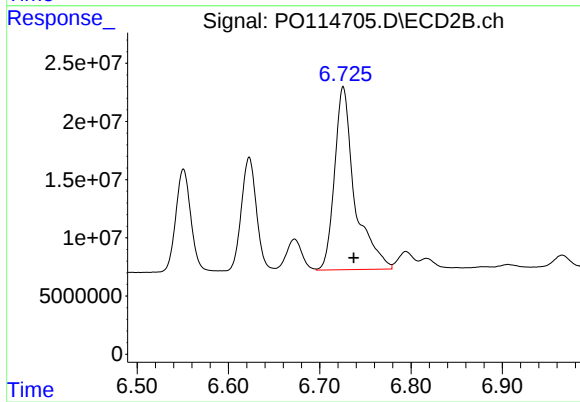
#30 AR-1254-5

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 166445640
Conc: 758.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)DL

Manual Integrations
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Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



#30 AR-1254-5

R.T.: 6.726 min
Delta R.T.: -0.011 min
Response: 241999503
Conc: 755.77 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	10/24/25
Project:	PSEG Athenia Substation		Date Received:	10/24/25
Client Sample ID:	SS-9R(5.0-5.5)		SDG No.:	Q3461
Lab Sample ID:	Q3461-02		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84.9
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.60	U	1	4.60	20.0	ug/kg	10/28/25 12:10	PB170282
11104-28-2	Aroclor-1221	4.70	U	1	4.70	20.0	ug/kg	10/28/25 12:10	PB170282
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.0	ug/kg	10/28/25 12:10	PB170282
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.0	ug/kg	10/28/25 12:10	PB170282
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.0	ug/kg	10/28/25 12:10	PB170282
11097-69-1	Aroclor-1254	19000	E	1	3.80	20.0	ug/kg	10/28/25 12:10	PB170282
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.0	ug/kg	10/28/25 12:10	PB170282
11100-14-4	Aroclor-1268	4.20	U	1	4.20	20.0	ug/kg	10/28/25 12:10	PB170282
11096-82-5	Aroclor-1260	3.80	U	1	3.80	20.0	ug/kg	10/28/25 12:10	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.4			30 (32) - 150 (144)	122%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.2			30 (32) - 150 (175)	101%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114701.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 12:10
 Operator : YP/AJ
 Sample : Q3461-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-9R(5.0-5.5)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 12:48:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.351	3.653	132.4E6	87408891	24.391	21.840
2) SA Decachlor...	9.932	8.647	73684557	67191760	20.237	20.158
Target Compounds						
26) L6 AR-1254-1	6.332	5.532	7442.1E6	7279.0E6	42659.499	27396.227 #
27) L6 AR-1254-2	6.551	5.679	11347.4E6	8318.7E6	44550.803	34918.413
28) L6 AR-1254-3	6.909	6.081	13712.7E6	16040.4E6	47458.560	45259.656
29) L6 AR-1254-4	7.187	6.309	12643.0E6	11894.4E6	53425.616	46074.428
30) L6 AR-1254-5	7.602	6.726	12133.6E6	17356.6E6	55284.433	54204.939

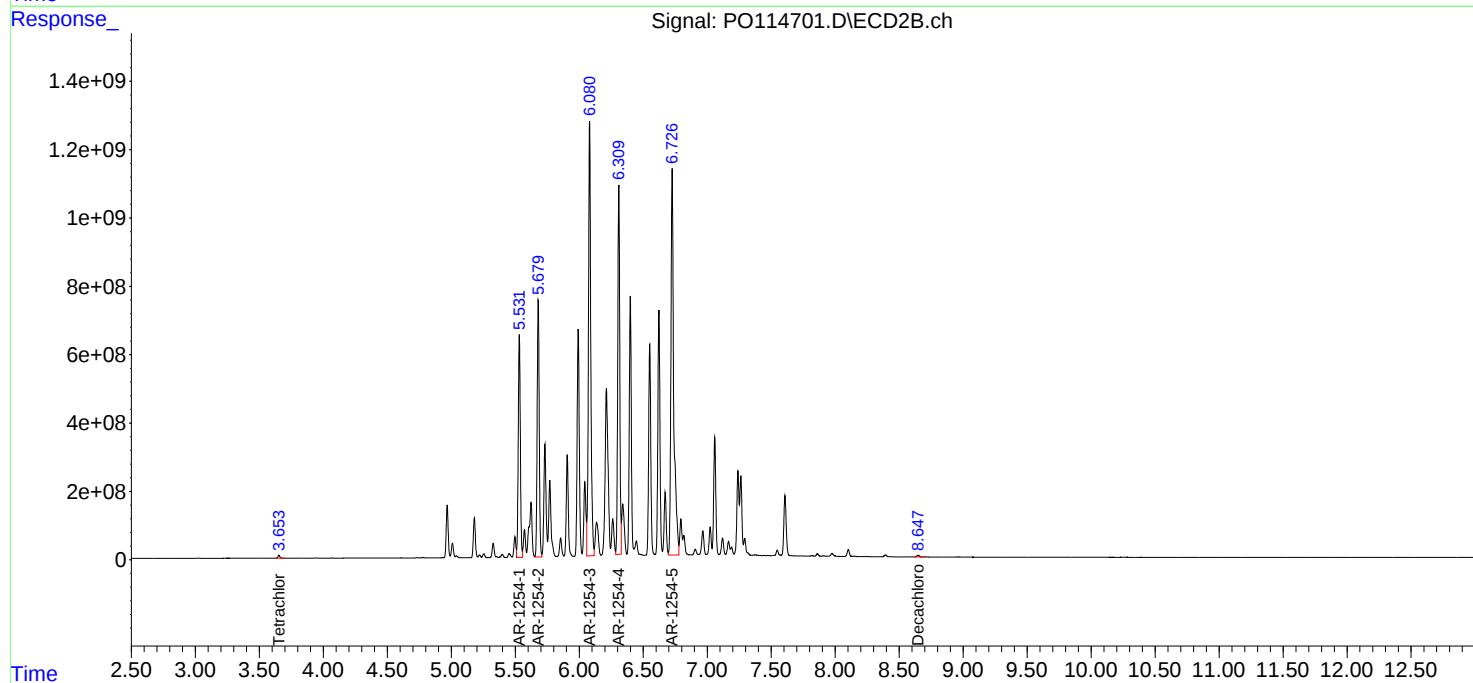
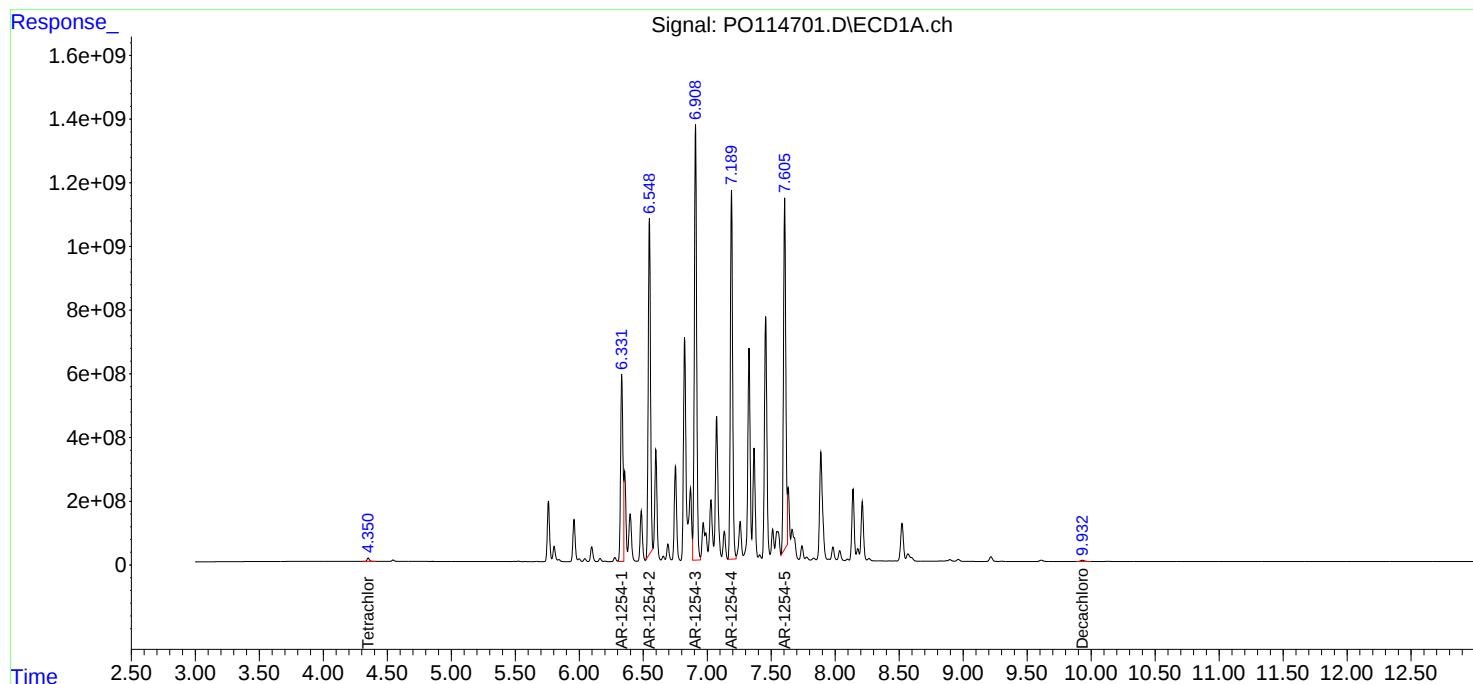
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

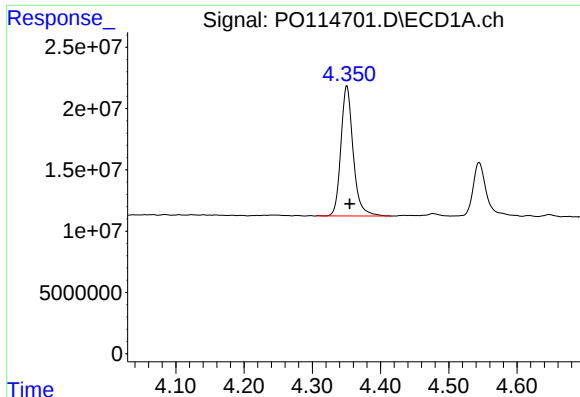
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114701.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:10
Operator : YP/AJ
Sample : Q3461-02
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:48:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

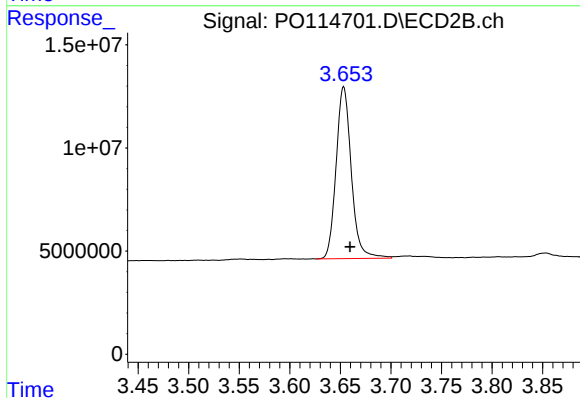




#1 Tetrachloro-m-xylene

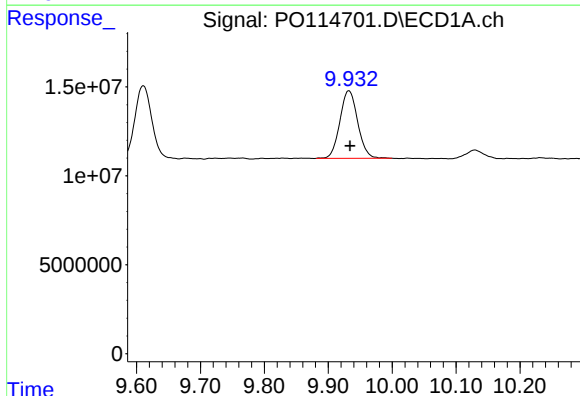
R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 132419558
Conc: 24.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)



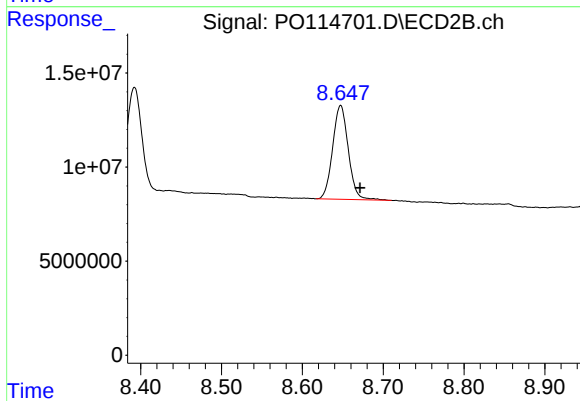
#1 Tetrachloro-m-xylene

R.T.: 3.653 min
Delta R.T.: -0.006 min
Response: 87408891
Conc: 21.84 ng/ml



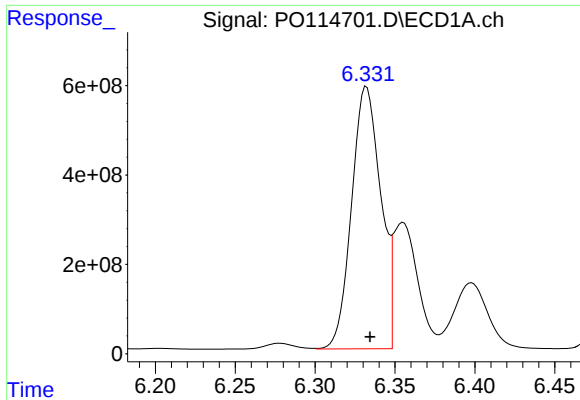
#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.002 min
Response: 73684557
Conc: 20.24 ng/ml



#2 Decachlorobiphenyl

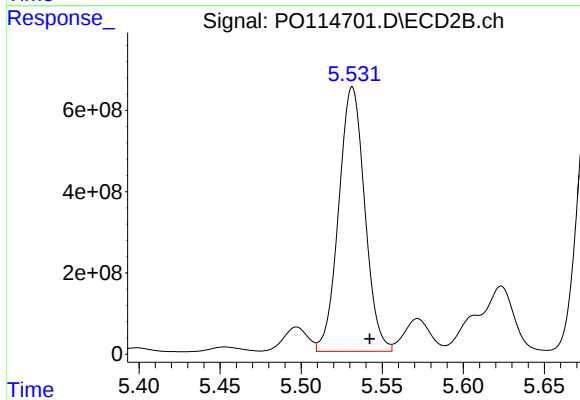
R.T.: 8.647 min
Delta R.T.: -0.024 min
Response: 67191760
Conc: 20.16 ng/ml



#26 AR-1254-1

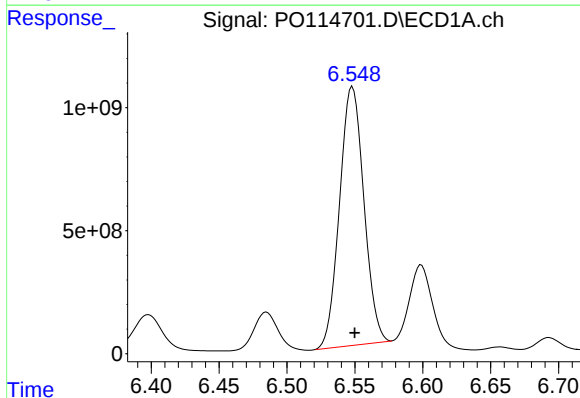
R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 7442101241
Conc: 42659.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)



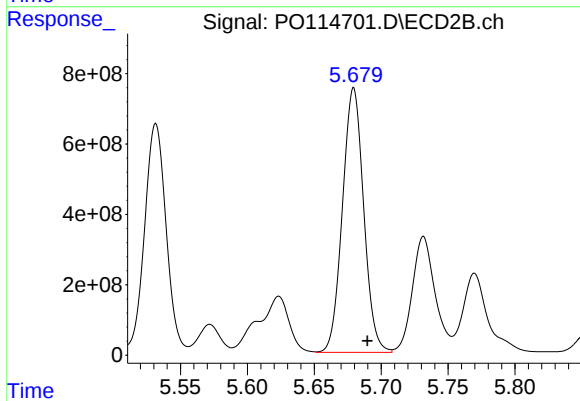
#26 AR-1254-1

R.T.: 5.532 min
Delta R.T.: -0.011 min
Response: 7279016775
Conc: 27396.23 ng/ml



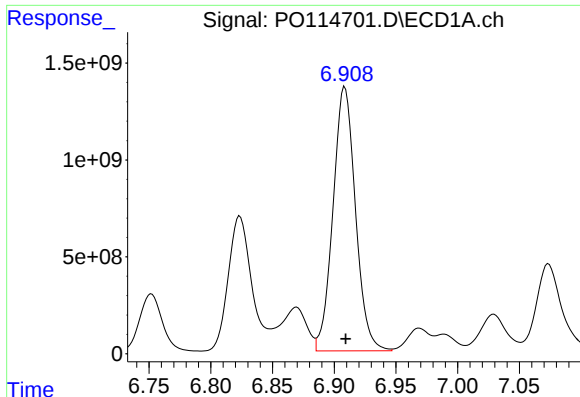
#27 AR-1254-2

R.T.: 6.551 min
Delta R.T.: 0.001 min
Response: 11347384938
Conc: 44550.80 ng/ml



#27 AR-1254-2

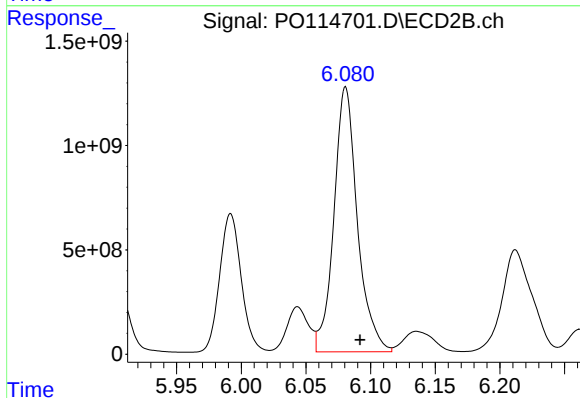
R.T.: 5.679 min
Delta R.T.: -0.010 min
Response: 8318682081
Conc: 34918.41 ng/ml



#28 AR-1254-3

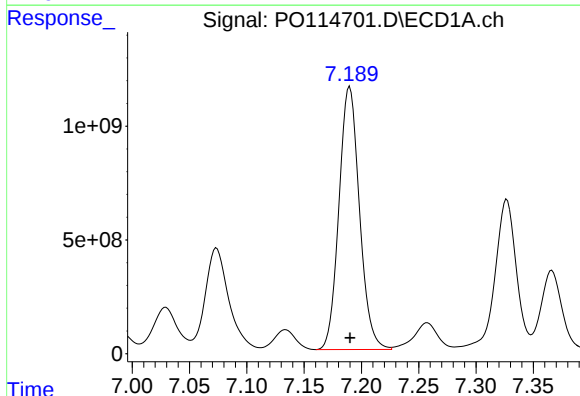
R.T.: 6.909 min
Delta R.T.: 0.000 min
Response: 13712700900
Conc: 47458.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)



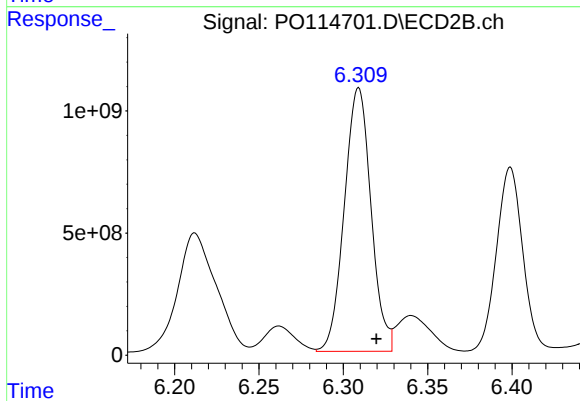
#28 AR-1254-3

R.T.: 6.081 min
Delta R.T.: -0.011 min
Response: 16040355614
Conc: 45259.66 ng/ml



#29 AR-1254-4

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 12642972920
Conc: 53425.62 ng/ml



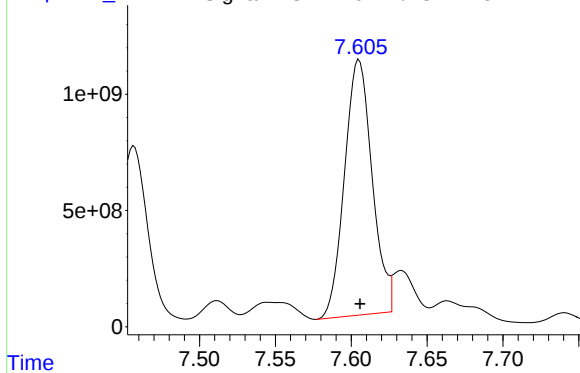
#29 AR-1254-4

R.T.: 6.309 min
Delta R.T.: -0.010 min
Response: 11894420394
Conc: 46074.43 ng/ml

Response_

Signal: PO114701.D\ECD1A.ch

#30 AR-1254-5



R.T.: 7.602 min

Delta R.T.: -0.003 min

Response: 12133595524

Conc: 55284.43 ng/

Instrument :

ECD_O

ClientSampleId :

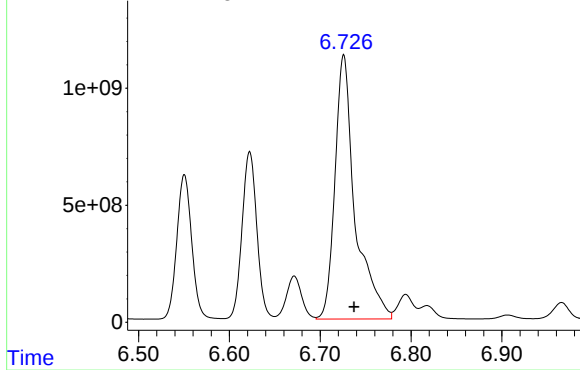
SS-9R(5.0-5.5)

Time

Response_

Signal: PO114701.D\ECD2B.ch

#30 AR-1254-5



R.T.: 6.726 min

Delta R.T.: -0.011 min

Response: 17356614126

Conc: 54204.94 ng/ml

Time



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	10/24/25
Project:	PSEG Athenia Substation		Date Received:	10/24/25
Client Sample ID:	SS-9R(5.0-5.5)DL		SDG No.:	Q3461
Lab Sample ID:	Q3461-02DL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	84.9
Sample Wt/Vol:	30.07 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	464	UD	100	464	2000	ug/kg	10/28/25 13:42	PB170282
11104-28-2	Aroclor-1221	474	UD	100	474	2000	ug/kg	10/28/25 13:42	PB170282
11141-16-5	Aroclor-1232	437	UD	100	437	2000	ug/kg	10/28/25 13:42	PB170282
53469-21-9	Aroclor-1242	471	UD	100	471	2000	ug/kg	10/28/25 13:42	PB170282
12672-29-6	Aroclor-1248	696	UD	100	696	2000	ug/kg	10/28/25 13:42	PB170282
11097-69-1	Aroclor-1254	14000	D	100	377	2000	ug/kg	10/28/25 13:42	PB170282
37324-23-5	Aroclor-1262	590	UD	100	590	2000	ug/kg	10/28/25 13:42	PB170282
11100-14-4	Aroclor-1268	423	UD	100	423	2000	ug/kg	10/28/25 13:42	PB170282
11096-82-5	Aroclor-1260	380	UD	100	380	2000	ug/kg	10/28/25 13:42	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	0	*		30 (32) - 150 (144)	0%	SPK: 20		
2051-24-3	Decachlorobiphenyl	0	*		30 (32) - 150 (175)	0%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114706.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 13:42
 Operator : YP/AJ
 Sample : Q3461-02DL 100X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-9R(5.0-5.5)DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 13:57:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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
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System Monitoring Compounds

Target Compounds							
26)	L6	AR-1254-1	6.333	5.532	49898892	59589304	286.030 224.278
27)	L6	AR-1254-2	6.548	5.679	87401100	66131423	343.144 277.593
28)	L6	AR-1254-3	6.908	6.081	109.0E6	121.1E6	377.312 341.730
29)	L6	AR-1254-4	7.189	6.309	90756645	86447038	383.512 334.863
30)	L6	AR-1254-5	7.604	6.725	83601297	123.0E6	380.913 384.028

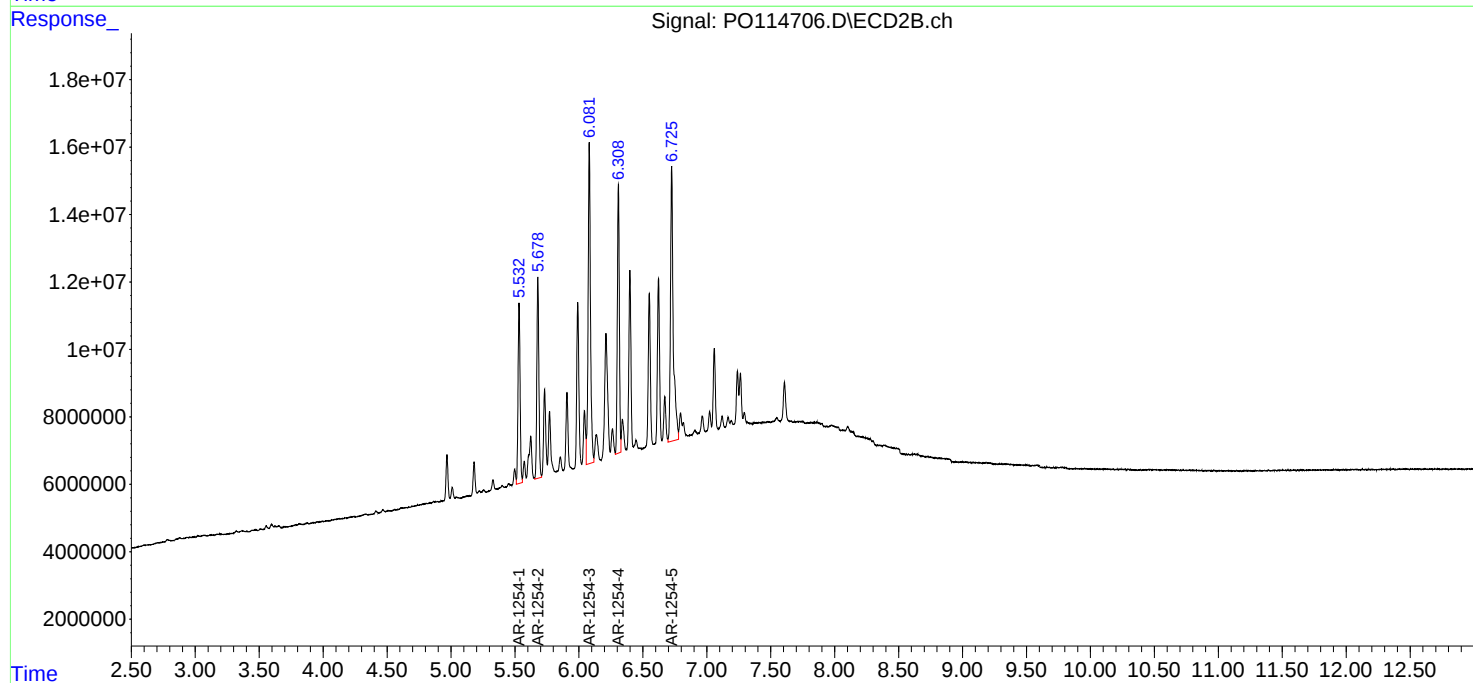
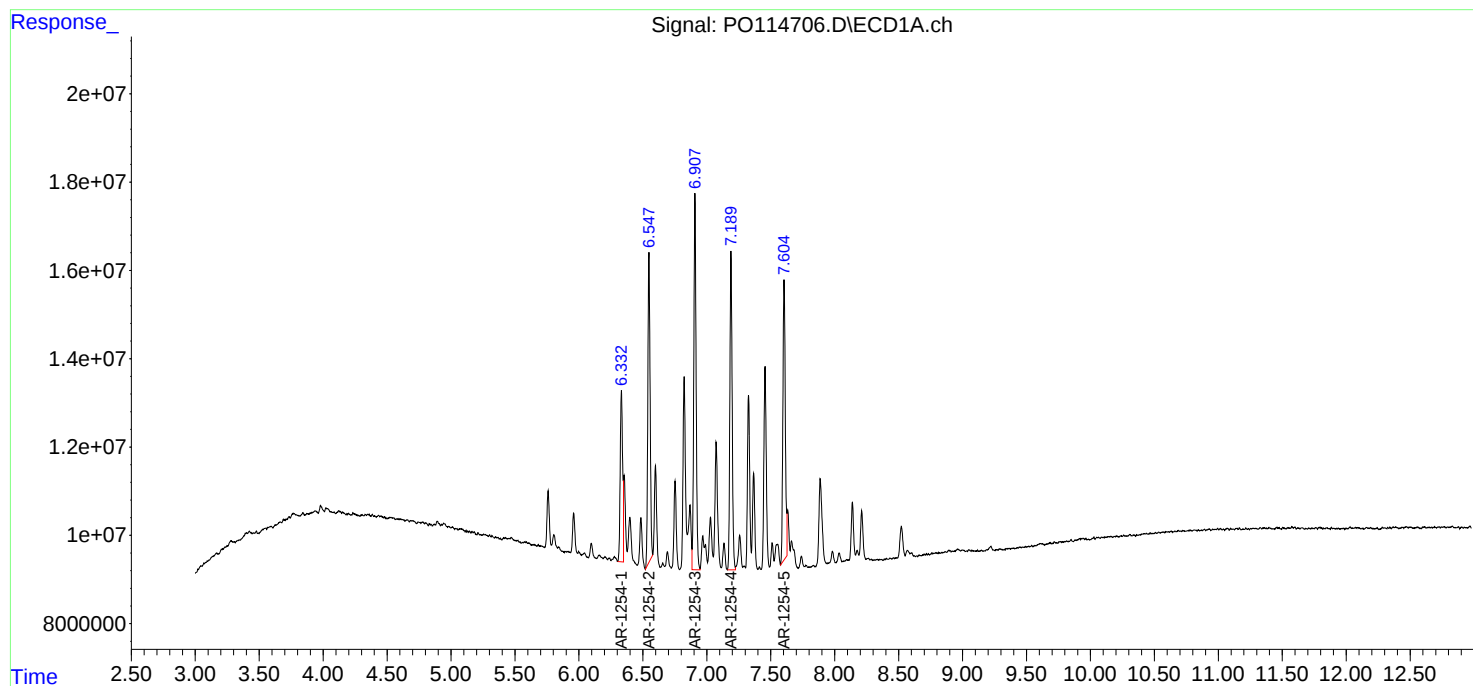
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

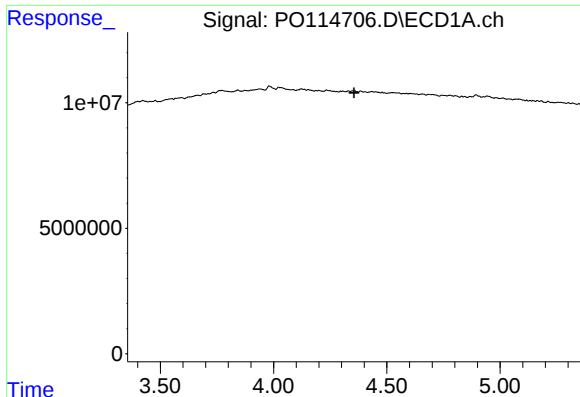
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102825\
Data File : PO114706.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 13:42
Operator : YP/AJ
Sample : Q3461-02DL 100X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
SS-9R(5.0-5.5)DL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:57:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

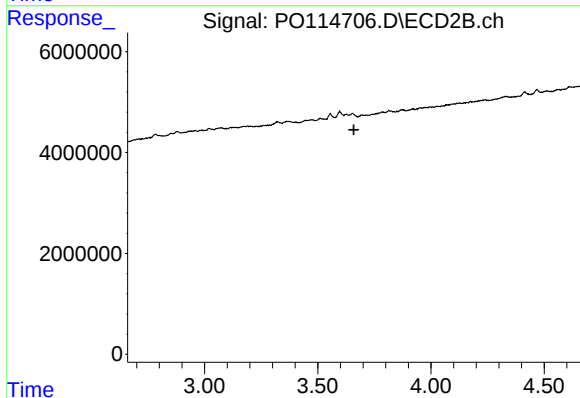




#1 Tetrachloro-m-xylene

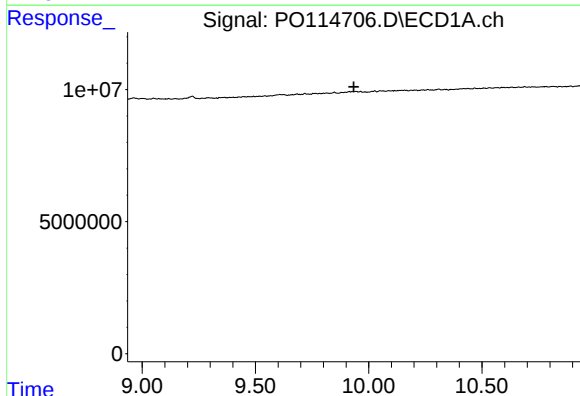
R.T.: 0.000 min
Exp R.T. : 4.355 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)DL



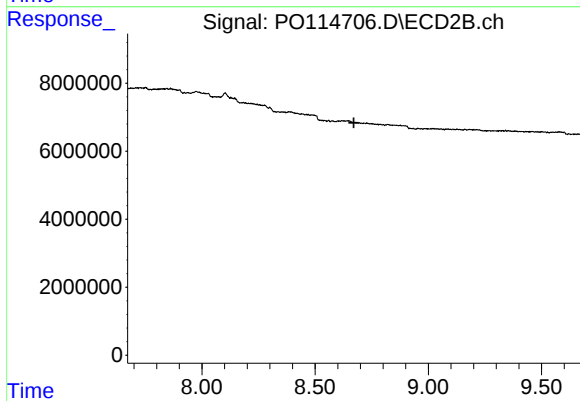
#1 Tetrachloro-m-xylene

R.T.: 0.000 min
Exp R.T. : 3.660 min
Response: 0
Conc: N.D.



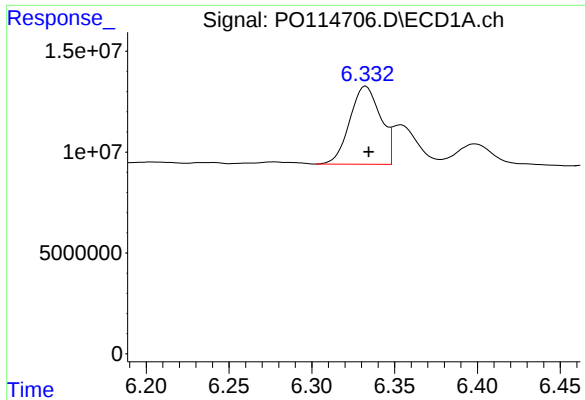
#2 Decachlorobiphenyl

R.T.: 0.000 min
Exp R.T. : 9.934 min
Response: 0
Conc: N.D.



#2 Decachlorobiphenyl

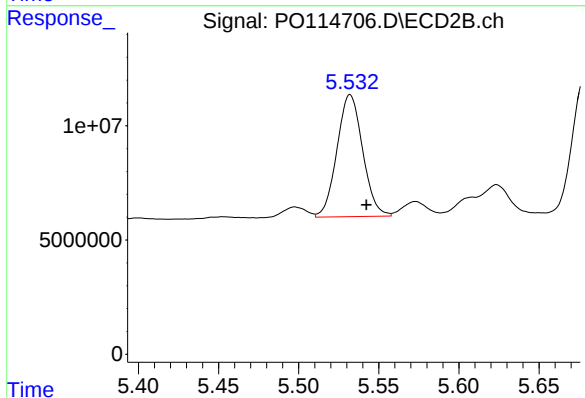
R.T.: 0.000 min
Exp R.T. : 8.671 min
Response: 0
Conc: N.D.



#26 AR-1254-1

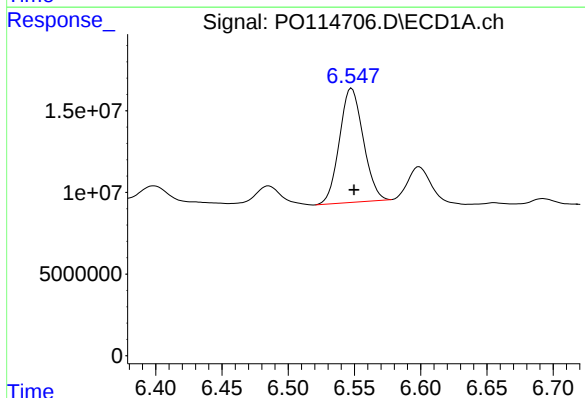
R.T.: 6.333 min
Delta R.T.: -0.002 min
Response: 49898892
Conc: 286.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)DL



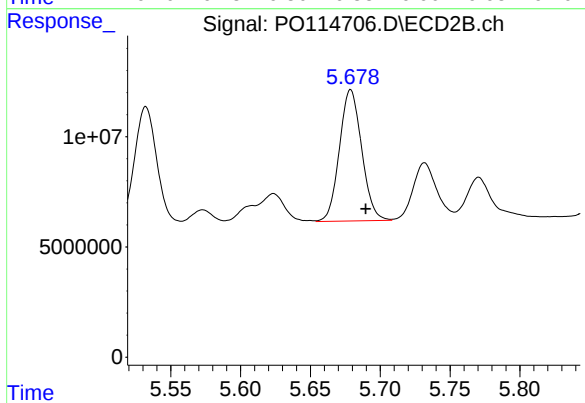
#26 AR-1254-1

R.T.: 5.532 min
Delta R.T.: -0.010 min
Response: 59589304
Conc: 224.28 ng/ml



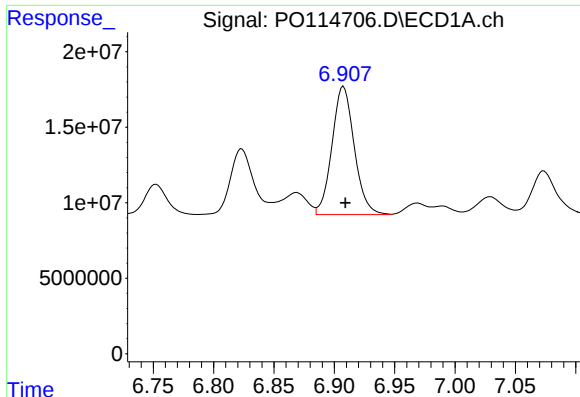
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 87401100
Conc: 343.14 ng/ml



#27 AR-1254-2

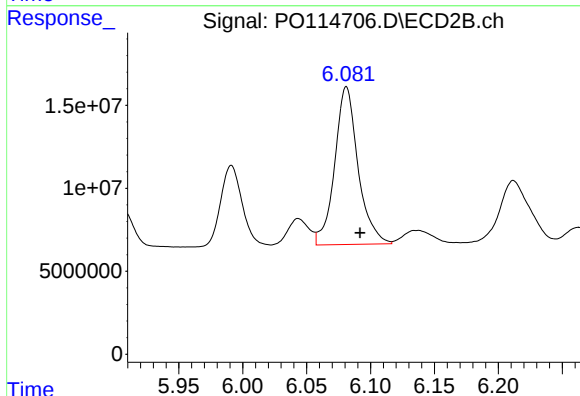
R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 66131423
Conc: 277.59 ng/ml



#28 AR-1254-3

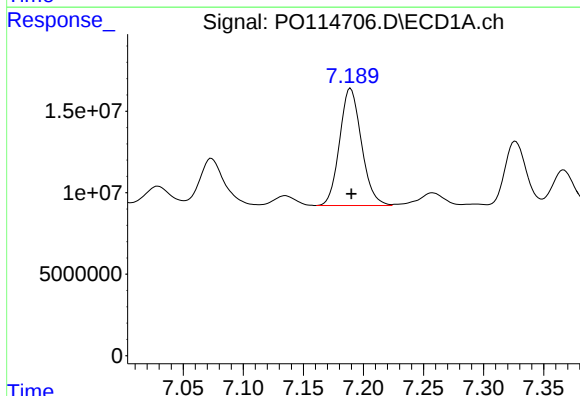
R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 109020776
Conc: 377.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)DL



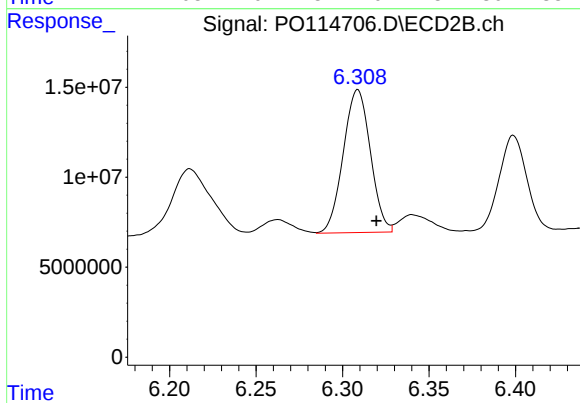
#28 AR-1254-3

R.T.: 6.081 min
Delta R.T.: -0.011 min
Response: 121111755
Conc: 341.73 ng/ml



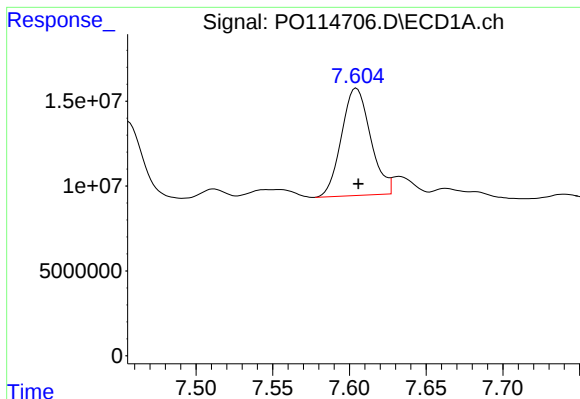
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: 0.000 min
Response: 90756645
Conc: 383.51 ng/ml



#29 AR-1254-4

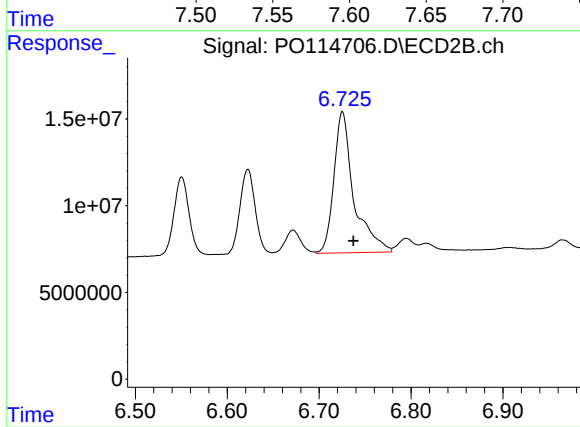
R.T.: 6.309 min
Delta R.T.: -0.011 min
Response: 86447038
Conc: 334.86 ng/ml



#30 AR-1254-5

R.T.: 7.604 min
Delta R.T.: -0.001 min
Response: 83601297
Conc: 380.91 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-9R(5.0-5.5)DL



#30 AR-1254-5

R.T.: 6.725 min
Delta R.T.: -0.012 min
Response: 122967177
Conc: 384.03 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/24/25
Project:	PSEG Athenia Substation	Date Received:	10/24/25
Client Sample ID:	SS-25(4.5-5.0)	SDG No.:	Q3461
Lab Sample ID:	Q3461-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	82.5
Sample Wt/Vol:	30.05 g	Final Vol:	10000 uL
Prep Method:	SW3541	Test:	PCB
	Prep Date		10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.80	U	1	4.80	20.6	ug/kg	10/28/25 12:29	PB170282
11104-28-2	Aroclor-1221	4.90	U	1	4.90	20.6	ug/kg	10/28/25 12:29	PB170282
11141-16-5	Aroclor-1232	4.50	U	1	4.50	20.6	ug/kg	10/28/25 12:29	PB170282
53469-21-9	Aroclor-1242	4.90	U	1	4.90	20.6	ug/kg	10/28/25 12:29	PB170282
12672-29-6	Aroclor-1248	7.20	U	1	7.20	20.6	ug/kg	10/28/25 12:29	PB170282
11097-69-1	Aroclor-1254	29.2		1	3.90	20.6	ug/kg	10/28/25 12:29	PB170282
37324-23-5	Aroclor-1262	6.10	U	1	6.10	20.6	ug/kg	10/28/25 12:29	PB170282
11100-14-4	Aroclor-1268	4.40	U	1	4.40	20.6	ug/kg	10/28/25 12:29	PB170282
11096-82-5	Aroclor-1260	3.90	U	1	3.90	20.6	ug/kg	10/28/25 12:29	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.9			30 (32) - 150 (144)	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.4			30 (32) - 150 (175)	97%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114702.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 12:29
 Operator : YP/AJ
 Sample : Q3461-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-25(4.5-5.0)

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 12:48:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.351	3.654	129.5E6	88060977	23.851	22.003
2) SA Decachlor...	9.933	8.647	68851003	64844152	18.909	19.454
Target Compounds						
26) L6 AR-1254-1	6.331	5.531	8995643	11341986	51.565m	42.688m
27) L6 AR-1254-2	6.548	5.679	15613163	13397294	61.299	56.236m
28) L6 AR-1254-3	6.906	6.080	20590983	21867192	71.264m	61.701m
29) L6 AR-1254-4	7.189	6.307	18749875	17615950	79.232m	68.237m
30) L6 AR-1254-5	7.605	6.725	21543718	33910688	98.160	105.904

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102825\
Data File : PO114702.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:29
Operator : YP/AJ
Sample : Q3461-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_0

ClientSampleId :

SS-25(4.5-5.0)

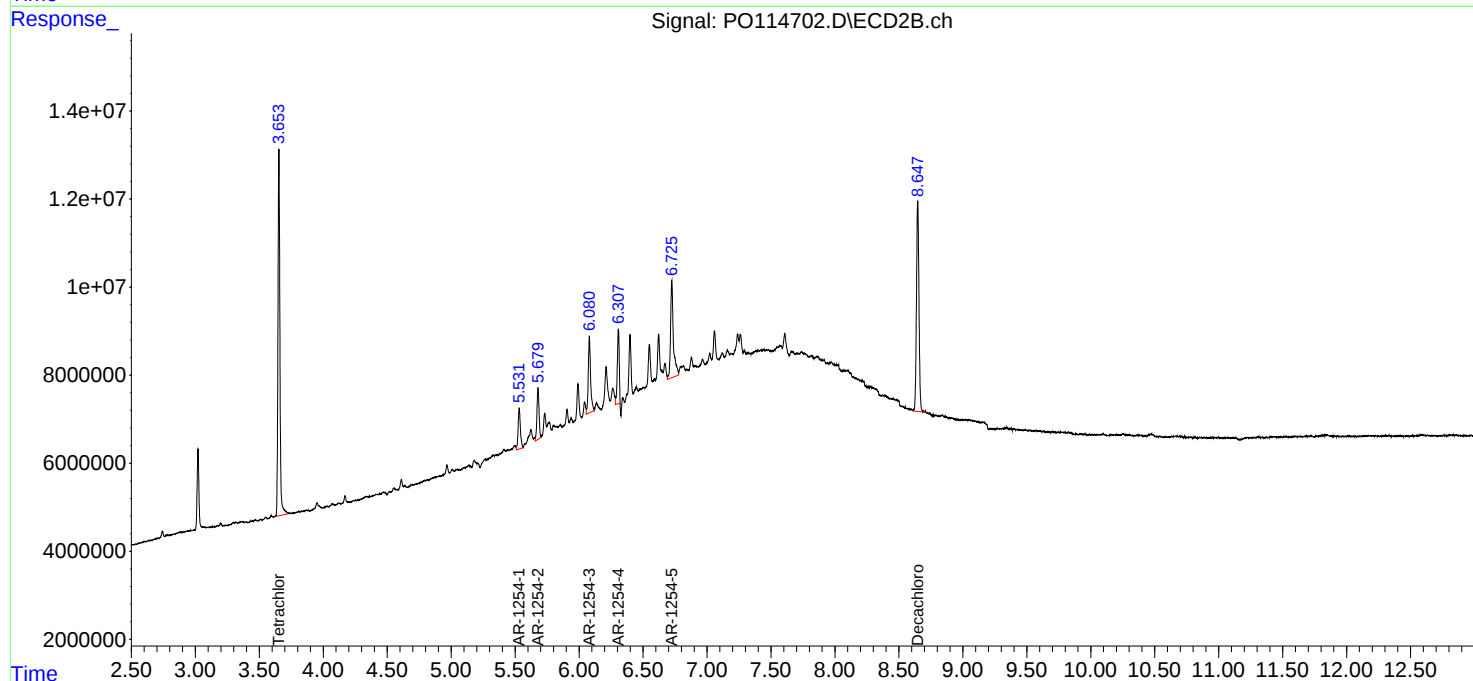
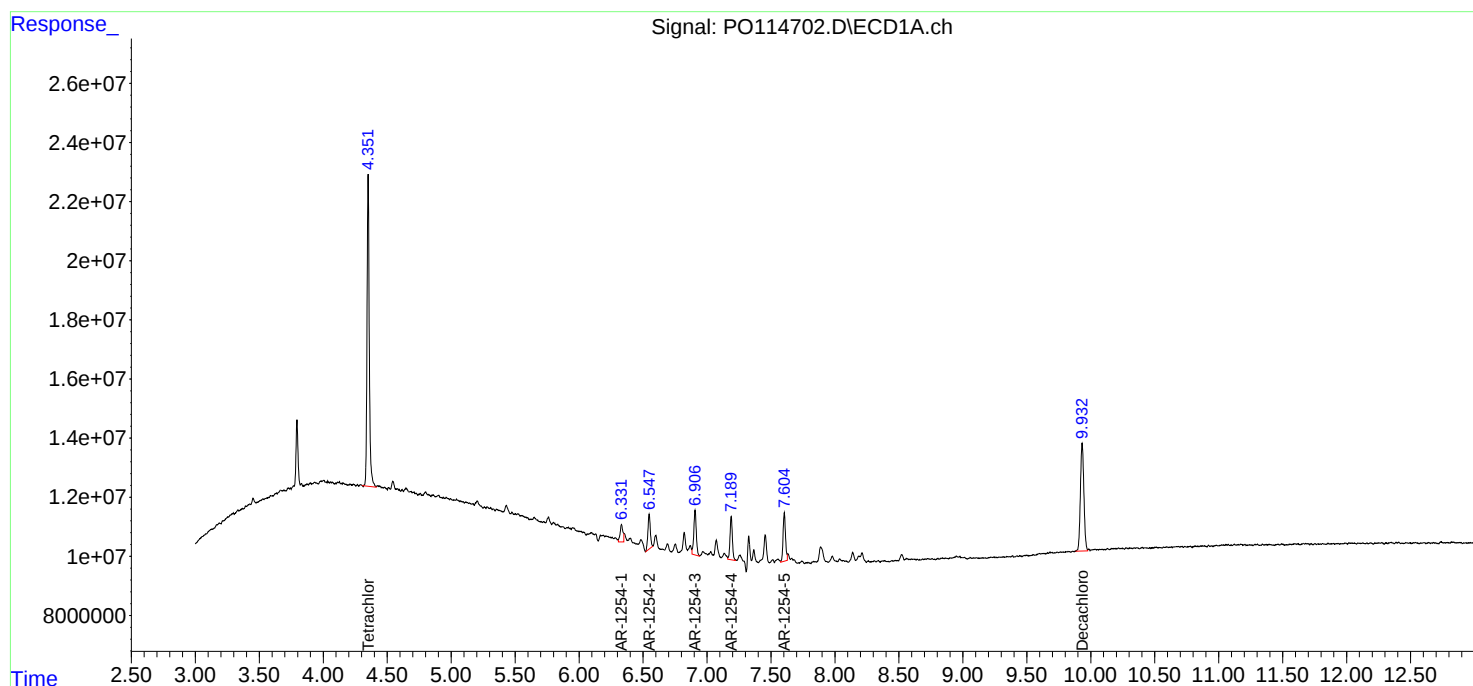
Manual Integrations

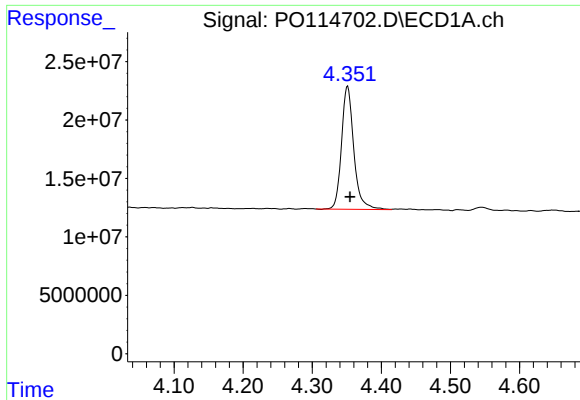
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:48:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





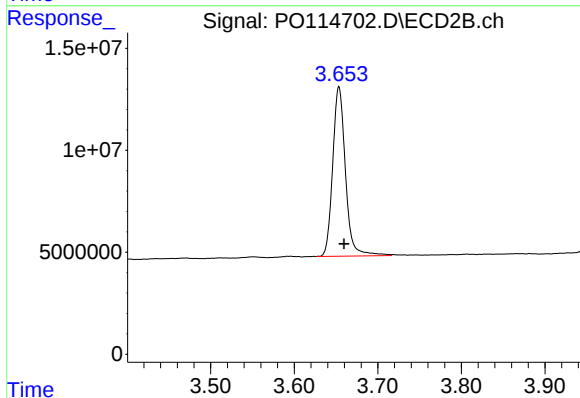
#1 Tetrachloro-m-xylene

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 129484199
Conc: 23.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(4.5-5.0)

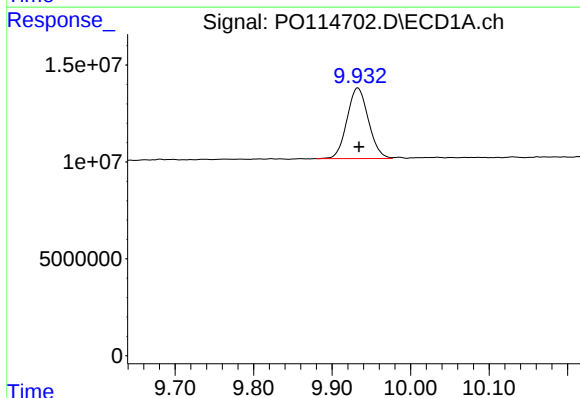
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



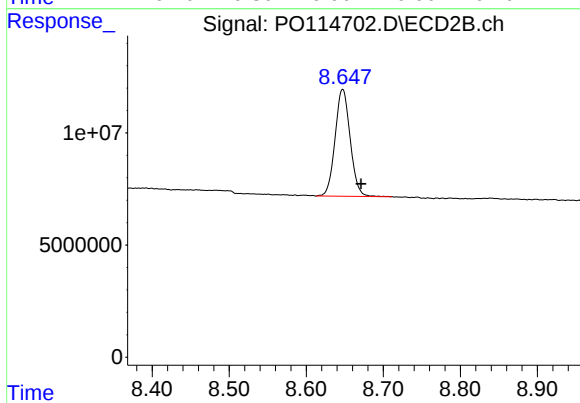
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.006 min
Response: 88060977
Conc: 22.00 ng/ml



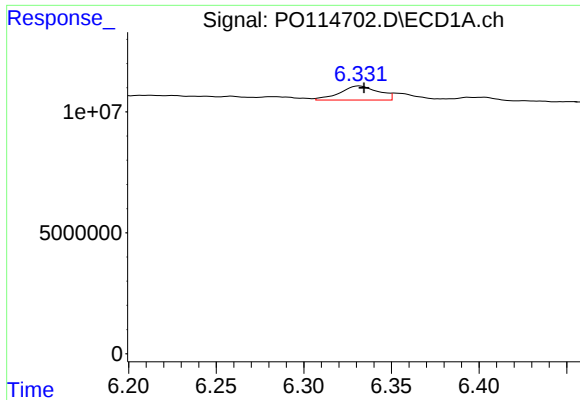
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.002 min
Response: 68851003
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.647 min
Delta R.T.: -0.024 min
Response: 64844152
Conc: 19.45 ng/ml



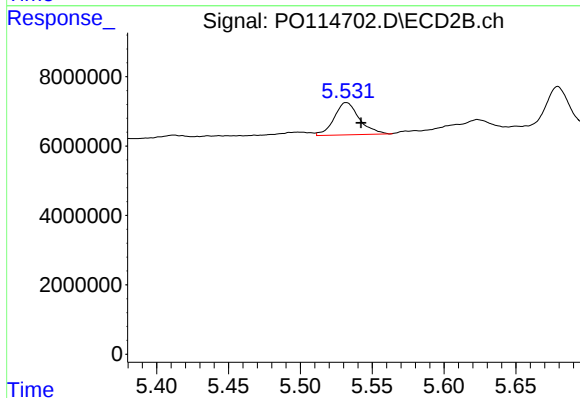
#26 AR-1254-1

R.T.: 6.331 min
Delta R.T.: -0.003 min
Response: 8995643
Conc: 51.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(4.5-5.0)

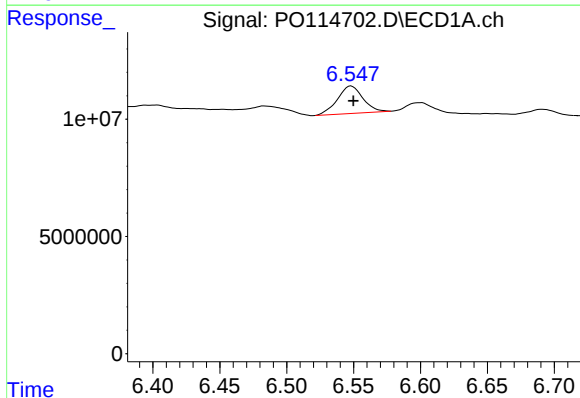
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



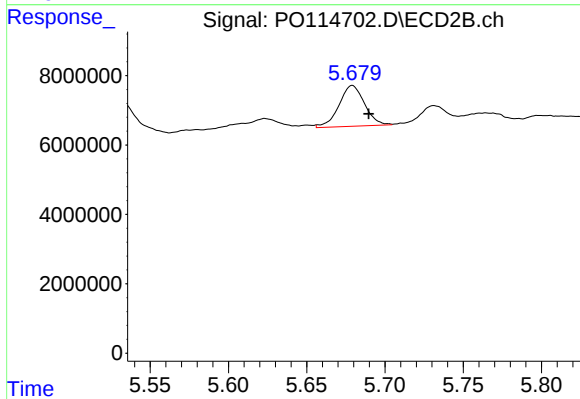
#26 AR-1254-1

R.T.: 5.531 min
Delta R.T.: -0.011 min
Response: 11341986
Conc: 42.69 ng/ml m



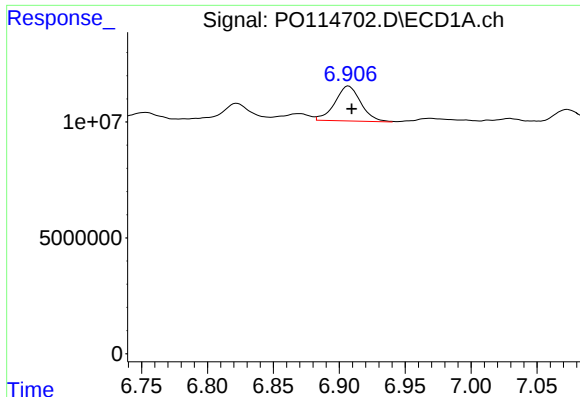
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 15613163
Conc: 61.30 ng/ml



#27 AR-1254-2

R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 13397294
Conc: 56.24 ng/ml m



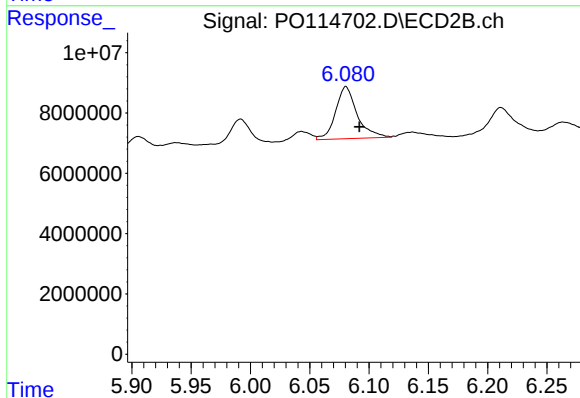
#28 AR-1254-3

R.T.: 6.906 min
Delta R.T.: -0.003 min
Response: 20590983
Conc: 71.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(4.5-5.0)

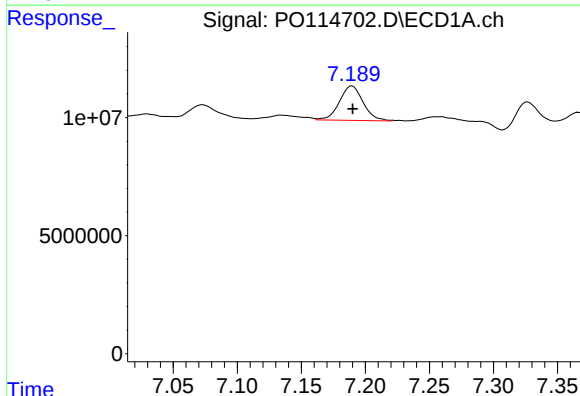
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



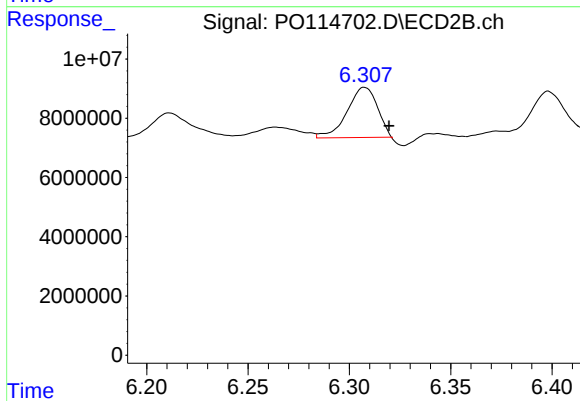
#28 AR-1254-3

R.T.: 6.080 min
Delta R.T.: -0.012 min
Response: 21867192
Conc: 61.70 ng/ml m



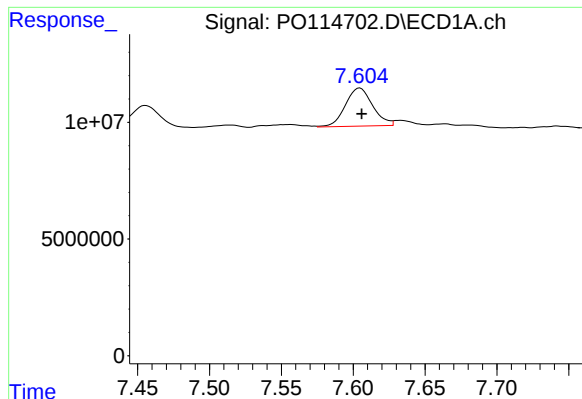
#29 AR-1254-4

R.T.: 7.189 min
Delta R.T.: -0.001 min
Response: 18749875
Conc: 79.23 ng/ml m



#29 AR-1254-4

R.T.: 6.307 min
Delta R.T.: -0.013 min
Response: 17615950
Conc: 68.24 ng/ml m



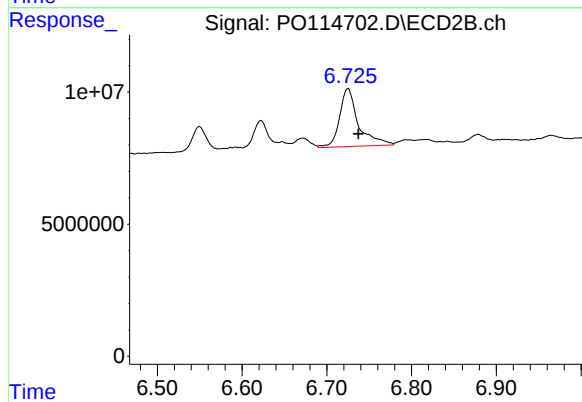
#30 AR-1254-5

R.T.: 7.605 min
Delta R.T.: -0.001 min
Response: 21543718
Conc: 98.16 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(4.5-5.0)

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



#30 AR-1254-5

R.T.: 6.725 min
Delta R.T.: -0.012 min
Response: 33910688
Conc: 105.90 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/24/25
Project:	PSEG Athenia Substation	Date Received:	10/24/25
Client Sample ID:	SS-25(5.0-5.5)	SDG No.:	Q3461
Lab Sample ID:	Q3461-04	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL
Prep Method:	SW3541	Test:	PCB
	Prep Date		10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.50	U	1	4.50	19.3	ug/kg	10/28/25 12:47	PB170282
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.3	ug/kg	10/28/25 12:47	PB170282
11141-16-5	Aroclor-1232	4.20	U	1	4.20	19.3	ug/kg	10/28/25 12:47	PB170282
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.3	ug/kg	10/28/25 12:47	PB170282
12672-29-6	Aroclor-1248	6.70	U	1	6.70	19.3	ug/kg	10/28/25 12:47	PB170282
11097-69-1	Aroclor-1254	60.8		1	3.60	19.3	ug/kg	10/28/25 12:47	PB170282
37324-23-5	Aroclor-1262	5.70	U	1	5.70	19.3	ug/kg	10/28/25 12:47	PB170282
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.3	ug/kg	10/28/25 12:47	PB170282
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.3	ug/kg	10/28/25 12:47	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.6			30 (32) - 150 (144)	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.3			30 (32) - 150 (175)	91%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114703.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 12:47
 Operator : YP/AJ
 Sample : Q3461-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-25(5.0-5.5)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 13:24:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.351	3.654	117.3E6	78507927	21.608	19.616
2)	SA Decachlor...	9.933	8.649	64373861	60946721	17.680	18.285
Target Compounds							
26)	L6 AR-1254-1	6.332	5.532	19829665	25049600	113.667	94.280
27)	L6 AR-1254-2	6.548	5.679	34606834	28859806	135.869	121.142
28)	L6 AR-1254-3	6.908	6.081	46541549	53077907	161.077	149.765
29)	L6 AR-1254-4	7.190	6.308	44813852	39222274	189.371	151.932
30)	L6 AR-1254-5	7.605	6.726	44564832	66163729	203.051	206.630

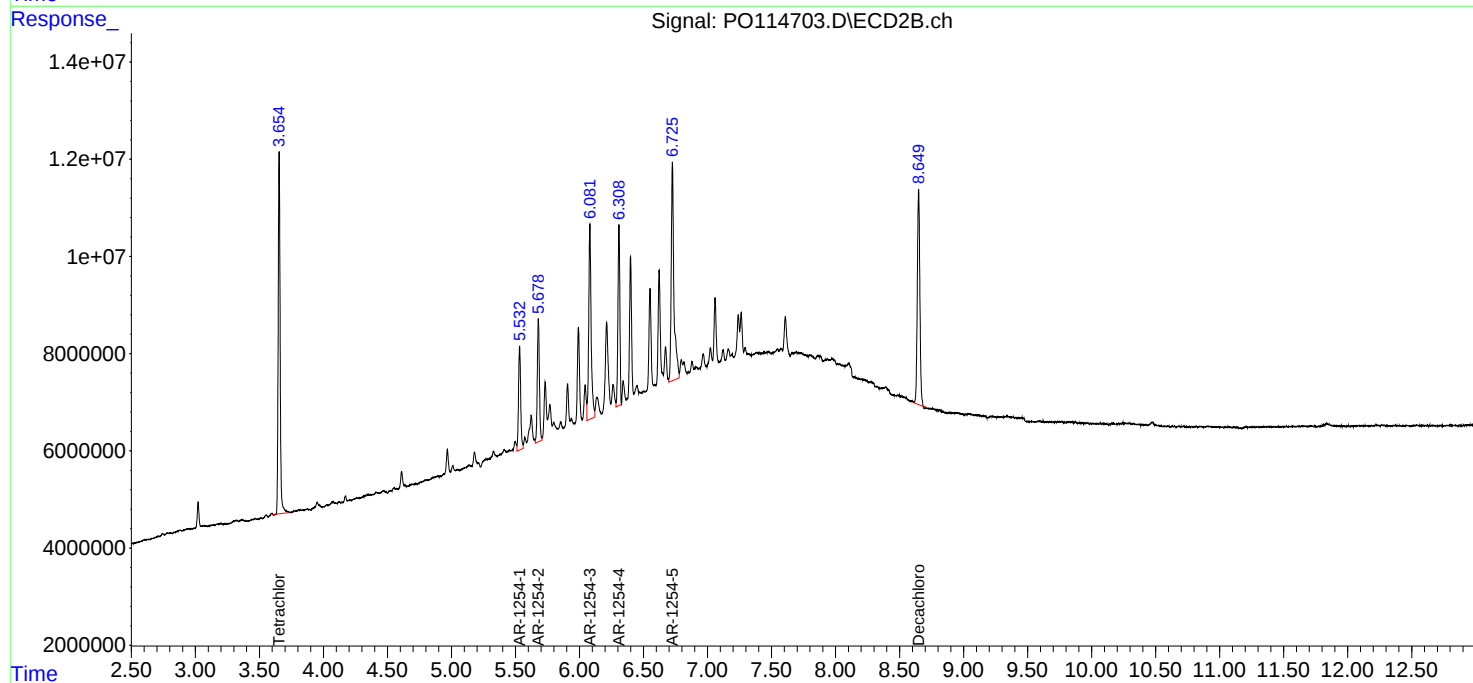
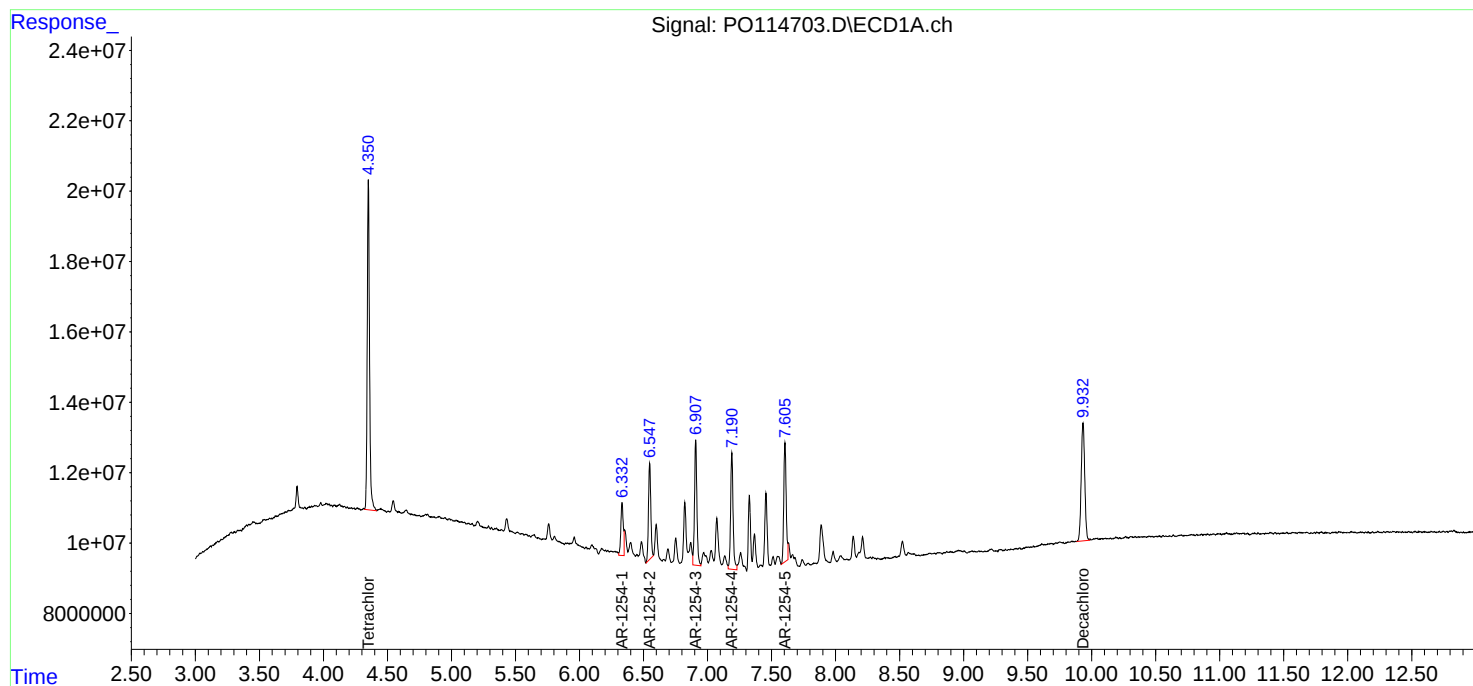
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

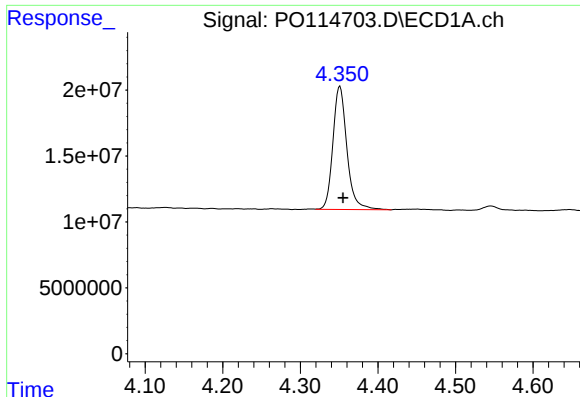
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO102825\
Data File : PO114703.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:47
Operator : YP/AJ
Sample : Q3461-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
SS-25(5.0-5.5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 13:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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

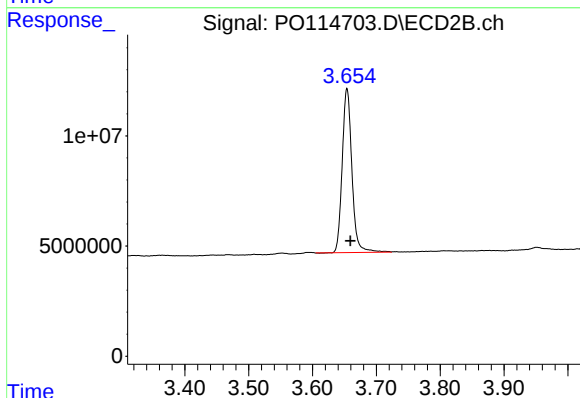




#1 Tetrachloro-m-xylene

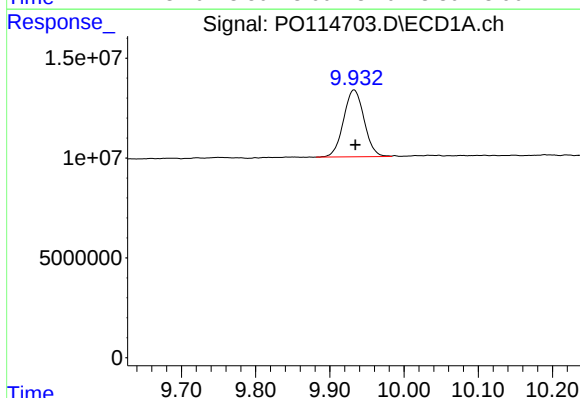
R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 117311845
Conc: 21.61 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(5.0-5.5)



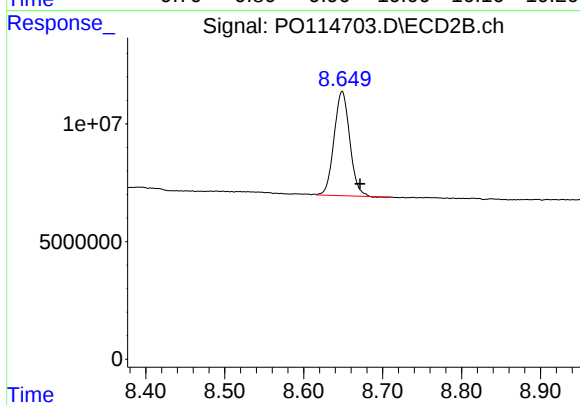
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.006 min
Response: 78507927
Conc: 19.62 ng/ml



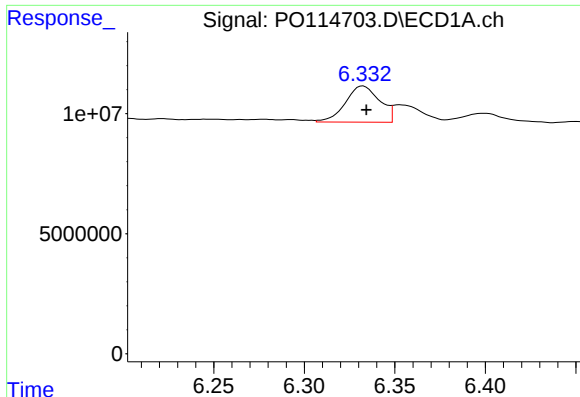
#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.001 min
Response: 64373861
Conc: 17.68 ng/ml



#2 Decachlorobiphenyl

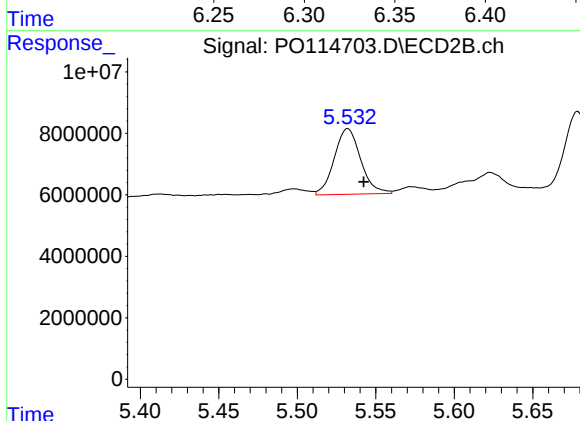
R.T.: 8.649 min
Delta R.T.: -0.023 min
Response: 60946721
Conc: 18.28 ng/ml



#26 AR-1254-1

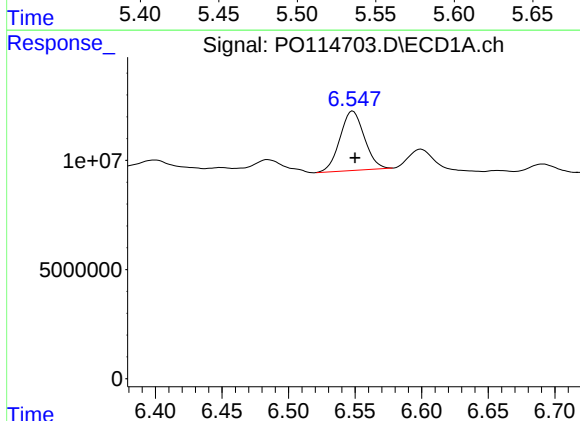
R.T.: 6.332 min
Delta R.T.: -0.002 min
Response: 19829665
Conc: 113.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(5.0-5.5)



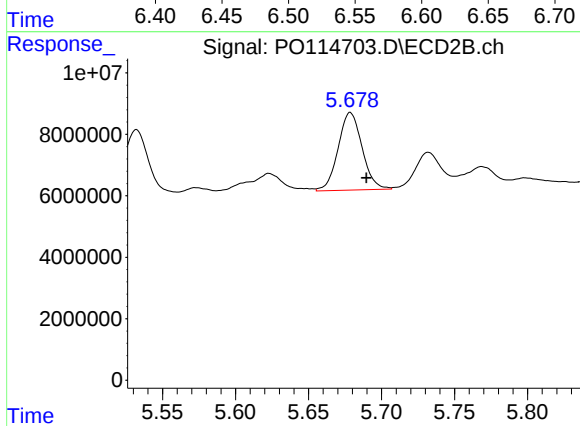
#26 AR-1254-1

R.T.: 5.532 min
Delta R.T.: -0.010 min
Response: 25049600
Conc: 94.28 ng/ml



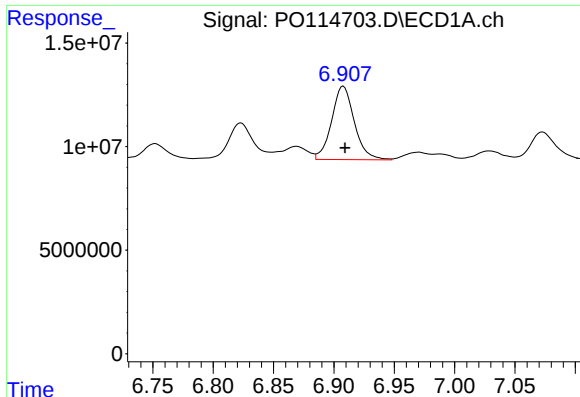
#27 AR-1254-2

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 34606834
Conc: 135.87 ng/ml



#27 AR-1254-2

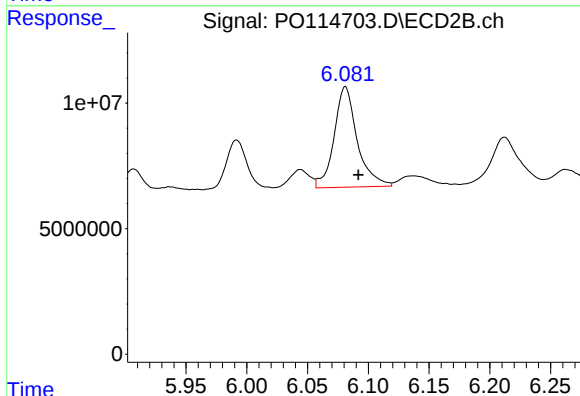
R.T.: 5.679 min
Delta R.T.: -0.011 min
Response: 28859806
Conc: 121.14 ng/ml



#28 AR-1254-3

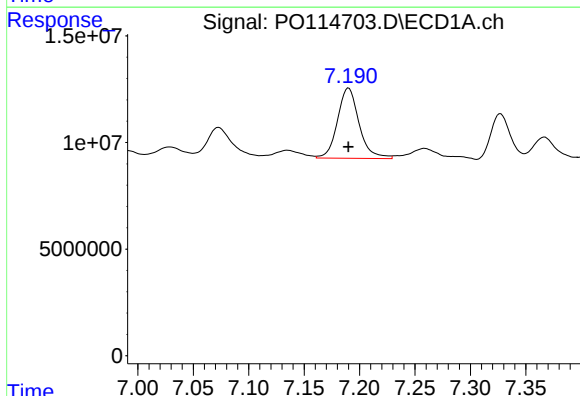
R.T.: 6.908 min
Delta R.T.: -0.002 min
Response: 46541549
Conc: 161.08 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(5.0-5.5)



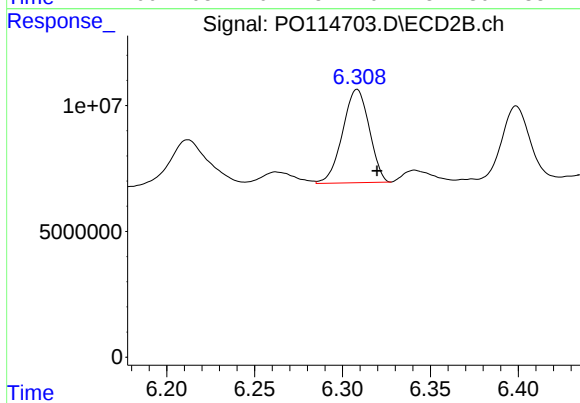
#28 AR-1254-3

R.T.: 6.081 min
Delta R.T.: -0.011 min
Response: 53077907
Conc: 149.77 ng/ml



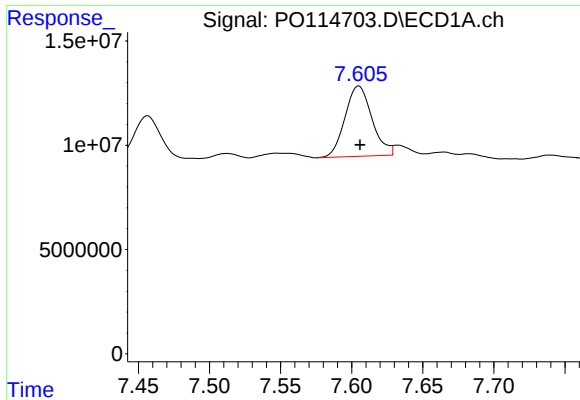
#29 AR-1254-4

R.T.: 7.190 min
Delta R.T.: 0.000 min
Response: 44813852
Conc: 189.37 ng/ml



#29 AR-1254-4

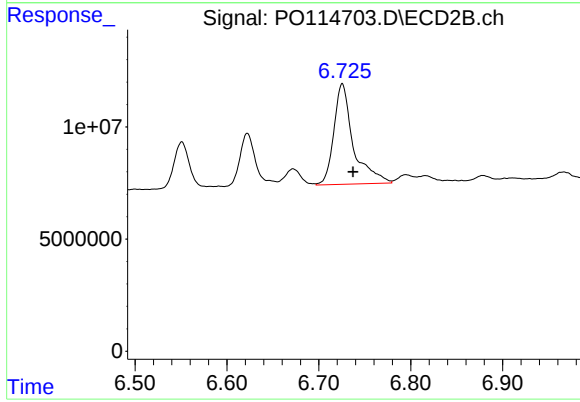
R.T.: 6.308 min
Delta R.T.: -0.011 min
Response: 39222274
Conc: 151.93 ng/ml



#30 AR-1254-5

R.T.: 7.605 min
Delta R.T.: 0.000 min
Response: 44564832
Conc: 203.05 ng/ml

Instrument :
ECD_O
ClientSampleId :
SS-25(5.0-5.5)



#30 AR-1254-5

R.T.: 6.726 min
Delta R.T.: -0.012 min
Response: 66163729
Conc: 206.63 ng/ml



CALIBRATION SUMMARY

Calibration Times: 14:14 22:29

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D
RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

[illegible]

[illegible]

Calibration Times: 14:14 22:29

LAB FILE ID: RT 1000 = PO114313.D RT 750 = PO114314.D
RT 500 = PO114315.D RT 250 = PO114316.D RT 050 = PO114317.D

[illegible]

[illegible]



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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: MATR02
SDG NO.: Q3461

Calibration Date(s): 10/09/2025 10/09/2025
Calibration Times: 14:14 22:29

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

LAB FILE ID:		CF 1000 = <u>PO114313.D</u>		CF 750 = <u>PO114314.D</u>			
CF 500 = <u>PO114315.D</u>		CF 250 = <u>PO114316.D</u>		CF 050 = <u>PO114317.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	174192886	179895124	183856868	183322864	180520760	2
Aroclor-1016-2	(2)	293939915	305561101	305220730	315140900	301624180	3
Aroclor-1016-3	(3)	165633600	172668037	174260432	182505220	189193940	5
Aroclor-1016-4	(4)	134425999	138097755	140122574	142368188	132758060	3
Aroclor-1016-5	(5)	123446822	127769624	128908938	130194584	121008000	3
Aroclor-1260-1	(1)	213791672	221280347	222839010	218586200	213158120	2
Aroclor-1260-2	(2)	302622462	312056085	309594538	307167896	311081240	1
Aroclor-1260-3	(3)	259467311	268042008	265717042	260457100	228668800	6
Aroclor-1260-4	(4)	230199629	235131995	233767838	232769056	232729060	1
Aroclor-1260-5	(5)	586428065	605840996	593634282	581137220	533761820	5
Decachlorobiphenyl		3664039320	3792684880	3728036680	3664938040	3355866400	5
Tetrachloro-m-xylene		5506498360	5677498373	5642459220	5552412920	4766000200	7
Aroclor-1242-1	(1)	126706434	132179268	135020258	135246300	128666340	3
Aroclor-1242-2	(2)	212392946	219812959	222351800	226444372	216757700	2
Aroclor-1242-3	(3)	119144042	124121997	125717214	131545340	116119900	5
Aroclor-1242-4	(4)	99737299	101870191	102531118	105496736	103337180	2
Aroclor-1242-5	(5)	103047071	106230547	111781010	123521904	134589100	11
Decachlorobiphenyl		3803036960	3909619067	3861003240	3833959680	3524921000	4
Tetrachloro-m-xylene		5804343740	5928892613	5893981820	5915994040	5454317000	3
Aroclor-1248-1	(1)	98567829	102136305	106179528	101725532	83182260	9
Aroclor-1248-2	(2)	137892609	142528752	146526406	145313792	145562060	2
Aroclor-1248-3	(3)	151681692	159333787	163420432	159028692	160593320	3
Aroclor-1248-4	(4)	182190012	190636973	195926736	195051484	215146120	6
Aroclor-1248-5	(5)	174543681	183607891	190759426	202813192	249246460	15
Decachlorobiphenyl		3816291730	3937073800	3957474960	3763925080	3735520600	3
Tetrachloro-m-xylene		5779379270	6044791093	6117390360	5832290520	5648377200	3
Aroclor-1254-1	(1)	171902953	180224452	182326136	179059532	158754700	6
Aroclor-1254-2	(2)	248603985	257164111	266428592	263066468	238270000	4
Aroclor-1254-3	(3)	278966197	288101712	293337044	293741552	290556100	2
Aroclor-1254-4	(4)	232417367	241793461	248310406	242500032	218210100	5
Aroclor-1254-5	(5)	221022379	230048296	231810568	224607672	189890120	8
Decachlorobiphenyl		3792373920	3896541893	3936938560	3860958960	3451332800	5
Tetrachloro-m-xylene		5822824890	5988302693	6053484060	5960886280	5298842000	5
Aroclor-1268-1	(1)	742630944	763047828	755049378	744463164	658875500	6



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	632443459	650139448	640918178	630546628	553465960	621502735	6
Aroclor-1268-3	(3)	576556870	593571136	586459800	580217260	523967180	572154449	5
Aroclor-1268-4	(4)	239235256	248654241	247759484	273329844	226227580	247041281	7
Aroclor-1268-5	(5)	1713485078	1761561424	1737860666	1722182616	1634161480	1713850253	3
Decachlorobiphenyl		7124253780	7355062013	7282856320	7142144040	6358111400	7052485511	6
Tetrachloro-m-xylene		6131677880	6338649440	6321767300	6220727560	5845855000	6171735436	3

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: MATR02
SDG NO.: Q3461

Calibration Date(s): 10/09/2025 10/09/2025
Calibration Times: 14:14 22:29

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

LAB FILE ID:		CF 1000 = <u>PO114313.D</u>		CF 750 = <u>PO114314.D</u>			
CF 500 = <u>PO114315.D</u>		CF 250 = <u>PO114316.D</u>		CF 050 = <u>PO114317.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	158257841	168187716	172362186	178585052	164529320	168384423
Aroclor-1016-2	(2)	229568804	240612359	245734900	252904664	241358100	242035765
Aroclor-1016-3	(3)	119655603	124240307	128221016	131086968	117564320	124153643
Aroclor-1016-4	(4)	92316708	96506141	100242646	102698056	90863720	96525454
Aroclor-1016-5	(5)	119349433	124629577	128669076	134240076	132389300	127855492
Aroclor-1260-1	(1)	215558470	231498535	235626690	245673392	249059400	235483297
Aroclor-1260-2	(2)	315603721	330098711	337167224	350489224	338584660	334388708
Aroclor-1260-3	(3)	256430713	268520155	278444642	296438324	374872640	294941295
Aroclor-1260-4	(4)	211317075	223266731	226148960	232910768	220902880	222909283
Aroclor-1260-5	(5)	594775480	624015233	623481606	632255524	590282220	612962013
Decachlorobiphenyl		3170001190	3348740240	3399801360	3490868680	3256491400	3333180574
Tetrachloro-m-xylene		3928229090	4070663293	4096822280	4116538520	3799017800	4002254197
Aroclor-1242-1	(1)	122498620	129064381	131010080	137236660	133254420	130612832
Aroclor-1242-2	(2)	175860987	183257420	186752992	191657052	196407220	186787134
Aroclor-1242-3	(3)	92492282	96111452	98072652	99600996	92244160	95704308
Aroclor-1242-4	(4)	86300671	89905741	92299888	94852936	98359060	92343659
Aroclor-1242-5	(5)	113144641	119163080	122745918	127985400	129764100	122560628
Decachlorobiphenyl		3517109590	3681723480	3757541820	3835681800	3777005200	3713812378
Tetrachloro-m-xylene		4432077070	4412224160	4379772960	4471865640	4248743200	4388936606
Aroclor-1248-1	(1)	94570009	99404269	103594360	101758388	93150140	98495433
Aroclor-1248-2	(2)	125502158	133300196	137663402	137604864	136198920	134053908
Aroclor-1248-3	(3)	130740348	139010419	143306254	142181184	142470360	139541713
Aroclor-1248-4	(4)	154697640	163551519	169016486	167510084	167044800	164364106
Aroclor-1248-5	(5)	159814127	168355577	173516216	171305900	174900140	169578392
Decachlorobiphenyl		3661201490	3833278560	3951800380	3911090520	3937109200	3858896030
Tetrachloro-m-xylene		4430508460	4634013587	4677547100	4537709360	4261034200	4508162541
Aroclor-1254-1	(1)	247222467	259048601	270361008	279309448	272529160	265694137
Aroclor-1254-2	(2)	219192417	228941475	239248508	249551080	254226320	238231960
Aroclor-1254-3	(3)	340127494	353950264	366242670	368614488	343101920	354407367
Aroclor-1254-4	(4)	246402938	256874435	266498340	267498992	253508600	258156661
Aroclor-1254-5	(5)	309302184	322642697	332806976	330987116	305278780	320203551
Decachlorobiphenyl		3673134130	3816212200	3925129200	3949127480	3714385800	3815597762
Tetrachloro-m-xylene		4426752370	4520704027	4624441060	4560126680	4117729800	4449950787
Aroclor-1268-1	(1)	790806319	820672996	823414120	829776224	826084500	818150832



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	668389064	693704507	696355354	697040636	678270940	686752100	2
Aroclor-1268-3	(3)	577681654	598471028	600065844	598539168	577278220	590407183	2
Aroclor-1268-4	(4)	233329938	243075305	244332122	245097676	230283080	239223624	3
Aroclor-1268-5	(5)	1599907631	1653346000	1653968404	1645996908	1596574960	1629958781	2
Decachlorobiphenyl		6770675710	7072875573	7158178740	7244610400	7053861200	7060040325	3
Tetrachloro-m-xylene		4643395640	4793601640	4792629120	4749683120	4526037200	4701069344	2



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
Instrument ID: ECD_O **Date(s) Analyzed:** 10/09/2025 10/09/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.56	4.46	4.66	65029800
		2	4.64	4.54	4.74	45851400
		3	4.71	4.61	4.81	150477000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.71	4.61	4.81	122061000
		2	5.23	5.13	5.33	54066000
		3	5.52	5.42	5.62	121355000
		4	5.67	5.57	5.77	54031600
		5	5.76	5.66	5.86	37348800
Aroclor-1262	500	1	7.69	7.59	7.79	365212000
		2	8.21	8.11	8.31	604682000
		3	8.52	8.42	8.62	365448000
		4	8.60	8.50	8.70	263614000
		5	9.22	9.12	9.32	214854000



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
Instrument ID: ECD_O **Date(s) Analyzed:** 10/09/2025 10/09/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.87	3.77	3.97	54832000
		2	3.96	3.86	4.06	40465400
		3	4.03	3.93	4.13	128449000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.03	3.93	4.13	104652000
		2	4.76	4.66	4.86	102880000
		3	4.94	4.84	5.04	51237200
		4	5.02	4.92	5.12	43634600
		5	5.19	5.09	5.29	48052000
Aroclor-1262	500	1	6.78	6.68	6.88	425654000
		2	7.28	7.18	7.38	673478000
		3	7.56	7.46	7.66	276888000
		4	7.63	7.53	7.73	456530000
		5	8.12	8.02	8.22	210780000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 14:14
 Operator : YP/AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 15:15:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 09 15:08:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	550.6E6	392.8E6	98.781	97.899
2) SA Decachlor...	9.933	8.672	366.4E6	317.0E6	99.134	96.502
Target Compounds						
3) L1 AR-1016-1	5.493	4.743	174.2E6	158.3E6	973.009	957.340
4) L1 AR-1016-2	5.513	4.762	293.9E6	229.6E6	981.172	965.988
5) L1 AR-1016-3	5.576	4.937	165.6E6	119.7E6	974.619	965.445
6) L1 AR-1016-4	5.672	4.980	134.4E6	92316708	979.251	958.839
7) L1 AR-1016-5	5.962	5.192	123.4E6	119.3E6	978.355	962.424
31) L7 AR-1260-1	7.075	6.226	213.8E6	215.6E6	979.279	955.521
32) L7 AR-1260-2	7.328	6.413	302.6E6	315.6E6	988.612	966.966
33) L7 AR-1260-3	7.685	6.566	259.5E6	256.4E6	988.100	958.843
34) L7 AR-1260-4	7.906	7.040	230.2E6	211.3E6	992.309	966.096
35) L7 AR-1260-5	8.213	7.279	586.4E6	594.8E6	993.893	976.437

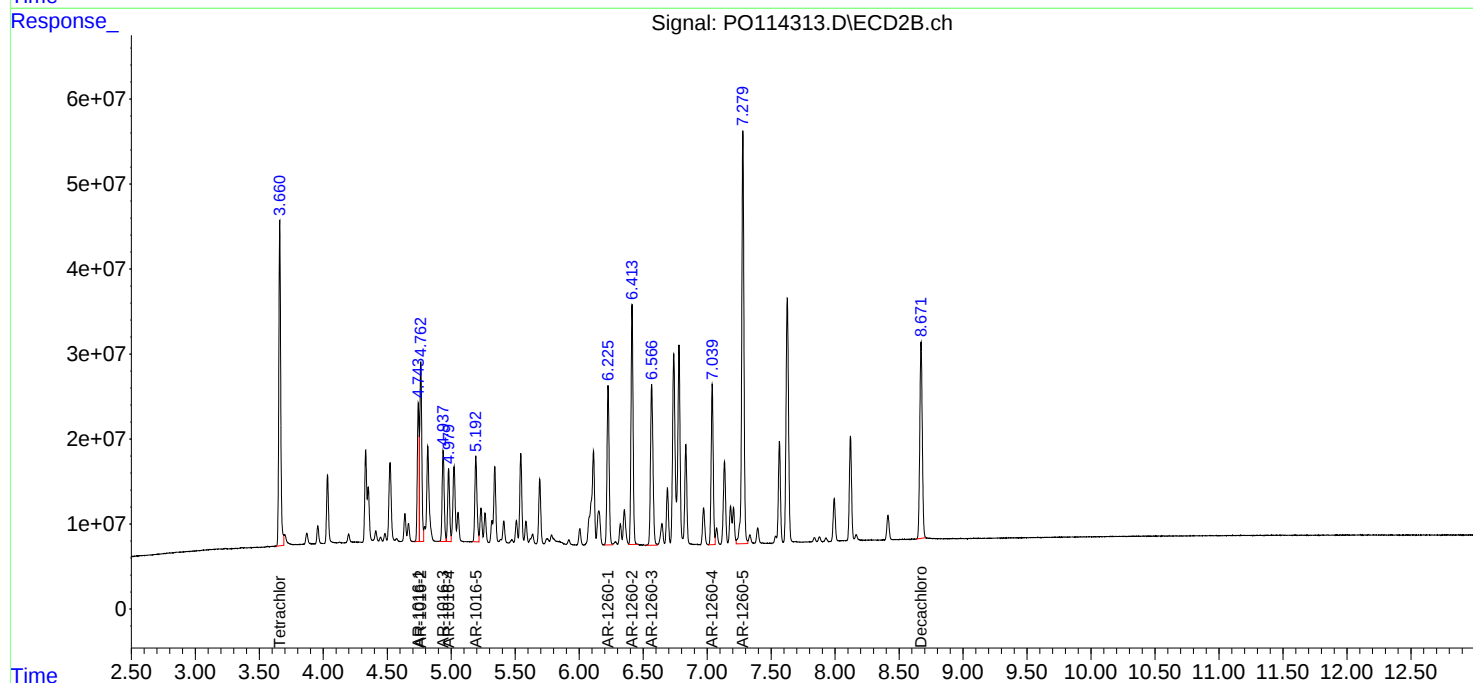
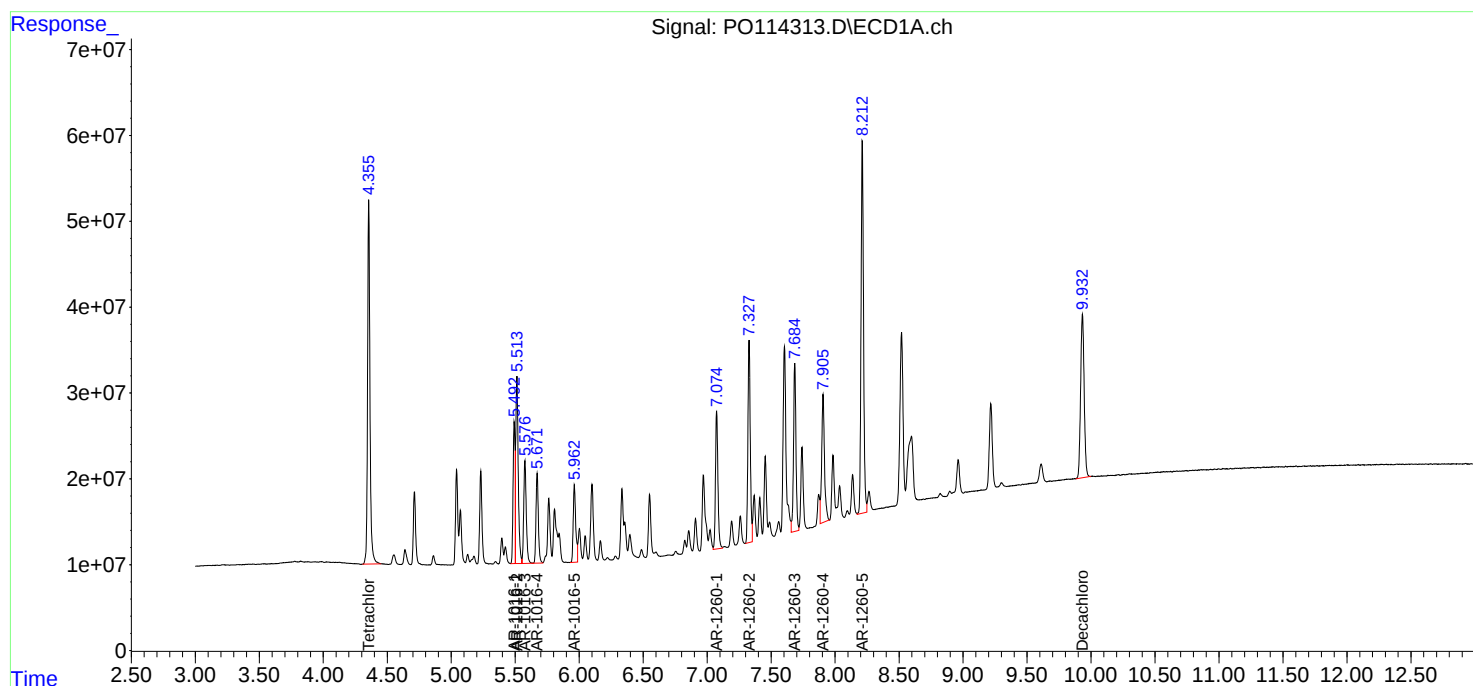
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114313.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:14
Operator : YP/AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:15:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114314.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 14:32
 Operator : YP/AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 15:18:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 09 15:08:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	425.8E6	305.3E6	75.918	75.721
2) SA Decachlor...	9.933	8.672	284.5E6	251.2E6	76.296	75.965
Target Compounds						
3) L1 AR-1016-1	5.492	4.743	134.9E6	126.1E6	752.427	758.654
4) L1 AR-1016-2	5.514	4.763	229.2E6	180.5E6	759.916	756.203
5) L1 AR-1016-3	5.576	4.937	129.5E6	93180230	757.963	751.217
6) L1 AR-1016-4	5.672	4.979	103.6E6	72379606	752.993	751.175
7) L1 AR-1016-5	5.963	5.192	95827218	93472183	756.281	752.497
31) L7 AR-1260-1	7.075	6.226	166.0E6	173.6E6	756.760	762.977
32) L7 AR-1260-2	7.328	6.413	234.0E6	247.6E6	759.652	755.667
33) L7 AR-1260-3	7.686	6.566	201.0E6	201.4E6	760.306	752.021
34) L7 AR-1260-4	7.907	7.040	176.3E6	167.5E6	756.755	760.292
35) L7 AR-1260-5	8.213	7.280	454.4E6	468.0E6	763.279	762.121

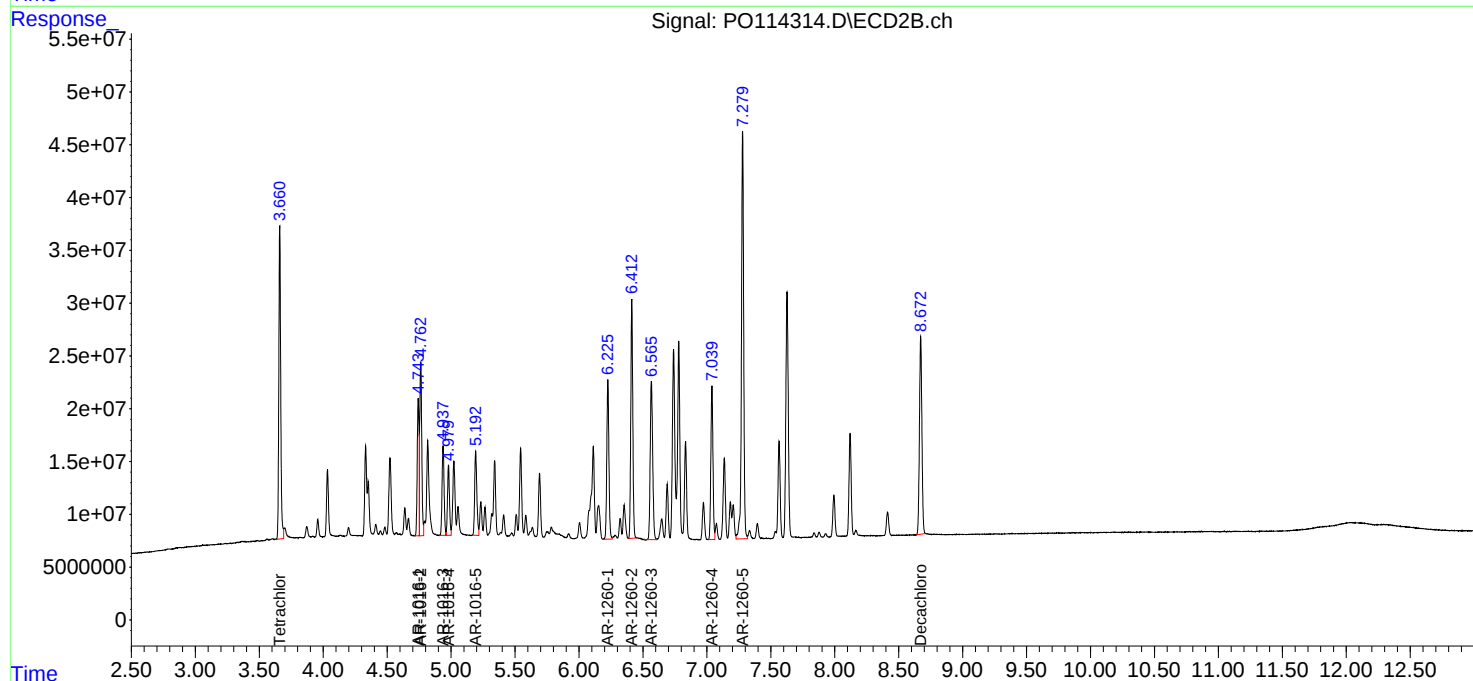
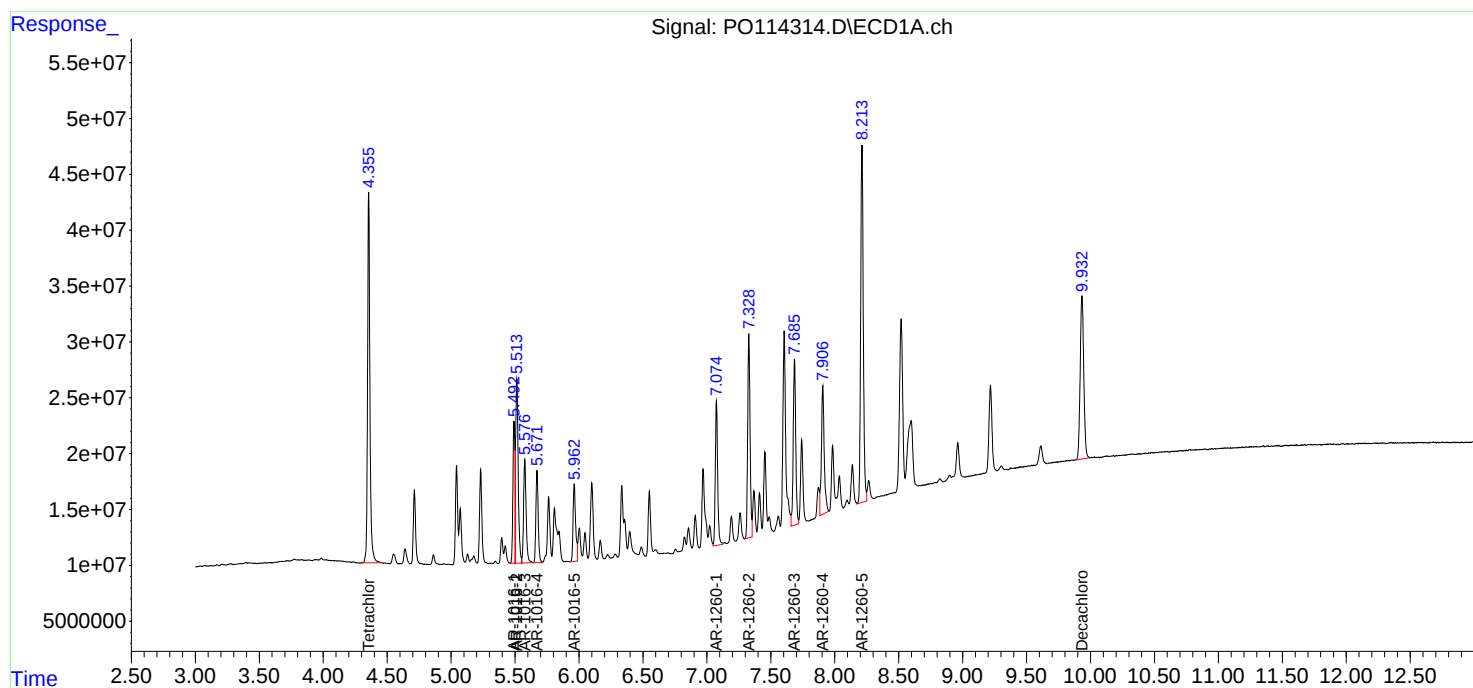
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Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114314.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:32
Operator : YP/AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:18:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114315.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 14:50
 Operator : YP/AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 15:08:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 09 15:08:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	282.1E6	204.8E6	50.000	50.000
2) SA Decachlor...	9.934	8.671	186.4E6	170.0E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.492	4.743	91928434	86181093	500.000	500.000
4) L1 AR-1016-2	5.514	4.762	152.6E6	122.9E6	500.000	500.000
5) L1 AR-1016-3	5.576	4.936	87130216	64110508	500.000	500.000
6) L1 AR-1016-4	5.671	4.979	70061287	50121323	500.000	500.000
7) L1 AR-1016-5	5.963	5.192	64454469	64334538	500.000	500.000
31) L7 AR-1260-1	7.075	6.225	111.4E6	117.8E6	500.000	500.000
32) L7 AR-1260-2	7.329	6.413	154.8E6	168.6E6	500.000	500.000
33) L7 AR-1260-3	7.685	6.566	132.9E6	139.2E6	500.000	500.000
34) L7 AR-1260-4	7.907	7.039	116.9E6	113.1E6	500.000	500.000
35) L7 AR-1260-5	8.213	7.279	296.8E6	311.7E6	500.000	500.000

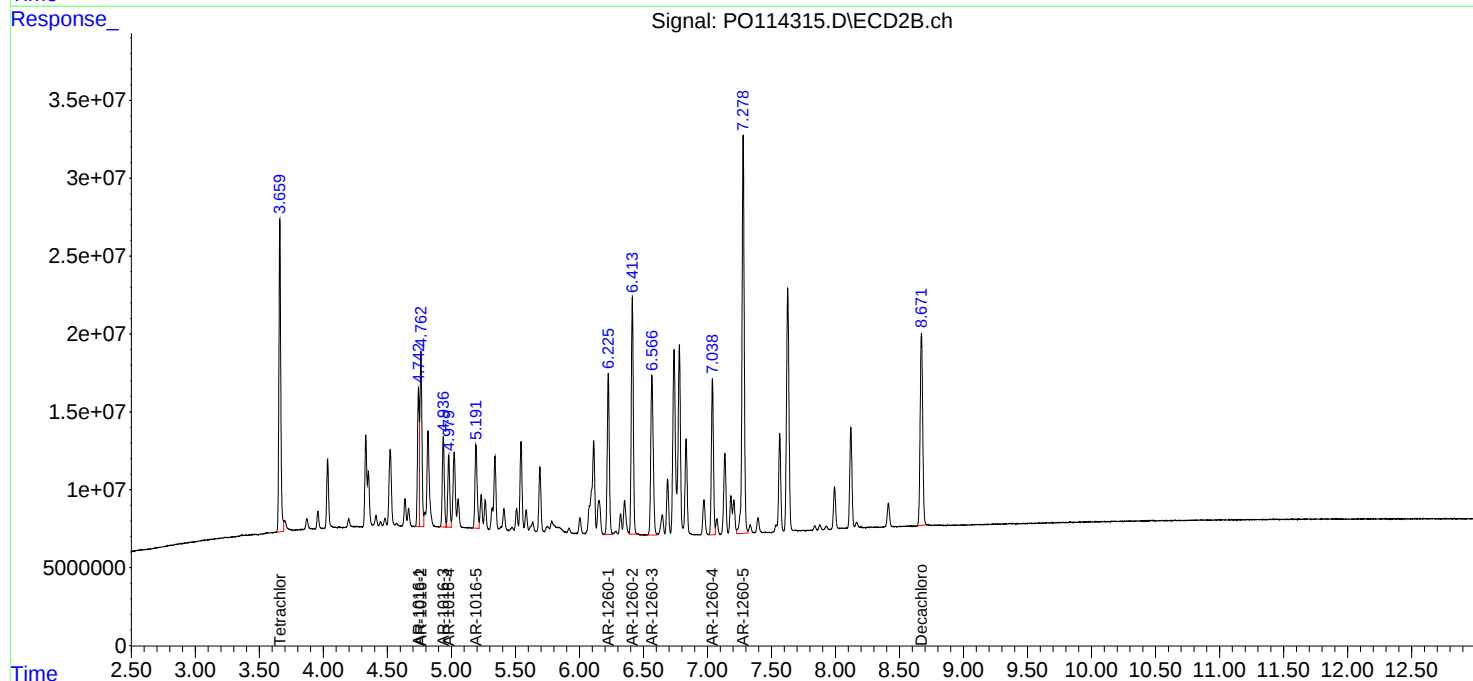
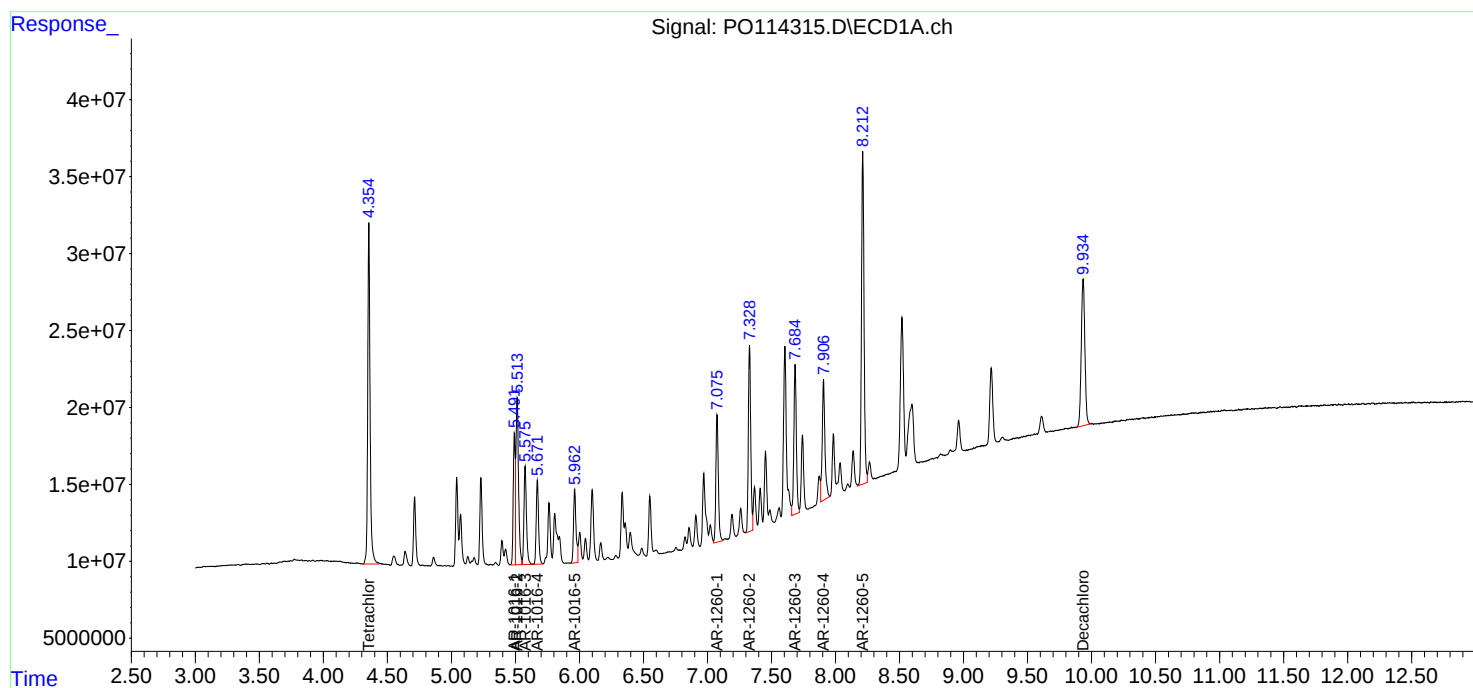
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114315.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 14:50
Operator : YP/AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:08:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:08:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114316.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 15:09
 Operator : YP/AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 15:23:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 09 15:23:24 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...	4.355	3.660	138.8E6	102.9E6	24.811	25.392
2) SA Decachlor...	9.934	8.671	91623451	87271717	24.680	26.033
Target Compounds						
3) L1 AR-1016-1	5.493	4.743	45830716	44646263	254.168	263.636
4) L1 AR-1016-2	5.514	4.762	78785225	63226166	258.341	261.044
5) L1 AR-1016-3	5.576	4.937	45626305	32771742	262.572	260.505
6) L1 AR-1016-4	5.672	4.979	35592047	25674514	256.513	262.143
7) L1 AR-1016-5	5.962	5.192	32548646	33560019	255.123	264.832
31) L7 AR-1260-1	7.075	6.225	54646550	61418348	249.386	264.632
32) L7 AR-1260-2	7.328	6.413	76791974	87622306	249.438	262.862
33) L7 AR-1260-3	7.685	6.566	65114275	74109581	247.187	269.530
34) L7 AR-1260-4	7.906	7.039	58192264	58227692	249.787	260.631
35) L7 AR-1260-5	8.213	7.279	145.3E6	158.1E6	245.512	255.506

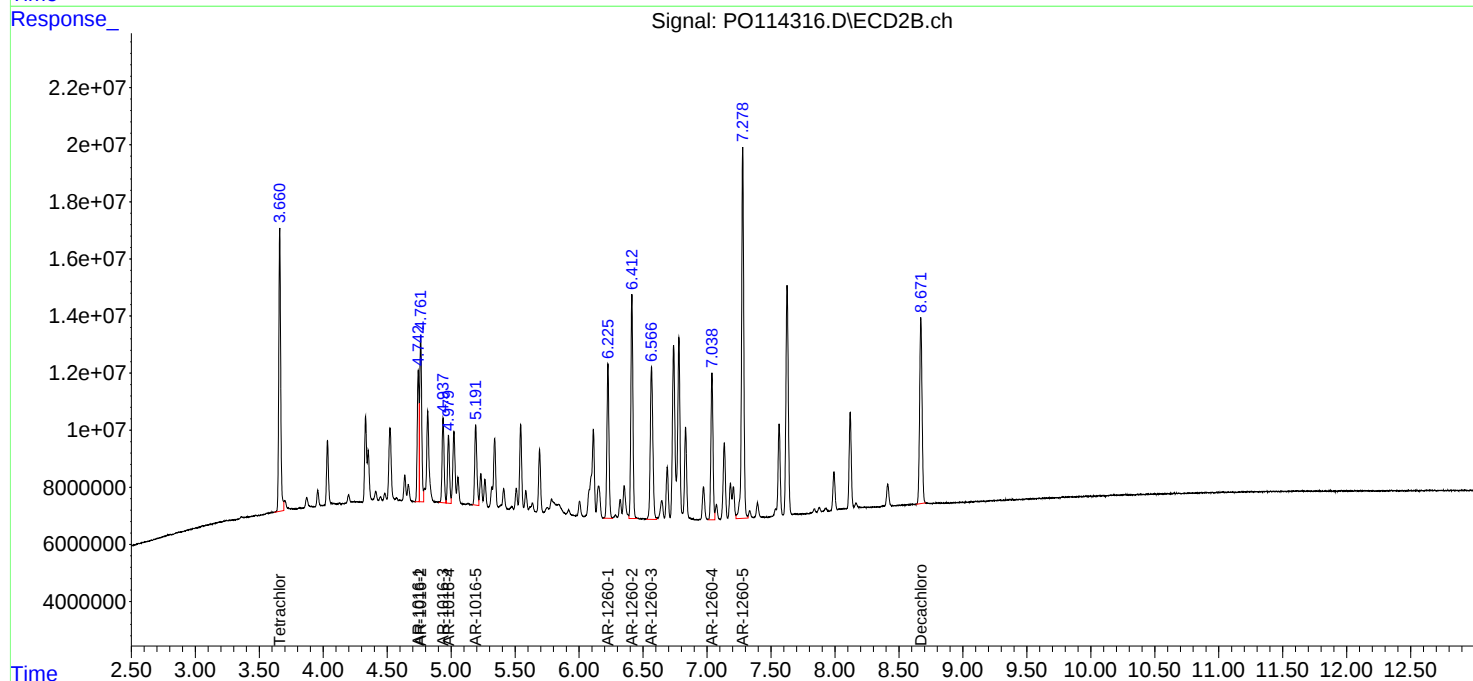
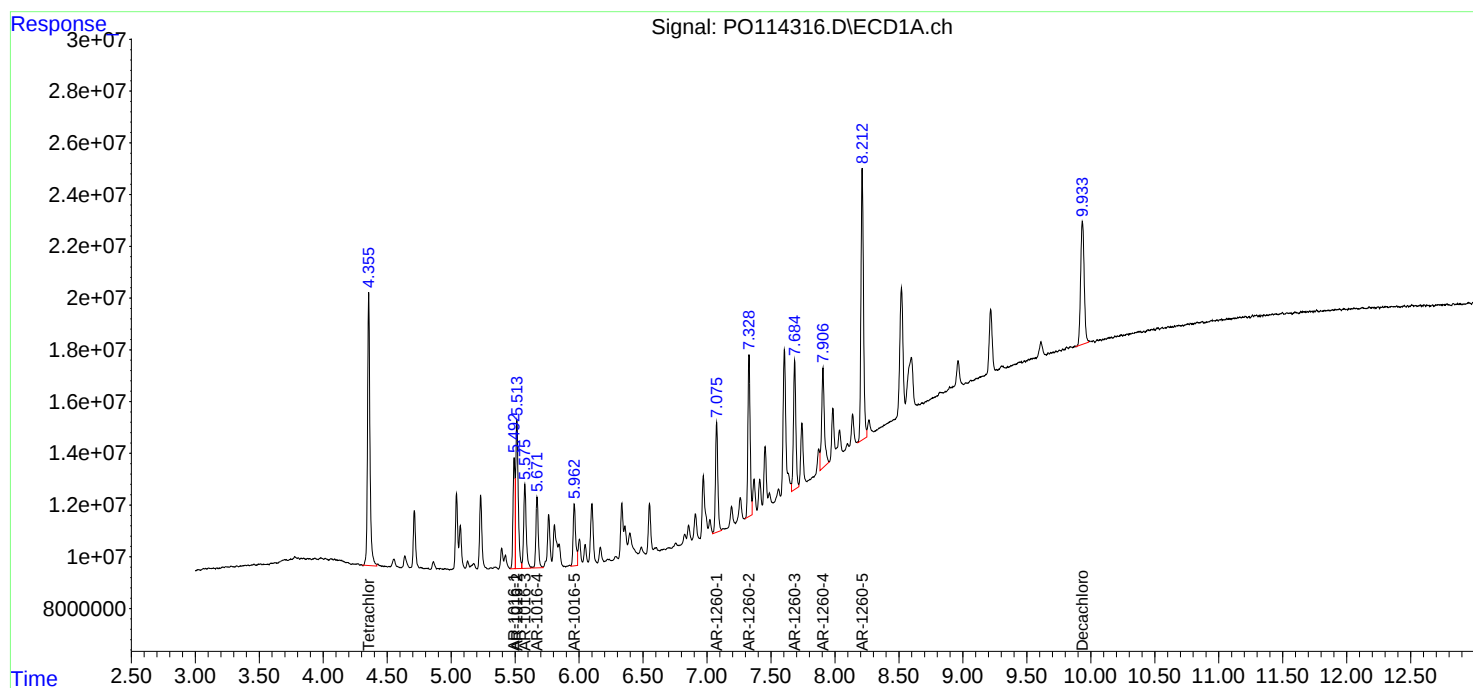
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114316.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:09
Operator : YP/AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:23:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:23:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114317.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 15:27
 Operator : YP/AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 15:50:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Oct 09 15:49:52 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	23830001	18995089	4.389	4.746
2) SA Decachlor...	9.932	8.671	16779332	16282457	4.608	4.885
Target Compounds						
3) L1 AR-1016-1	5.493	4.742	9026038	8226466	50.045	48.855
4) L1 AR-1016-2	5.514	4.762	15081209	12067905	49.561	49.860
5) L1 AR-1016-3	5.576	4.937	9459697	5878216	53.489	47.346
6) L1 AR-1016-4	5.672	4.979	6637903	4543186	48.257	47.067
7) L1 AR-1016-5	5.963	5.193	6050400	6619465	47.918	51.773
31) L7 AR-1260-1	7.074	6.225	10657906	12452970	48.905	52.883
32) L7 AR-1260-2	7.327	6.412	15554062	16929233	50.650m	50.627
33) L7 AR-1260-3	7.685	6.566	11433440	18743632	44.580	63.550 #
34) L7 AR-1260-4	7.906	7.039	11636453	11045144	49.959	49.550
35) L7 AR-1260-5	8.213	7.279	26688091	29514111	46.001	48.150

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114317.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:27
Operator : YP/AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

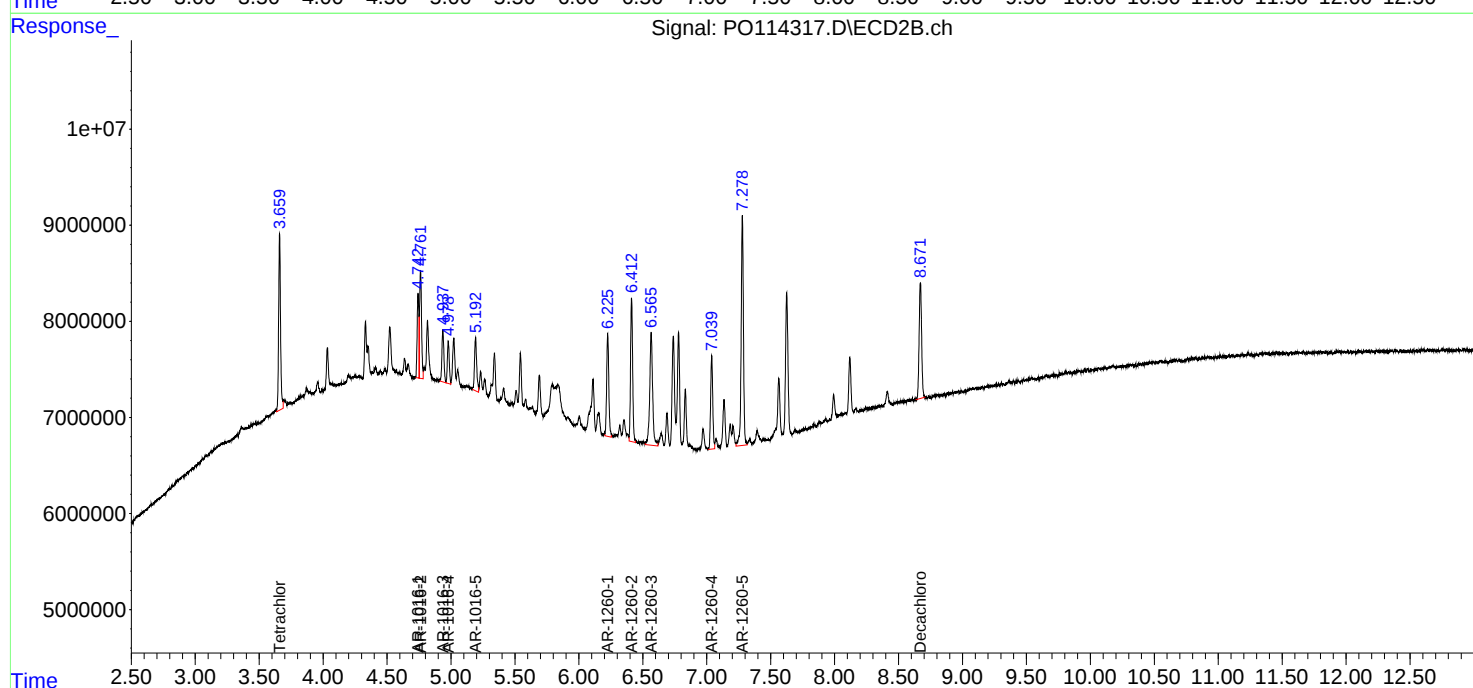
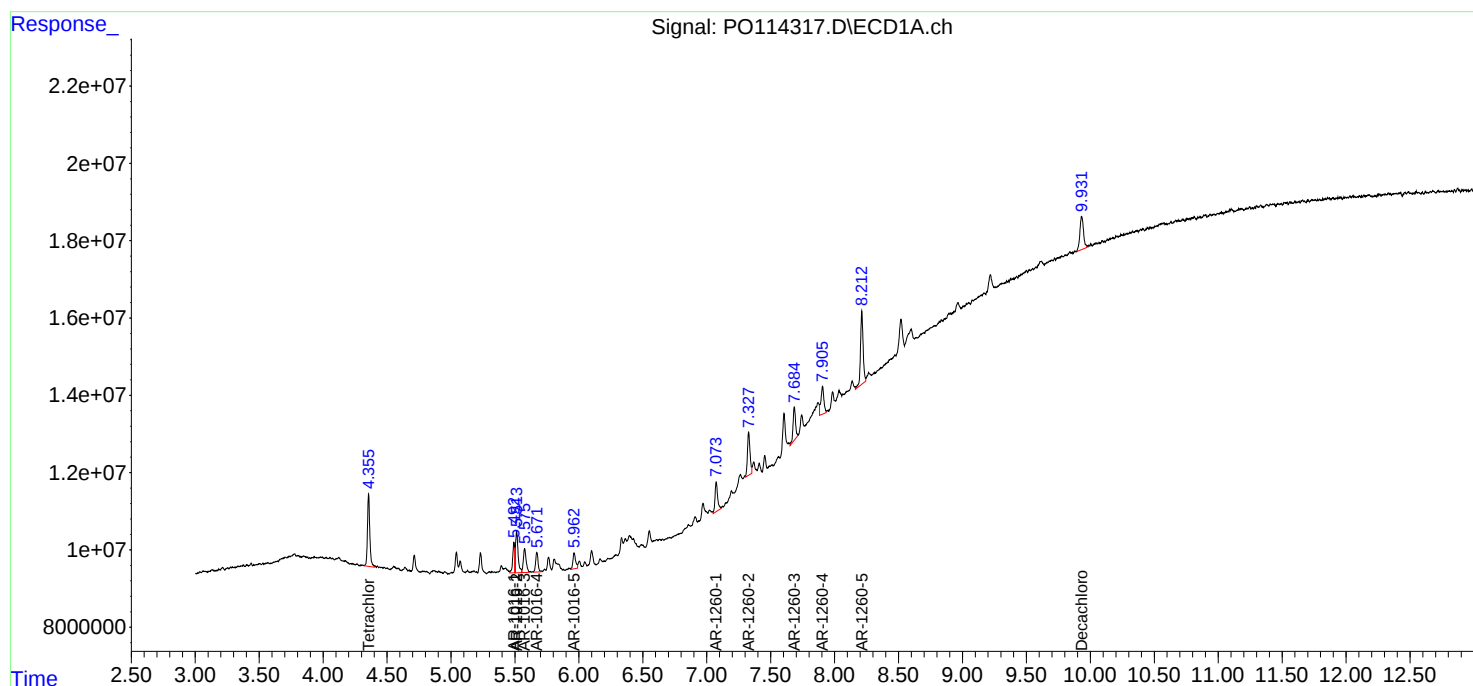
Instrument :
ECD_O
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 15:50:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Thu Oct 09 15:49:52 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 15:45
 Operator : YP/AJ
 Sample : AR1221ICC500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1221ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:19:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:14:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	288.6E6	207.2E6	50.000	50.000
2) SA Decachlor...	9.933	8.671	186.4E6	175.2E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.556	3.873	32514894	27415988	500.000	500.000
9) L2 AR-1221-2	4.639	3.957	22925746	20232677	500.000	500.000
10) L2 AR-1221-3	4.713	4.034	75238574	64224491	500.000	500.000

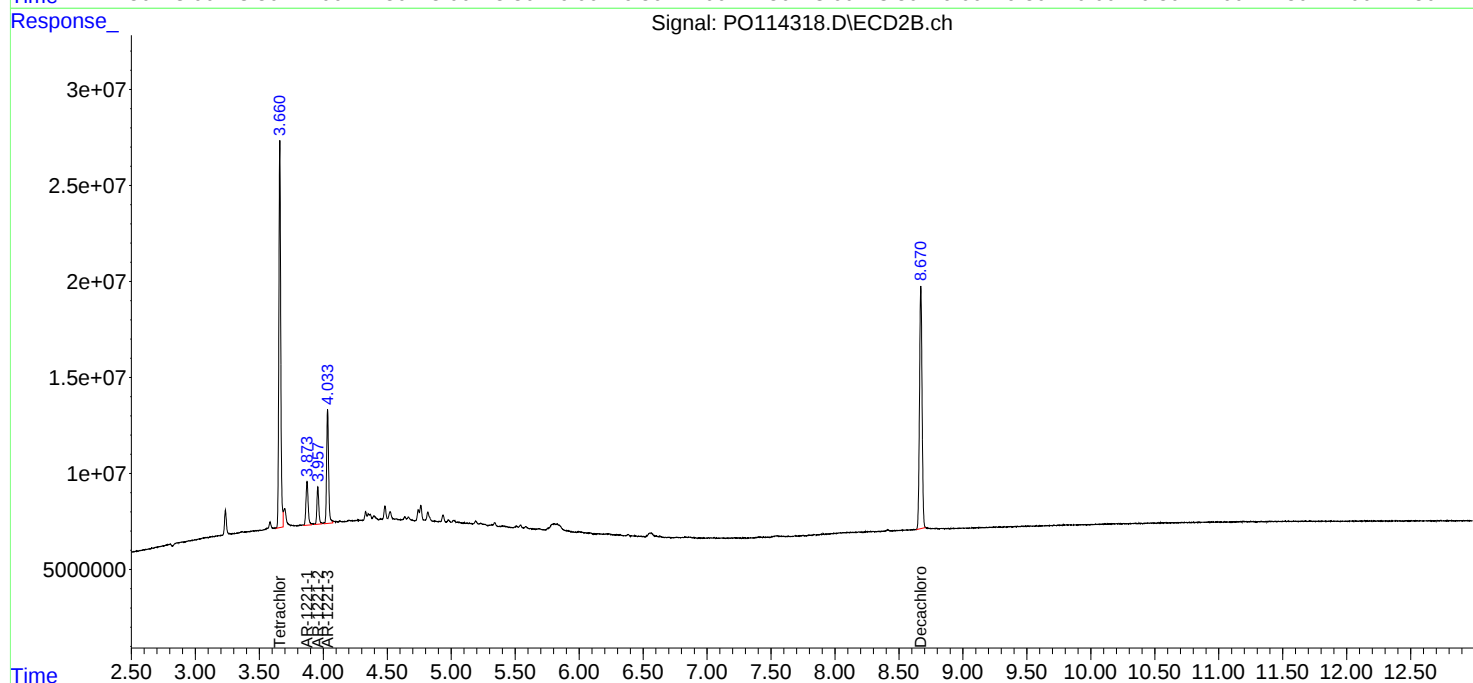
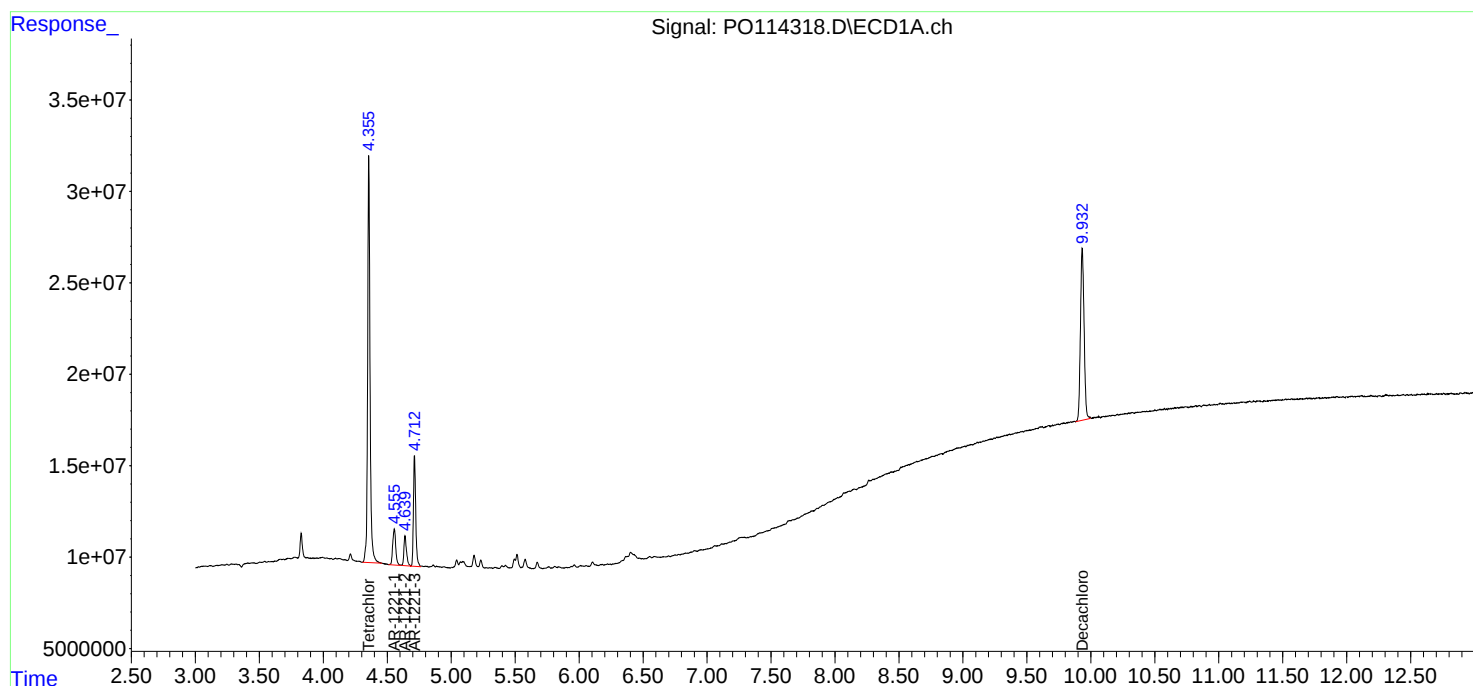
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100925\
Data File : PO114318.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 15:45
Operator : YP/AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:19:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:14:21 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114319.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 16:04
 Operator : YP/AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:41:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:30:06 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	302.6E6	220.9E6	50.000	50.000
2) SA Decachlor...	9.934	8.672	196.9E6	187.6E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	4.713	4.034	61030294	52326043	500.000	500.000
12) L3 AR-1232-2	5.232	4.762	27033006	51440164	500.000	500.000
13) L3 AR-1232-3	5.515	4.937	60677577	25618572	500.000	500.000
14) L3 AR-1232-4	5.673	5.022	27015759	21817348	500.000	500.000
15) L3 AR-1232-5	5.764	5.192	18674393	24026014	500.000	500.000

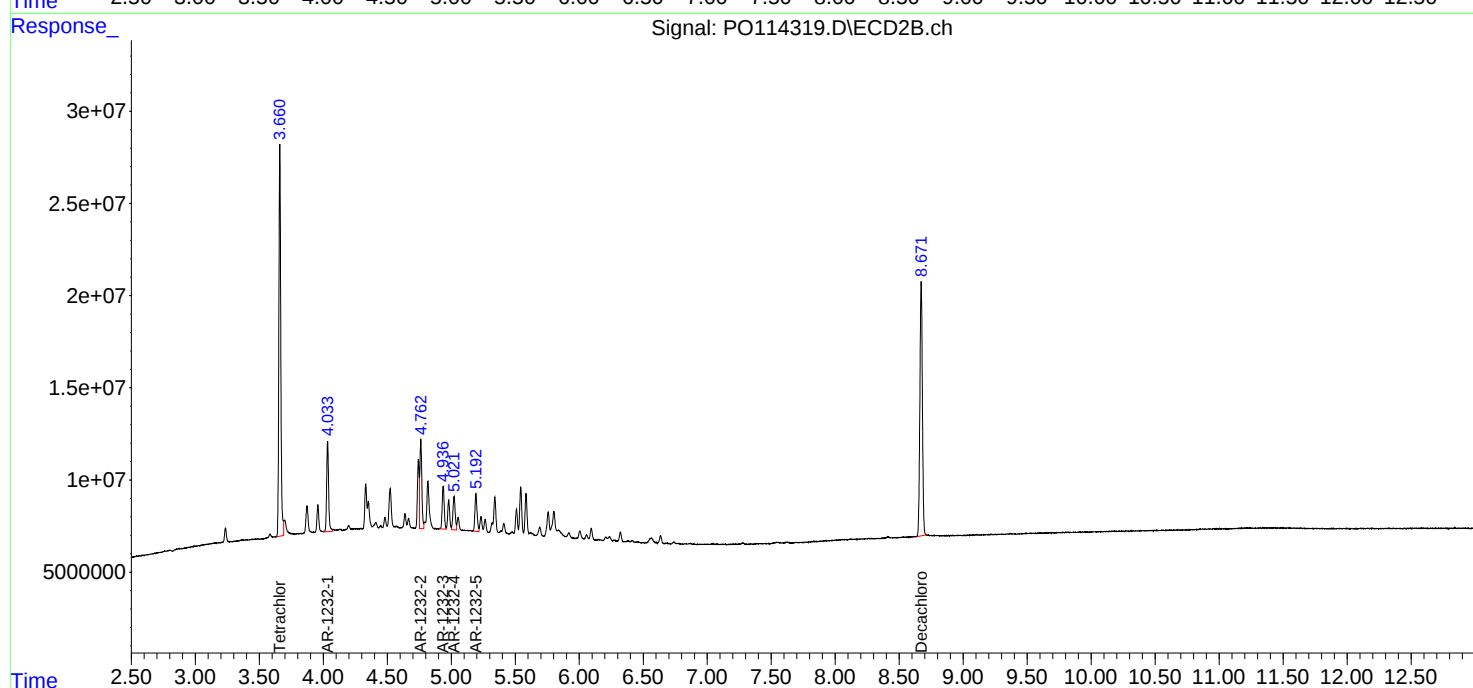
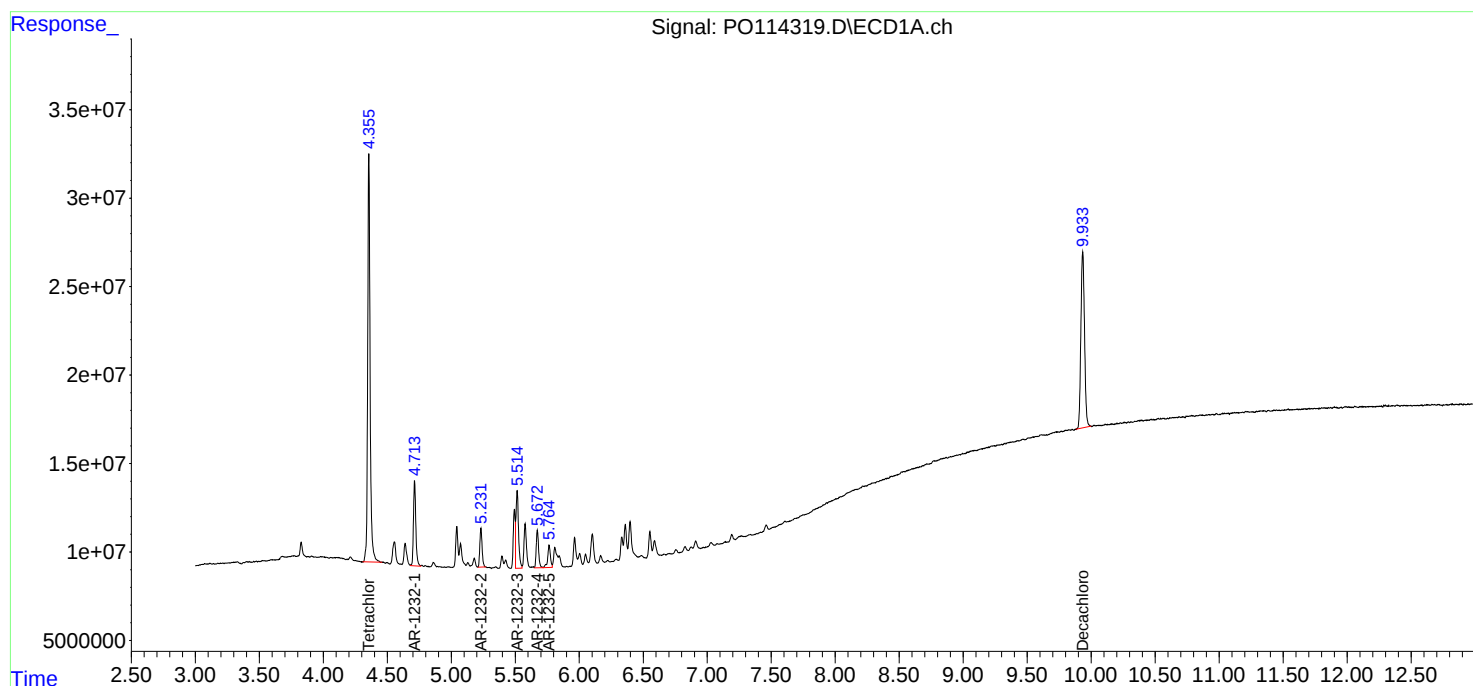
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114319.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:04
Operator : YP/AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:30:06 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114320.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 16:22
 Operator : YP/AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:01:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:58:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	580.4E6	443.2E6	98.479	101.194
2) SA Decachlor...	9.933	8.672	380.3E6	351.7E6	98.499	93.601
Target Compounds						
16) L4 AR-1242-1	5.493	4.743	126.7E6	122.5E6	938.425	935.032
17) L4 AR-1242-2	5.514	4.762	212.4E6	175.9E6	955.211	941.677
18) L4 AR-1242-3	5.576	4.937	119.1E6	92492282	947.715	943.100
19) L4 AR-1242-4	5.672	5.021	99737299	86300671	972.751	935.003
20) L4 AR-1242-5	6.397	5.542	103.0E6	113.1E6	921.866	921.779

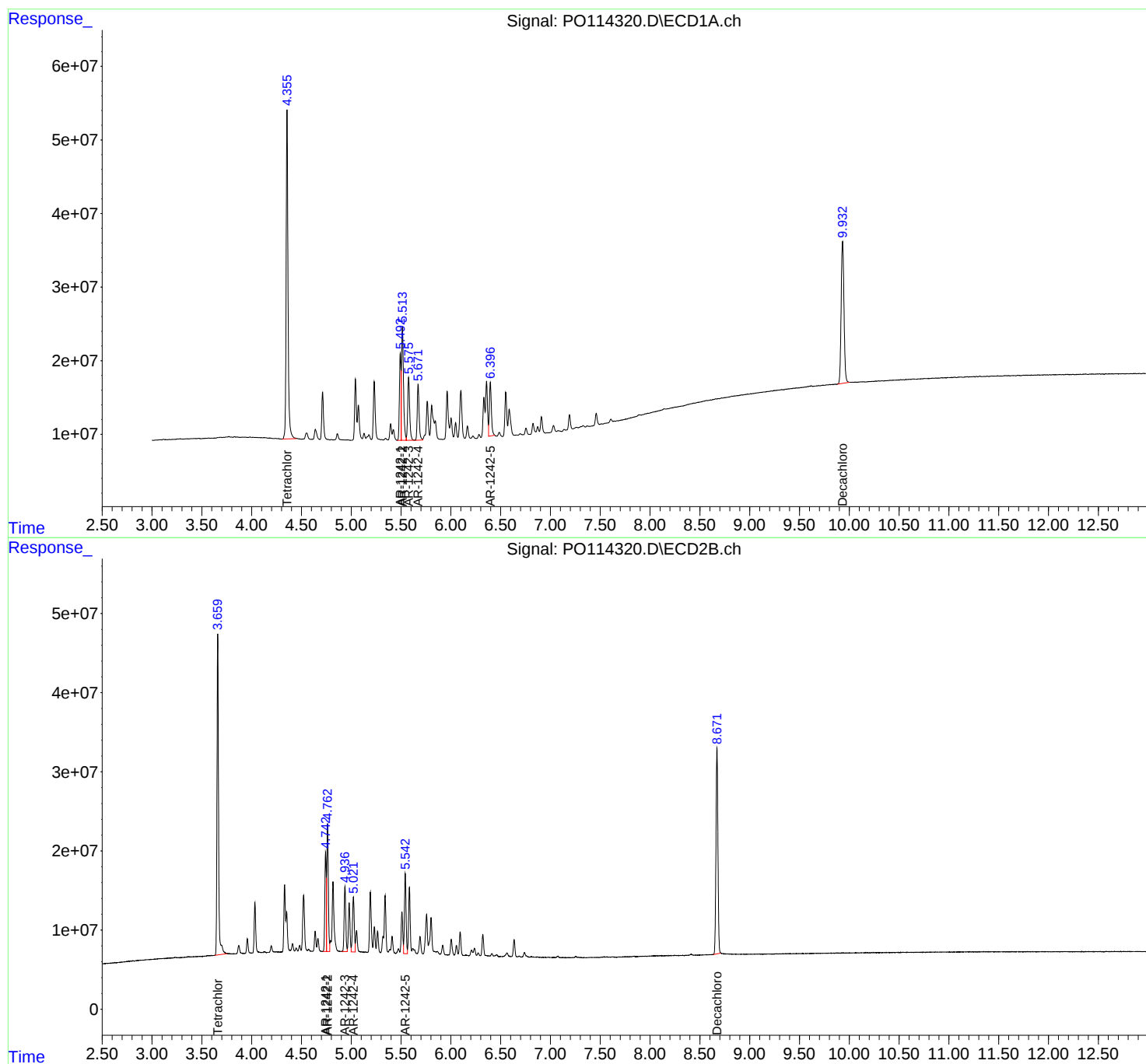
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114320.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:22
Operator : YP/AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:01:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114321.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 16:40
 Operator : YP/AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:02:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:58:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	444.7E6	330.9E6	75.444	75.556
2) SA Decachlor...	9.932	8.669	293.2E6	276.1E6	75.944	73.487
Target Compounds						
16) L4 AR-1242-1	5.492	4.742	99134451	96798286	734.219	738.861
17) L4 AR-1242-2	5.513	4.761	164.9E6	137.4E6	741.436	735.962
18) L4 AR-1242-3	5.576	4.936	93091498	72083589	740.483	735.002
19) L4 AR-1242-4	5.671	5.021	76402643	67429306	745.165	730.546
20) L4 AR-1242-5	6.396	5.541	79672910	89372310	712.759	728.108

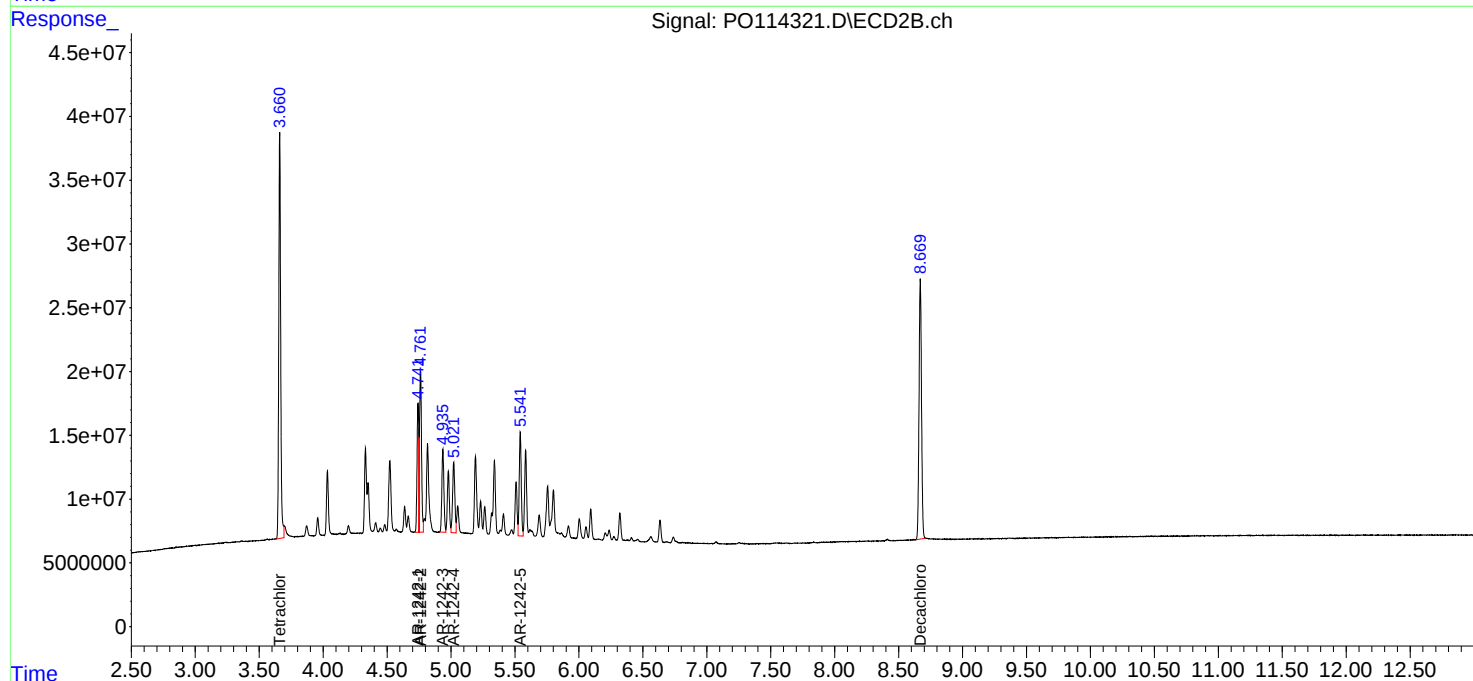
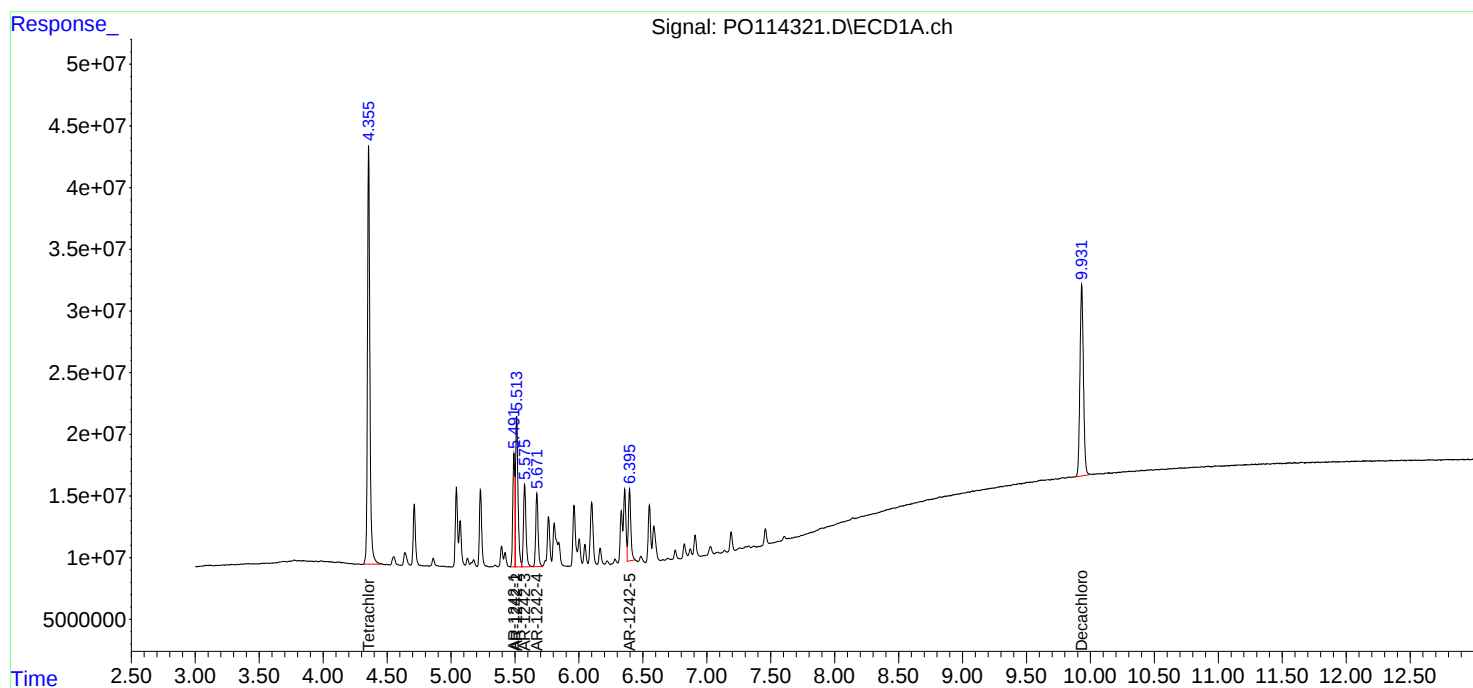
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:40
Operator : YP/AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114322.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 16:59
 Operator : YP/AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 02:58:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:58:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	294.7E6	219.0E6	50.000	50.000
2) SA Decachlor...	9.934	8.671	193.1E6	187.9E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.493	4.742	67510129	65505040	500.000	500.000
17) L4 AR-1242-2	5.515	4.762	111.2E6	93376496	500.000	500.000
18) L4 AR-1242-3	5.577	4.936	62858607	49036326	500.000	500.000
19) L4 AR-1242-4	5.673	5.021	51265559	46149944	500.000	500.000
20) L4 AR-1242-5	6.397	5.542	55890505	61372959	500.000	500.000

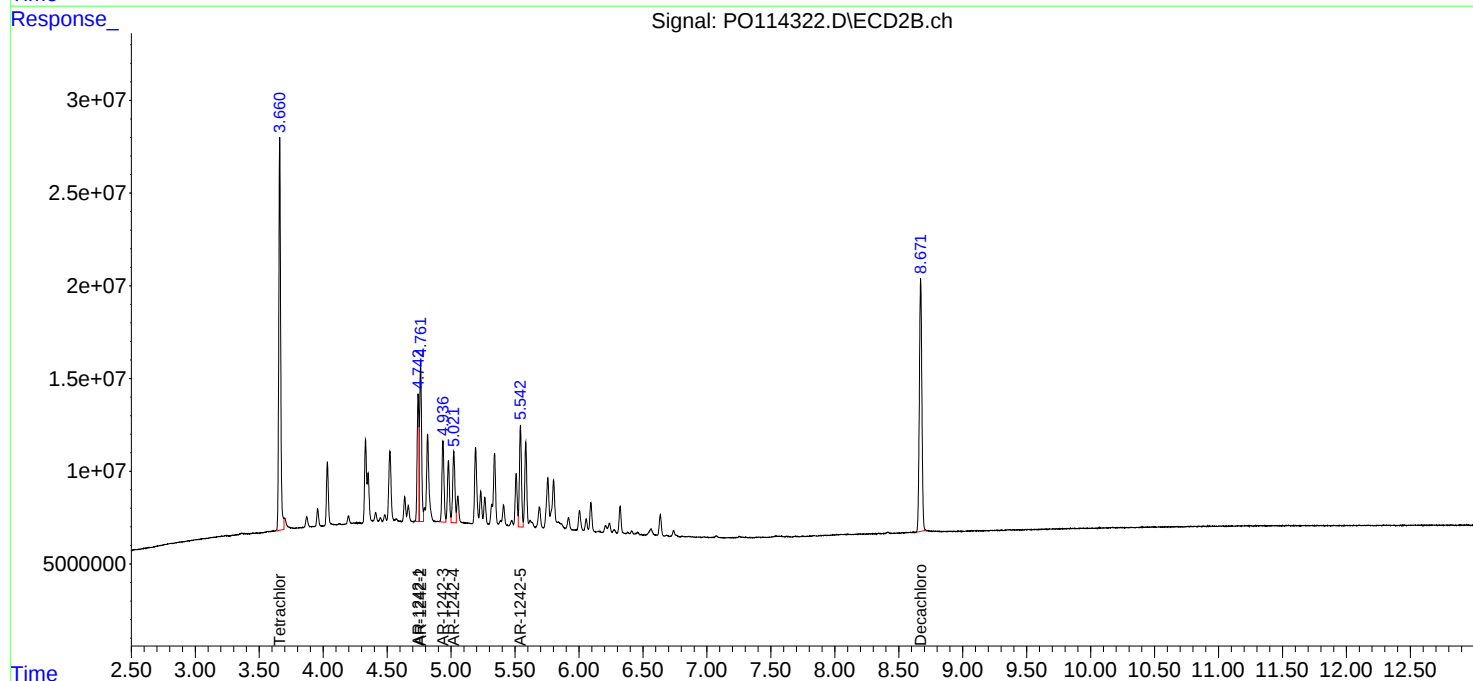
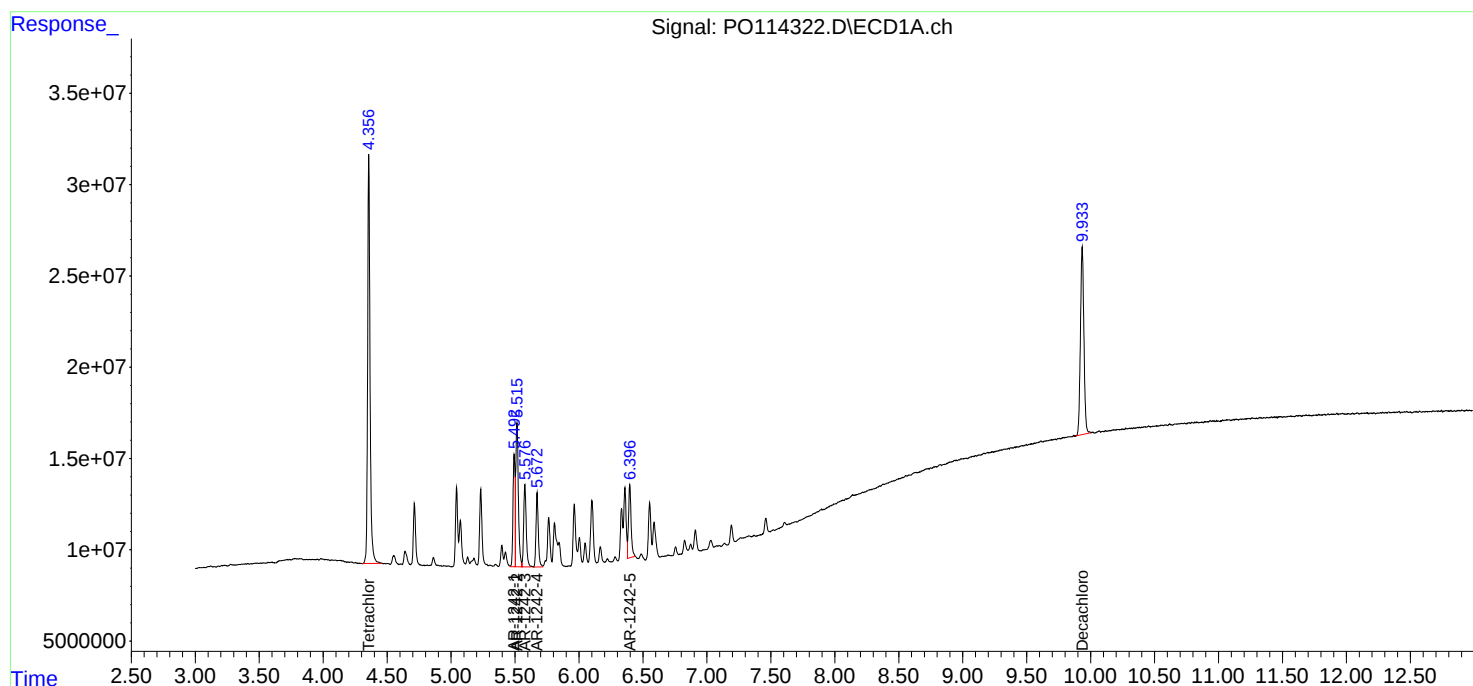
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114322.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 16:59
Operator : YP/AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 02:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114323.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:17
 Operator : YP/AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:02:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:58:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	147.9E6	111.8E6	25.093	25.526
2) SA Decachlor...	9.933	8.670	95848992	95892045	24.825	25.520
Target Compounds						
16) L4 AR-1242-1	5.492	4.742	33811575	34309165	250.419	261.882
17) L4 AR-1242-2	5.513	4.761	56611093	47914263	254.601	256.565
18) L4 AR-1242-3	5.576	4.936	32886335	24900249	261.590	253.896
19) L4 AR-1242-4	5.671	5.021	26374184	23713234	257.231	256.915
20) L4 AR-1242-5	6.396	5.541	30880476	31996350	276.259	260.671

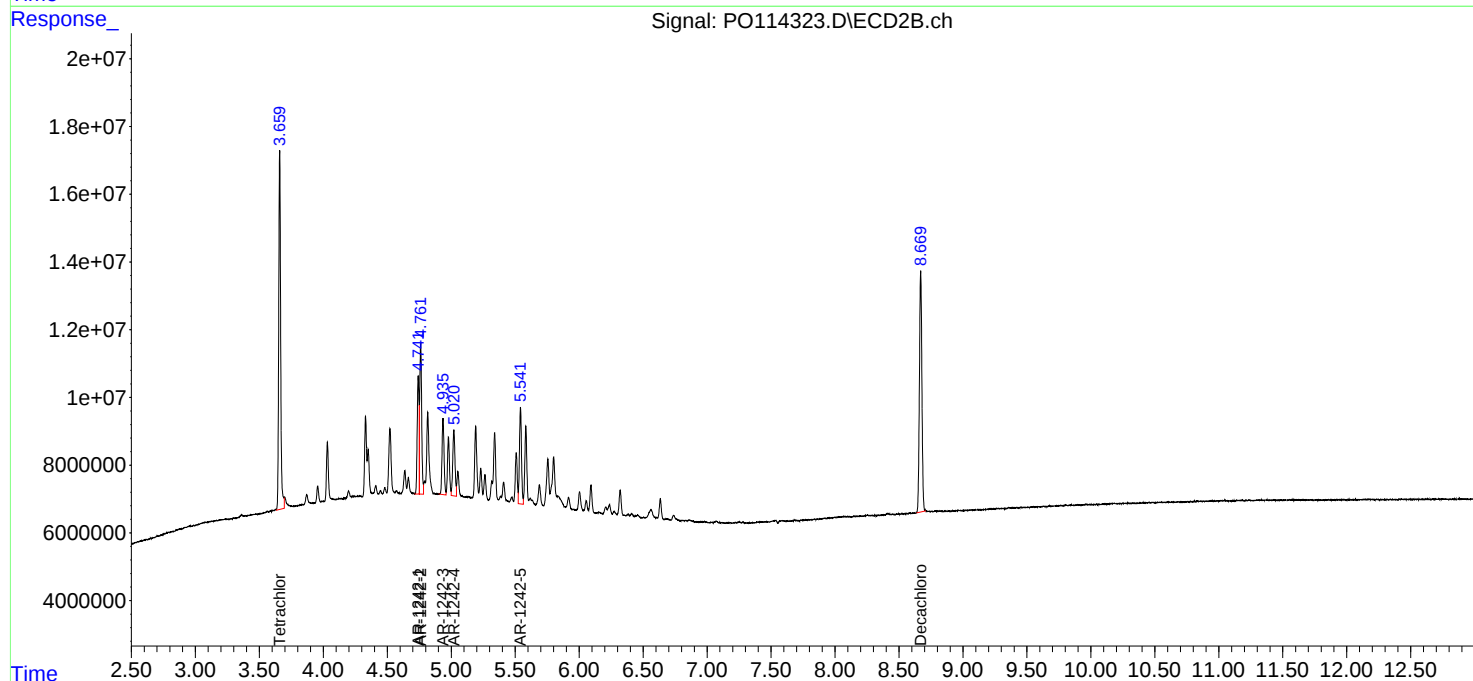
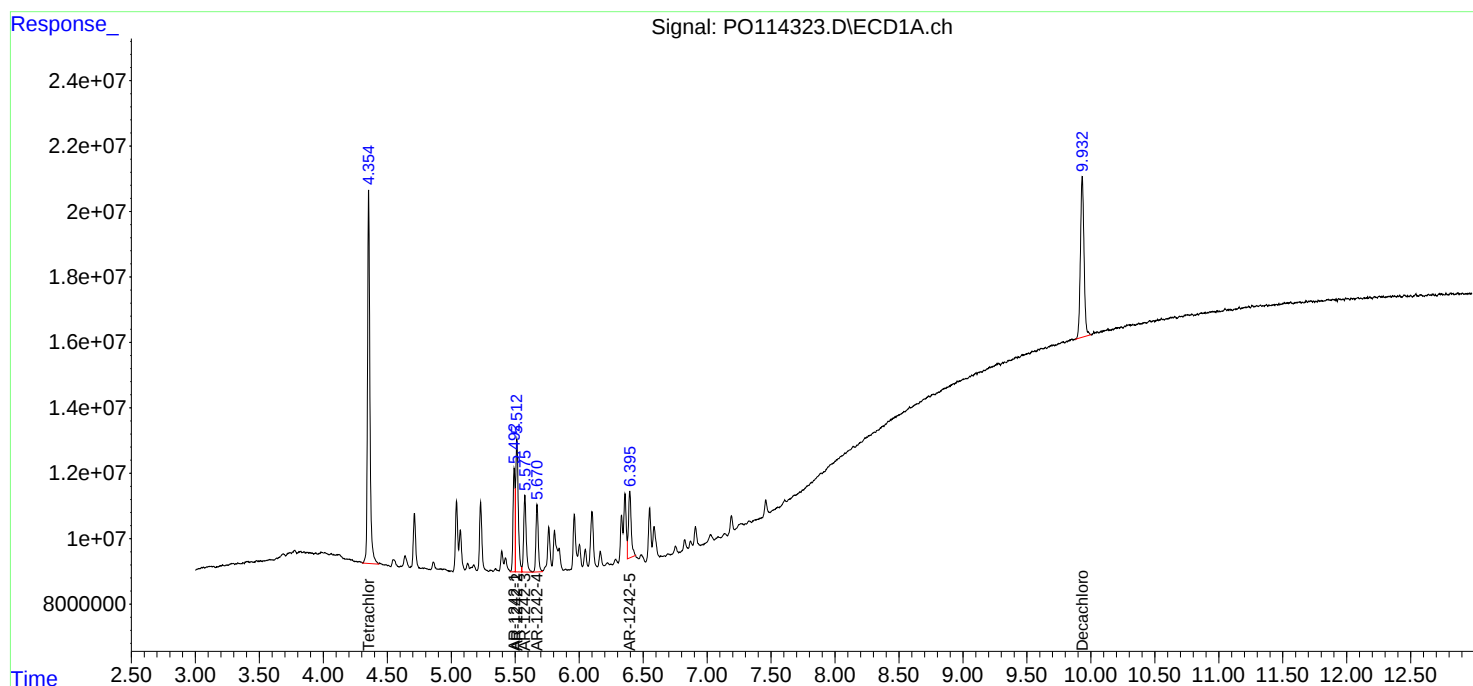
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114323.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:17
Operator : YP/AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114324.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:35
 Operator : YP/AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:02:33 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 02:58:00 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	27271585	21243716	4.627	4.850
2) SA Decachlor...	9.932	8.669	17624605	18885026	4.565	5.026
Target Compounds						
16) L4 AR-1242-1	5.493	4.742	6433317	6662721	47.647	50.857
17) L4 AR-1242-2	5.513	4.761	10837885	9820361	48.742	52.585
18) L4 AR-1242-3	5.576	4.936	5805995	4612208	46.183	47.028
19) L4 AR-1242-4	5.671	5.020	5166859	4917953	50.393	53.282
20) L4 AR-1242-5	6.396	5.542	6729455	6488205	60.202m	52.859

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114324.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:35
Operator : YP/AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

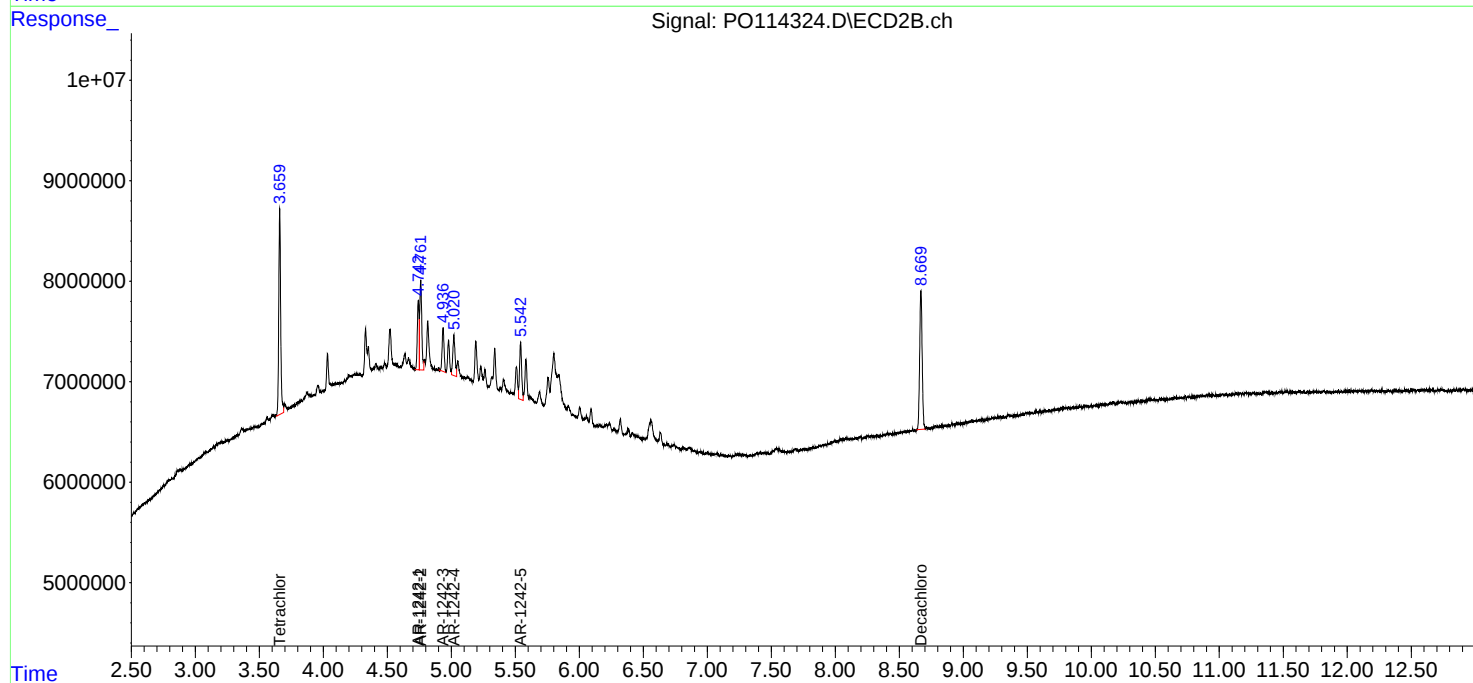
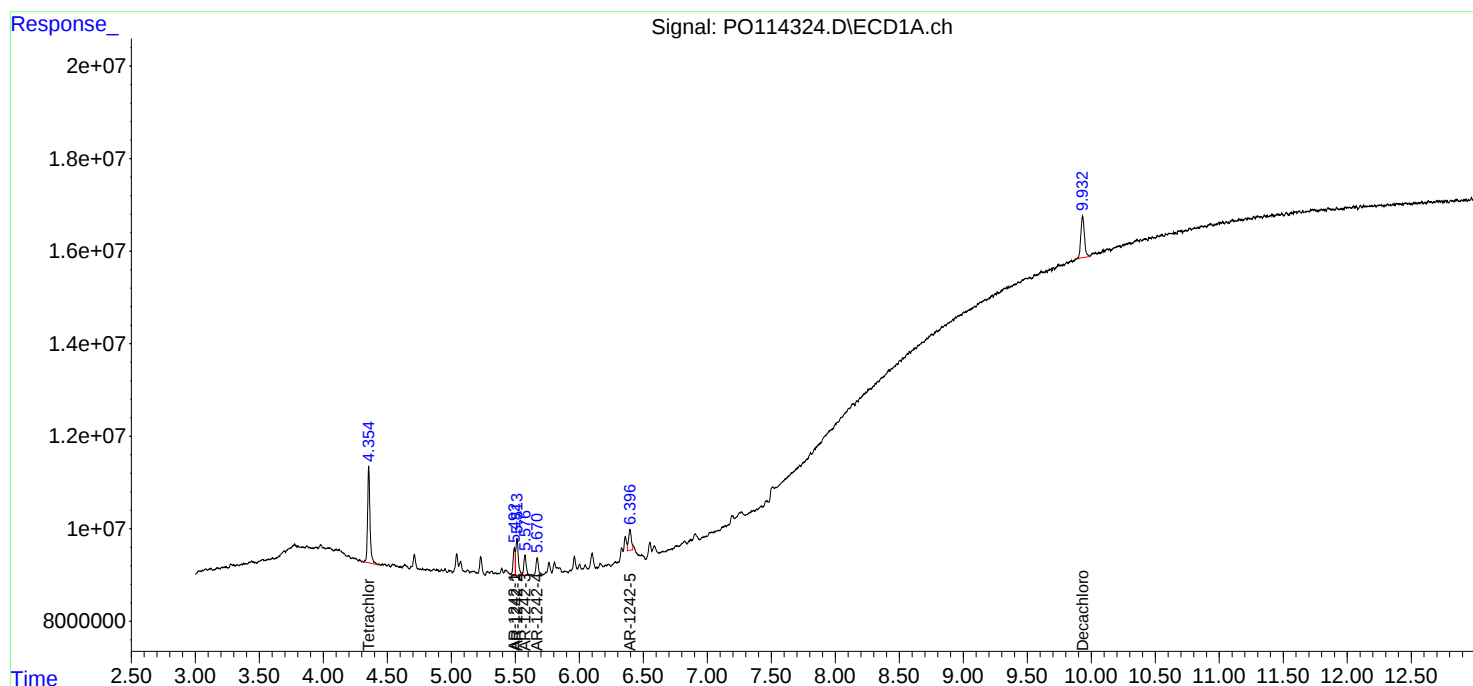
Instrument :
ECD_O
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:02:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 02:58:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114325.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 17:54
 Operator : YP/AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:20:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:15:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.356	3.660	577.9E6	443.1E6	94.475	94.719
2)	SA Decachlor...	9.931	8.669	381.6E6	366.1E6	96.432	92.646
Target Compounds							
21)	L5 AR-1248-1	5.493	4.742	98567829	94570009	928.313	912.888
22)	L5 AR-1248-2	5.763	4.979	137.9E6	125.5E6	941.077	911.660
23)	L5 AR-1248-3	5.963	5.021	151.7E6	130.7E6	928.168	912.314
24)	L5 AR-1248-4	6.358	5.191	182.2E6	154.7E6	929.888	915.281
25)	L5 AR-1248-5	6.396	5.583	174.5E6	159.8E6	914.994	921.033

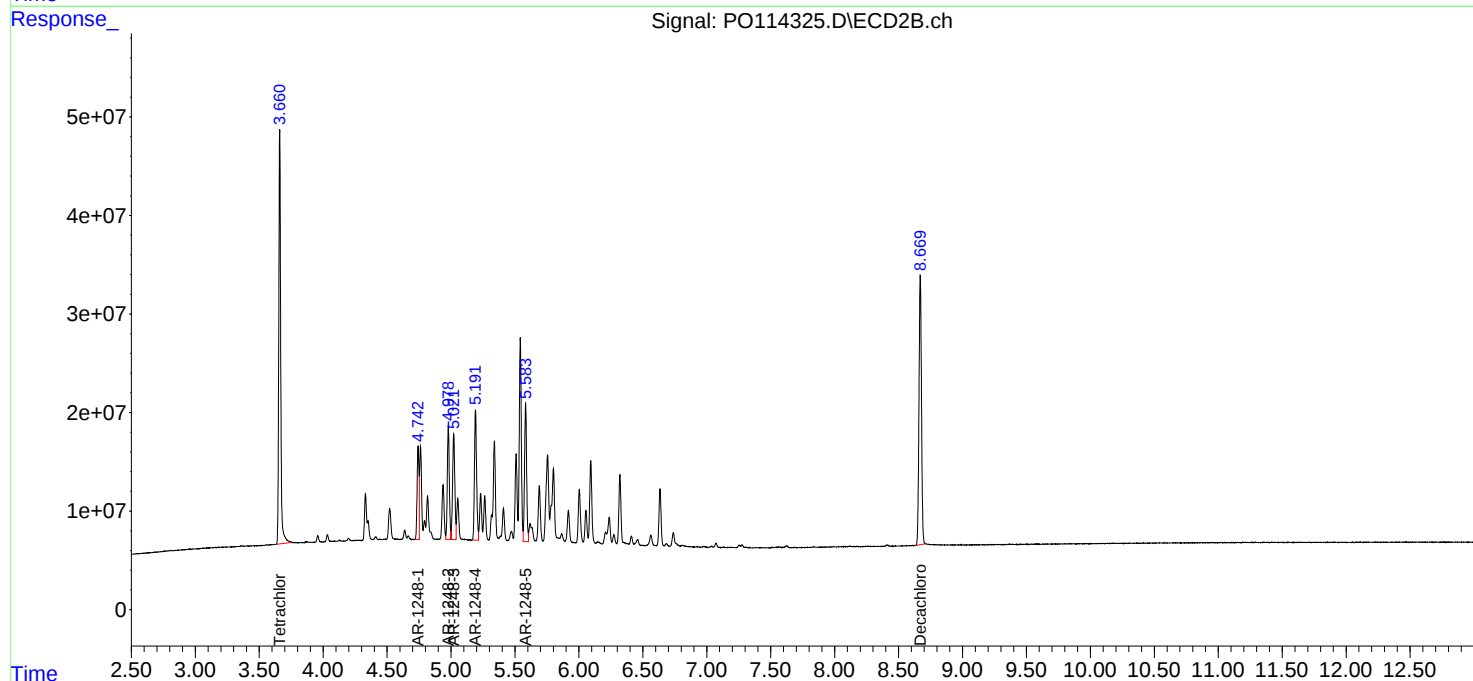
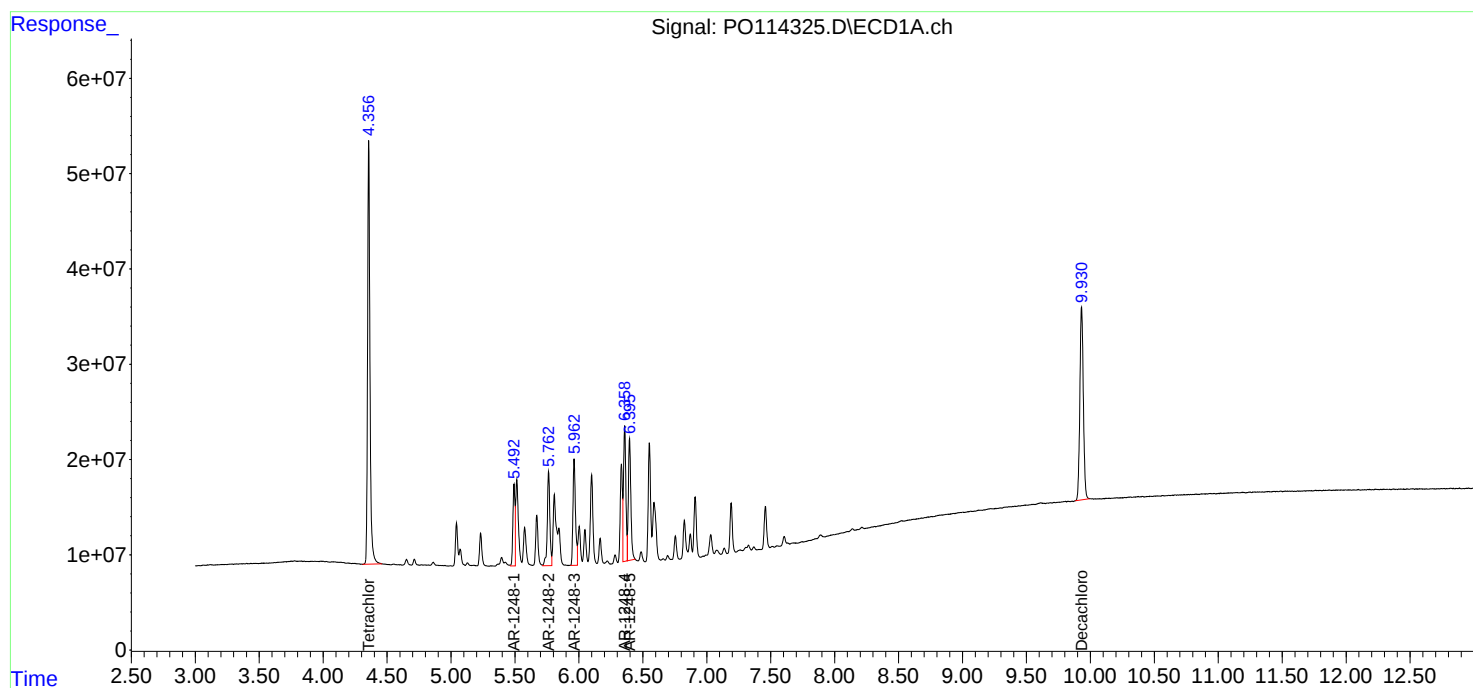
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114325.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 17:54
Operator : YP/AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114326.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 18:12
 Operator : YP/AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:20:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:15:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	453.4E6	347.6E6	74.110	74.302
2) SA Decachlor...	9.934	8.670	295.3E6	287.5E6	74.613	72.751
Target Compounds						
21) L5 AR-1248-1	5.493	4.742	76602229	74553202	721.441	719.665
22) L5 AR-1248-2	5.764	4.978	106.9E6	99975147	729.538	726.229
23) L5 AR-1248-3	5.963	5.020	119.5E6	104.3E6	731.245	727.518
24) L5 AR-1248-4	6.359	5.191	143.0E6	122.7E6	729.751	725.750
25) L5 AR-1248-5	6.397	5.583	137.7E6	126.3E6	721.883	727.694

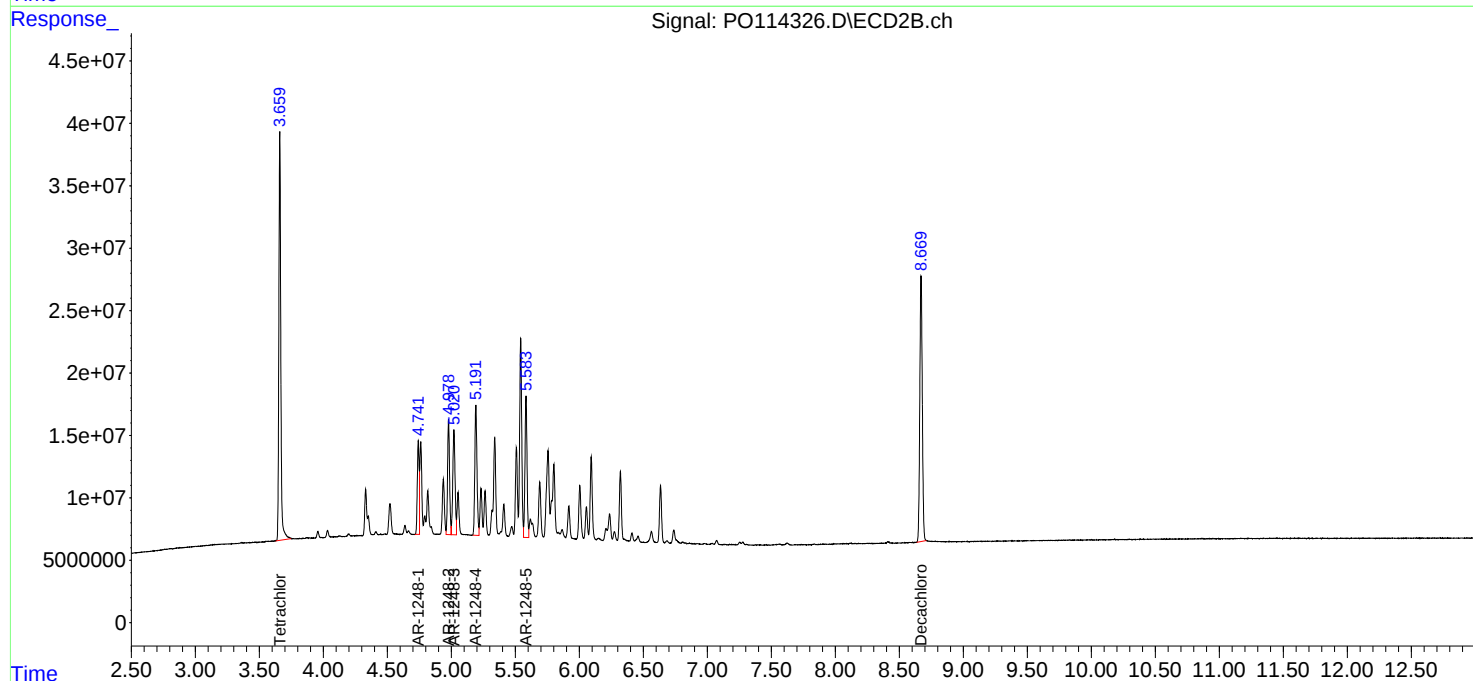
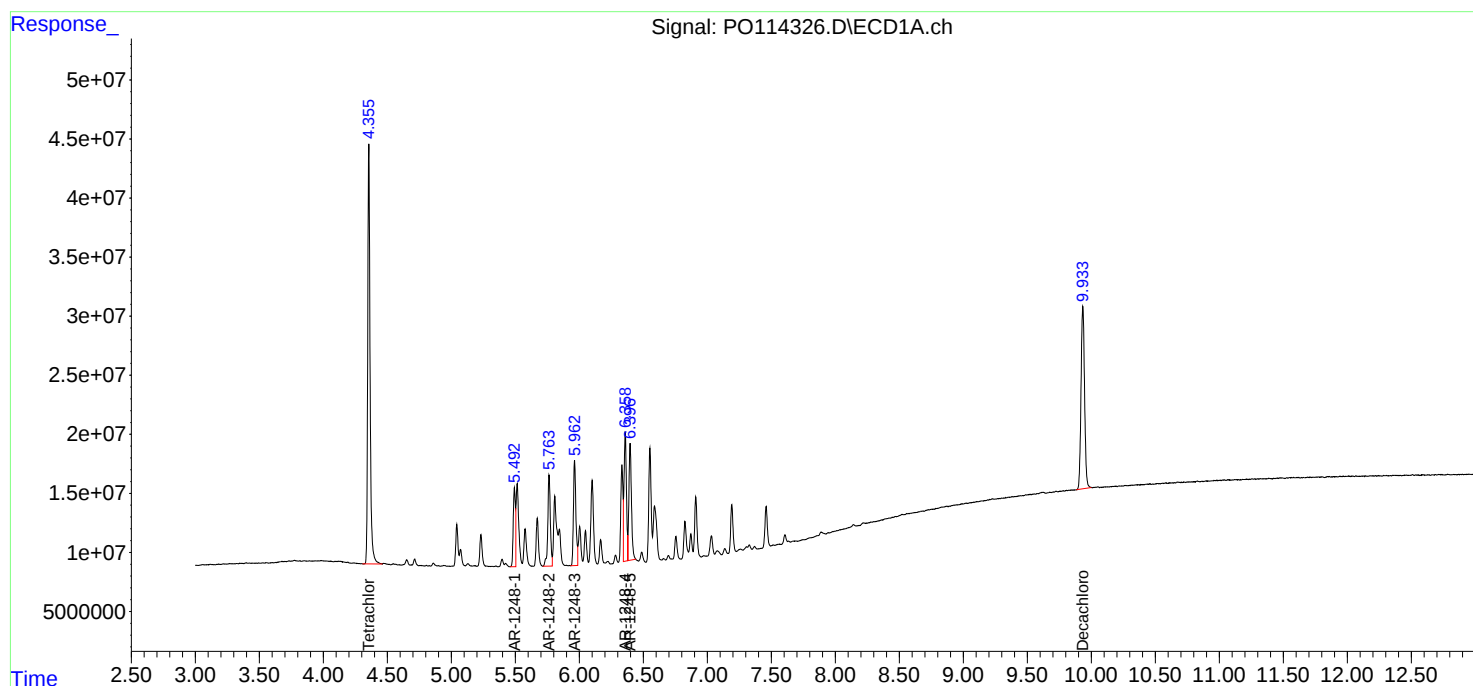
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114326.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:12
Operator : YP/AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114327.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 18:30
 Operator : YP/AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:20:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:15:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	305.9E6	233.9E6	50.000	50.000
2) SA Decachlor...	9.933	8.669	197.9E6	197.6E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.492	4.742	53089764	51797180	500.000	500.000
22) L5 AR-1248-2	5.762	4.978	73263203	68831701	500.000	500.000
23) L5 AR-1248-3	5.963	5.021	81710216	71653127	500.000	500.000
24) L5 AR-1248-4	6.359	5.191	97963368	84508243	500.000	500.000
25) L5 AR-1248-5	6.396	5.583	95379713	86758108	500.000	500.000

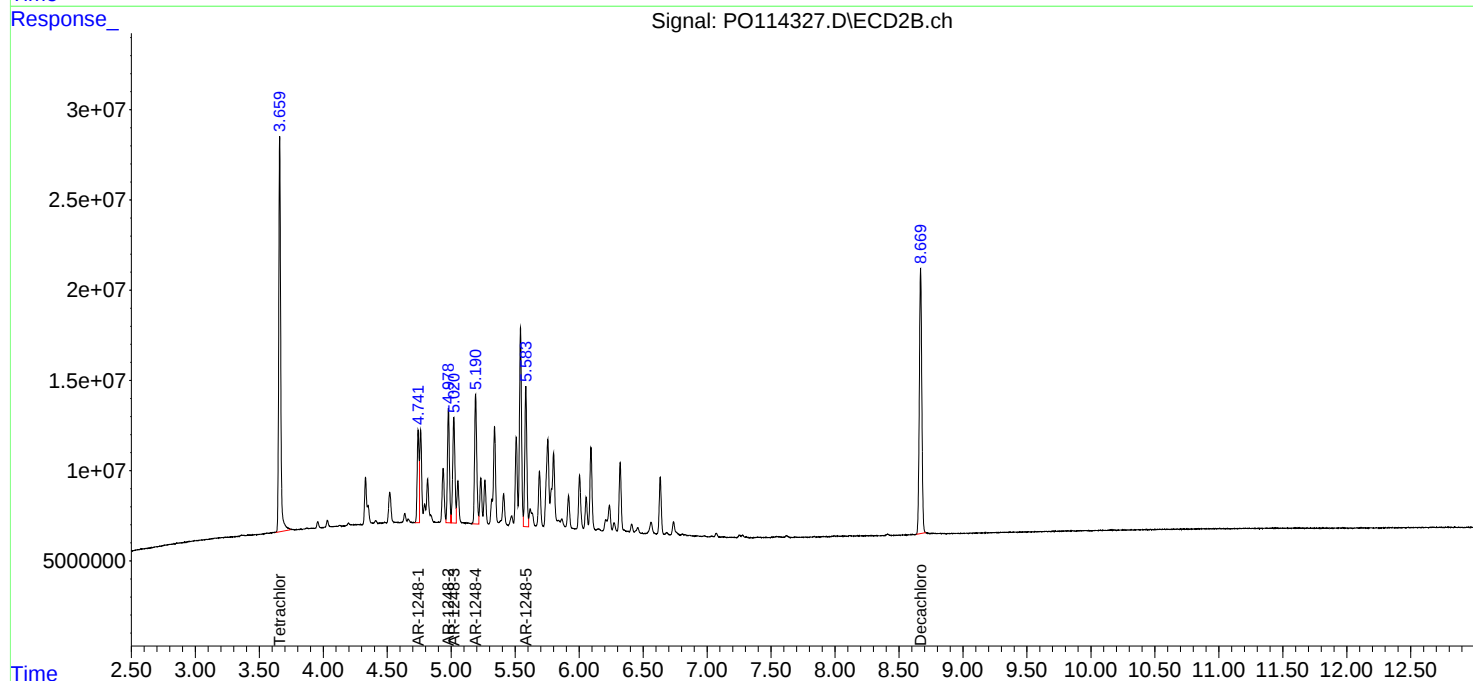
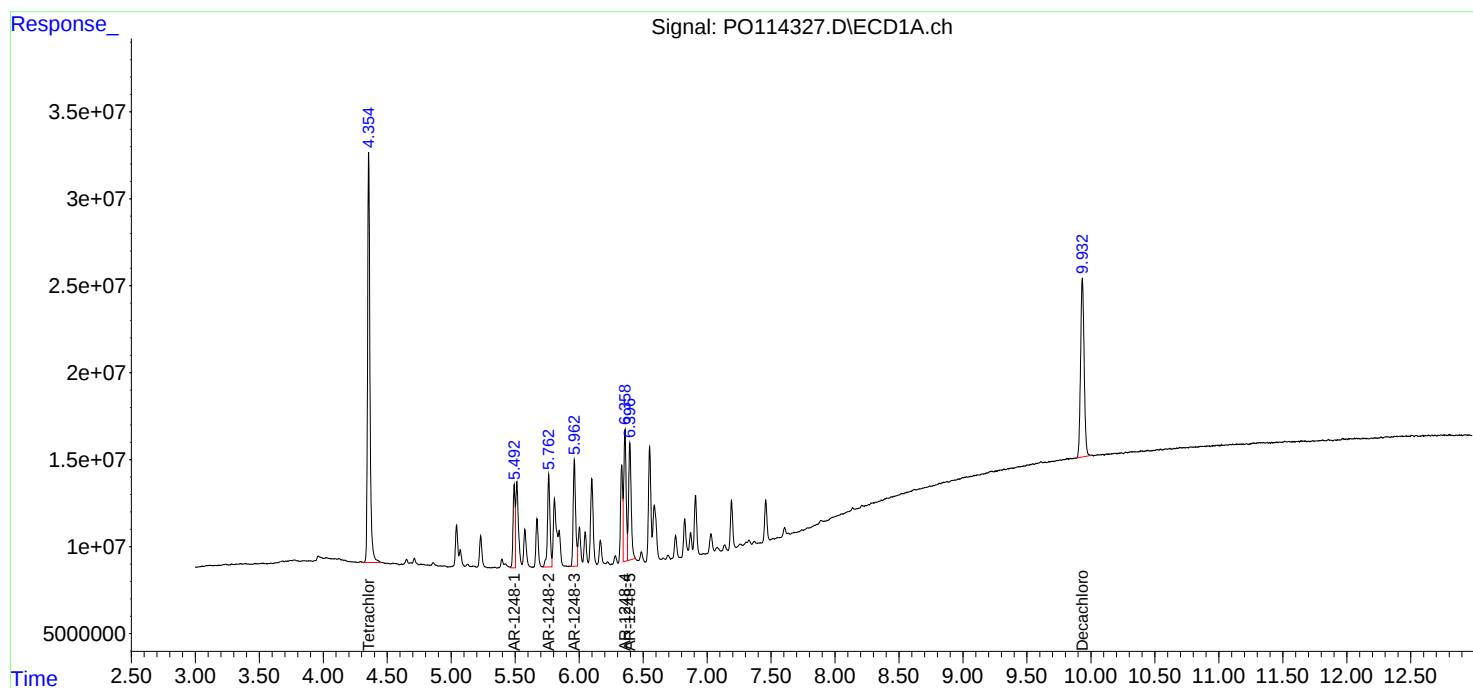
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114327.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:30
Operator : YP/AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:20:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114328.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 18:49
 Operator : YP/AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC250

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 03:20:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:15:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	145.8E6	113.4E6	23.835	24.253
2) SA Decachlor...	9.933	8.669	94098127	97777263	23.777	24.742
Target Compounds						
21) L5 AR-1248-1	5.492	4.742	25431383	25439597	239.513	245.569
22) L5 AR-1248-2	5.763	4.978	36328448	34401216	247.931	249.894
23) L5 AR-1248-3	5.962	5.021	39757173	35545296	243.282	248.037
24) L5 AR-1248-4	6.359	5.190	48762871	41877521	248.883	247.772
25) L5 AR-1248-5	6.396	5.583	50703298	42826475	265.797m	246.815

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114328.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 18:49
Operator : YP/AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

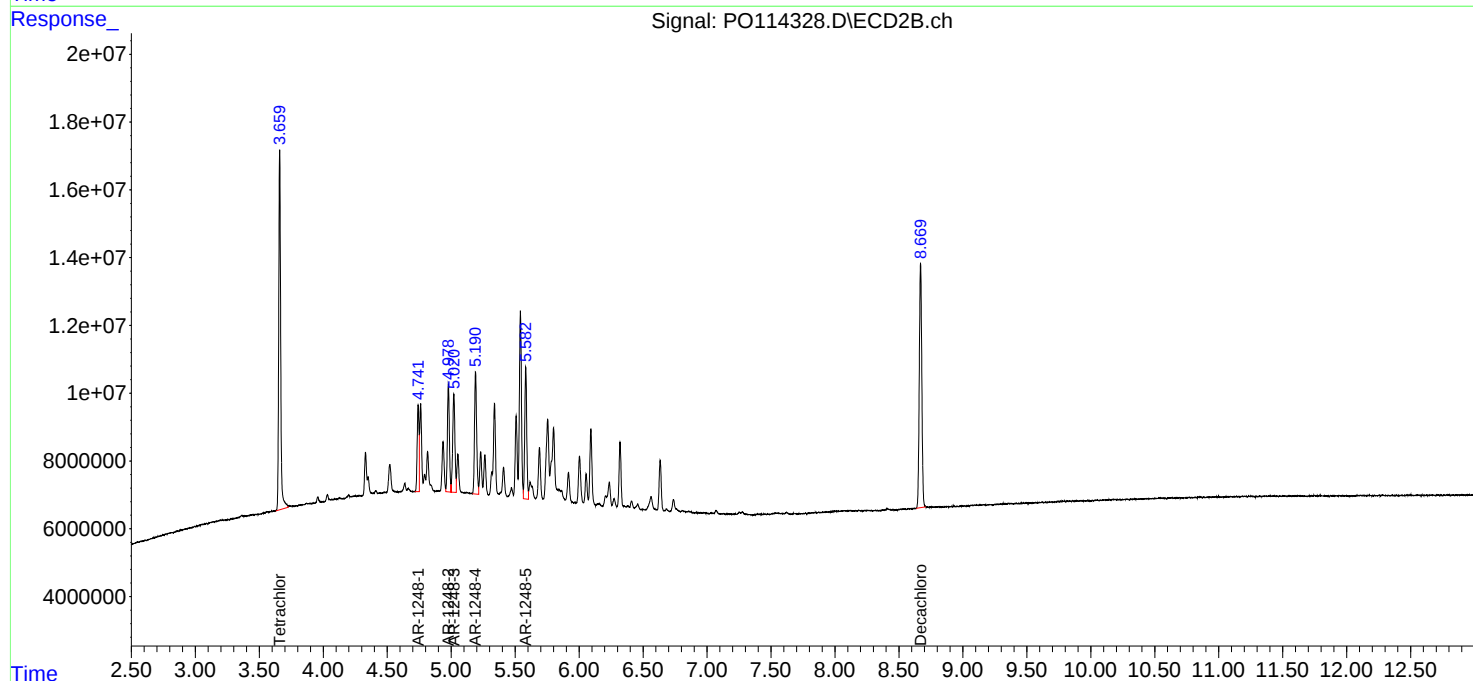
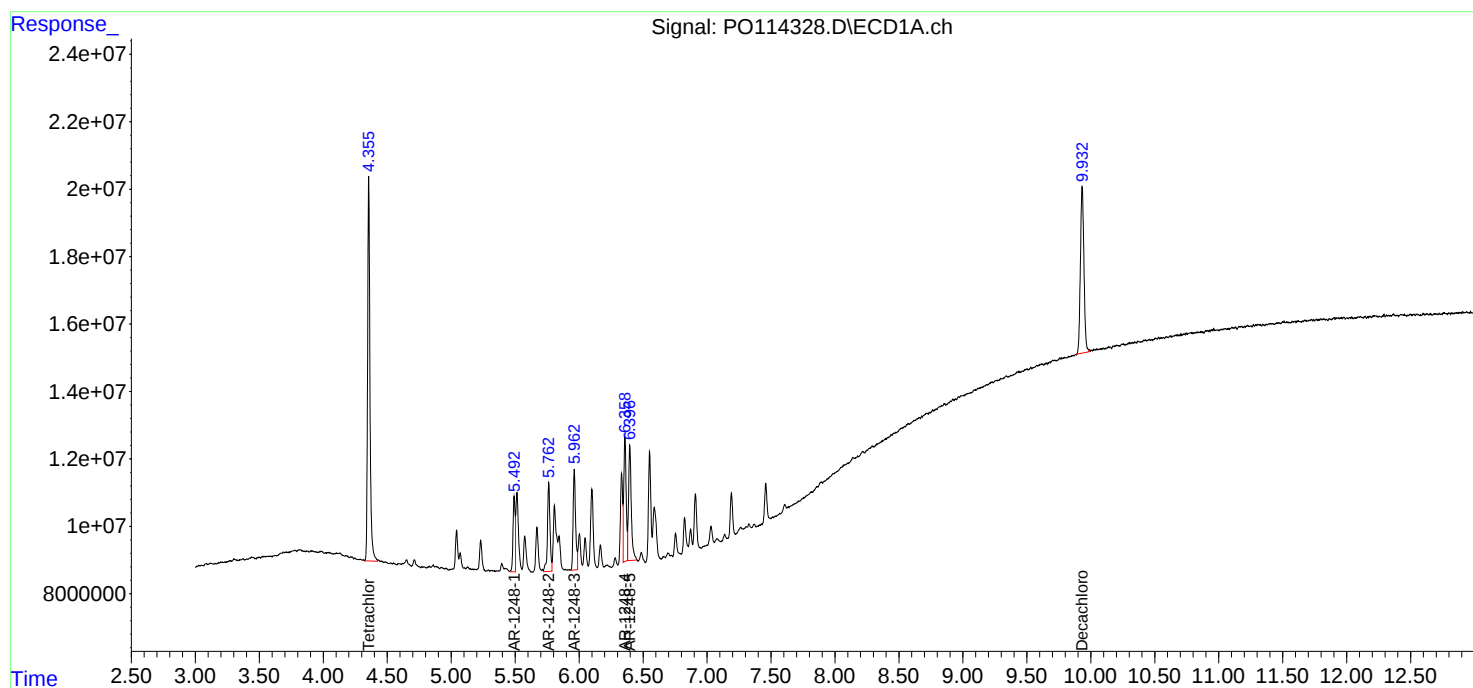
Instrument :
ECD_O
ClientSampleId :
AR1248ICC250

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 03:20:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114329.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 19:07
 Operator : YP/AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1248ICC050

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 03:20:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:15:58 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	28241886	21305171	4.617	4.555
2) SA Decachlor...	9.932	8.668	18677603	19685546	4.720	4.981
Target Compounds						
21) L5 AR-1248-1	5.490	4.741	4159113	4657507	39.171m	44.959
22) L5 AR-1248-2	5.762	4.978	7278103	6809946	49.671	49.468
23) L5 AR-1248-3	5.962	5.020	8029666	7123518	49.135	49.708
24) L5 AR-1248-4	6.359	5.190	10757306	8352240	54.905	49.417
25) L5 AR-1248-5	6.396	5.582	12462323	8745007	65.330m	50.399

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114329.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:07
Operator : YP/AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

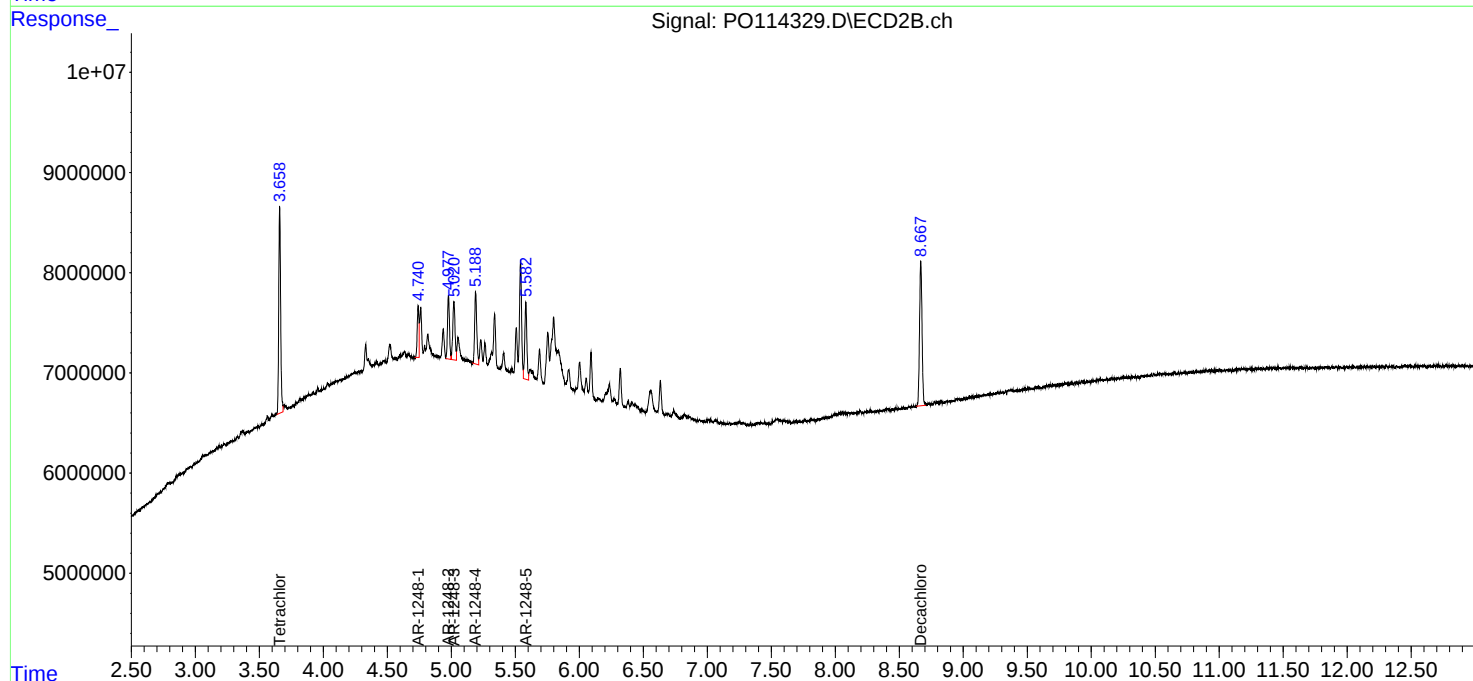
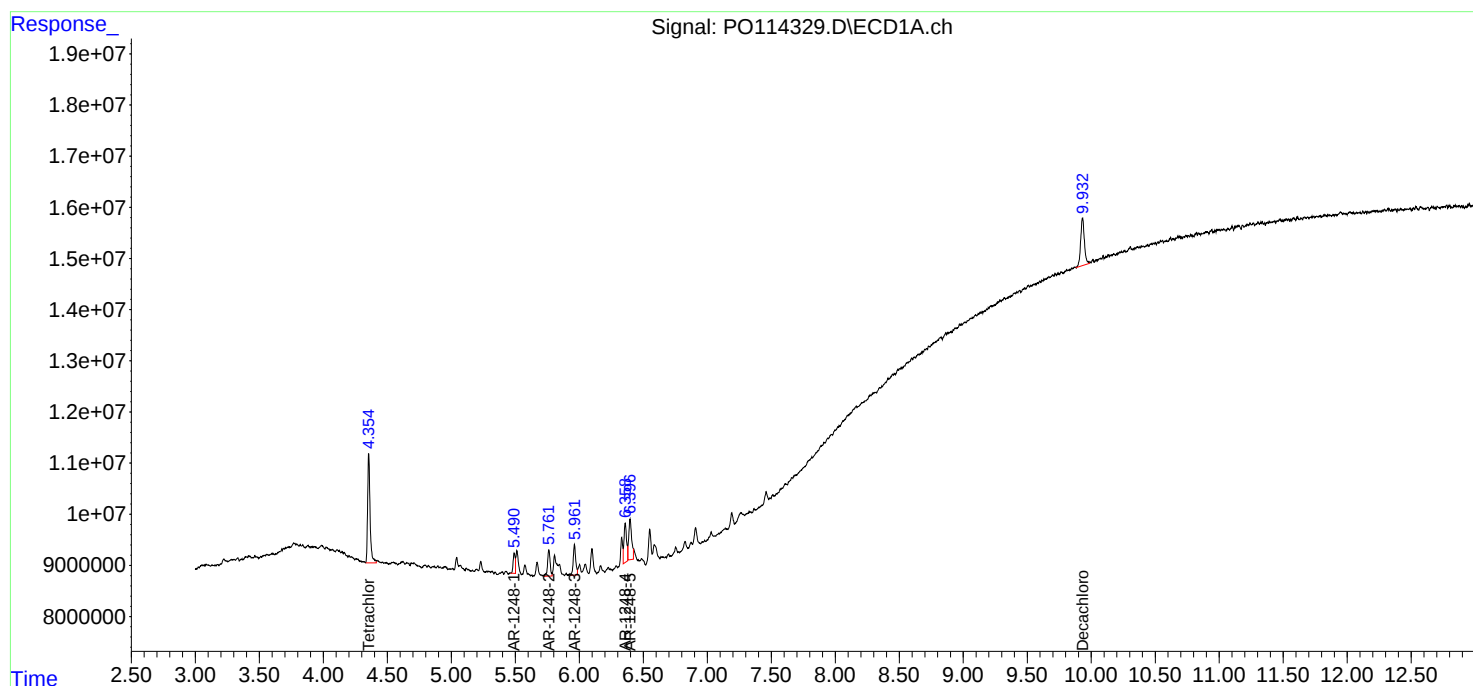
Instrument :
ECD_O
ClientSampleId :
AR1248ICC050

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 03:20:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:15:58 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 19:26
 Operator : YP/AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:53:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:51:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	582.3E6	442.7E6	96.190	95.725
2) SA Decachlor...	9.932	8.669	379.2E6	367.3E6	96.328	93.580
Target Compounds						
26) L6 AR-1254-1	6.335	5.543	171.9E6	247.2E6	942.832	914.416
27) L6 AR-1254-2	6.551	5.691	248.6E6	219.2E6	933.098	916.170
28) L6 AR-1254-3	6.910	6.093	279.0E6	340.1E6	951.009	928.694
29) L6 AR-1254-4	7.192	6.321	232.4E6	246.4E6	935.995	924.595
30) L6 AR-1254-5	7.607	6.739	221.0E6	309.3E6	953.461	929.374

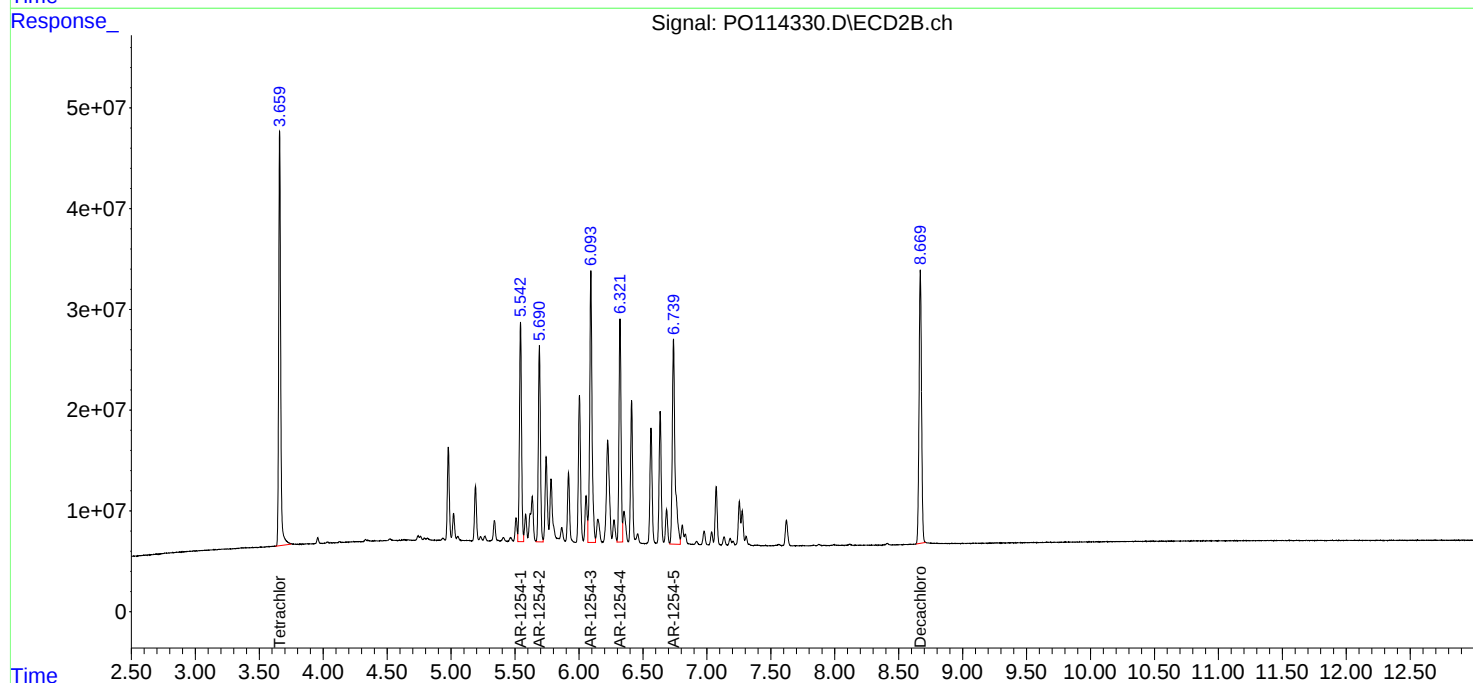
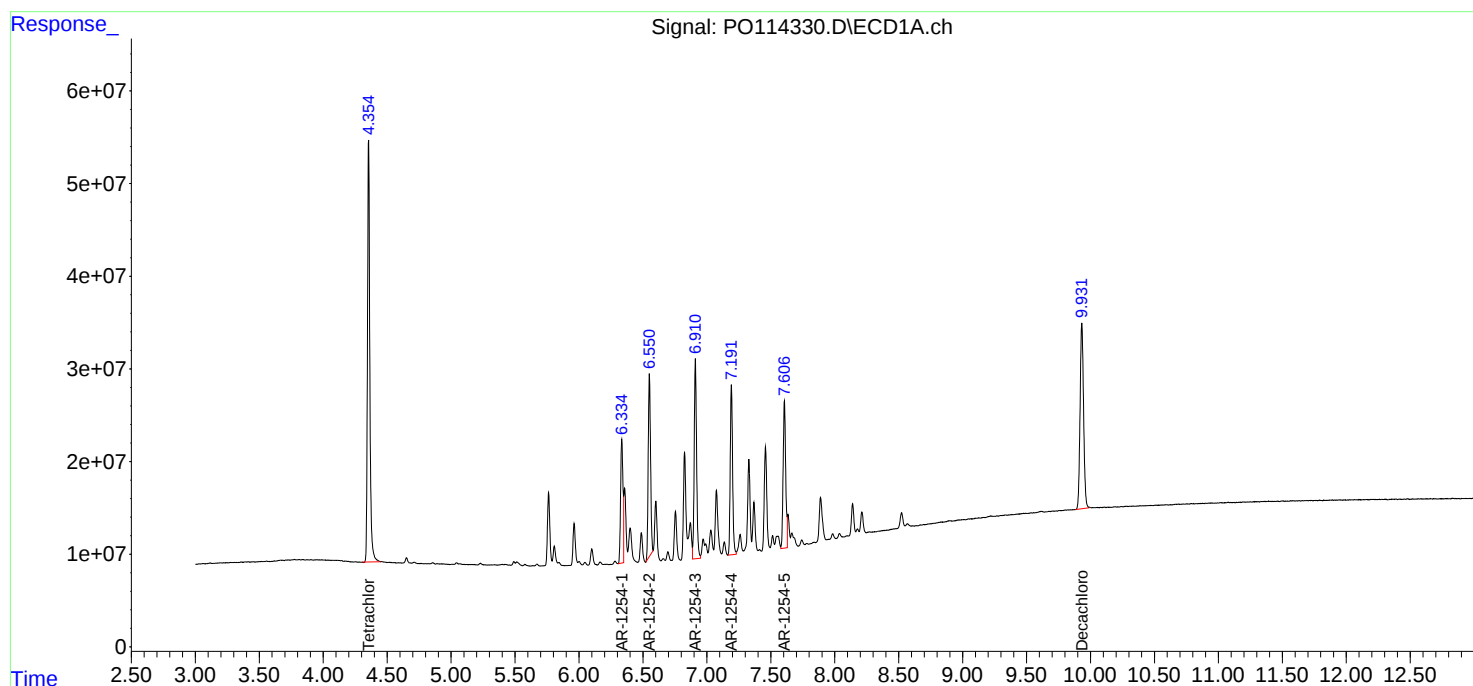
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114330.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:26
Operator : YP/AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:53:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114331.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 19:44
 Operator : YP/AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:54:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:51:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.355	3.659	449.1E6	339.1E6	74.192	73.318
2)	SA Decachlor...	9.934	8.668	292.2E6	286.2E6	74.230	72.919
Target Compounds							
26)	L6 AR-1254-1	6.335	5.543	135.2E6	194.3E6	741.355	718.619
27)	L6 AR-1254-2	6.551	5.690	192.9E6	171.7E6	723.920	717.689
28)	L6 AR-1254-3	6.910	6.093	216.1E6	265.5E6	736.614	724.827
29)	L6 AR-1254-4	7.191	6.320	181.3E6	192.7E6	730.316	722.916
30)	L6 AR-1254-5	7.605	6.738	172.5E6	242.0E6	744.298	727.094

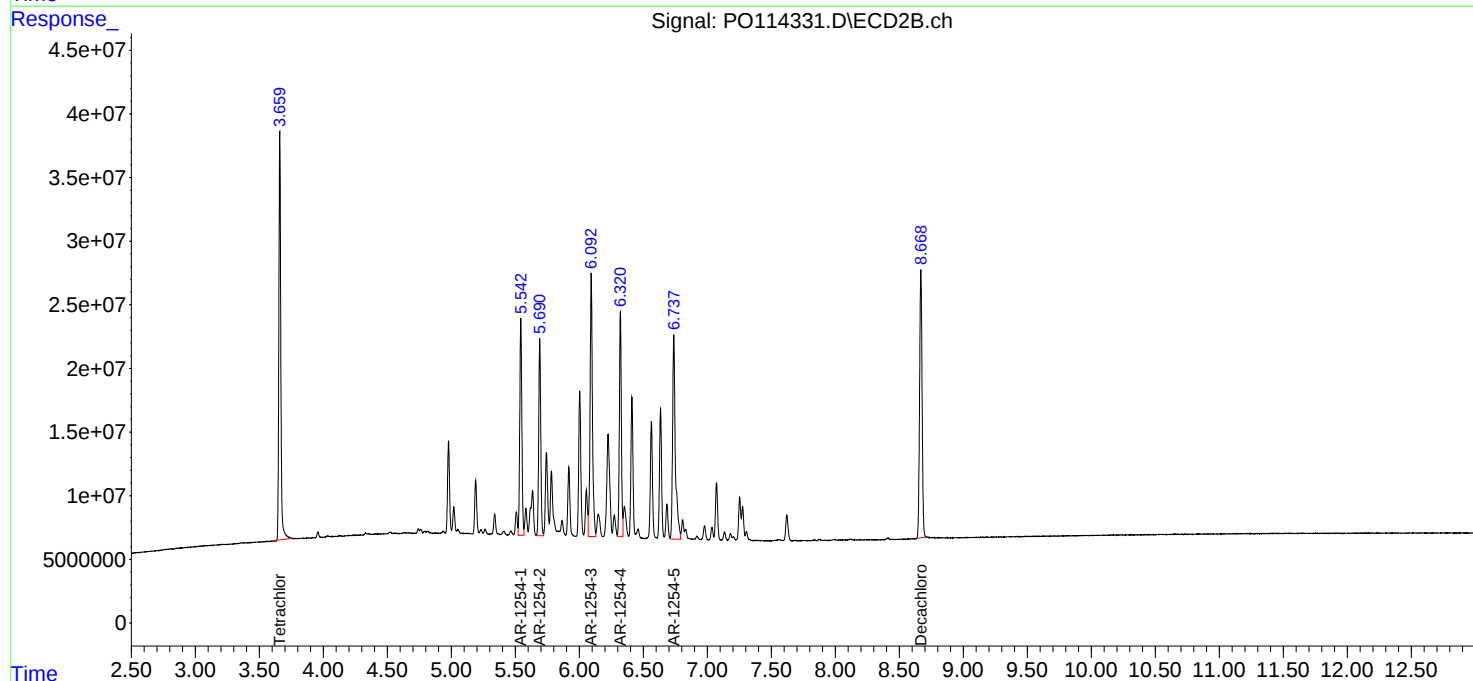
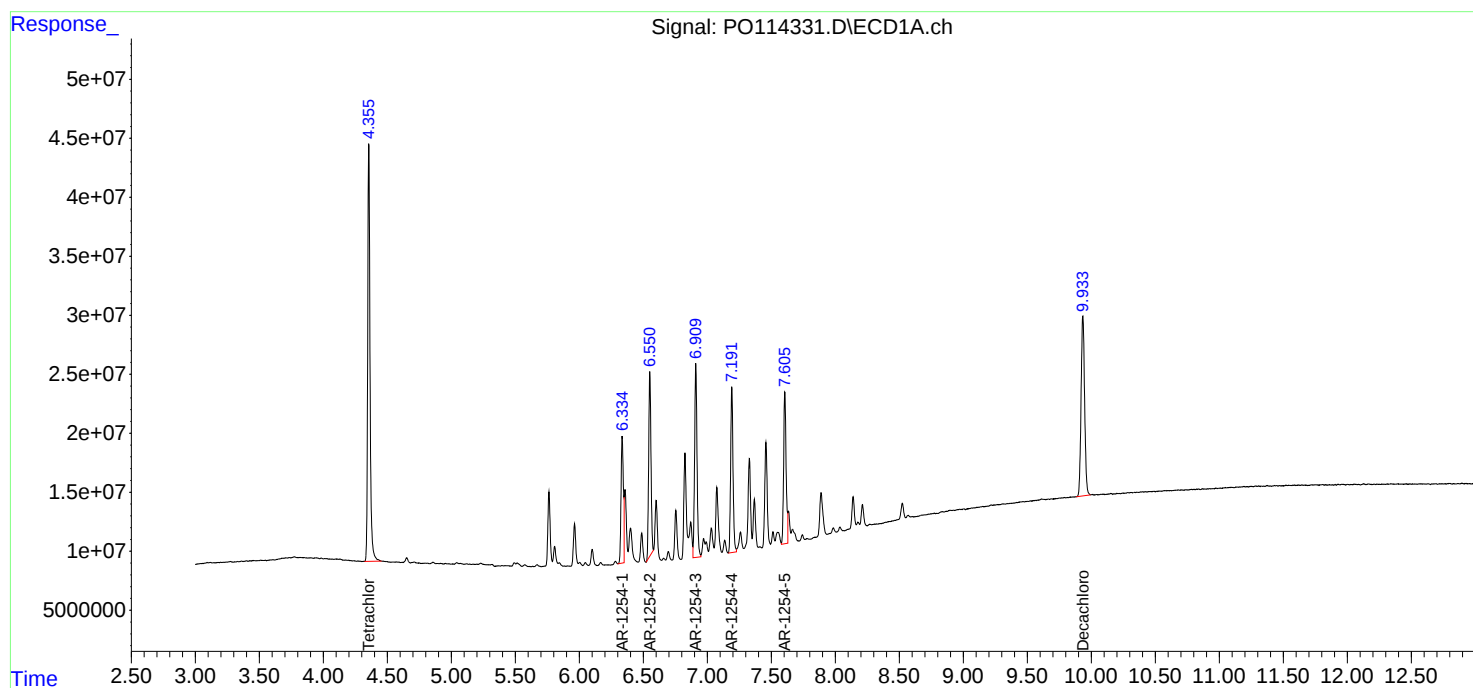
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114331.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 19:44
Operator : YP/AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:54:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114332.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 20:02
 Operator : YP/AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:54:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:51:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	302.7E6	231.2E6	50.000	50.000
2) SA Decachlor...	9.932	8.668	196.8E6	196.3E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.334	5.542	91163068	135.2E6	500.000	500.000
27) L6 AR-1254-2	6.550	5.690	133.2E6	119.6E6	500.000	500.000
28) L6 AR-1254-3	6.909	6.092	146.7E6	183.1E6	500.000	500.000
29) L6 AR-1254-4	7.190	6.320	124.2E6	133.2E6	500.000	500.000
30) L6 AR-1254-5	7.606	6.737	115.9E6	166.4E6	500.000	500.000

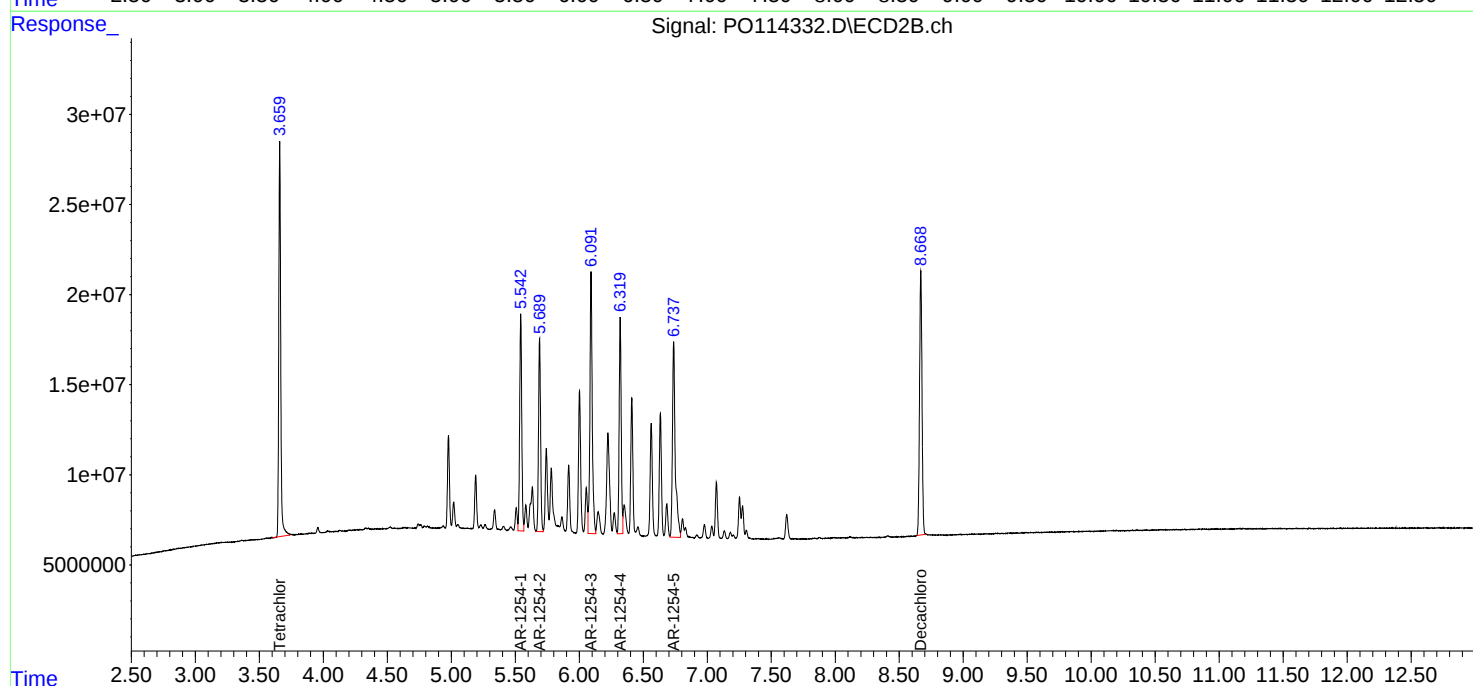
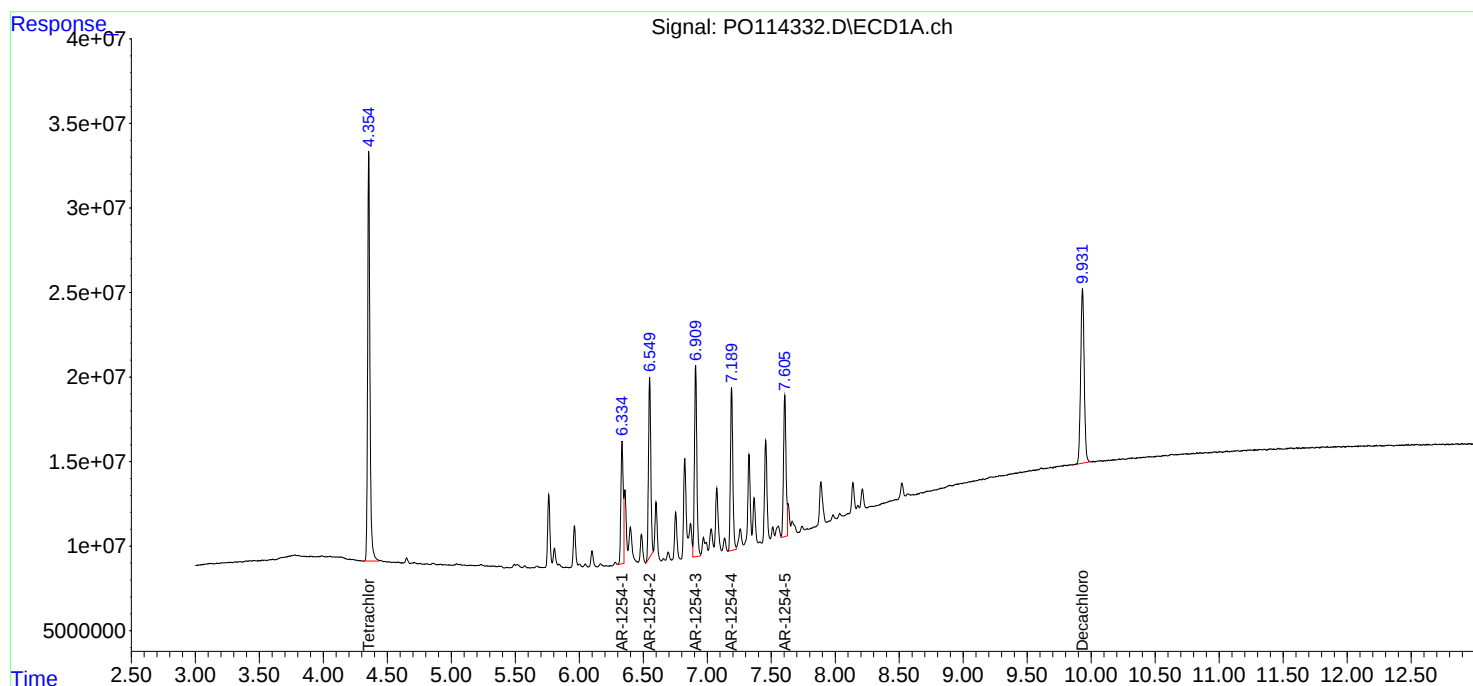
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100925\
Data File : PO114332.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:02
Operator : YP/AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:54:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114333.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 20:21
 Operator : YP/AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:54:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:51:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	149.0E6	114.0E6	24.618	24.652
2) SA Decachlor...	9.931	8.668	96523974	98728187	24.518	25.153
Target Compounds						
26) L6 AR-1254-1	6.335	5.542	44764883	69827362	245.521	258.275
27) L6 AR-1254-2	6.550	5.689	65766617	62387770	246.845	260.766
28) L6 AR-1254-3	6.909	6.092	73435388	92153622	250.345	251.619
29) L6 AR-1254-4	7.191	6.320	60625008	66874748	244.150	250.939
30) L6 AR-1254-5	7.606	6.737	56151918	82746779	242.232	248.633

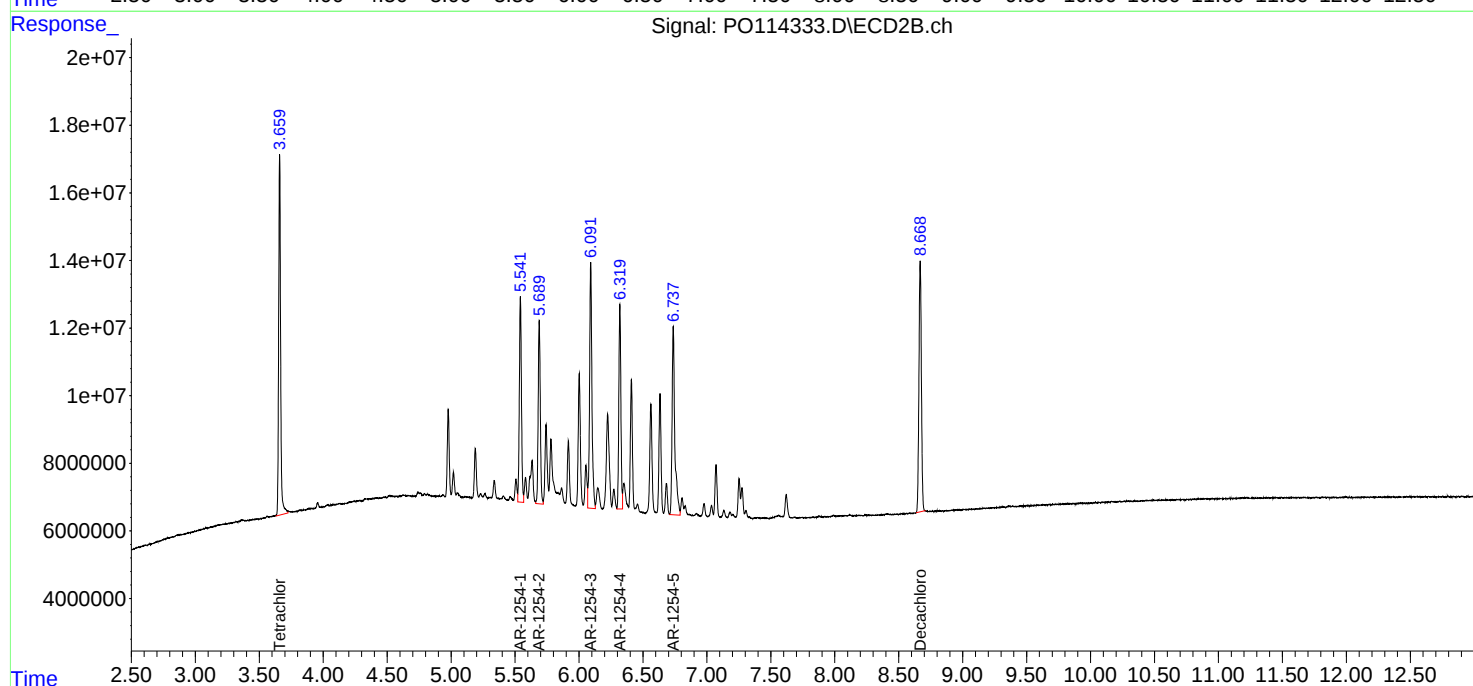
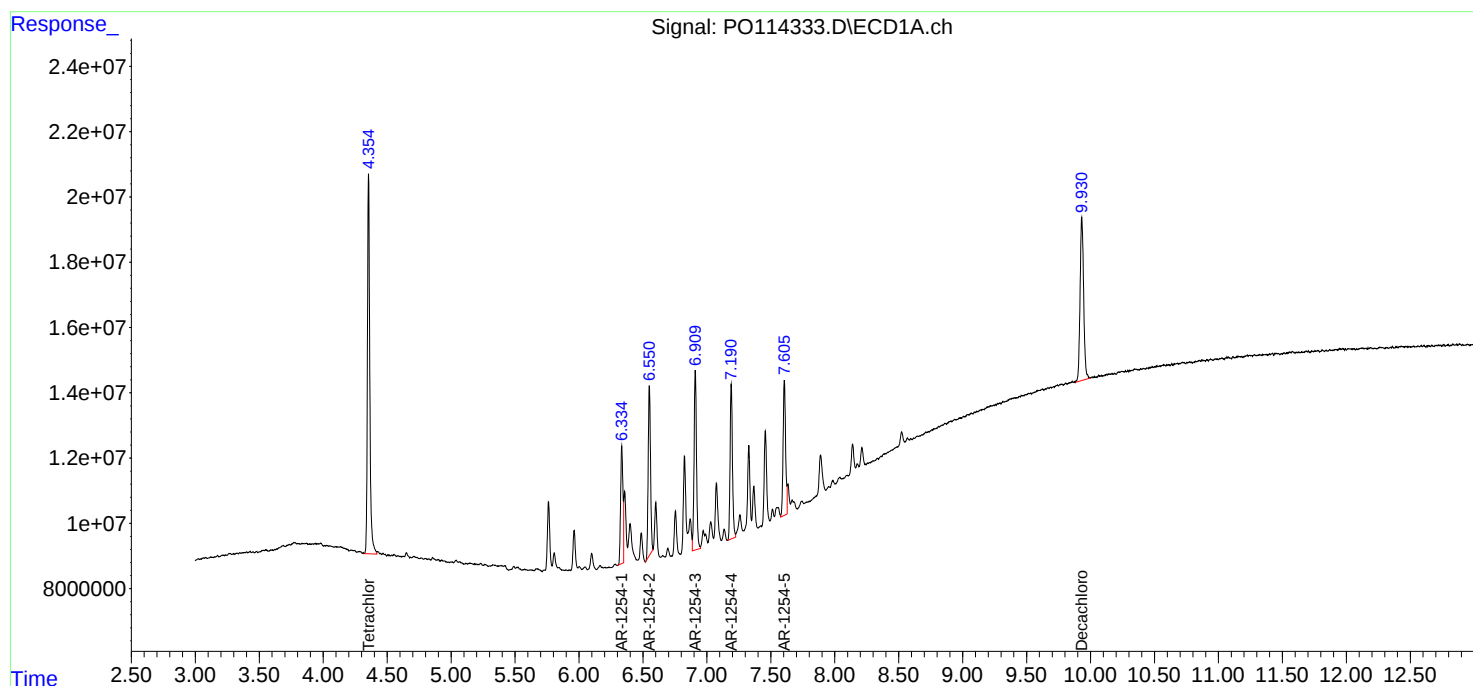
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100925\
Data File : PO114333.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:21
Operator : YP/AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:54:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114334.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 20:39
 Operator : YP/AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1254ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 03:55:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 03:51:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.659	26494210	20588649	4.377	4.452
2) SA Decachlor...	9.932	8.667	17256664	18571929	4.383	4.732
Target Compounds						
26) L6 AR-1254-1	6.336	5.542	7937735	13626458	43.536	50.401
27) L6 AR-1254-2	6.552	5.690	11913500	12711316	44.716	53.130
28) L6 AR-1254-3	6.910	6.092	14527805	17155096	49.526	46.841
29) L6 AR-1254-4	7.192	6.321	10910505	12675430	43.939	47.563
30) L6 AR-1254-5	7.607	6.738	9494506	15263939	40.958	45.864

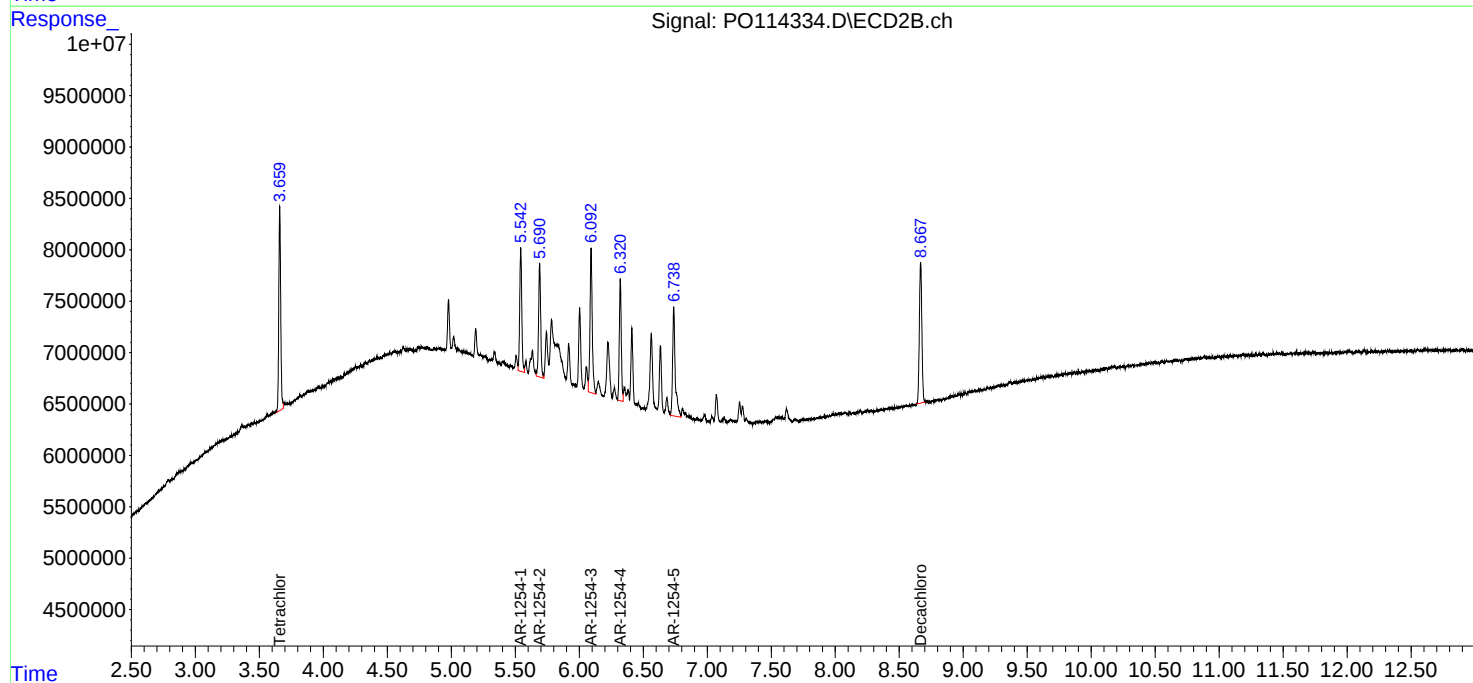
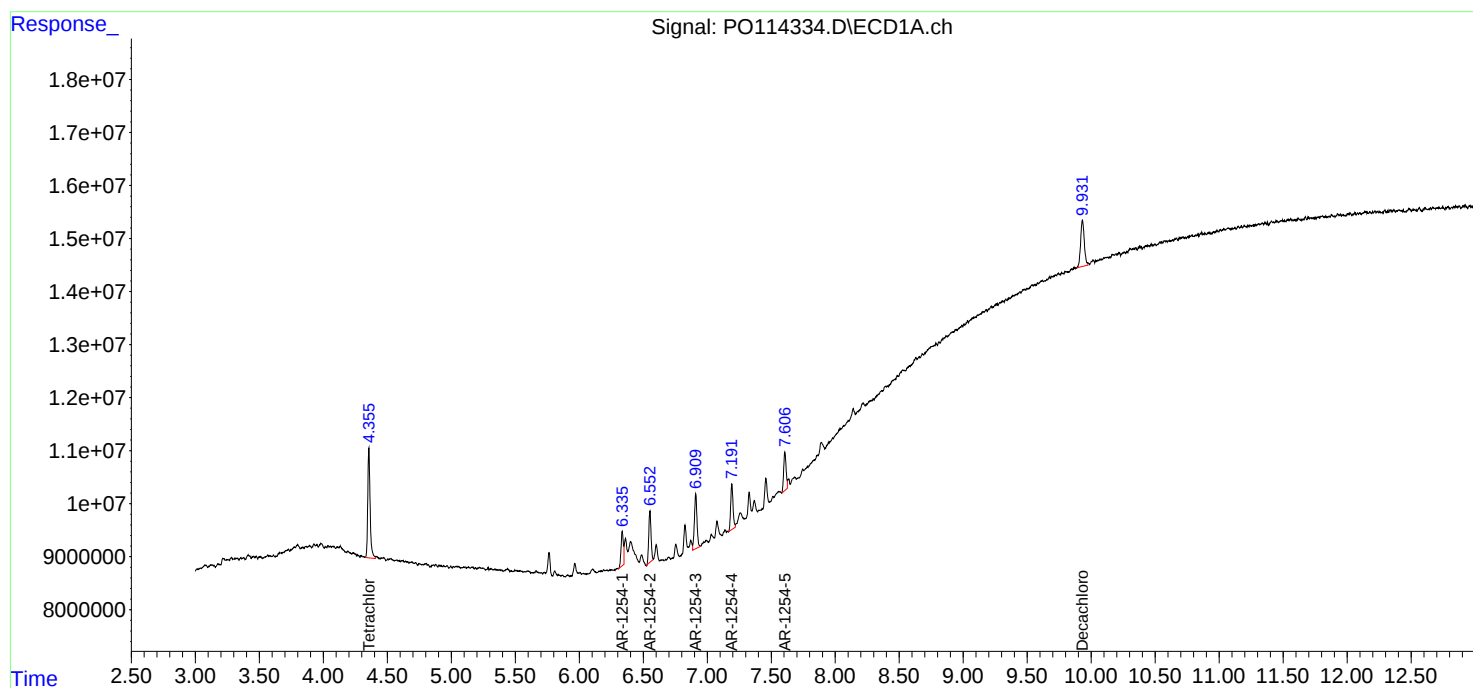
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114334.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:39
Operator : YP/AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 03:55:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 03:51:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114335.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 20:57
 Operator : YP/AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:20:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:18:44 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	305.7E6	229.9E6	50.000	50.000
2) SA Decachlor...	9.933	8.669	195.1E6	197.4E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	7.686	6.779	182.6E6	212.8E6	500.000	500.000
37) L8 AR-1262-2	8.213	7.277	302.3E6	336.7E6	500.000	500.000
38) L8 AR-1262-3	8.516	7.563	182.7E6	138.4E6	500.000	500.000
39) L8 AR-1262-4	8.599	7.625	131.8E6	228.3E6	500.000	500.000
40) L8 AR-1262-5	9.217	8.118	107.4E6	105.4E6	500.000	500.000

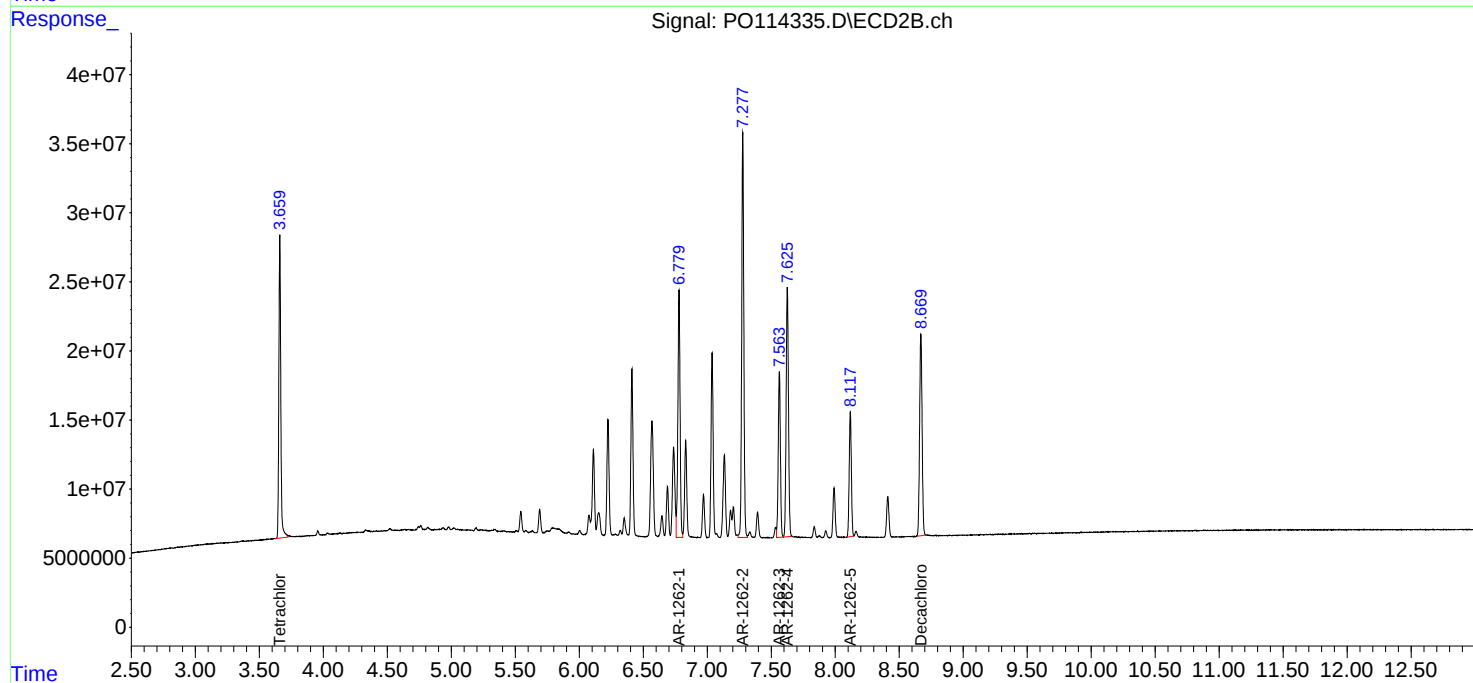
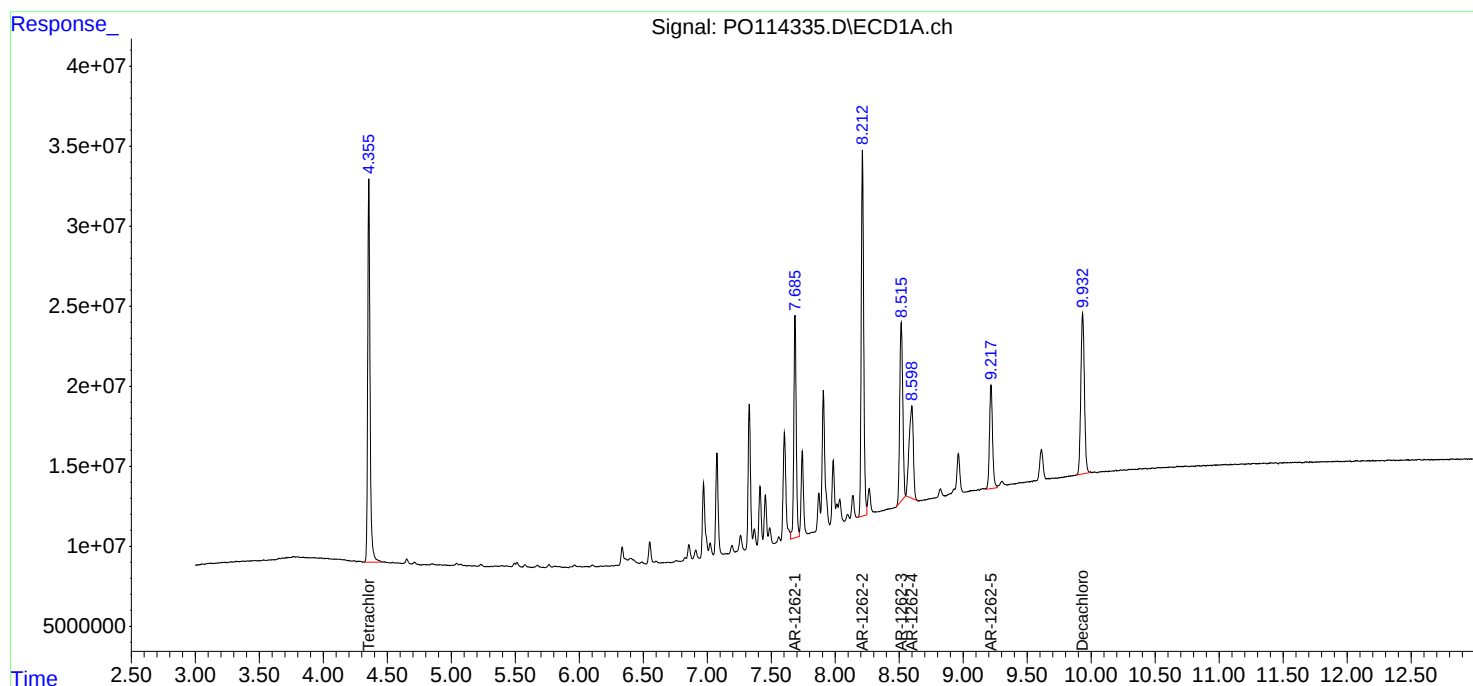
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO100925\
Data File : PO114335.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 20:57
Operator : YP/AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_0
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:20:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:18:44 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 21:16
 Operator : YP/AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:41:26 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:40:02 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	613.2E6	464.3E6	96.993	96.886
2) SA Decachlor...	9.932	8.669	712.4E6	677.1E6	97.822	94.587
Target Compounds						
41) L9 AR-1268-1	8.512	7.563	742.6E6	790.8E6	983.553	960.399
42) L9 AR-1268-2	8.601	7.626	632.4E6	668.4E6	986.777	959.839
43) L9 AR-1268-3	8.822	7.837	576.6E6	577.7E6	983.114	962.697
44) L9 AR-1268-4	9.216	8.117	239.2E6	233.3E6	965.595	954.970
45) L9 AR-1268-5	9.609	8.410	1713.5E6	1599.9E6	985.974	967.315

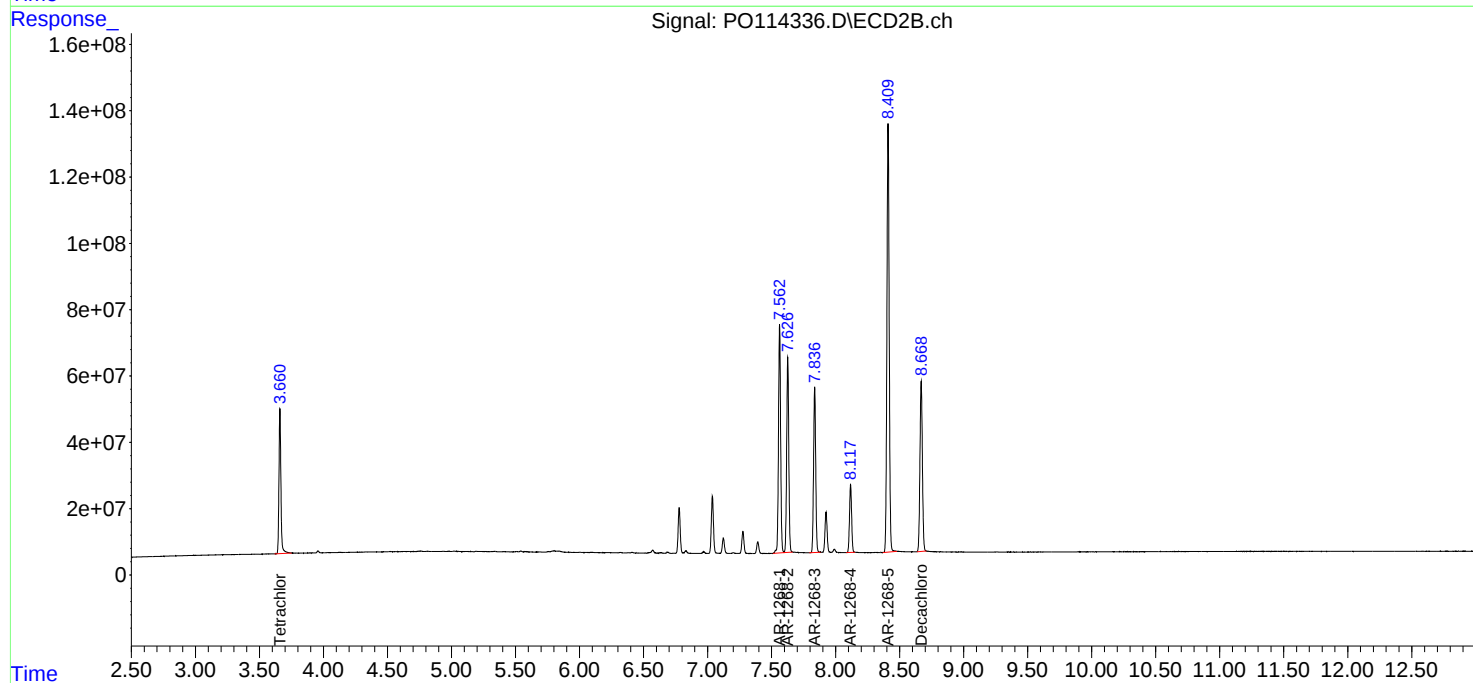
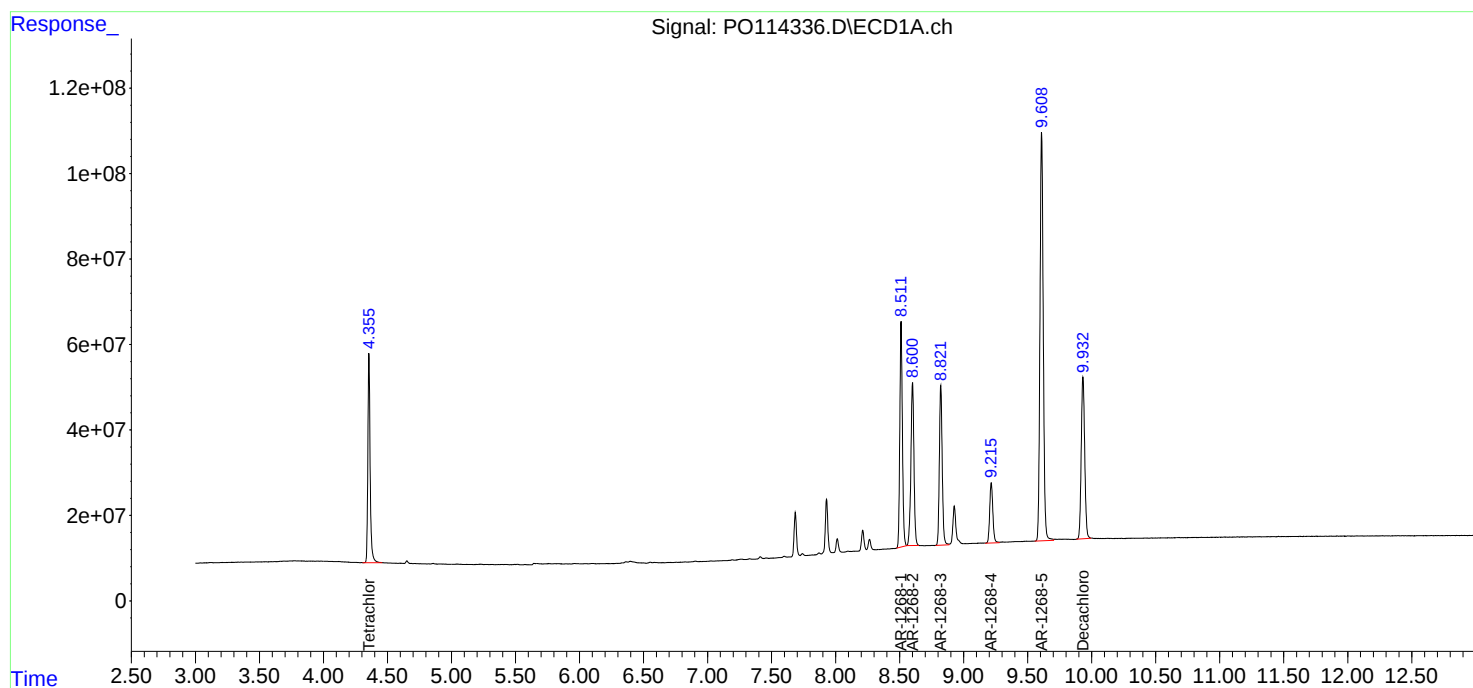
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:16
Operator : YP/AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:41:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114337.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 21:34
 Operator : YP/AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:41:48 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:40:02 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	475.4E6	359.5E6	75.200	75.015
2) SA Decachlor...	9.933	8.667	551.6E6	530.5E6	75.744	74.106
Target Compounds						
41) L9 AR-1268-1	8.512	7.562	572.3E6	615.5E6	757.945	747.503
42) L9 AR-1268-2	8.599	7.625	487.6E6	520.3E6	760.791	747.145
43) L9 AR-1268-3	8.822	7.836	445.2E6	448.9E6	759.094	748.007
44) L9 AR-1268-4	9.216	8.116	186.5E6	182.3E6	752.709	746.142
45) L9 AR-1268-5	9.610	8.409	1321.2E6	1240.0E6	760.228	749.718

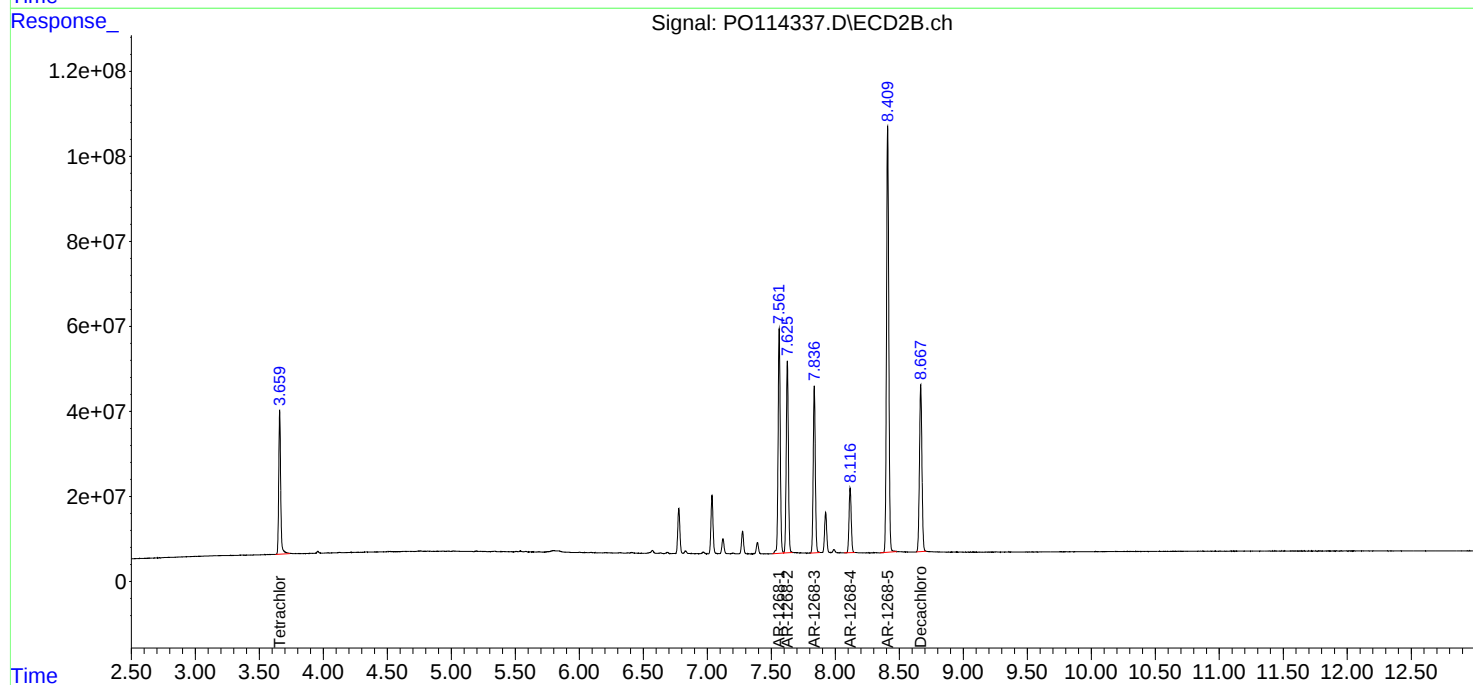
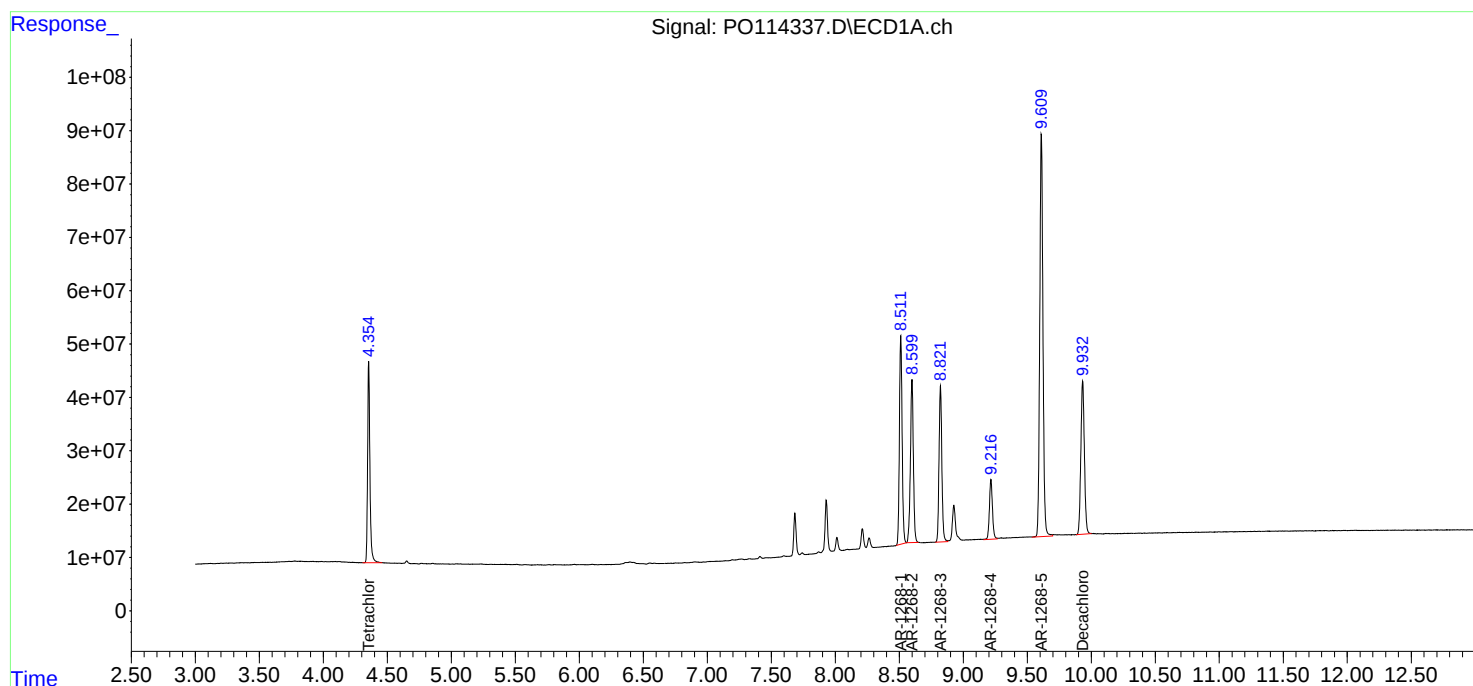
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114337.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:34
Operator : YP/AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:41:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114338.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 21:52
 Operator : YP/AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:42:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:40:02 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	316.1E6	239.6E6	50.000	50.000
2) SA Decachlor...	9.933	8.668	364.1E6	357.9E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.512	7.562	377.5E6	411.7E6	500.000	500.000
42) L9 AR-1268-2	8.601	7.626	320.5E6	348.2E6	500.000	500.000
43) L9 AR-1268-3	8.821	7.836	293.2E6	300.0E6	500.000	500.000
44) L9 AR-1268-4	9.217	8.117	123.9E6	122.2E6	500.000	500.000
45) L9 AR-1268-5	9.611	8.410	868.9E6	827.0E6	500.000	500.000

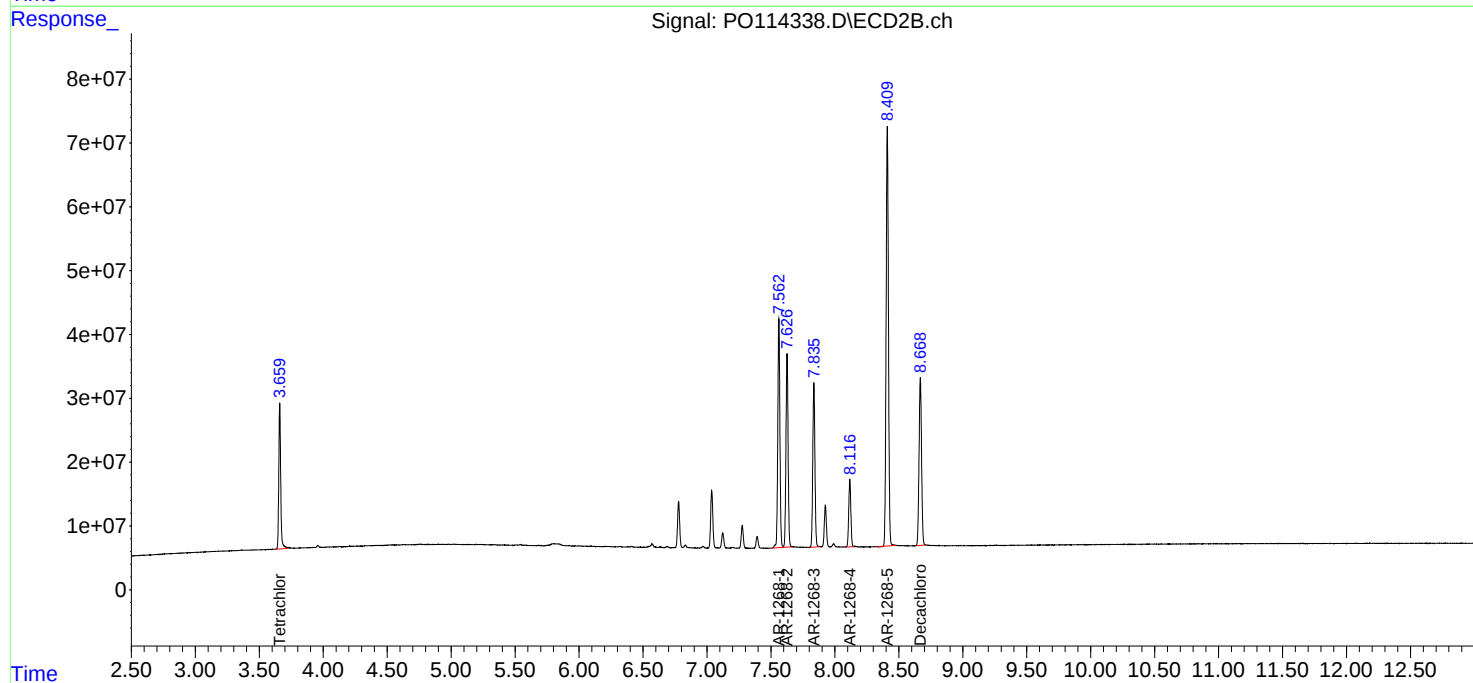
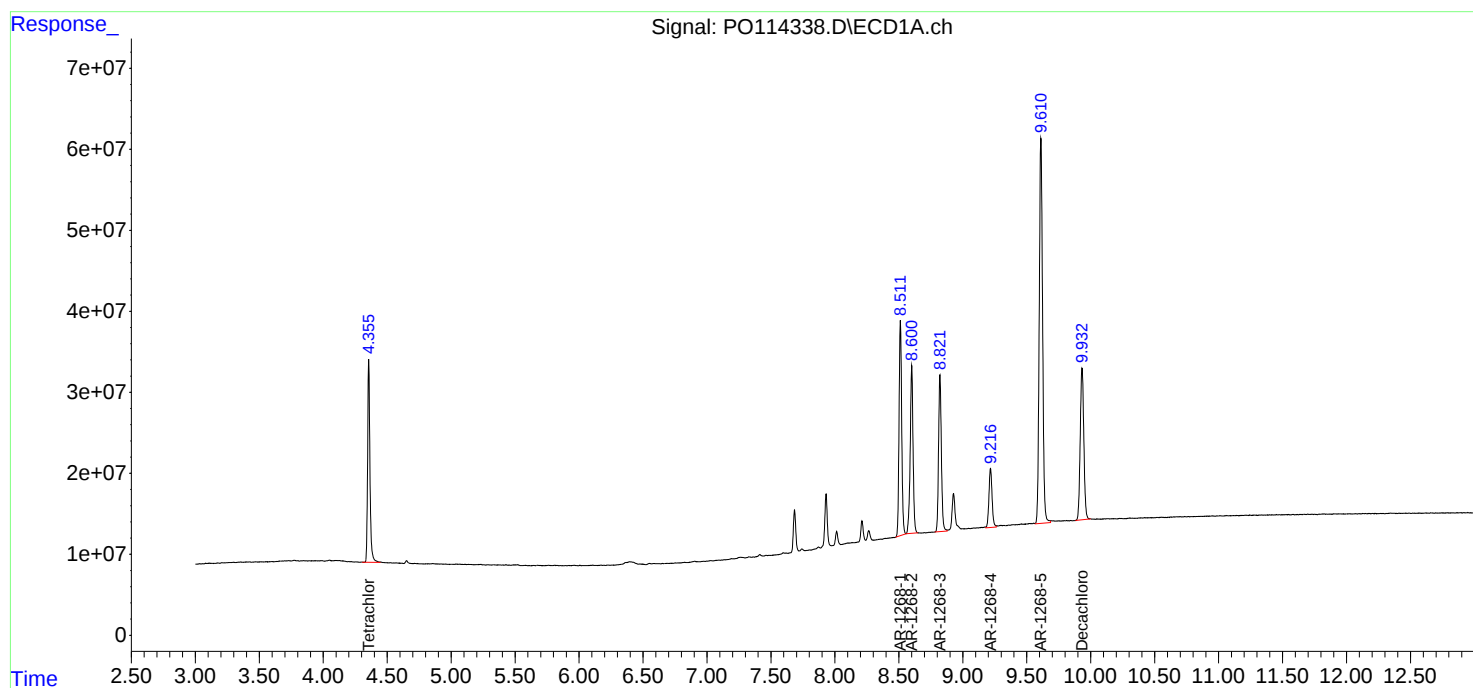
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114338.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 21:52
Operator : YP/AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 22:11
 Operator : YP/AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC250

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 04:42:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:40:02 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.660	155.5E6	118.7E6	24.600	24.776
2) SA Decachlor...	9.932	8.668	178.6E6	181.1E6	24.517	25.302
Target Compounds						
41) L9 AR-1268-1	8.512	7.562	186.1E6	207.4E6	246.495m	251.932
42) L9 AR-1268-2	8.601	7.626	157.6E6	174.3E6	245.954	250.246
43) L9 AR-1268-3	8.821	7.836	145.1E6	149.6E6	247.339	249.364
44) L9 AR-1268-4	9.217	8.117	68332461	61274419	275.802	250.783
45) L9 AR-1268-5	9.611	8.410	430.5E6	411.5E6	247.745	248.795

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:11
Operator : YP/AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

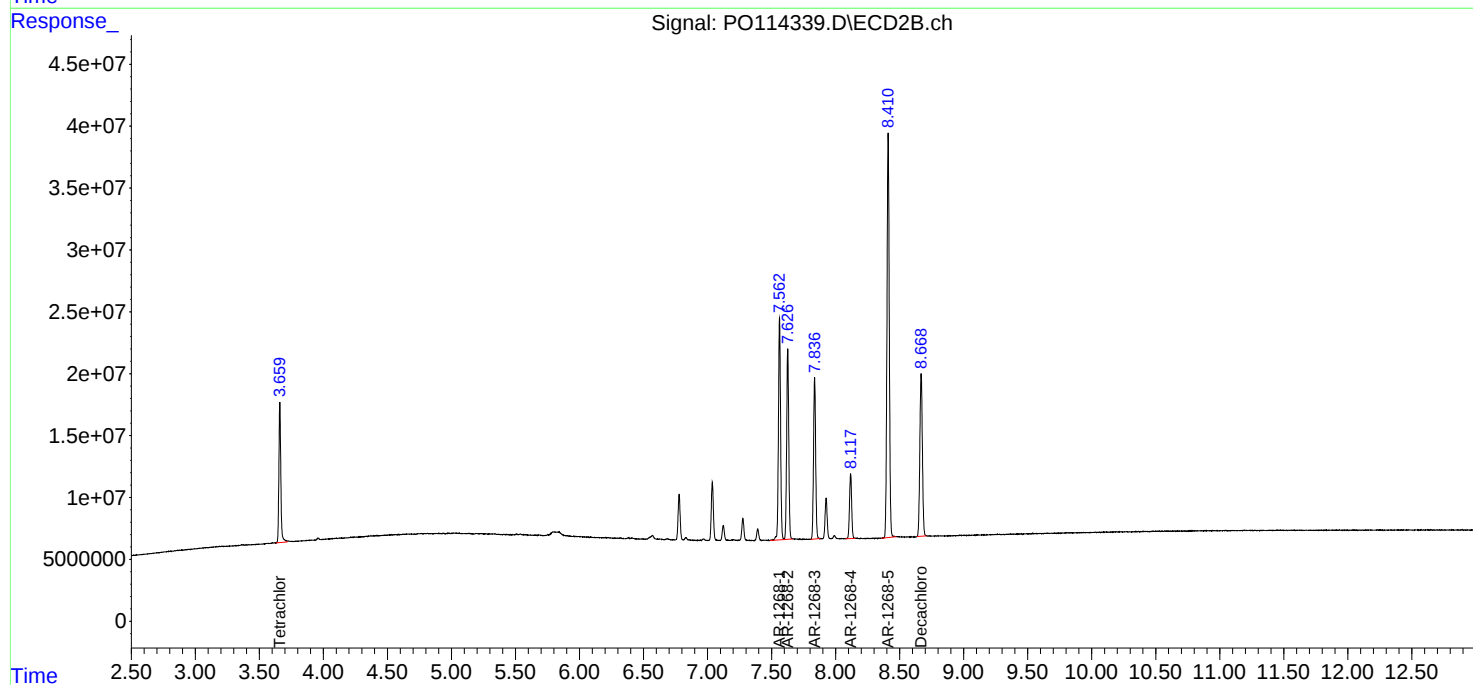
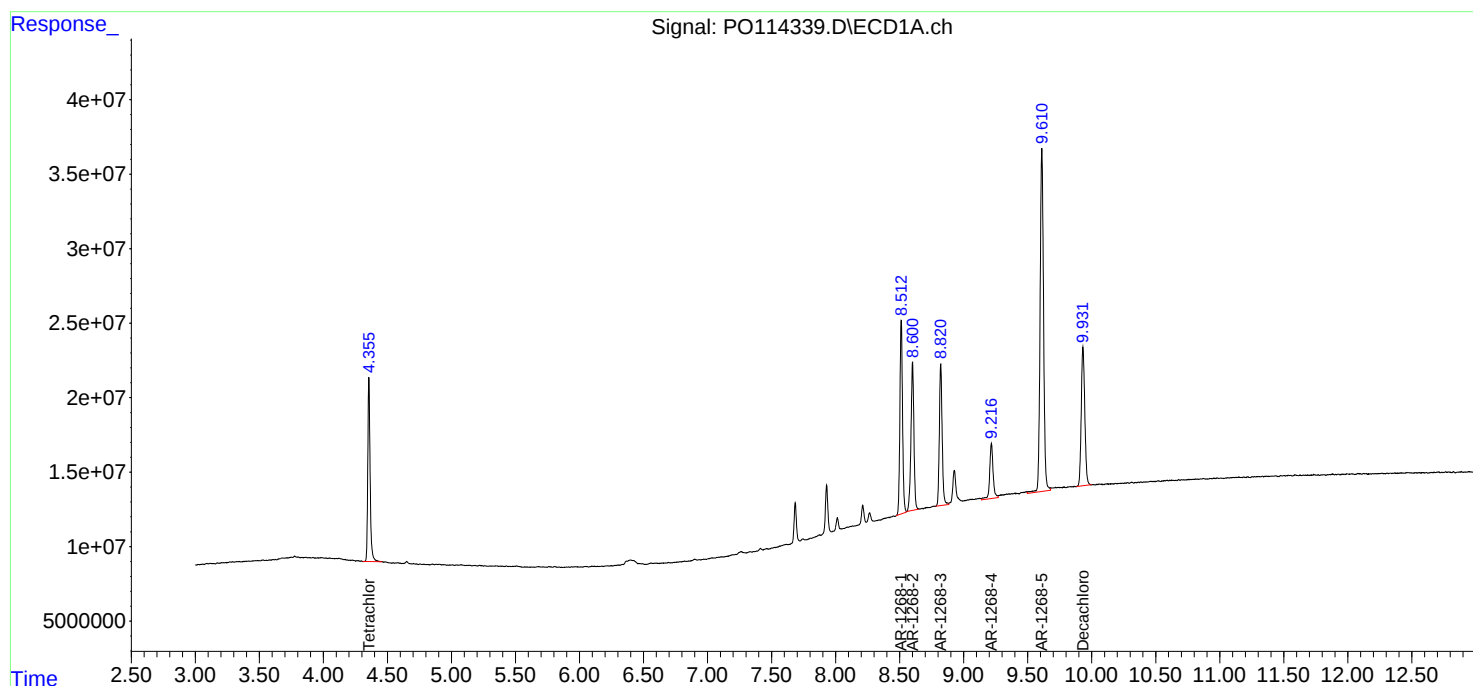
Instrument :
ECD_O
ClientSampleId :
AR1268ICC250

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 04:42:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114340.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 22:29
 Operator : YP/AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1268ICC050

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 04:43:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:40:02 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	29229275	22630186	4.624	4.722
2) SA Decachlor...	9.932	8.668	31790557	35269306	4.365	4.927
Target Compounds						
41) L9 AR-1268-1	8.512	7.561	32943775	41304225	43.631	50.162
42) L9 AR-1268-2	8.601	7.625	27673298	33913547	43.178	48.701
43) L9 AR-1268-3	8.821	7.835	26198359	28863911	44.672	48.101
44) L9 AR-1268-4	9.215	8.116	11311379	11514154	45.655m	47.125
45) L9 AR-1268-5	9.610	8.409	81708074	79828748	47.016	48.265

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114340.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:29
Operator : YP/AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

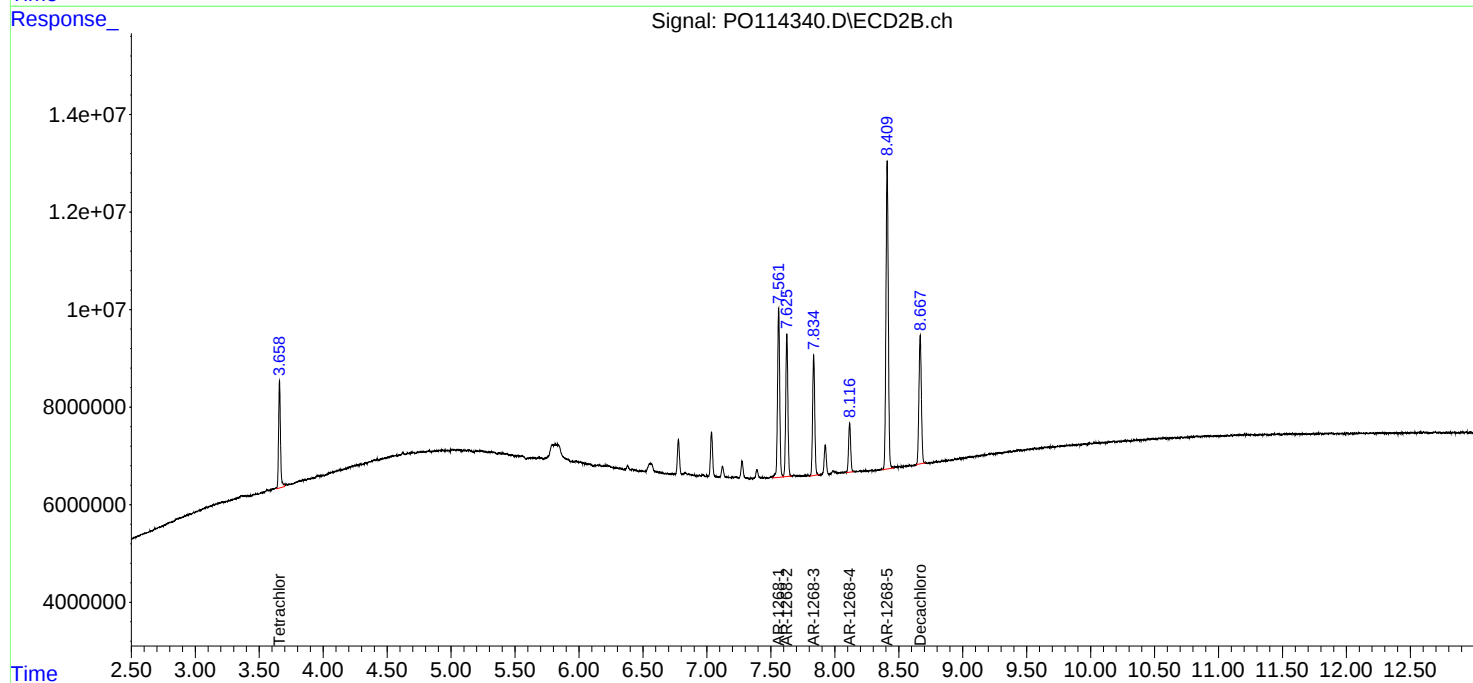
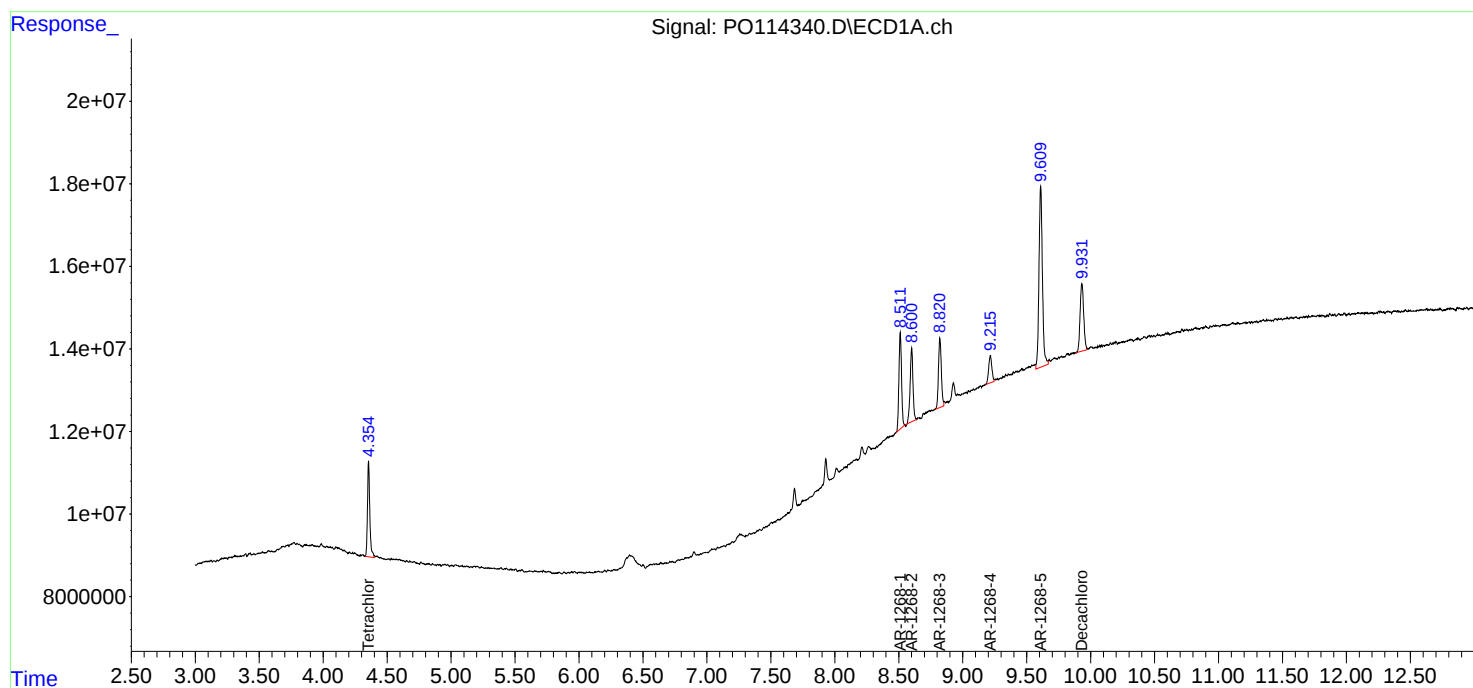
Instrument :
ECD_O
ClientSampleId :
AR1268ICC050

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 04:43:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:40:02 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 22:47
 Operator : YP/AJ
 Sample : PO100925ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO100925

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 05:08:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 05:04:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	303.7E6	221.3E6	55.947	55.289
2) SA Decachlor...	9.934	8.669	194.5E6	195.5E6	53.423	58.645
Target Compounds						
3) L1 AR-1016-1	5.492	4.741	99538435	96288840	551.895	571.839
4) L1 AR-1016-2	5.514	4.761	164.8E6	137.9E6	541.506	569.586
5) L1 AR-1016-3	5.575	4.935	94543131	72943991	534.588	587.530
6) L1 AR-1016-4	5.671	4.978	77904177	57848182	566.351	599.305
7) L1 AR-1016-5	5.962	5.190	70772325	73749593	560.504	576.820
31) L7 AR-1260-1	7.074	6.223	119.2E6	136.1E6	547.073	578.071
32) L7 AR-1260-2	7.328	6.410	165.7E6	196.5E6	536.948	587.504
33) L7 AR-1260-3	7.685	6.564	141.5E6	161.2E6	551.721	546.660
34) L7 AR-1260-4	7.906	7.036	122.6E6	133.3E6	526.466	597.798
35) L7 AR-1260-5	8.212	7.276	311.0E6	364.0E6	536.094	593.881

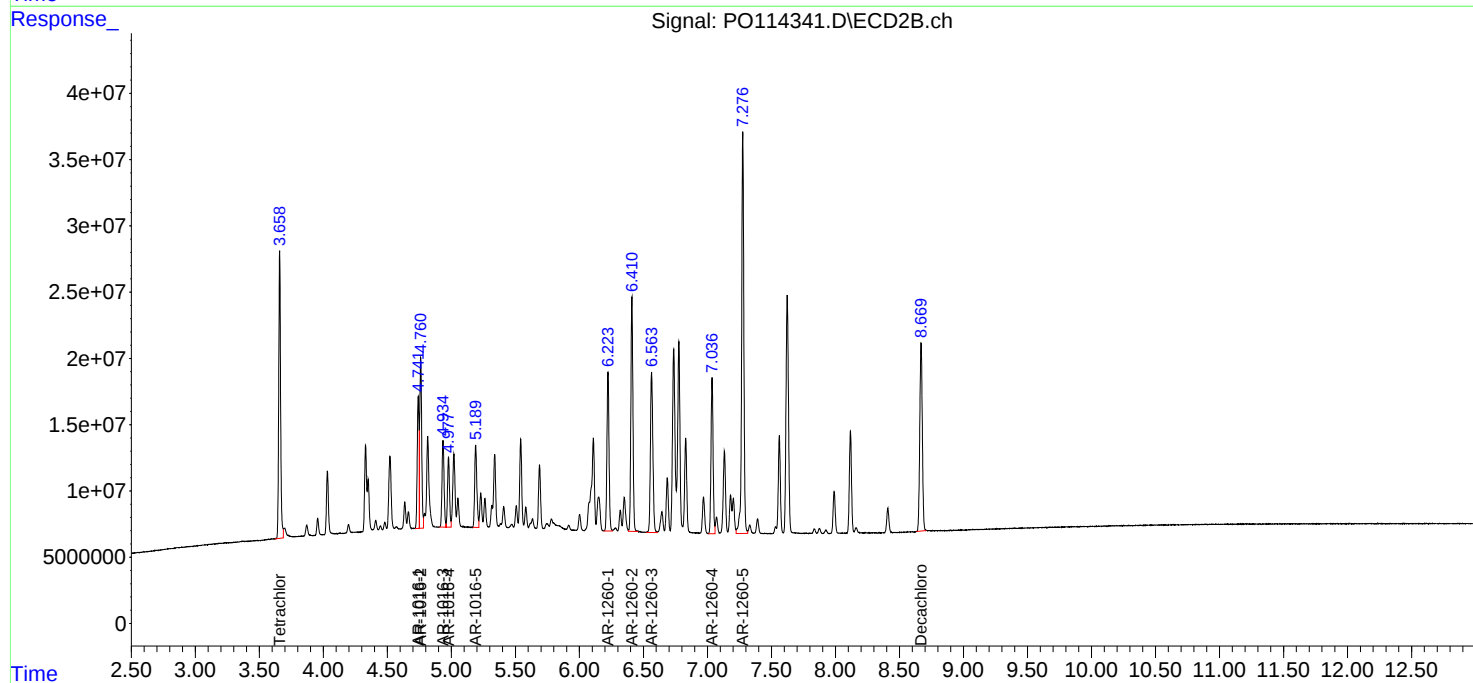
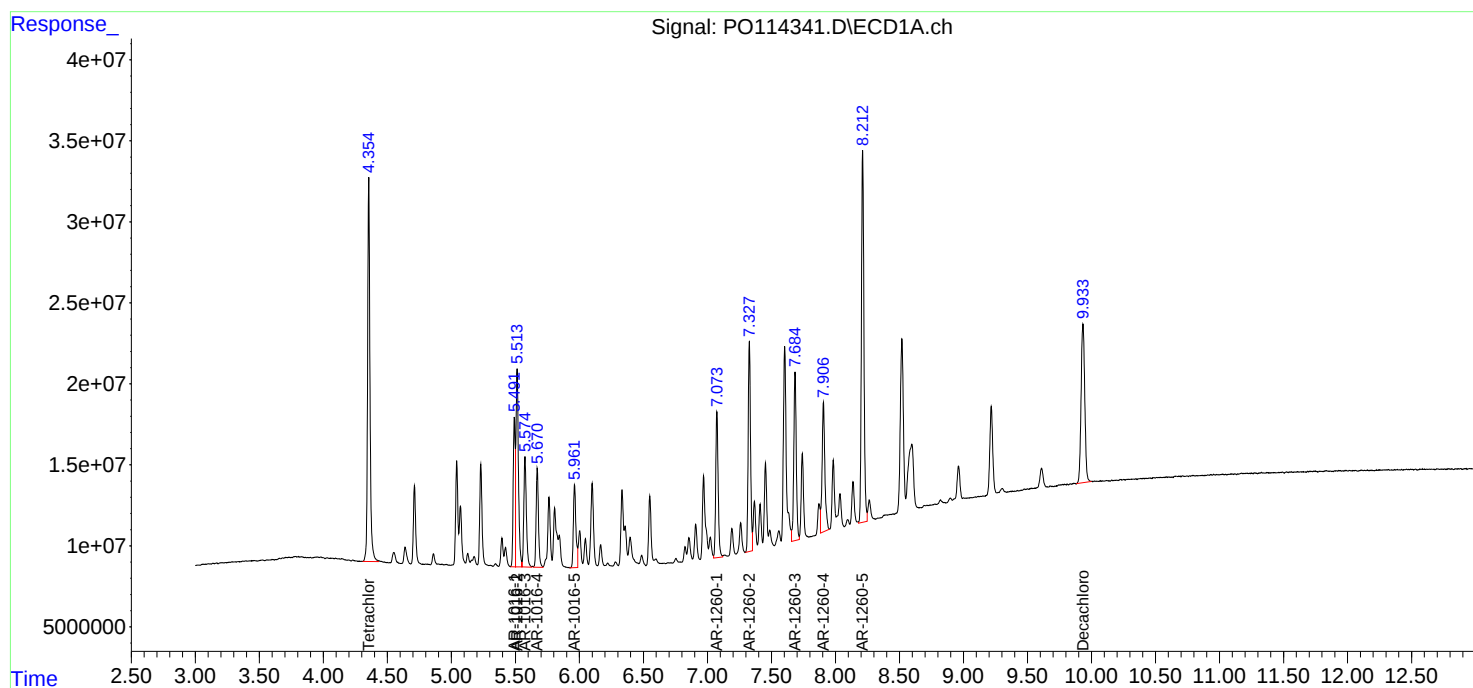
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 22:47
Operator : YP/AJ
Sample : PO100925ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 05:08:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114342.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2025 23:24
 Operator : YP/AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO100925AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 06:28:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 06:27:14 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...	4.356	3.659	330.2E6	242.7E6	56.930	55.288
2) SA Decachlor...	9.933	8.668	209.0E6	210.1E6	55.194	56.583
Target Compounds						
16) L4 AR-1242-1	5.493	4.742	74855956	73484854	568.971	562.616
17) L4 AR-1242-2	5.515	4.761	125.5E6	104.9E6	571.646	561.446
18) L4 AR-1242-3	5.577	4.935	70973901	55495611	575.481	579.865
19) L4 AR-1242-4	5.672	5.020	60470740	52334489	589.415	566.736
20) L4 AR-1242-5	6.397	5.541	61512975	70272464	531.045	573.369

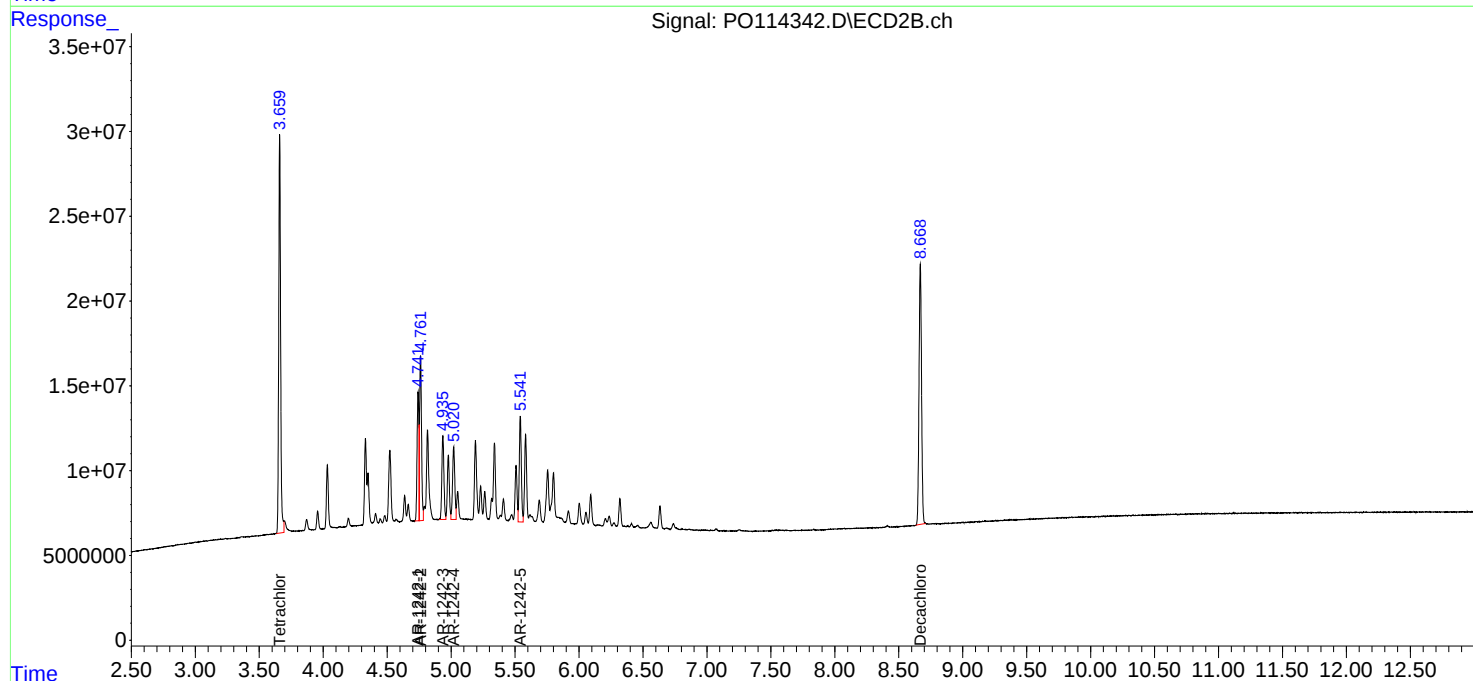
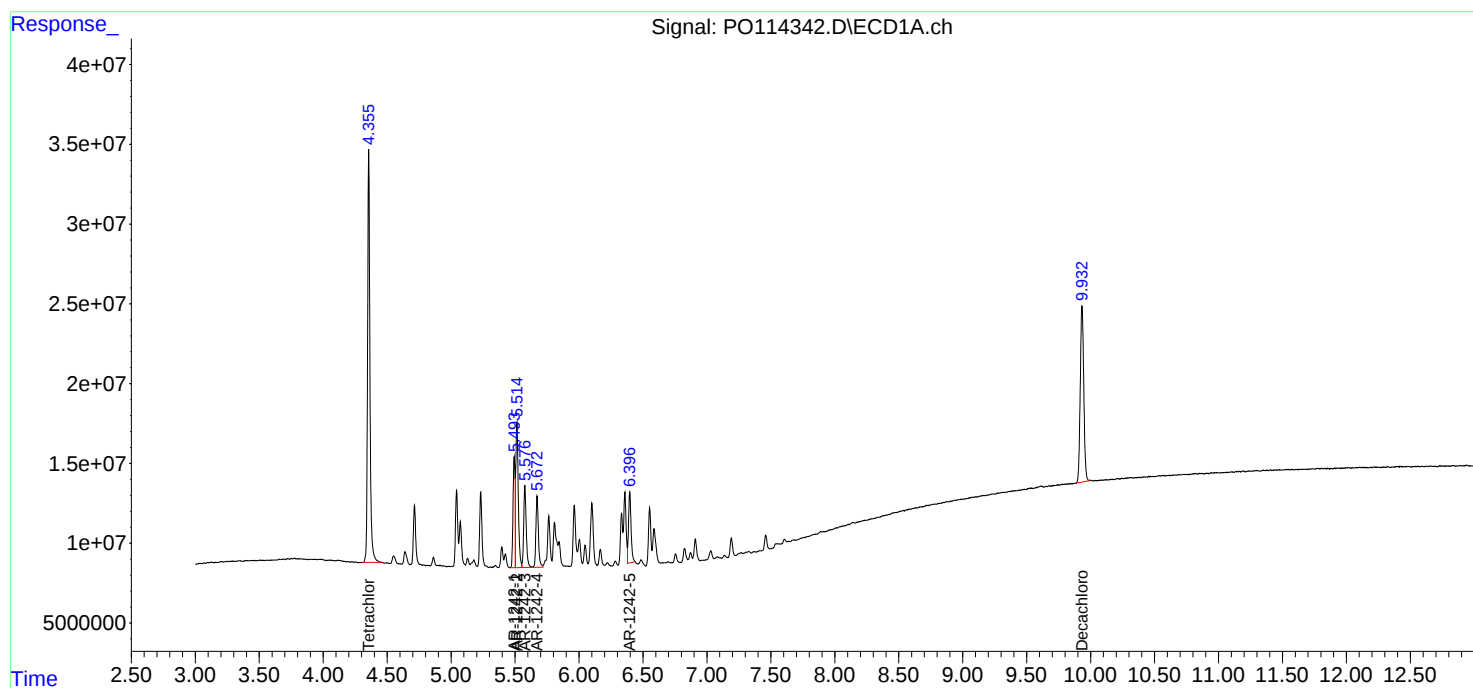
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114342.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 23:24
Operator : YP/AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:28:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:27:14 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_O\Data\PO100925\
 Data File : PO114343.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 00:01
 Operator : YP/AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO100925AR1248

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 06:25:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 06:23:10 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.355	3.659	323.0E6	243.1E6	54.897	53.920
2) SA Decachlor...	9.932	8.668	207.6E6	205.8E6	54.042	53.319
Target Compounds						
21) L5 AR-1248-1	5.493	4.741	55117834	54823501	560.378	556.610
22) L5 AR-1248-2	5.763	4.977	79979285	73013380	557.096	544.657
23) L5 AR-1248-3	5.963	5.019	87657260	75935860	551.958	544.180
24) L5 AR-1248-4	6.358	5.190	103.9E6	89692398	530.899	545.693
25) L5 AR-1248-5	6.397	5.583	100.3E6	92535596	501.102	545.680

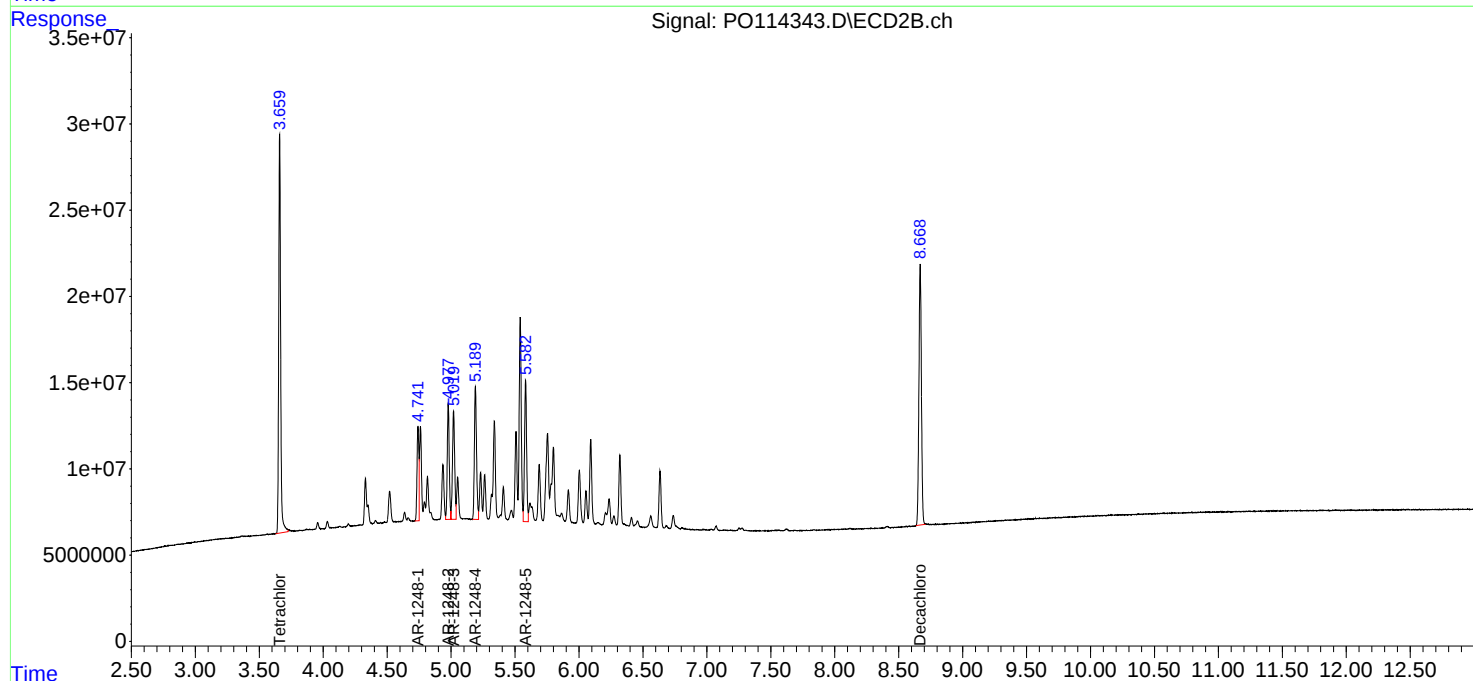
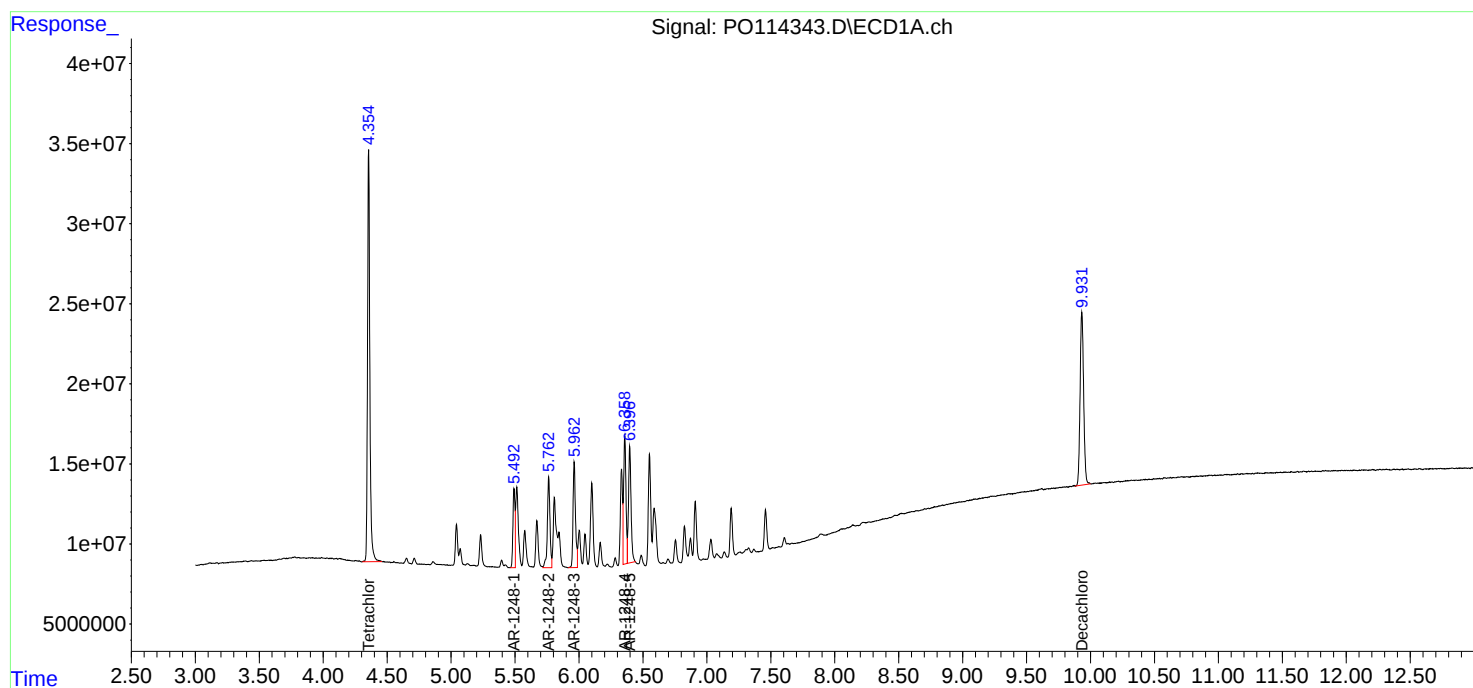
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114343.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:01
Operator : YP/AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:25:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:23:10 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114344.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 00:38
 Operator : YP/AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO100925AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 06:34:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 06:32:59 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.357	3.659	314.3E6	241.0E6	53.965	54.148
2) SA Decachlor...	9.933	8.668	205.4E6	202.3E6	54.240	53.024
Target Compounds						
26) L6 AR-1254-1	6.336	5.542	95733432	143.0E6	548.762	538.035
27) L6 AR-1254-2	6.552	5.689	140.9E6	127.1E6	553.115	533.511
28) L6 AR-1254-3	6.911	6.092	156.5E6	193.5E6	541.767	545.888
29) L6 AR-1254-4	7.192	6.320	131.2E6	140.9E6	554.609	545.891
30) L6 AR-1254-5	7.607	6.738	121.7E6	175.5E6	554.705	548.175

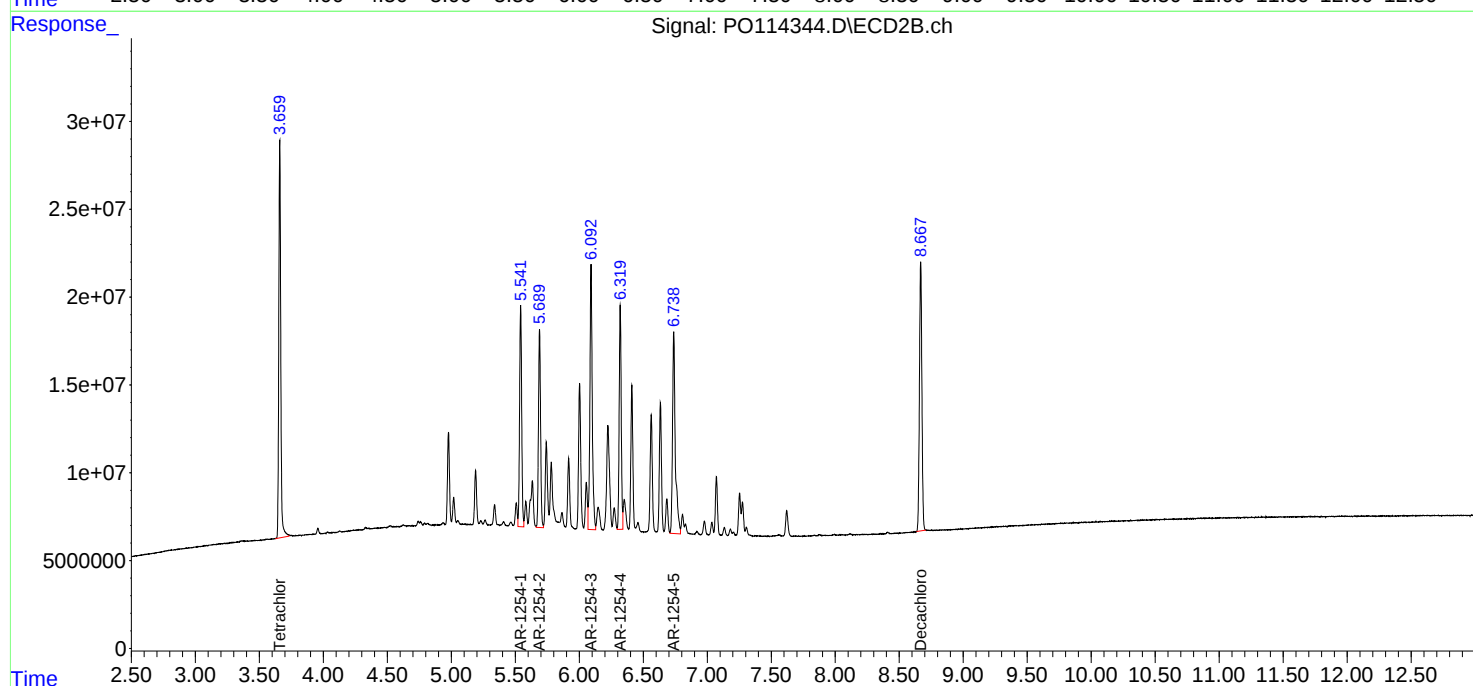
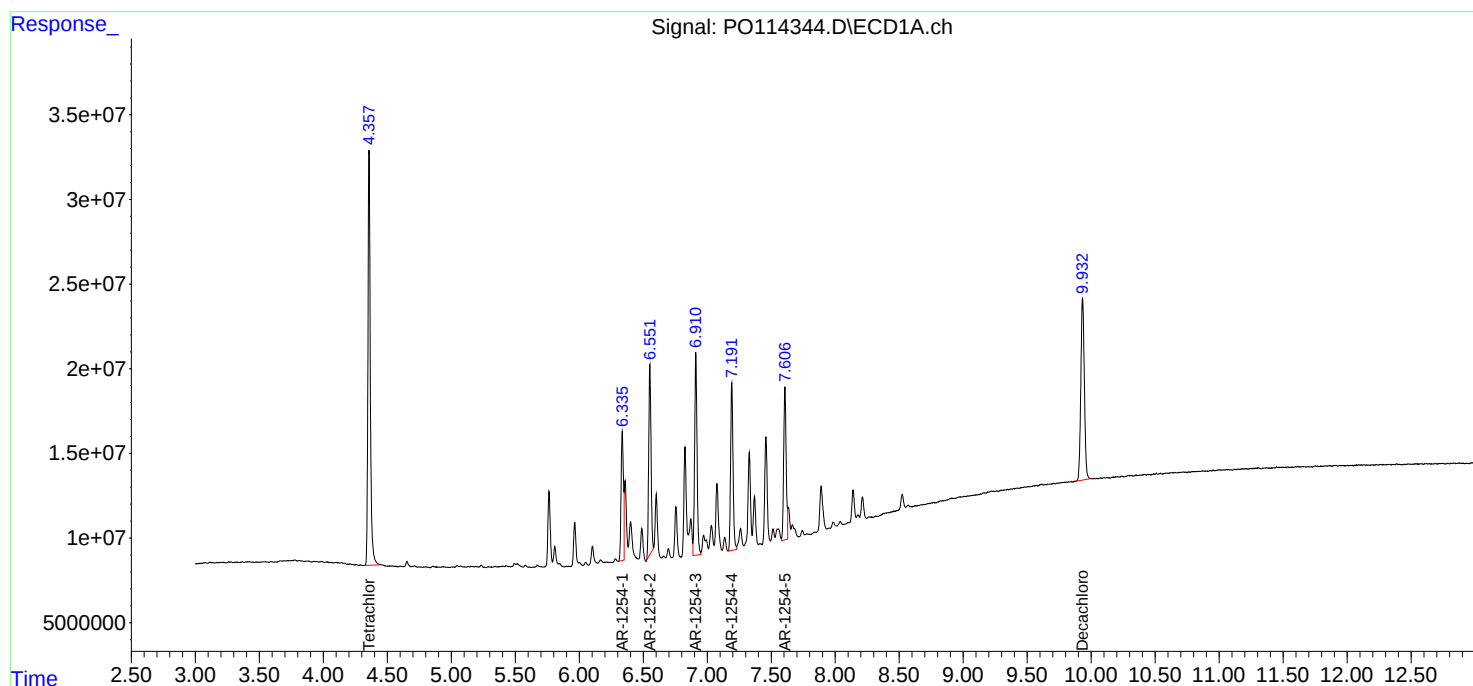
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114344.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 00:38
Operator : YP/AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 06:34:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 06:32:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
 Data File : PO114345.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Oct 2025 01:14
 Operator : YP/AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 ICVPO100925AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 04:52:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 10 04:51:11 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...	4.355	3.659	331.2E6	248.4E6	53.667	52.840
2) SA Decachlor...	9.931	8.669	379.9E6	358.2E6	53.869	50.737
Target Compounds						
41) L9 AR-1268-1	8.512	7.563	393.2E6	423.9E6	536.591	518.115
42) L9 AR-1268-2	8.601	7.627	334.7E6	356.6E6	538.610	519.303
43) L9 AR-1268-3	8.821	7.837	306.9E6	305.3E6	536.332	517.128
44) L9 AR-1268-4	9.217	8.118	131.0E6	123.8E6	530.325	517.544
45) L9 AR-1268-5	9.610	8.411	902.6E6	835.5E6	526.634	512.611

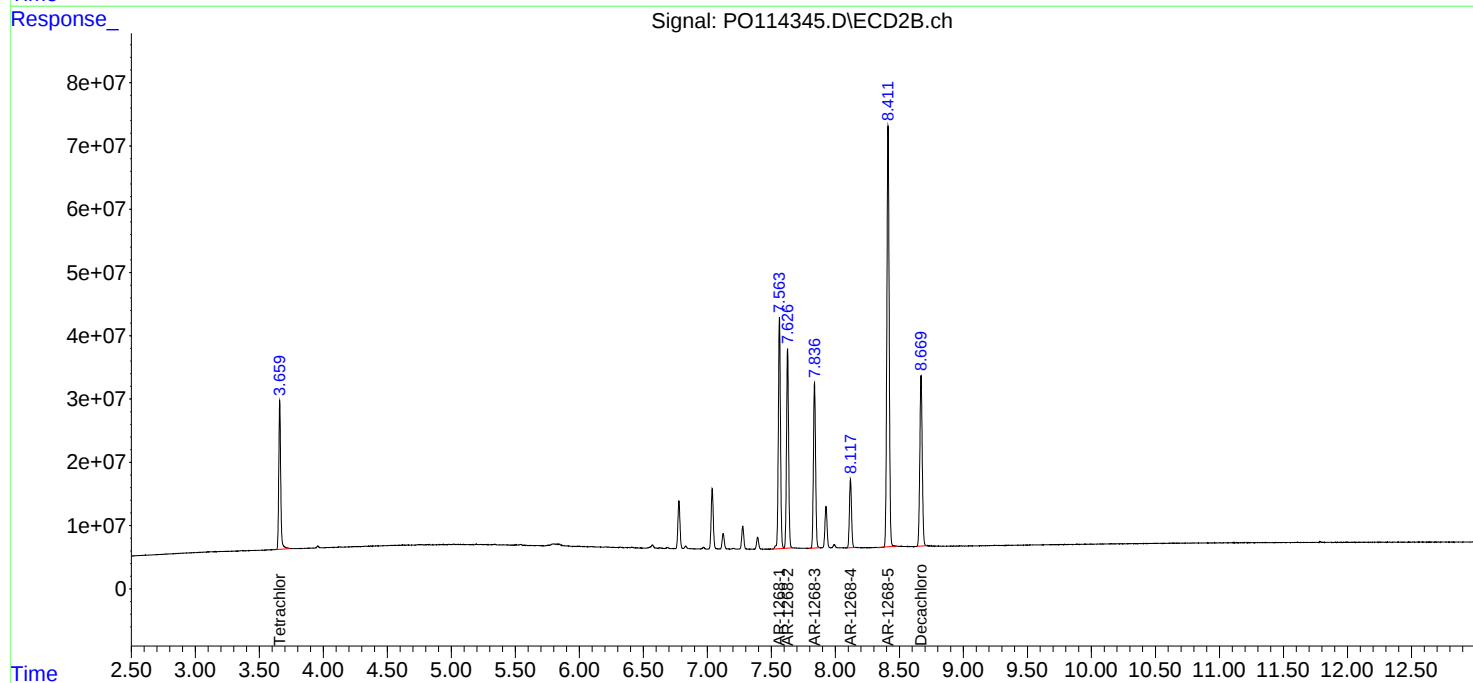
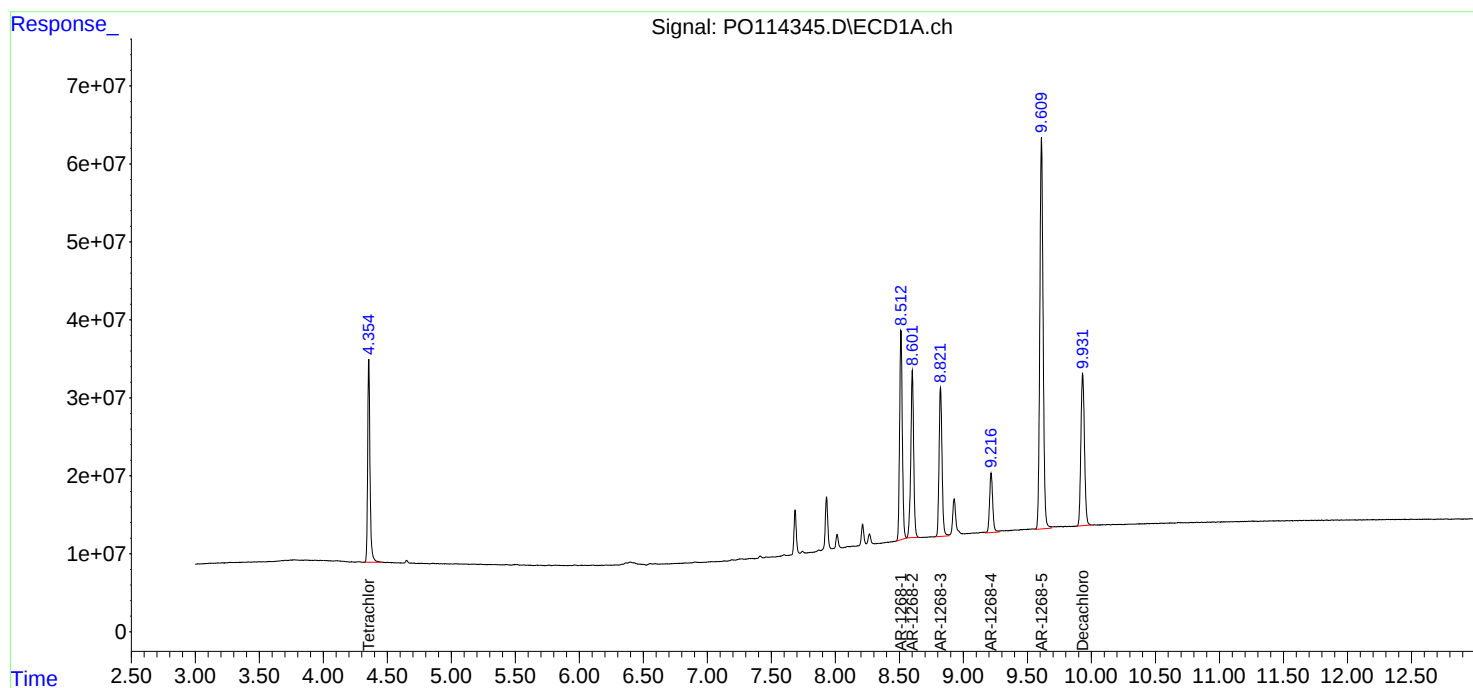
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114345.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 01:14
Operator : YP/AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
ICVPO100925AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 04:52:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 04:51:11 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Calibration Times: 09:06 17:01

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D
RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

[illegible]

[illegible]

Calibration Times: 09:06 17:01

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D
RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

[illegible]

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.79	8.78	8.79	8.79	8.79	8.79	8.69	8.89
Tetrachloro-m-xylene	3.78	3.78	3.79	3.79	3.79	3.78	3.68	3.88



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: MATR02
SDG NO.: Q3461

Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

LAB FILE ID:		CF 1000 = <u>PP075888.D</u>		CF 750 = <u>PP075889.D</u>			
CF 500 = <u>PP075890.D</u>		CF 250 = <u>PP075891.D</u>		CF 050 = <u>PP075892.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	172486766	179135464	188184104	190078376	211424800	188261902	8
Aroclor-1268-3	(3)	145245892	150281380	156894280	158090072	165408840	155184093	5
Aroclor-1268-4	(4)	71036137	74805685	76392484	76627212	94373740	78647052	12
Aroclor-1268-5	(5)	446420076	458917541	475352492	479939416	541304600	480386825	8
Decachlorobiphenyl		1988394870	2075434813	2173906840	2211711440	2356033600	2161096313	6
Tetrachloro-m-xylene		1515083040	1549265533	1603737900	1591085800	1659449000	1583724255	3



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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: MATR02
SDG NO.: Q3461

Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

LAB FILE ID:		CF 1000 = <u>PP075888.D</u>		CF 750 = <u>PP075889.D</u>			
CF 500 = <u>PP075890.D</u>		CF 250 = <u>PP075891.D</u>		CF 050 = <u>PP075892.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	708597432	755130533	750168220	768814916	718149060	740172032 3
Aroclor-1016-2	(2)	344688013	362255933	349033076	368003724	285681000	341932349 10
Aroclor-1016-3	(3)	184756021	198805969	201689770	204443556	237017160	205342495 9
Aroclor-1016-4	(4)	185429480	195612065	193130110	203643812	156612400	186885573 10
Aroclor-1016-5	(5)	202087874	223186380	221264342	249936892	243439240	227982946 8
Aroclor-1260-1	(1)	519115007	547143451	551523748	550034516	570658900	547695124 3
Aroclor-1260-2	(2)	816933203	847057133	836099344	841169992	727408040	813733542 6
Aroclor-1260-3	(3)	571186815	591919587	603061842	595667512	451948620	562756875 11
Aroclor-1260-4	(4)	562542796	557220415	556309062	533352684	387232680	519331527 14
Aroclor-1260-5	(5)	1443277342	1495374137	1448146362	1379476524	1011499060	1355554685 15
Decachlorobiphenyl		7970697090	8448130240	8416417320	8375691800	7903993200	8222985930 3
Tetrachloro-m-xylene		6687145430	7018651333	6804923780	6758234840	5822487600	6618288597 7
Aroclor-1242-1	(1)	571147464	588341980	597723718	569760388	546790280	574752766 3
Aroclor-1242-2	(2)	271622570	270496133	289123856	291348184	264965740	277511297 4
Aroclor-1242-3	(3)	148417684	150685240	162169734	157714788	168071120	157411713 5
Aroclor-1242-4	(4)	195275059	191450107	210824584	191270784	136740280	185112163 15
Aroclor-1242-5	(5)	229588702	236959084	244202752	234962408	205474700	230237529 6
Decachlorobiphenyl		8905080650	8993413907	9094156860	9113318400	9309338200	9083061603 2
Tetrachloro-m-xylene		7556133750	7417192413	7366207320	7201170040	6123421000	7132824905 8
Aroclor-1248-1	(1)	362937087	375551145	389160858	390611340	359825360	375617158 4
Aroclor-1248-2	(2)	226906631	241863020	243838414	257801160	259130280	245907901 5
Aroclor-1248-3	(3)	258884180	267447340	286041186	300772772	321318420	286892780 9
Aroclor-1248-4	(4)	264944699	288582168	281543548	284810560	293675780	282711351 4
Aroclor-1248-5	(5)	531974990	530976477	538260328	580030476	417051840	519658822 12
Decachlorobiphenyl		8995204870	9175718960	9269974040	9050625160	7344080200	8767120646 9
Tetrachloro-m-xylene		7343926730	7496283907	7432157100	7125361600	5416154400	6962776747 13
Aroclor-1254-1	(1)	570889099	597066183	605466528	586480320	460097860	563999998 11
Aroclor-1254-2	(2)	484331632	496825463	519240264	512723972	637282480	530080762 12
Aroclor-1254-3	(3)	866771846	893592493	892235862	873540968	729313040	851090842 8
Aroclor-1254-4	(4)	656603428	687178148	673132272	636725912	495267720	629781496 12
Aroclor-1254-5	(5)	714919063	793859644	718111150	679323440	693198580	719882375 6
Decachlorobiphenyl		9294247170	9652211800	9737198260	9430246600	10010120400	9624804846 3
Tetrachloro-m-xylene		7467434200	7759548133	7675903540	7263970760	7005463400	7434464007 4
Aroclor-1268-1	(1)	1831610079	1813456776	1858863308	1732000476	1817331660	1810652460 3



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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	1800363506	1772458256	1795415328	1662166904	1645167940	1735114387	4
Aroclor-1268-3	(3)	1369797429	1358701644	1402746042	1358715304	1345500120	1367092108	2
Aroclor-1268-4	(4)	542764588	536784571	540251440	501746924	465672060	517443917	6
Aroclor-1268-5	(5)	3855476951	3900359425	4013489614	3707995788	3381331260	3771730608	6
Decachlorobiphenyl		16718332370	16659738347	17037476180	16197346520	15850998600	16492778403	3
Tetrachloro-m-xylene		7499400880	7531972947	7553431460	7073074800	6855756800	7302727377	4



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.84	4.74	4.94	20176600
		2	4.93	4.83	5.03	15061400
		3	5.01	4.91	5.11	46915600
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.01	4.91	5.11	39314800
		2	5.53	5.43	5.63	20627600
		3	5.82	5.72	5.92	38639600
		4	5.98	5.88	6.08	20172600
		5	6.07	5.97	6.17	15662900
Aroclor-1262	500	1	8.23	8.13	8.33	84026000
		2	8.56	8.46	8.66	163669000
		3	8.88	8.78	8.98	121787000
		4	8.97	8.87	9.07	92111600
		5	9.64	9.54	9.74	67824600



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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025
GC Column: ZB-MR2 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	3.99	3.89	4.09	90009000
		2	4.08	3.98	4.18	63177800
		3	4.15	4.05	4.25	212036000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	168044000
		2	4.88	4.78	4.98	297516000
		3	5.06	4.96	5.16	81766800
		4	5.14	5.04	5.24	84943400
		5	5.31	5.21	5.41	100651000
Aroclor-1262	500	1	6.89	6.79	6.99	986952000
		2	7.15	7.05	7.25	703208000
		3	7.67	7.57	7.77	606960000
		4	7.74	7.64	7.84	1101340000
		5	8.23	8.13	8.33	461492000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 09:06
 Operator : YP\AJ
 Sample : AR1660ICC1000
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:20:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:14:53 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...	4.646	3.784	137.0E6	668.7E6	95.793	99.127
2)	SA Decachlor...	10.422	8.784	101.2E6	797.1E6	94.728	97.280
Target Compounds							
3)	L1 AR-1016-1	5.799	4.880	53893845	708.6E6	944.490	971.503
4)	L1 AR-1016-2	5.820	4.938	81387326	344.7E6	944.028	993.737
5)	L1 AR-1016-3	5.883	5.058	50025937	184.8E6	936.900	956.181
6)	L1 AR-1016-4	5.980	5.099	41815325	185.4E6	941.806	979.658
7)	L1 AR-1016-5	6.272	5.313	39075321	202.1E6	950.438	954.703
31)	L7 AR-1260-1	7.391	6.341	64655691	519.1E6	956.379	969.730
32)	L7 AR-1260-2	7.643	6.527	80744063	816.9E6	953.639	988.405
33)	L7 AR-1260-3	8.001	6.681	64964687	571.2E6	969.854	972.855
34)	L7 AR-1260-4	8.229	7.150	65448766	562.5E6	948.590	1005.572
35)	L7 AR-1260-5	8.555	7.390	139.4E6	1443.3E6	955.220	998.316

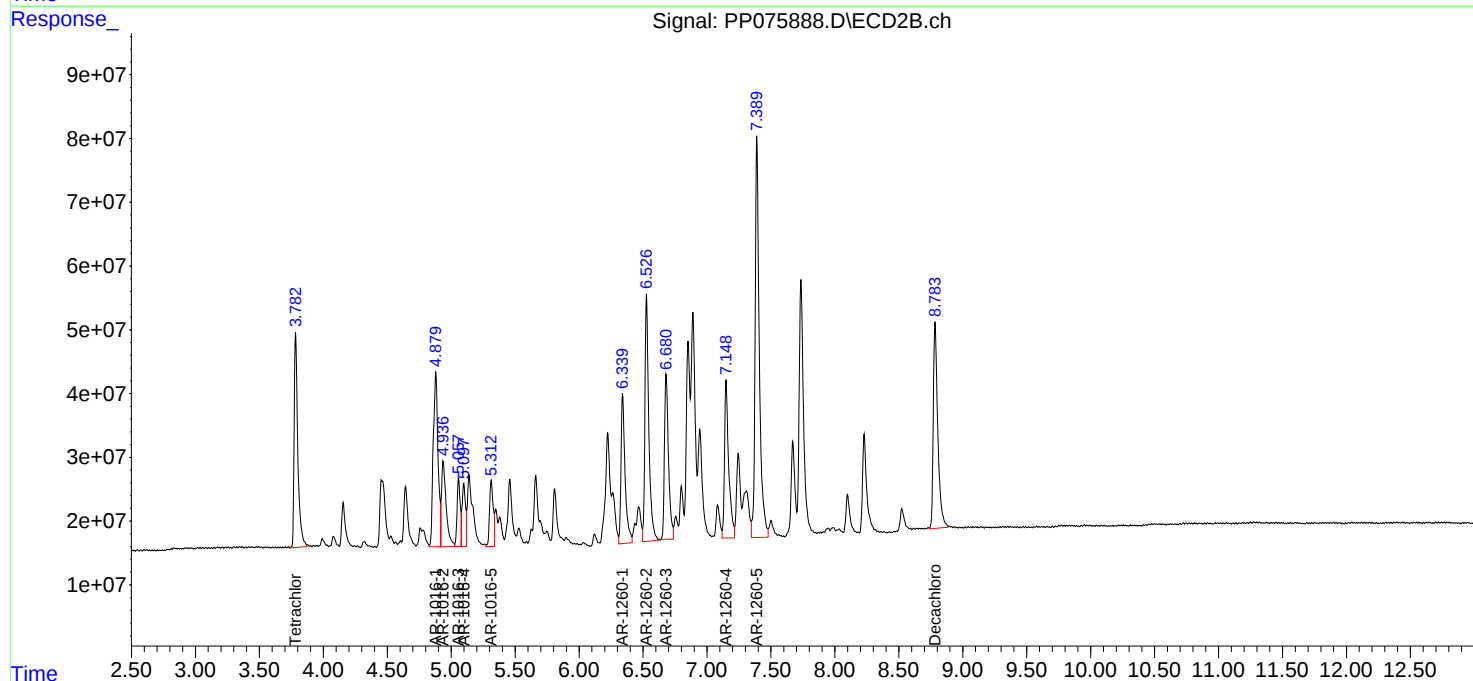
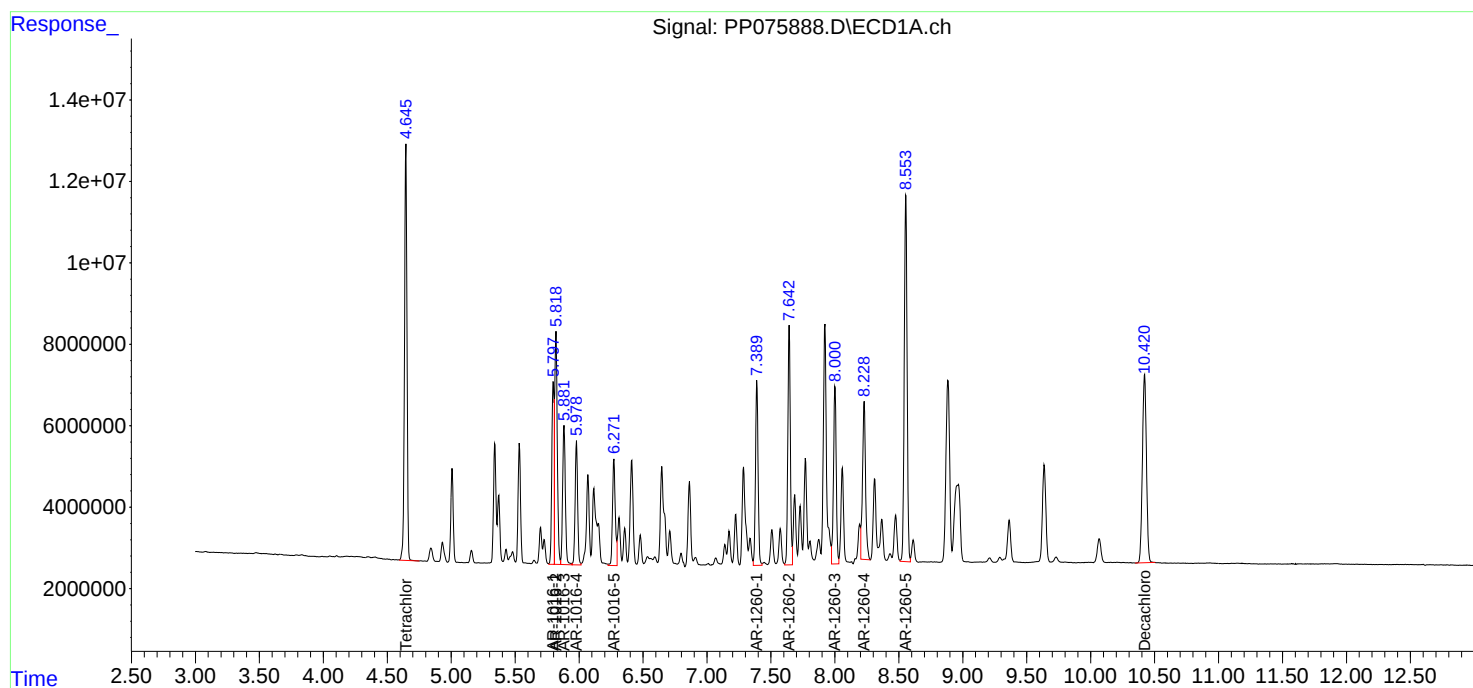
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:06
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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\PP102125\
 Data File : PP075889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 09:22
 Operator : YP\AJ
 Sample : AR1660ICC750
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:23:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:14:53 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...	4.642	3.781	109.0E6	526.4E6	75.790	76.994
2) SA Decachlor...	10.419	8.782	80347709	633.6E6	75.133	76.538
Target Compounds						
3) L1 AR-1016-1	5.795	4.877	43386329	566.3E6	756.866	767.445
4) L1 AR-1016-2	5.817	4.935	64945093	271.7E6	752.204	771.869
5) L1 AR-1016-3	5.879	5.055	40120308	149.1E6	750.922	764.309
6) L1 AR-1016-4	5.977	5.096	33463154	146.7E6	752.456	766.543
7) L1 AR-1016-5	6.270	5.309	31033086	167.4E6	753.210	776.704
31) L7 AR-1260-1	7.387	6.338	50931055	410.4E6	752.240	760.963
32) L7 AR-1260-2	7.640	6.525	63926138	635.3E6	753.332	762.324
33) L7 AR-1260-3	7.999	6.678	50664437	443.9E6	754.232	754.073
34) L7 AR-1260-4	8.226	7.147	53033476	417.9E6	762.329	748.026
35) L7 AR-1260-5	8.552	7.387	109.7E6	1121.5E6	751.069	766.981

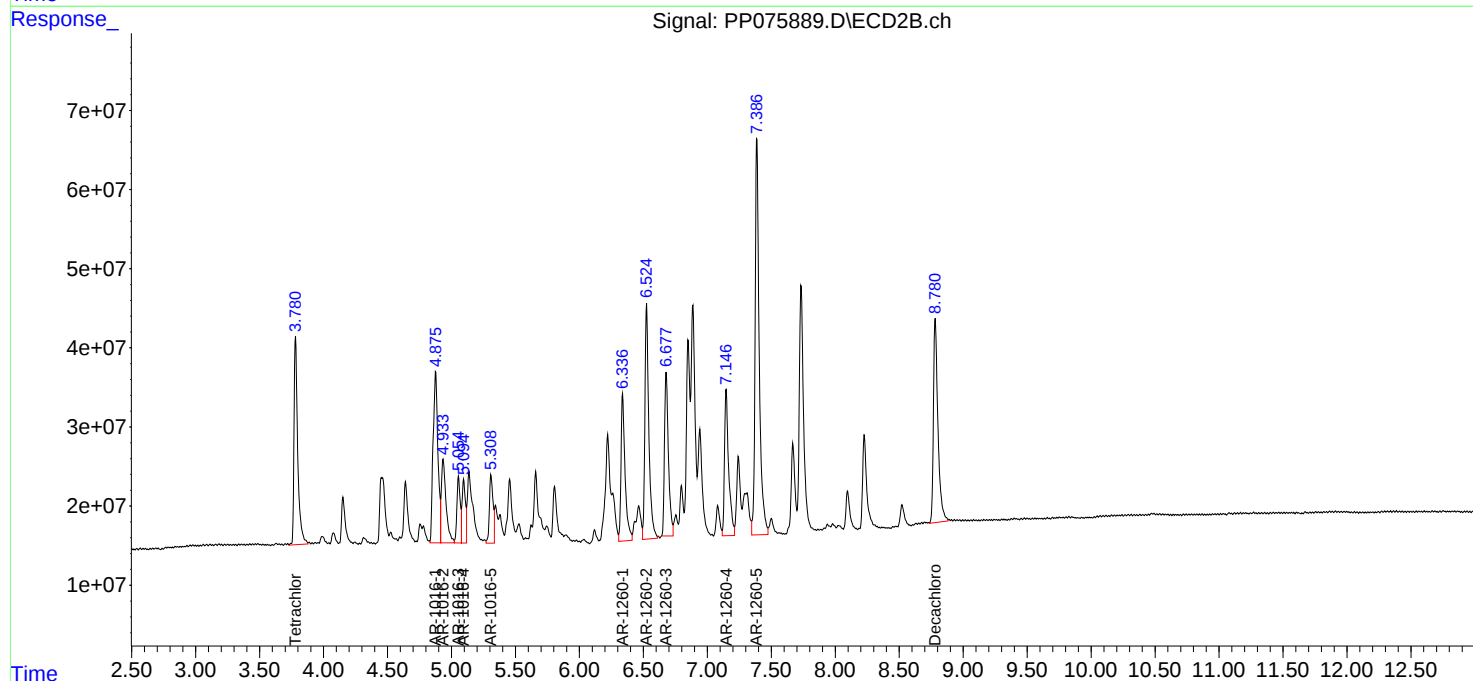
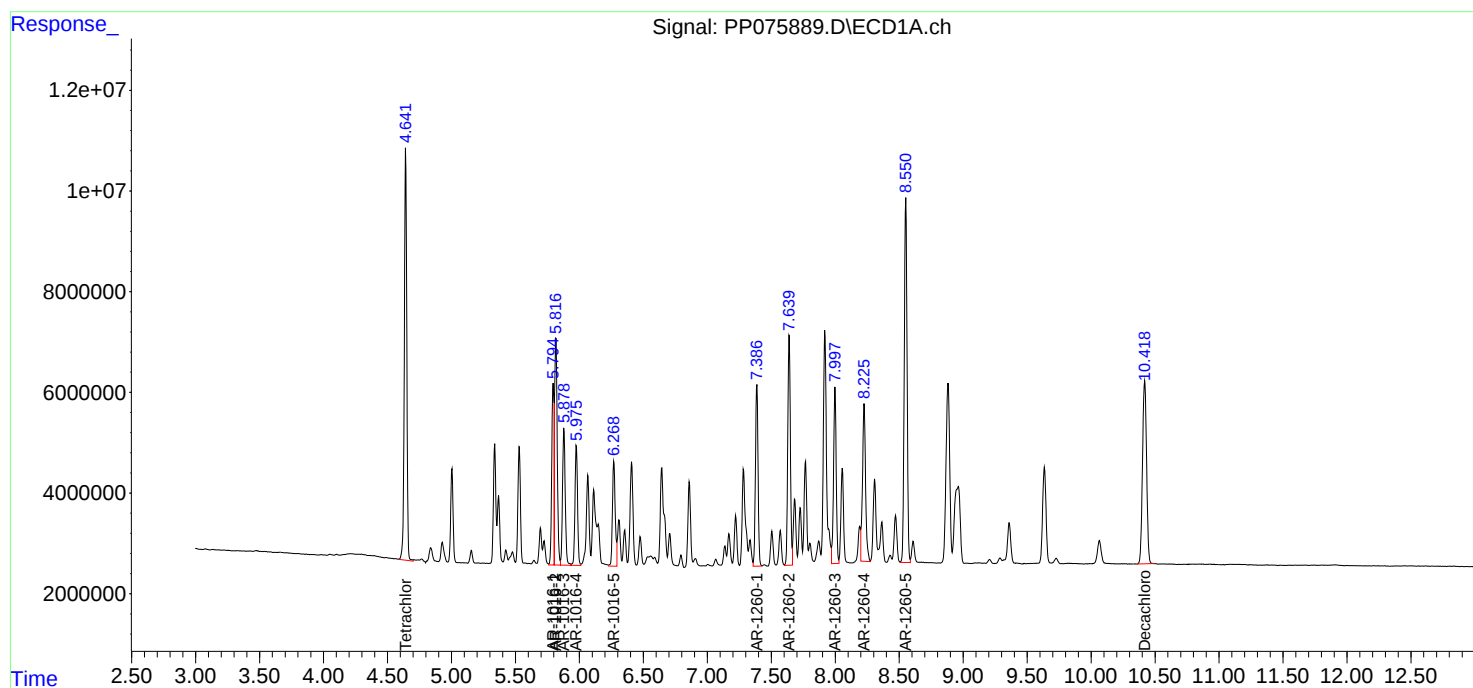
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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\PP102125\
 Data File : PP075890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 09:38
 Operator : YP\AJ
 Sample : AR1660ICC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:17:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:14:53 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...	4.642	3.781	74528552	340.2E6	50.000	50.000
2) SA Decachlor...	10.419	8.782	56239261	420.8E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.795	4.878	30114384	375.1E6	500.000	500.000
4) L1 AR-1016-2	5.817	4.936	45519198	174.5E6	500.000	500.000
5) L1 AR-1016-3	5.880	5.054	28382201	100.8E6	500.000	500.000
6) L1 AR-1016-4	5.977	5.096	23491429	96565055	500.000	500.000
7) L1 AR-1016-5	6.269	5.310	21575284	110.6E6	500.000	500.000
31) L7 AR-1260-1	7.387	6.338	35276845	275.8E6	500.000	500.000
32) L7 AR-1260-2	7.640	6.525	44297376	418.0E6	500.000	500.000
33) L7 AR-1260-3	7.999	6.678	34501640	301.5E6	500.000	500.000
34) L7 AR-1260-4	8.227	7.147	36271488	278.2E6	500.000	500.000
35) L7 AR-1260-5	8.552	7.387	76226369	724.1E6	500.000	500.000

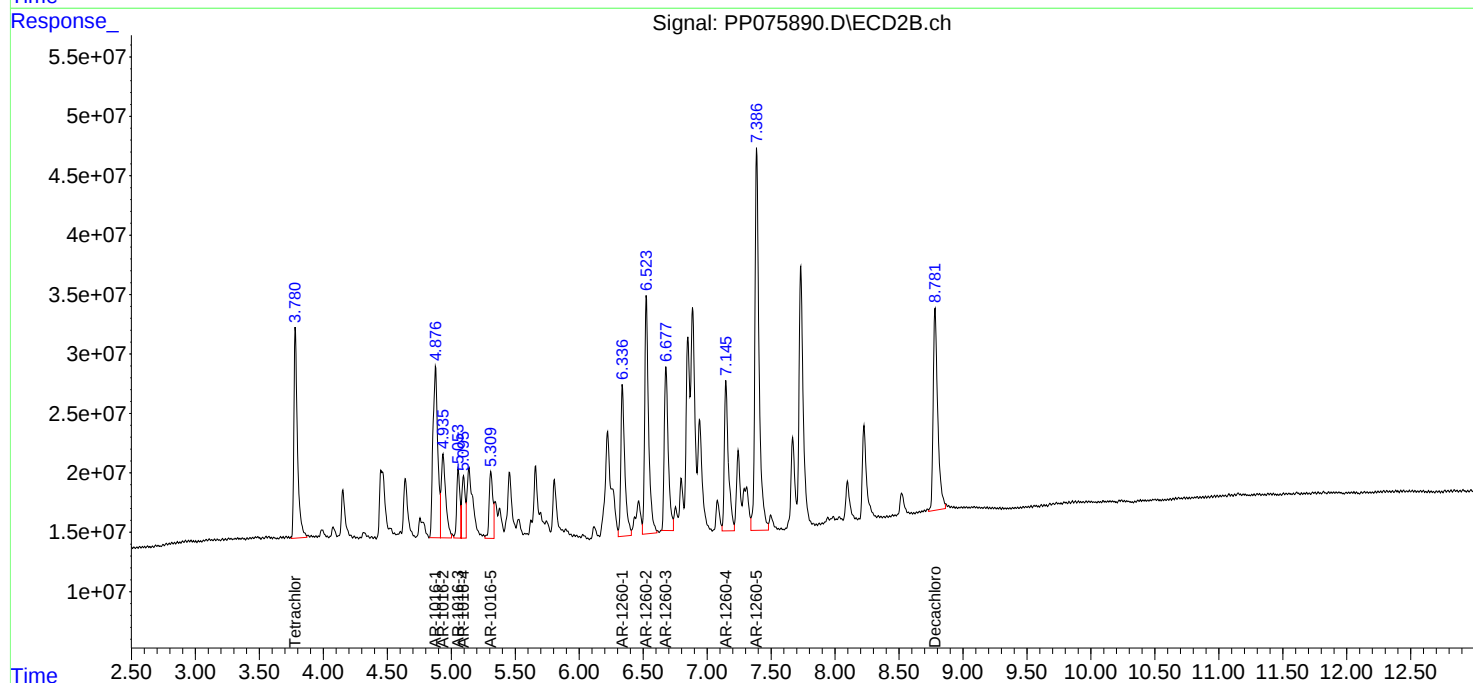
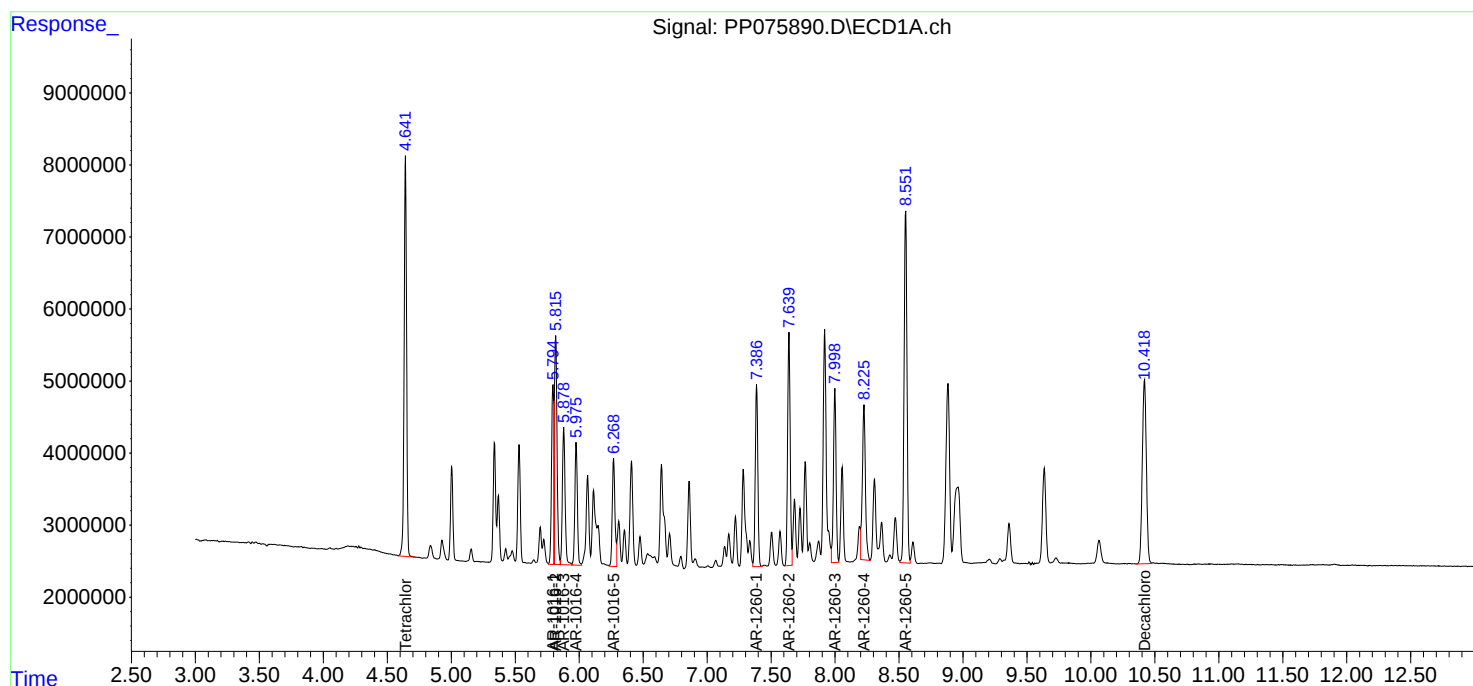
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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\PP102125\
 Data File : PP075891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 09:54
 Operator : YP\AJ
 Sample : AR1660ICC250
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:27:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:14:53 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...	4.645	3.784	37075524	169.0E6	25.583	24.784
2) SA Decachlor...	10.422	8.784	28447228	209.4E6	26.182	25.220
Target Compounds						
3) L1 AR-1016-1	5.798	4.879	15764214	192.2E6	268.295	257.757
4) L1 AR-1016-2	5.819	4.938	23732820	92000931	268.205	258.433
5) L1 AR-1016-3	5.882	5.057	14886118	51110889	270.868	258.889
6) L1 AR-1016-4	5.979	5.098	12136196	50910953	266.787	261.815
7) L1 AR-1016-5	6.272	5.311	11195531	62484223	265.950	278.799
31) L7 AR-1260-1	7.390	6.340	18525045	137.5E6	267.300	253.727
32) L7 AR-1260-2	7.643	6.526	23496784	210.3E6	269.643	251.752
33) L7 AR-1260-3	8.001	6.680	18178927	148.9E6	265.157	252.205
34) L7 AR-1260-4	8.229	7.150	18638279	133.3E6	263.200	241.399
35) L7 AR-1260-5	8.554	7.389	38759842	344.9E6	261.402	239.232

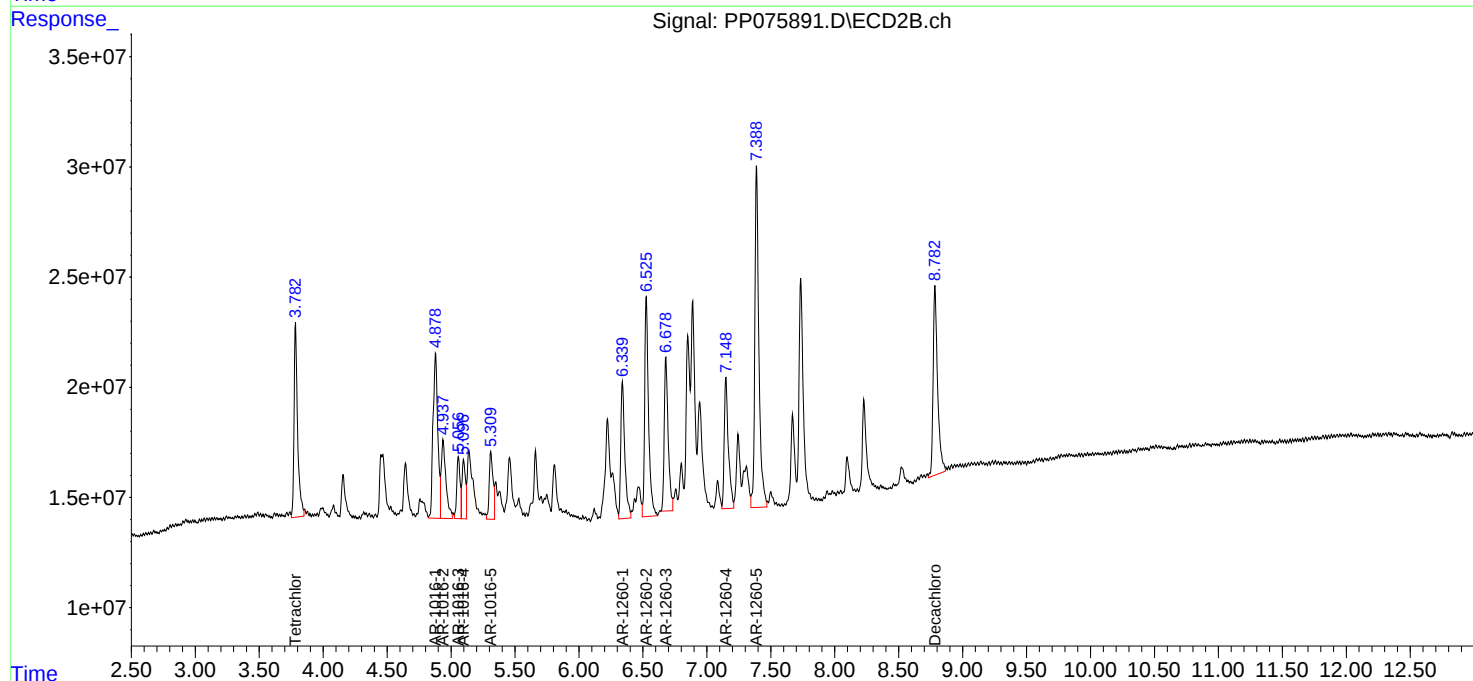
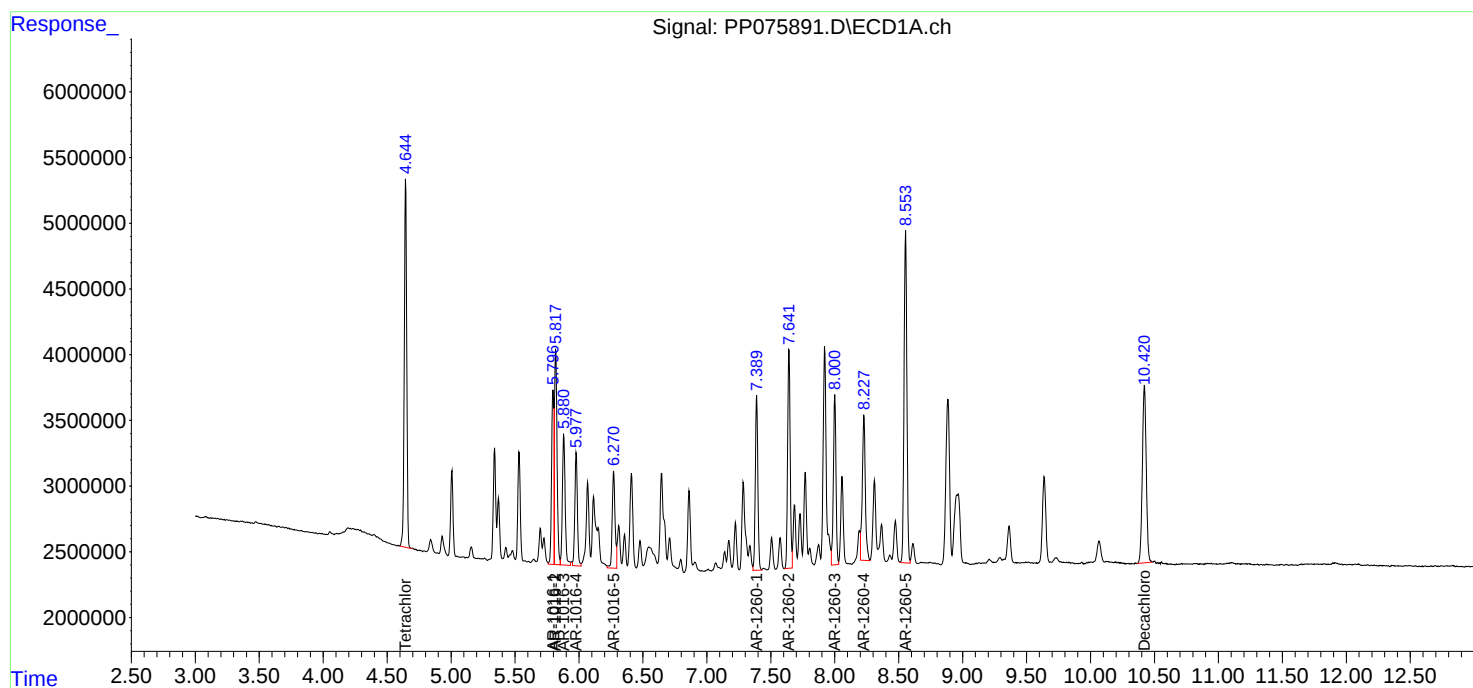
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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\PP102125\
 Data File : PP075892.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 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 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:33:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:14:53 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...	4.645	3.781	6742686	29112438	4.718	4.278m
2) SA Decachlor...	10.422	8.783	5182617	39519966	4.814	4.806
Target Compounds						
3) L1 AR-1016-1	5.798	4.880	3030132	35907453	51.249	48.512
4) L1 AR-1016-2	5.819	4.943	4413506	14284050	49.902	41.774
5) L1 AR-1016-3	5.880	5.052	2846330	11850858	50.609m	58.316m
6) L1 AR-1016-4	5.978	5.094	2262026	7830620	48.653m	41.996m
7) L1 AR-1016-5	6.272	5.308	2432108	12171962	56.032	53.433m
31) L7 AR-1260-1	7.390	6.339	3328272	28532945	48.407	52.096
32) L7 AR-1260-2	7.643	6.528	4966284	36370402	55.441	44.696
33) L7 AR-1260-3	8.001	6.681	3609827	22597431	52.100	40.155
34) L7 AR-1260-4	8.229	7.150	2980037	19361634	43.459	37.282
35) L7 AR-1260-5	8.555	7.388	7332547	50574953	49.560	37.309

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075892.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:11
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

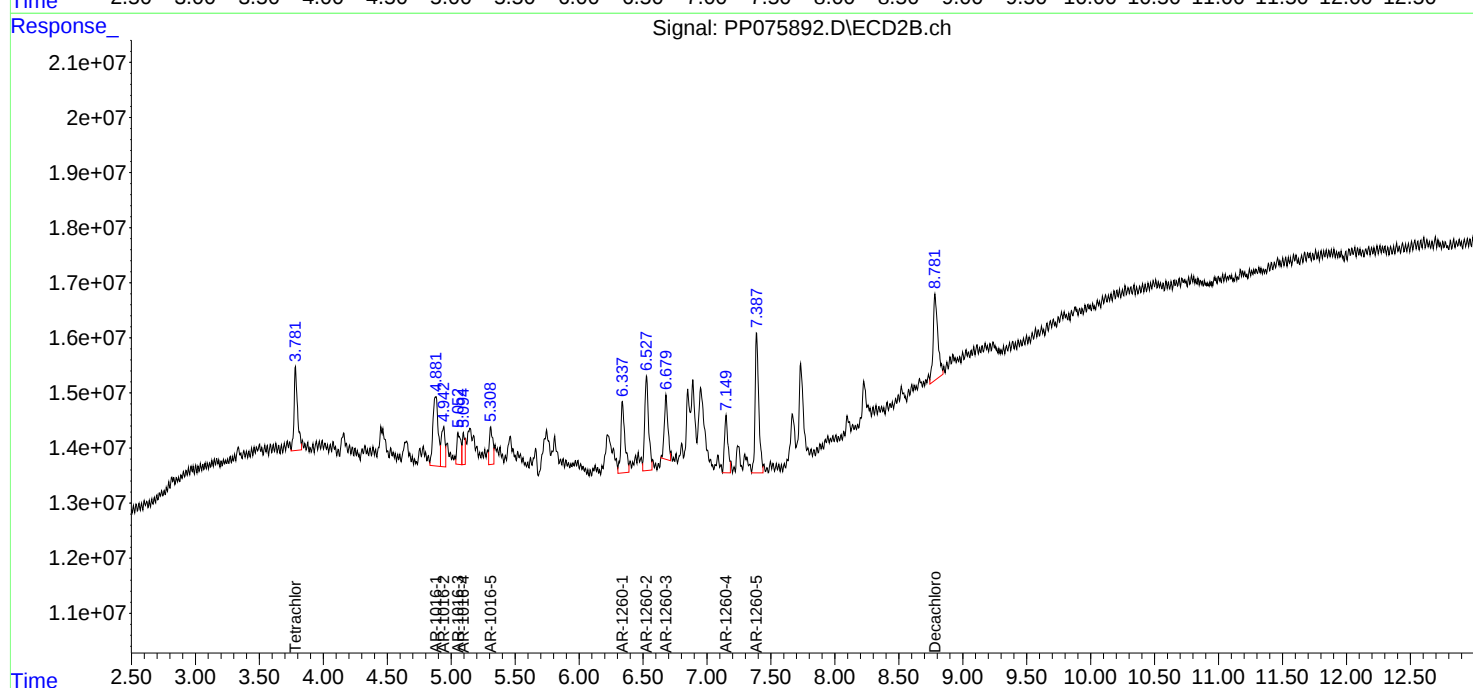
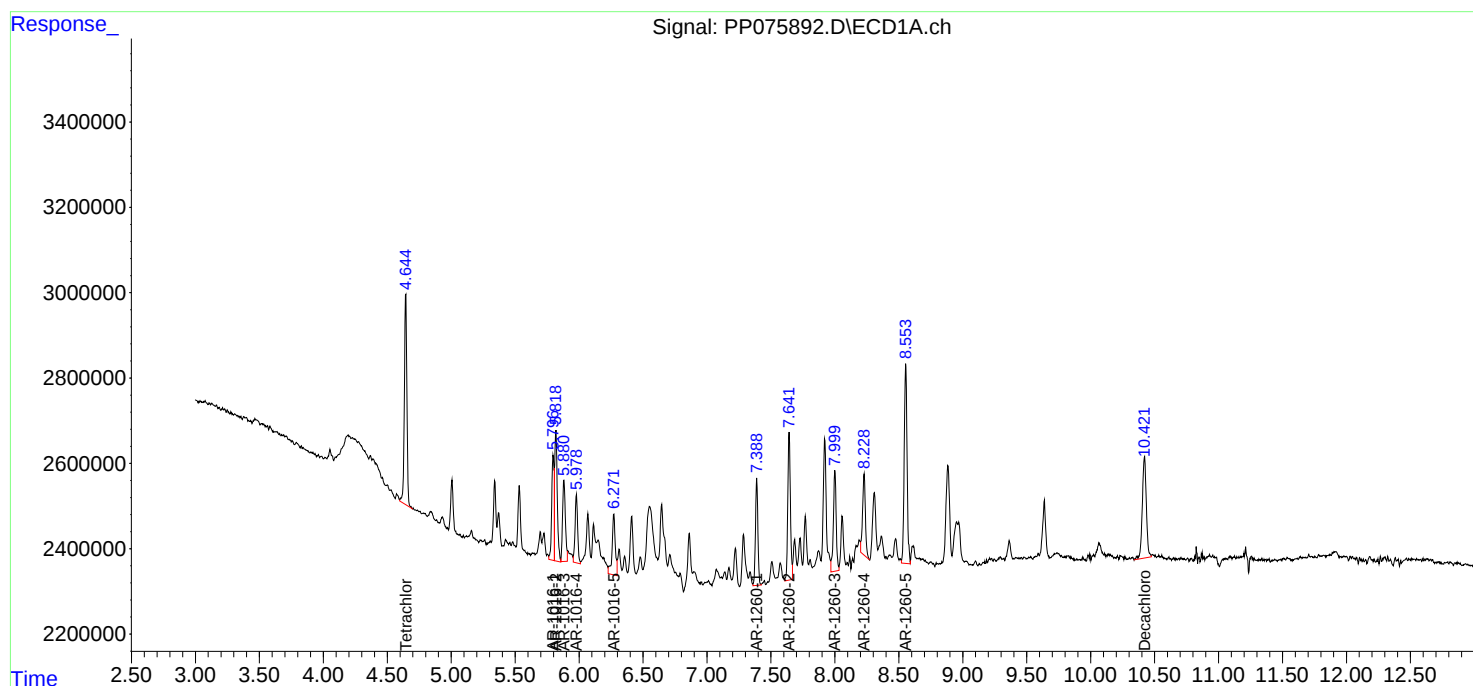
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 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\PP102125\
 Data File : PP075893.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 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: Oct 21 16:37:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:37:41 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.643	3.782	75268417	347.9E6	50.000	50.000
2) SA Decachlor...	10.419	8.781	55765598	413.6E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.843	3.993	10088314	45004530	500.000	500.000
9) L2 AR-1221-2	4.929	4.076	7530715	31588869	500.000	500.000
10) L2 AR-1221-3	5.005	4.154	23457783	106.0E6	500.000	500.000

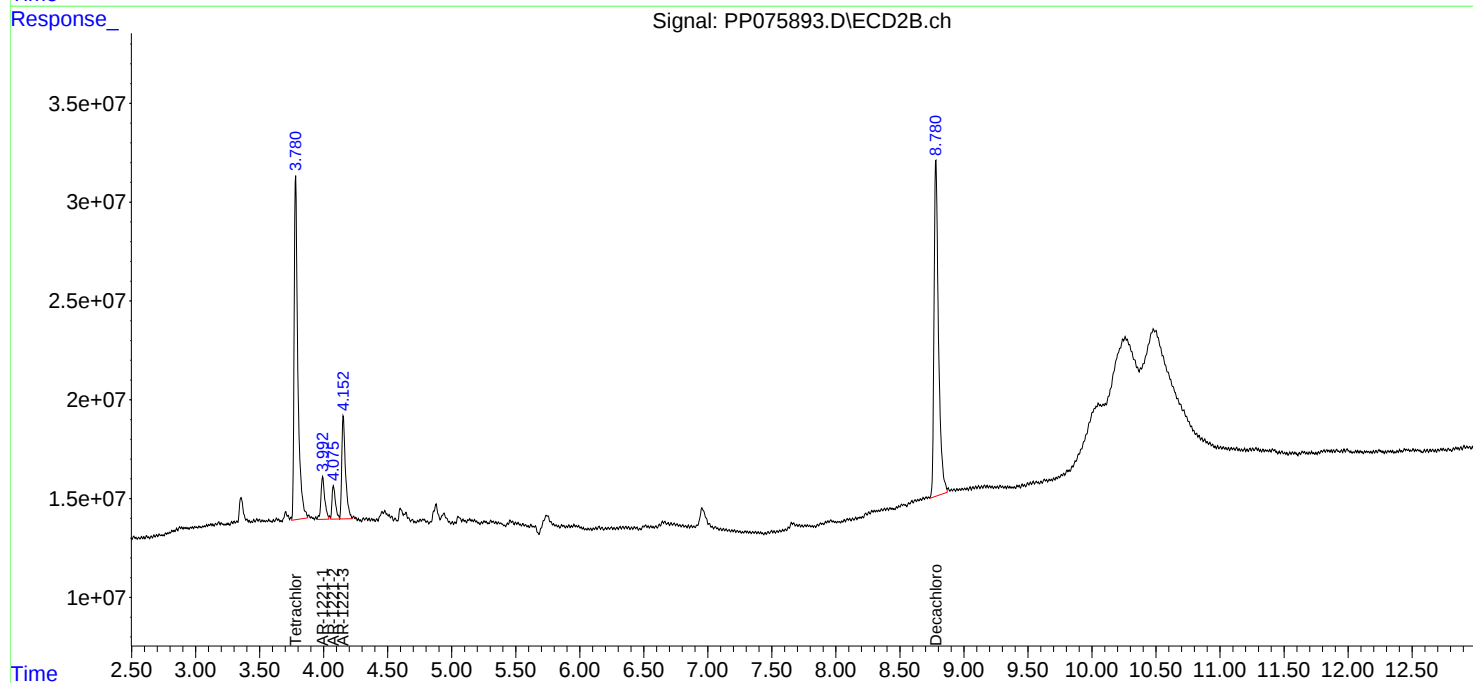
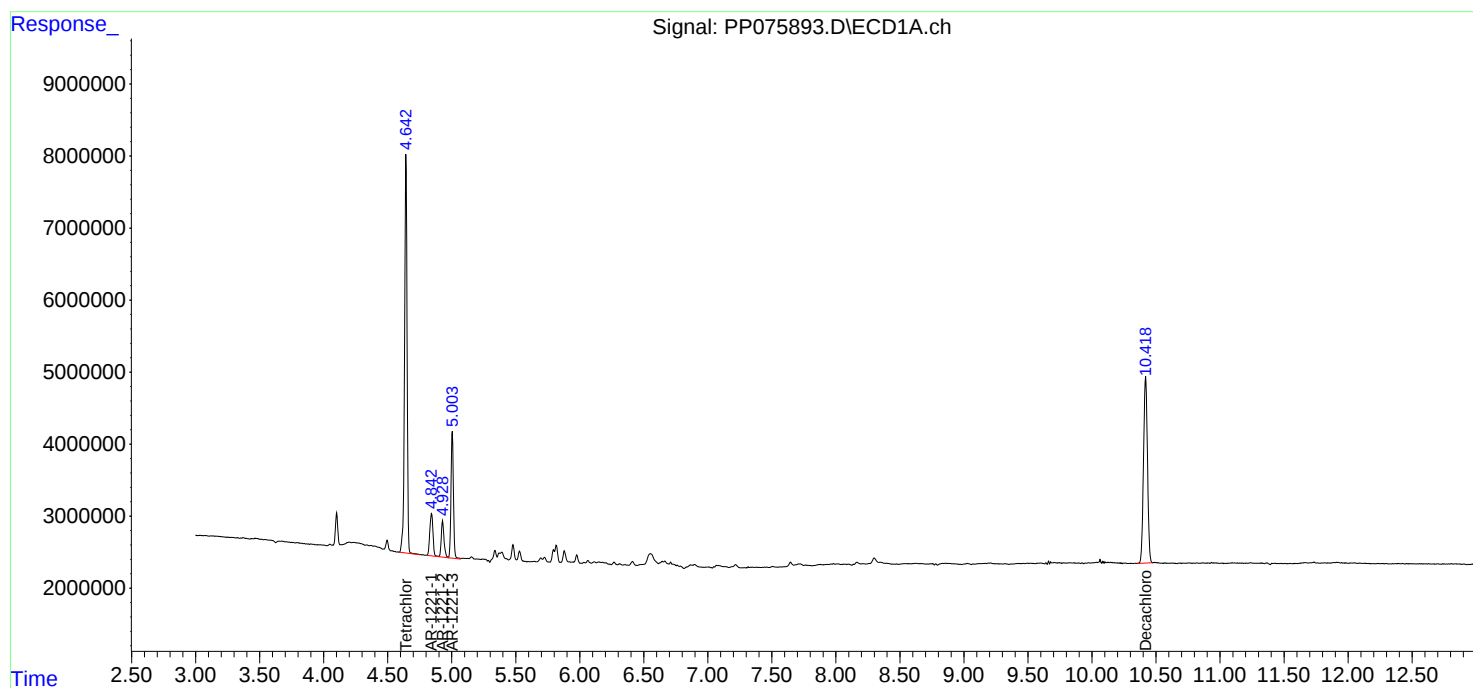
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 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: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075894.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 10:43
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:45:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:45:19 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.644	3.783	76762692	367.2E6	50.000	50.000
2) SA Decachlor...	10.418	8.783	57573853	421.9E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	5.006	4.154	19657396	84022049	500.000	500.000
12) L3 AR-1232-2	5.532	4.877	10313847	148.8E6	500.000	500.000
13) L3 AR-1232-3	5.818	5.056	19319843	40883369	500.000	500.000
14) L3 AR-1232-4	5.978	5.136	10086255	42471740	500.000	480.688m
15) L3 AR-1232-5	6.068	5.311	7831441	50325540	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\PP102125\
Data File : PP075894.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:43
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

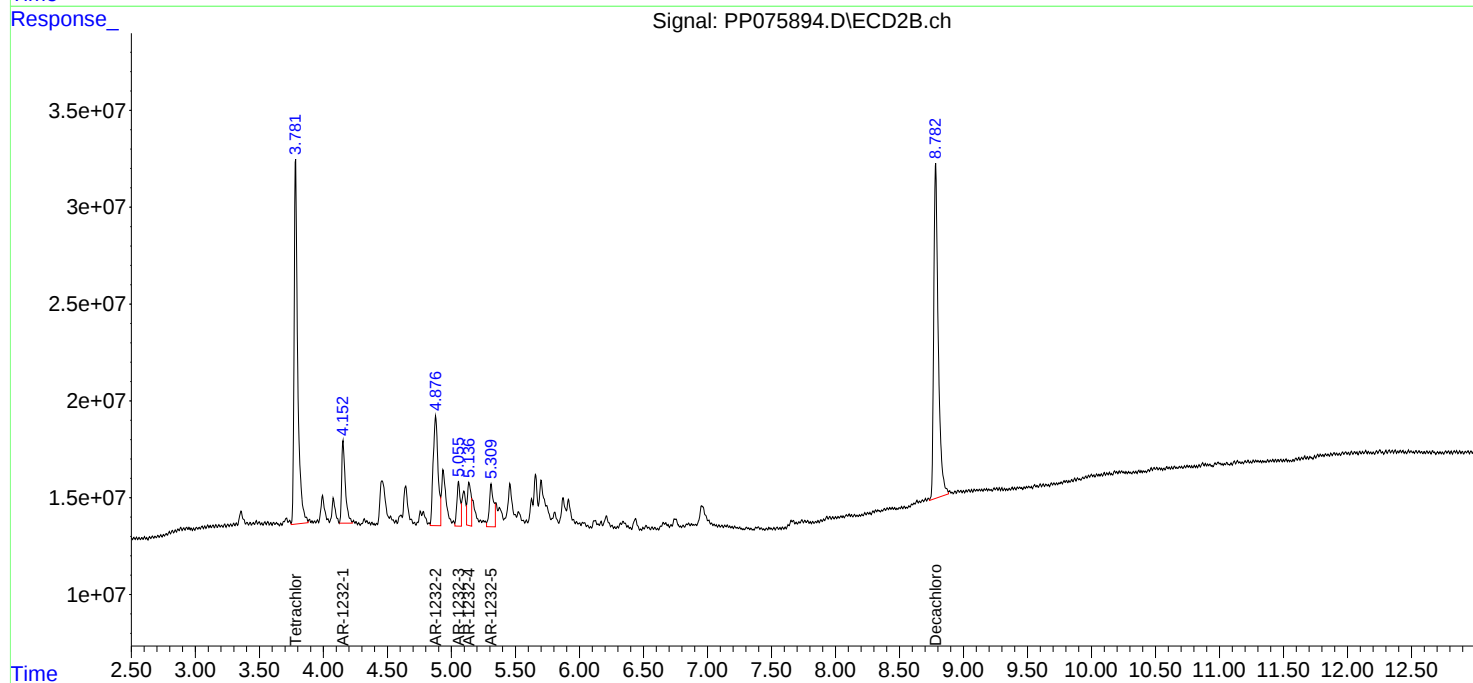
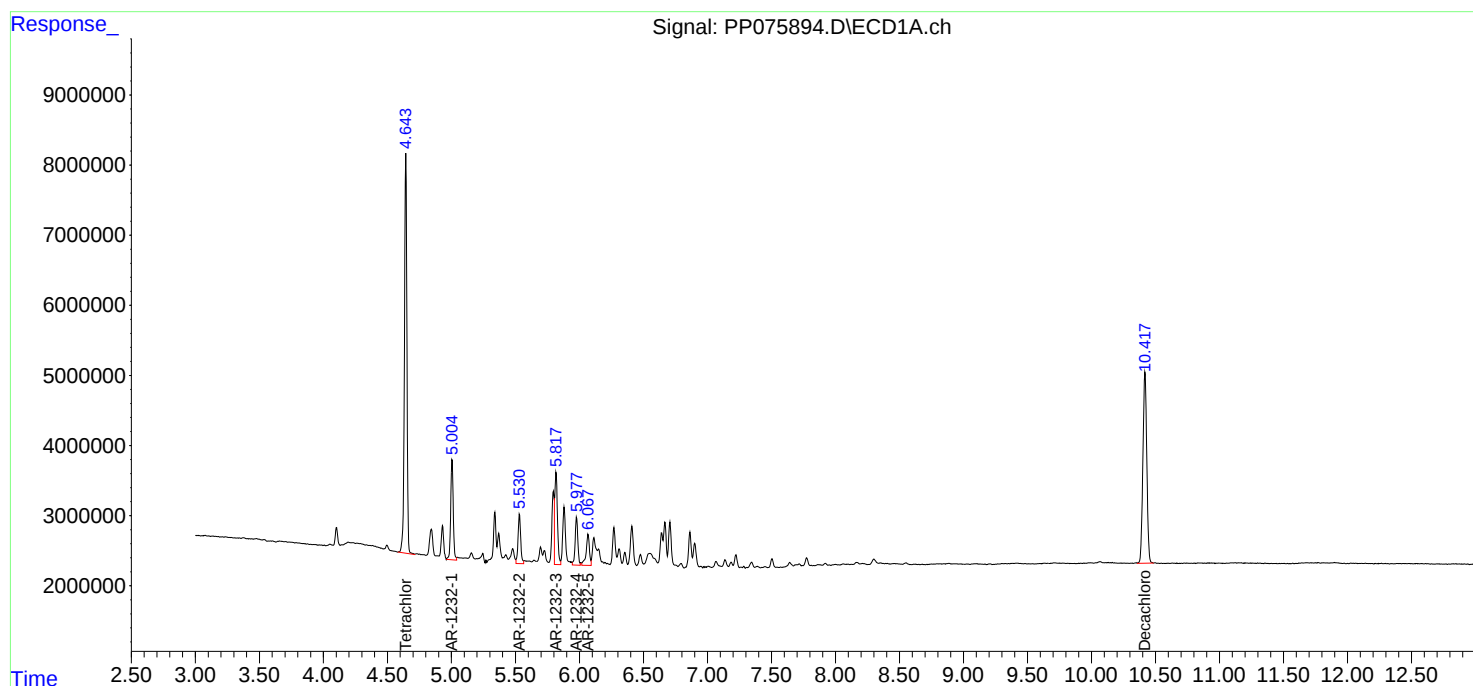
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:45:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:45:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075895.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 10:59
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:57:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:53:53 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...	4.646	3.784	146.7E6	755.6E6	97.370	101.273
2) SA Decachlor...	10.422	8.784	113.6E6	890.5E6	95.988	98.950
Target Compounds						
16) L4 AR-1242-1	5.799	4.880	44019933	571.1E6	960.145	977.263
17) L4 AR-1242-2	5.820	4.938	64942800	271.6E6	955.587	968.789
18) L4 AR-1242-3	5.882	5.058	40140584	148.4E6	947.491	955.722
19) L4 AR-1242-4	5.980	5.140	33543618	195.3E6	958.879	946.968m
20) L4 AR-1242-5	6.710	5.660	36405140	229.6E6	929.963	969.155

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075895.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:59
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

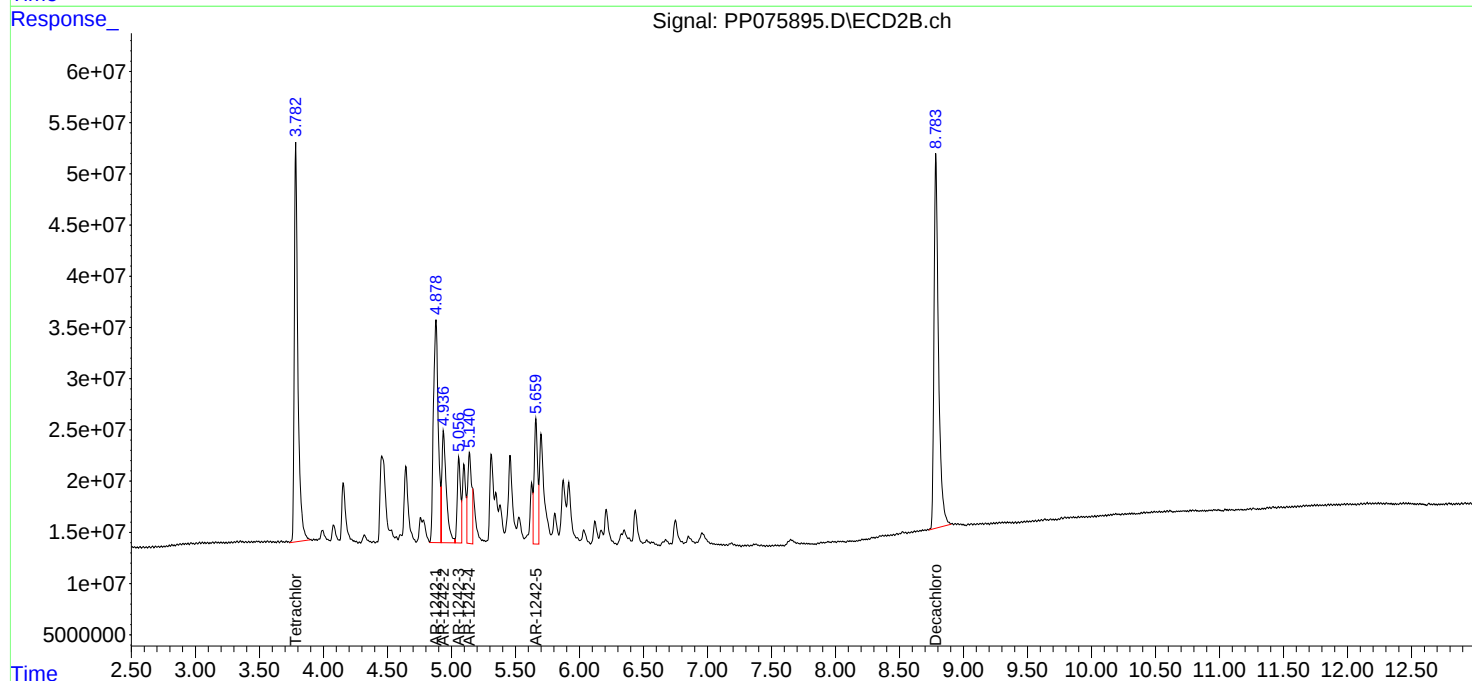
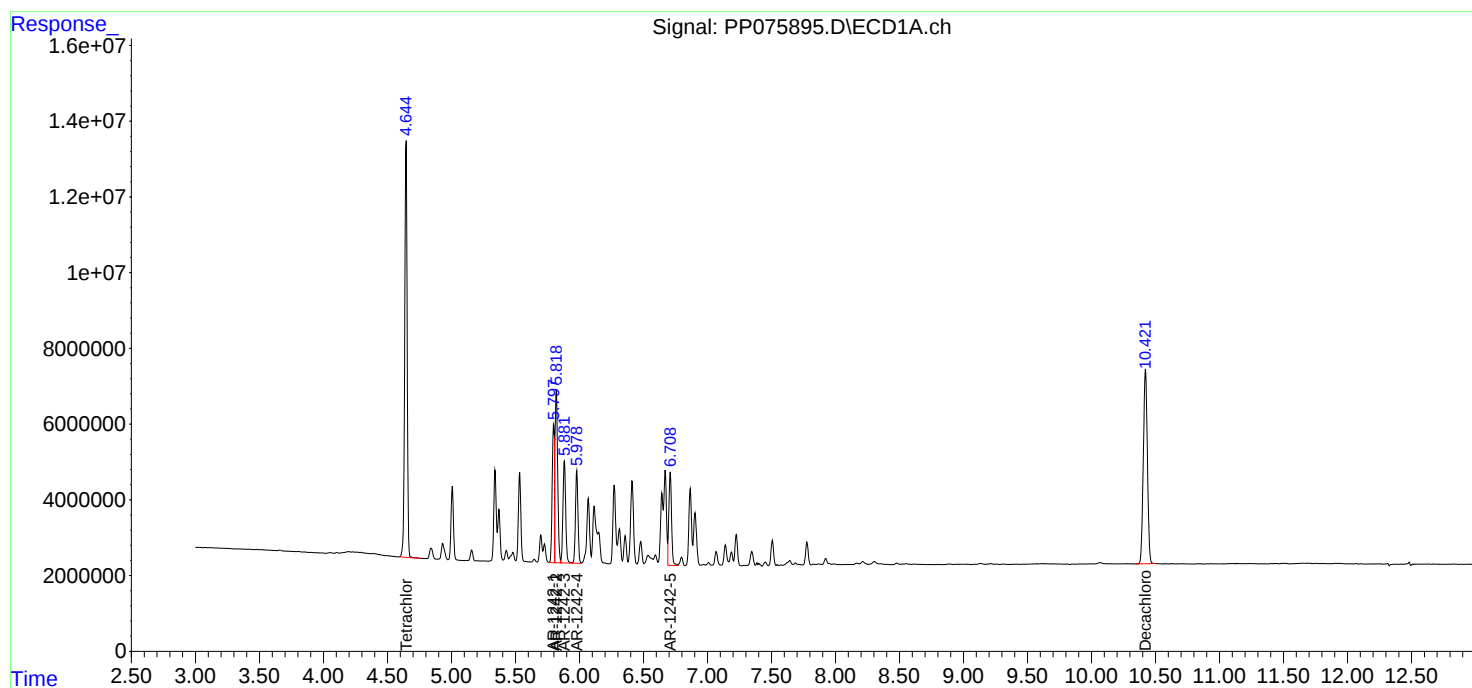
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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\PP102125\
 Data File : PP075896.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 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 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:03:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:53:53 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...	4.644	3.782	113.4E6	556.3E6	75.213	74.705
2)	SA Decachlor...	10.420	8.782	90695948	674.5E6	76.069	74.966
Target Compounds							
16)	L4 AR-1242-1	5.797	4.877	34736600	441.3E6	755.090	753.335
17)	L4 AR-1242-2	5.818	4.936	50786803	202.9E6	748.192	732.177
18)	L4 AR-1242-3	5.881	5.056	31533573	113.0E6	746.210	735.014
19)	L4 AR-1242-4	5.978	5.138	26371655	143.6E6	752.570	715.813m
20)	L4 AR-1242-5	6.708	5.658	28996717	177.7E6	743.785	750.134

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075896.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:16
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

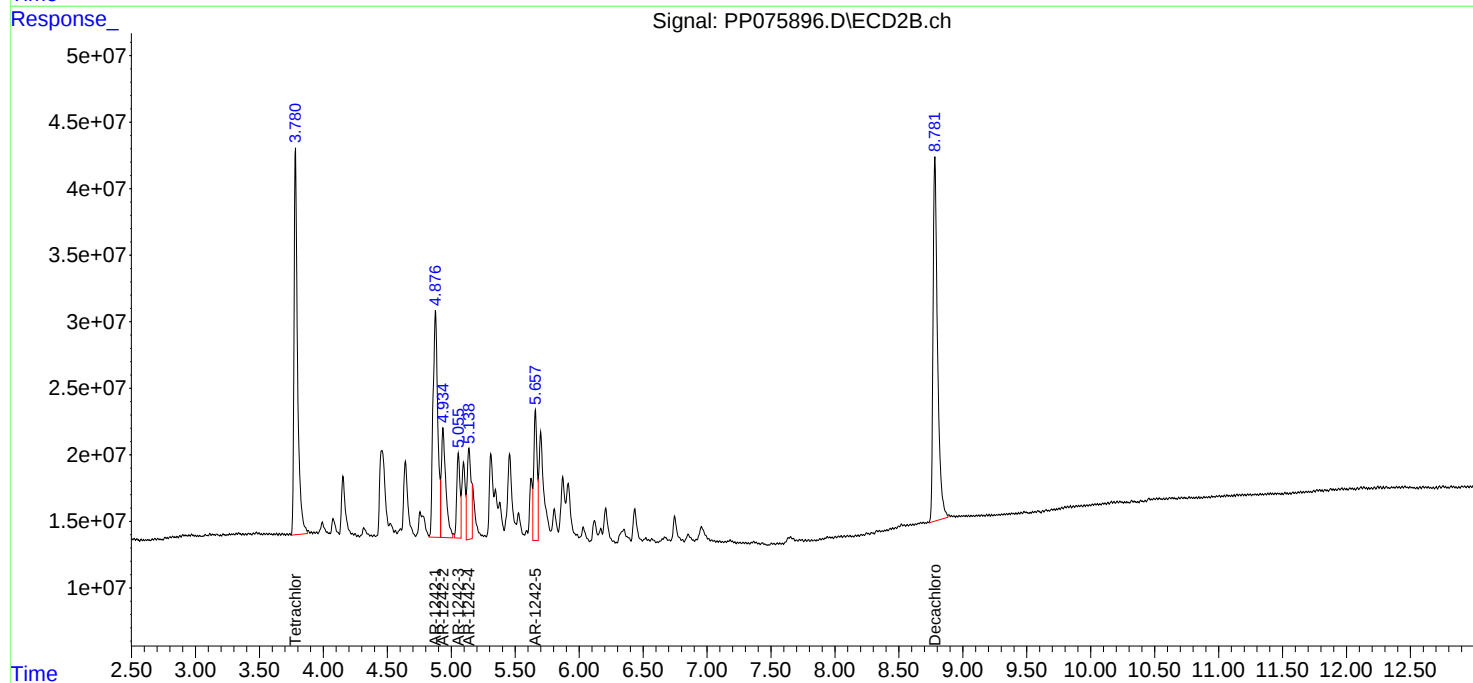
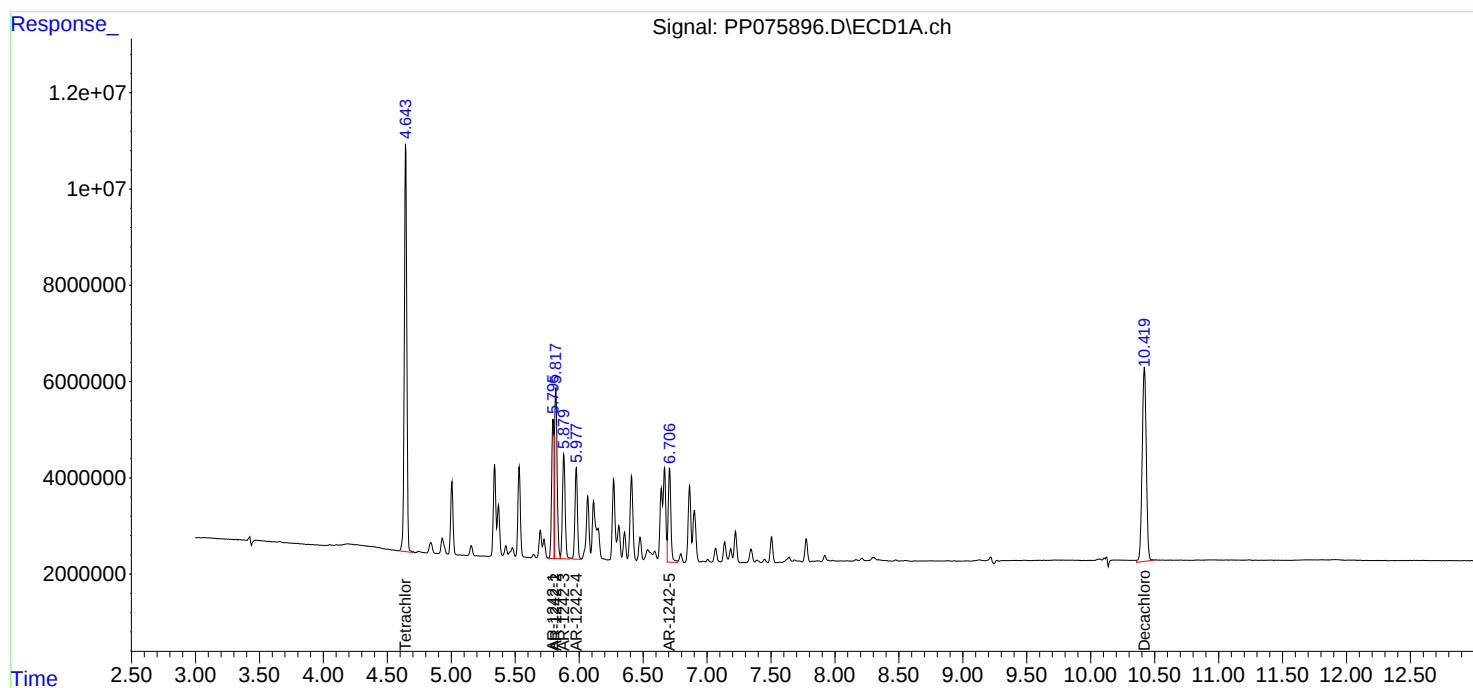
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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\PP102125\
 Data File : PP075897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 11:48
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:54:12 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:53:53 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...	4.647	3.784	77291283	368.3E6	50.000	50.000
2)	SA Decachlor...	10.422	8.785	61563948	454.7E6	50.000	50.000
Target Compounds							
16)	L4 AR-1242-1	5.799	4.880	23837208	298.9E6	498.805	500.000
17)	L4 AR-1242-2	5.821	4.938	35489778	144.6E6	500.000	500.000
18)	L4 AR-1242-3	5.884	5.059	22294823	81084867	500.000	500.000
19)	L4 AR-1242-4	5.981	5.141	18210300	105.4E6	500.000	515.181m
20)	L4 AR-1242-5	6.710	5.660	20944311	122.1E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075897.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 11:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

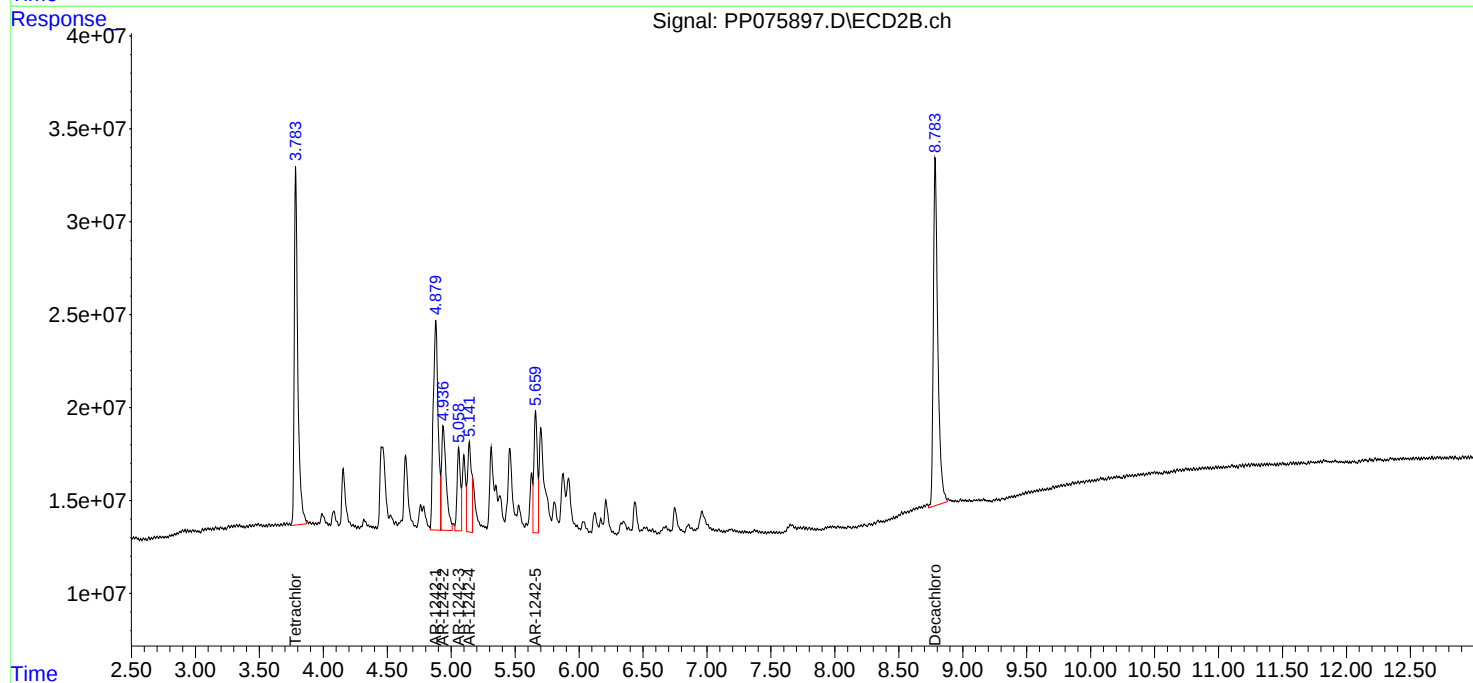
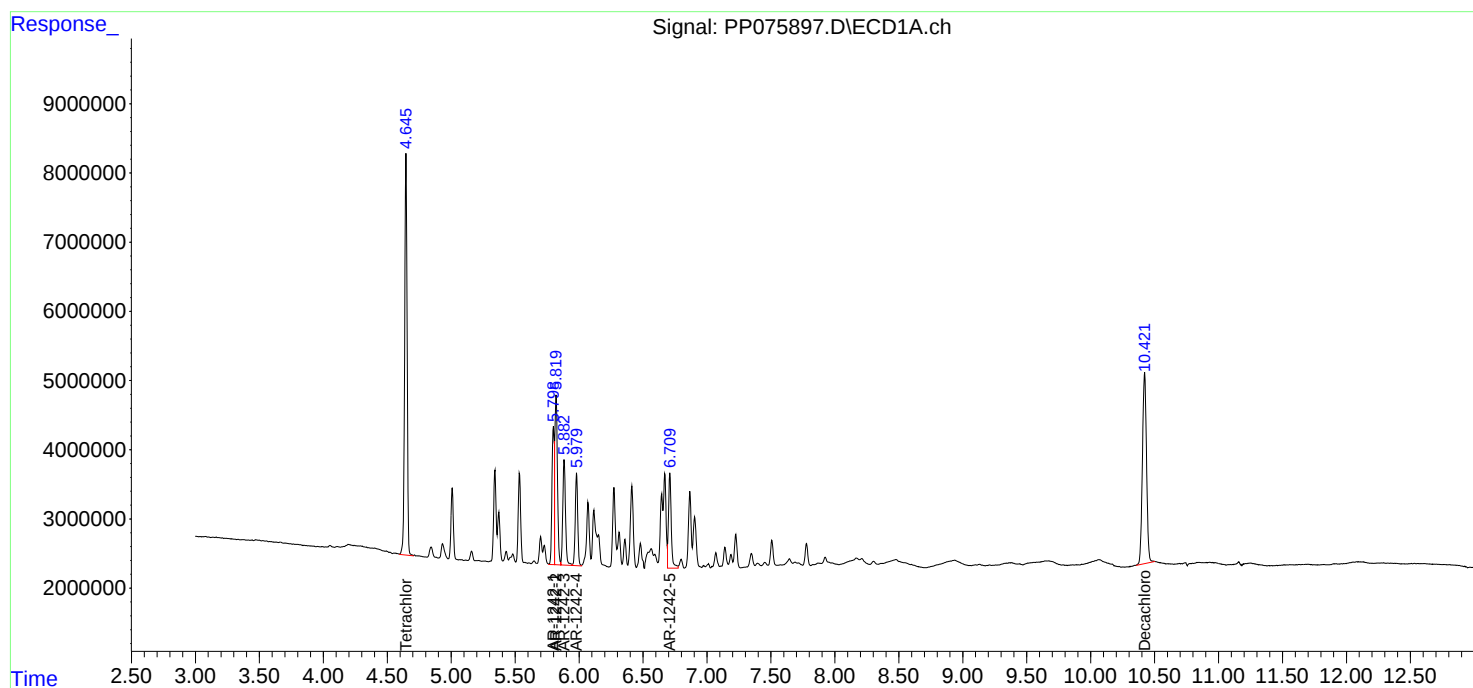
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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\PP102125\
 Data File : PP075898.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 12:04
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:06:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:53:53 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...	4.645	3.783	39880193	180.0E6	26.064	24.377
2)	SA Decachlor...	10.420	8.782	32230064	227.8E6	26.494	25.240
Target Compounds							
16)	L4 AR-1242-1	5.797	4.880	12563771	142.4E6	266.938	244.850
17)	L4 AR-1242-2	5.819	4.936	18441812	72837046	265.919	259.532
18)	L4 AR-1242-3	5.881	5.057	11783758	39428697	271.031	254.795
19)	L4 AR-1242-4	5.979	5.139	9241965	47817696	260.164	239.194m
20)	L4 AR-1242-5	6.707	5.659	9824013	58740602	248.605m	248.450

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075898.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:04
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

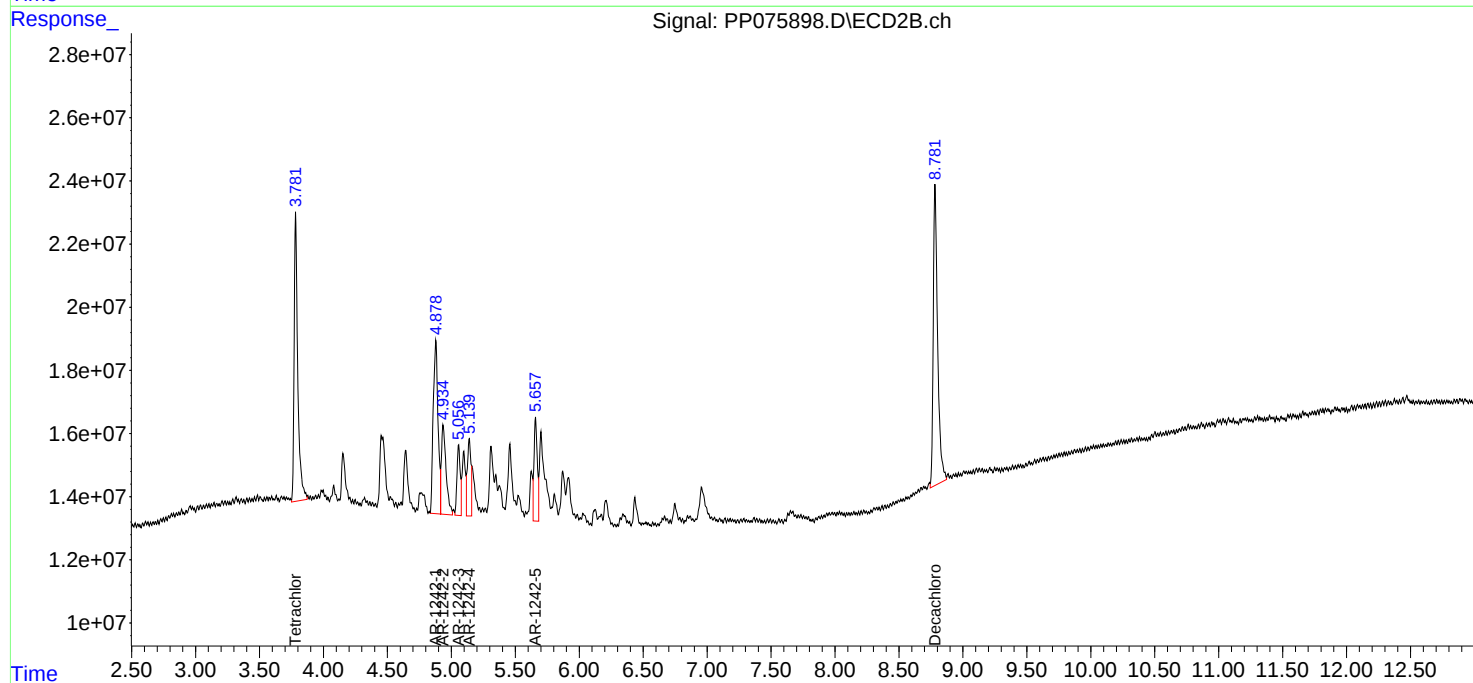
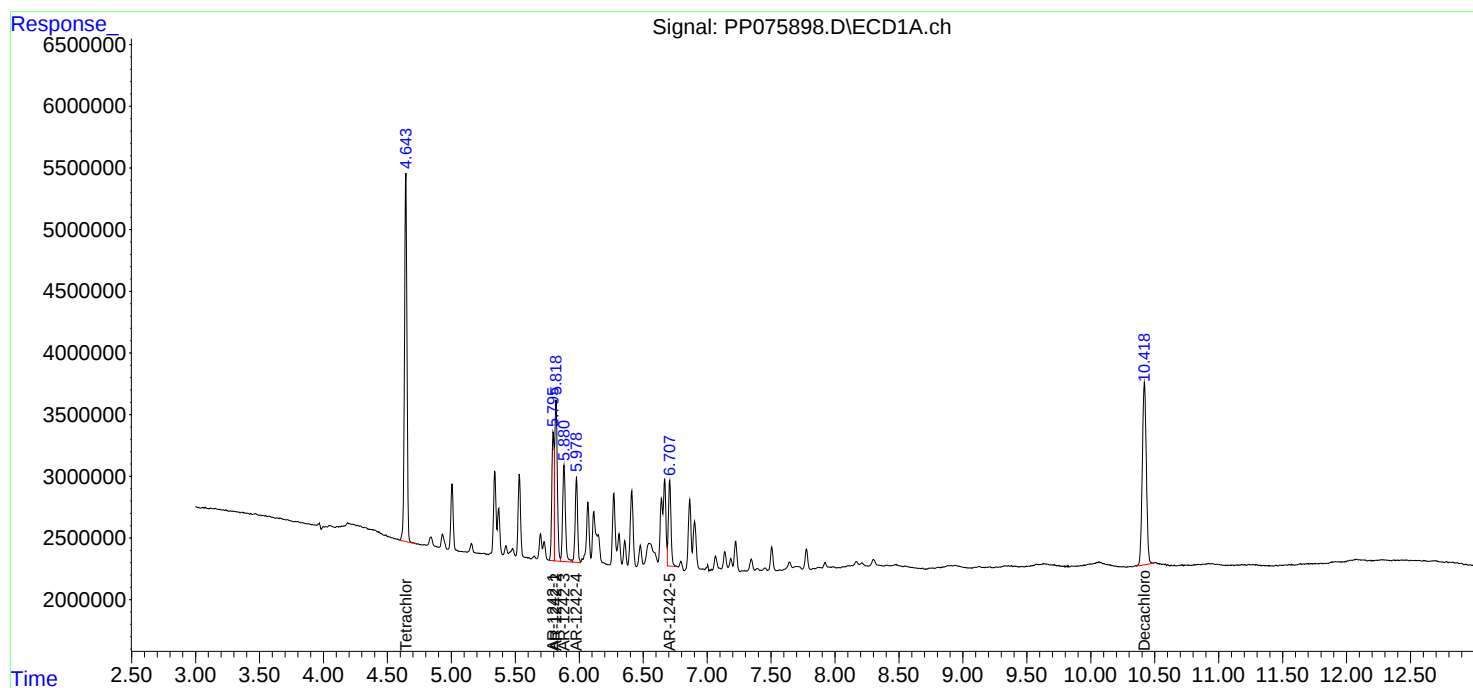
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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\PP102125\
 Data File : PP075899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 12:21
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:10:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:53:53 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...	4.646	3.783	7865219	30617105	5.112	4.301m
2)	SA Decachlor...	10.422	8.783	6789035	46546691	5.454	5.125
Target Compounds							
16)	L4 AR-1242-1	5.798	4.882	2563442	27339514	53.509	47.567
17)	L4 AR-1242-2	5.820	4.939	3827668	13248287	54.069	47.740
18)	L4 AR-1242-3	5.883	5.054	2714945	8403556	59.484	53.386
19)	L4 AR-1242-4	5.979	5.138	1985121	6837014	54.597	36.934 #
20)	L4 AR-1242-5	6.708	5.660	2423381	10273735	59.725m	44.622 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

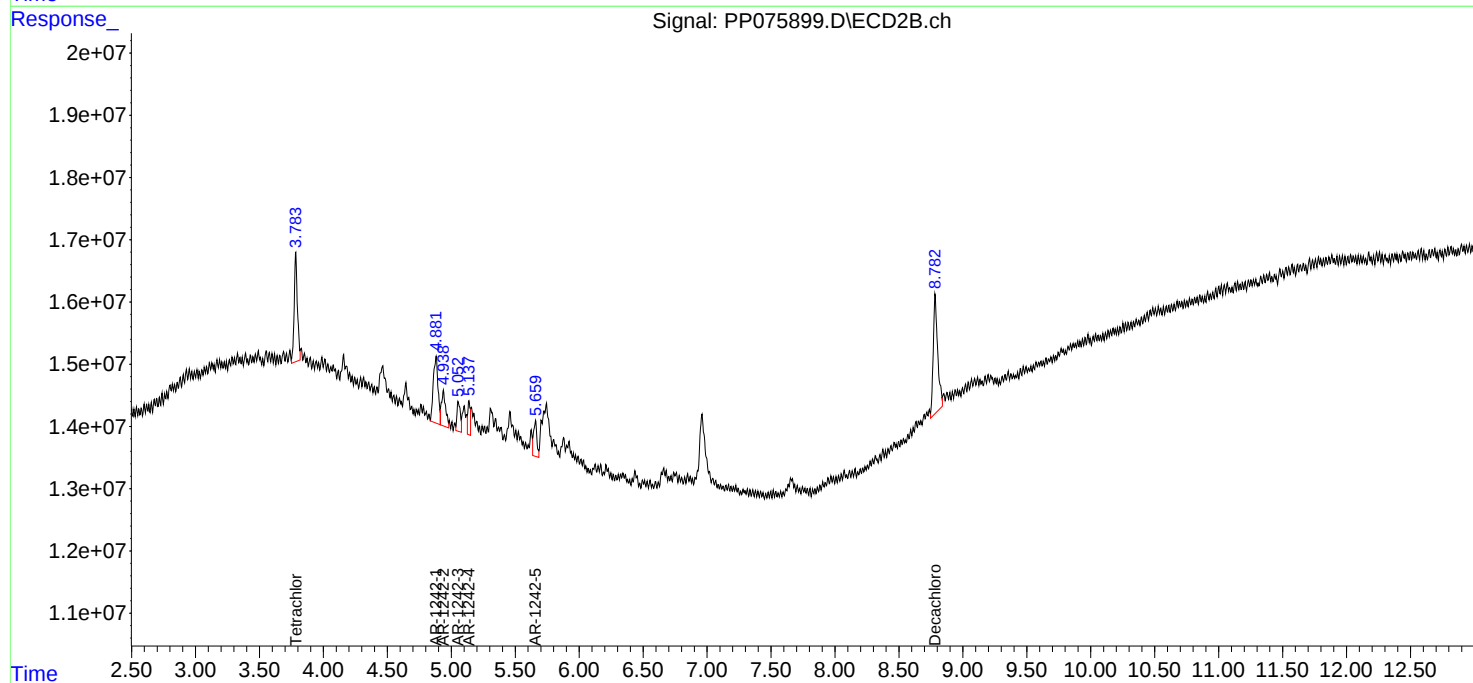
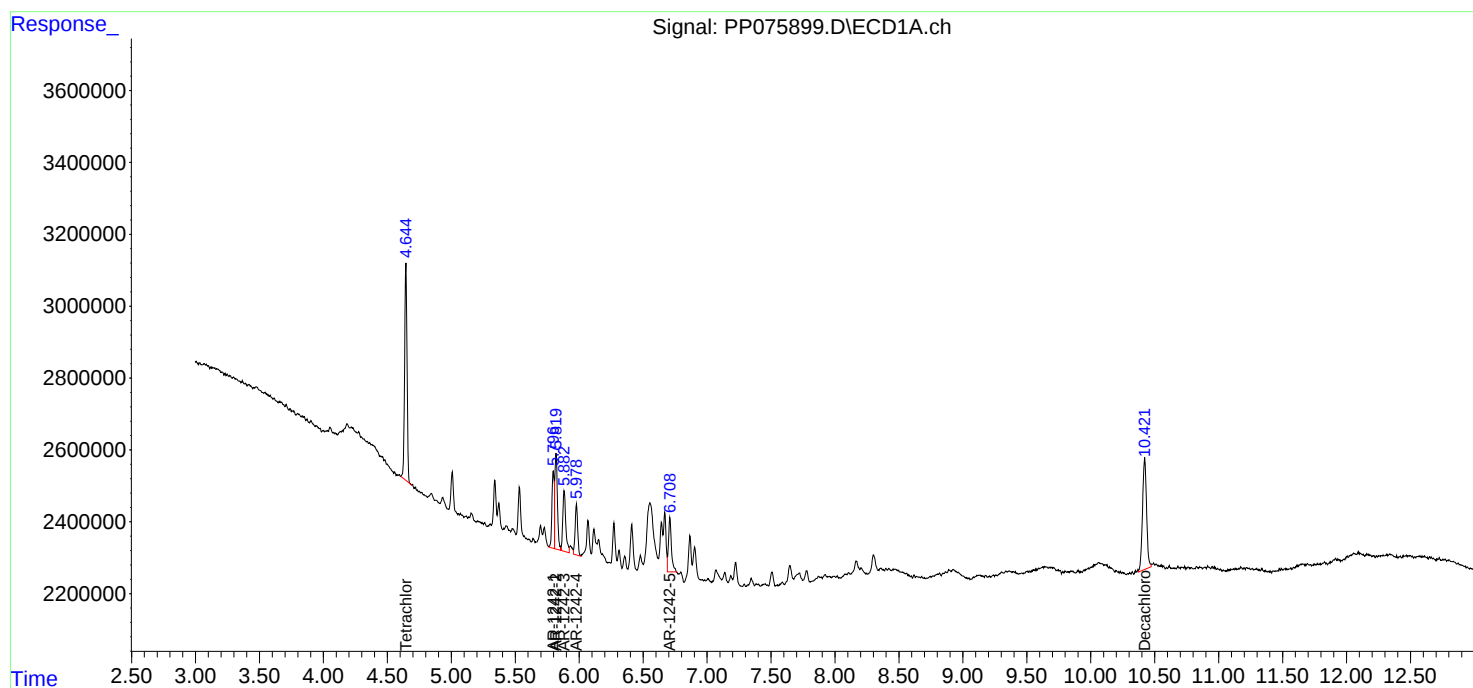
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 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\PP102125\
 Data File : PP075900.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 12:41
 Operator : YP\AJ
 Sample : AR1248ICC1000
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 14:17:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 14:13:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.647	3.780	146.9E6	734.4E6	97.039	99.403
2) SA Decachlor...	10.426	8.783	114.1E6	899.5E6	95.681	98.496
Target Compounds						
21) L5 AR-1248-1	5.799	4.876	33471805	362.9E6	950.427	965.133
22) L5 AR-1248-2	6.071	5.095	44816839	226.9E6	951.326	964.032
23) L5 AR-1248-3	6.274	5.136	49477903	258.9E6	894.849	947.454m
24) L5 AR-1248-4	6.672	5.309	60435029	264.9E6	944.739	969.626
25) L5 AR-1248-5	6.711	5.698	58134534	532.0E6	941.586	994.127

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075900.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:41
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

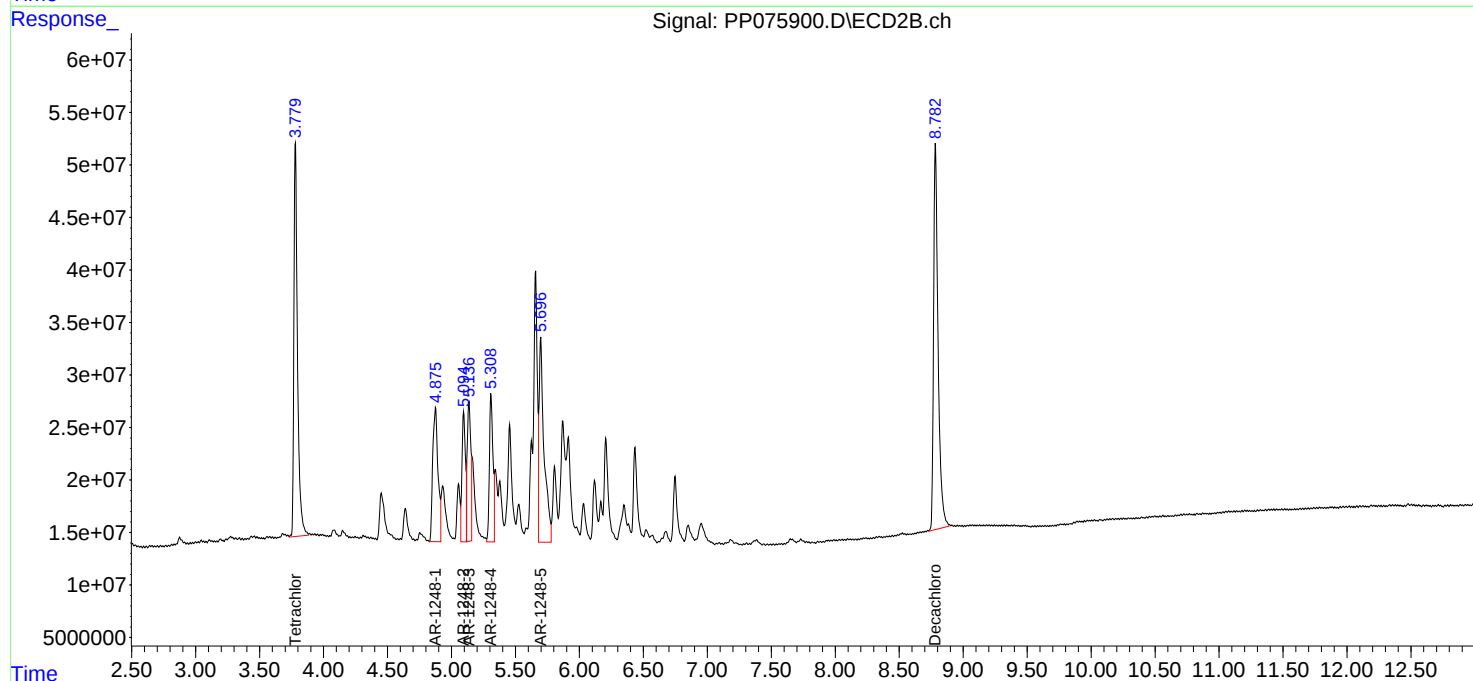
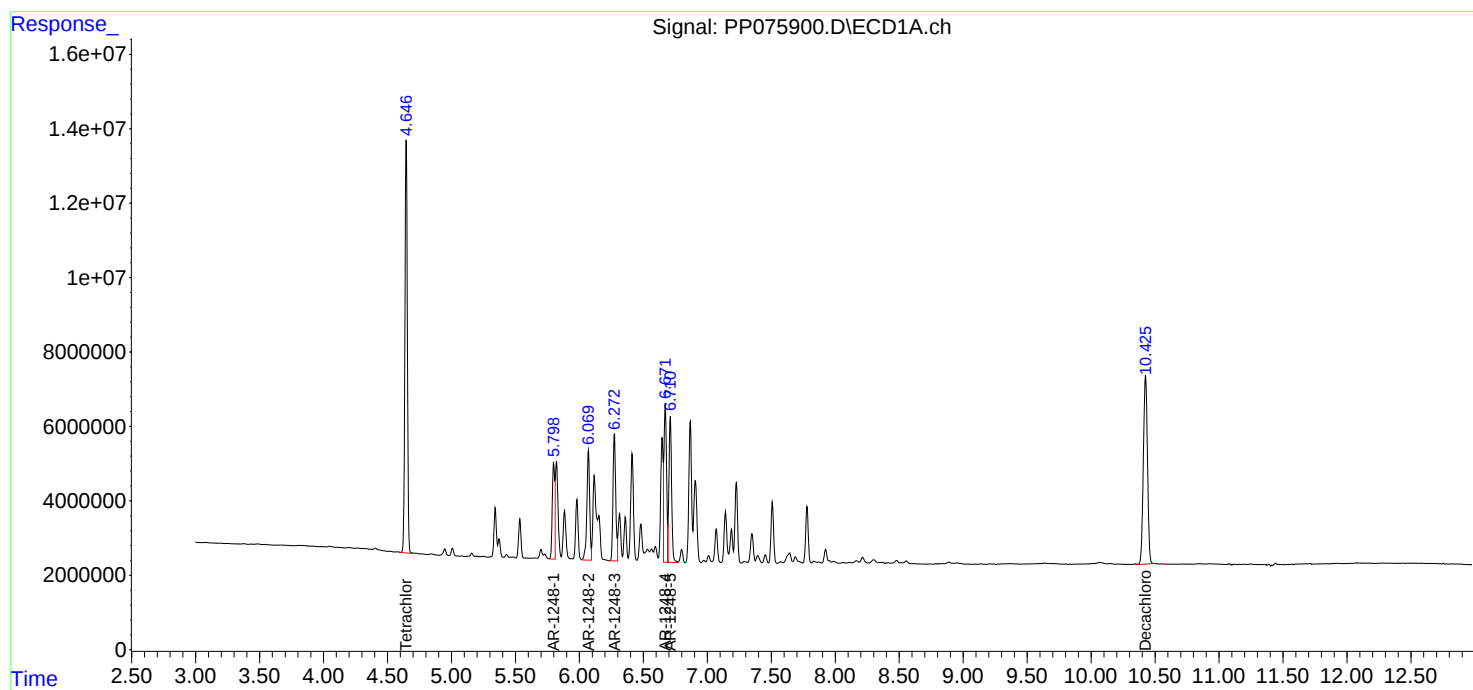
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 12:57
 Operator : YP\AJ
 Sample : AR1248ICC750
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC750

Manual Integrations
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Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 14:20:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 14:13:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.644	3.784	114.7E6	562.2E6	75.534	75.729
2) SA Decachlor...	10.422	8.784	89301082	688.2E6	74.939	75.236
Target Compounds						
21) L5 AR-1248-1	5.797	4.879	26839141	281.7E6	758.019	749.338
22) L5 AR-1248-2	6.068	5.099	35688032	181.4E6	755.016	763.662
23) L5 AR-1248-3	6.271	5.139	39334925	200.6E6	723.821	728.506m
24) L5 AR-1248-4	6.670	5.311	48125398	216.4E6	751.539	777.551
25) L5 AR-1248-5	6.709	5.701	46284863	398.2E6	749.774	746.121

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075901.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 12:57
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

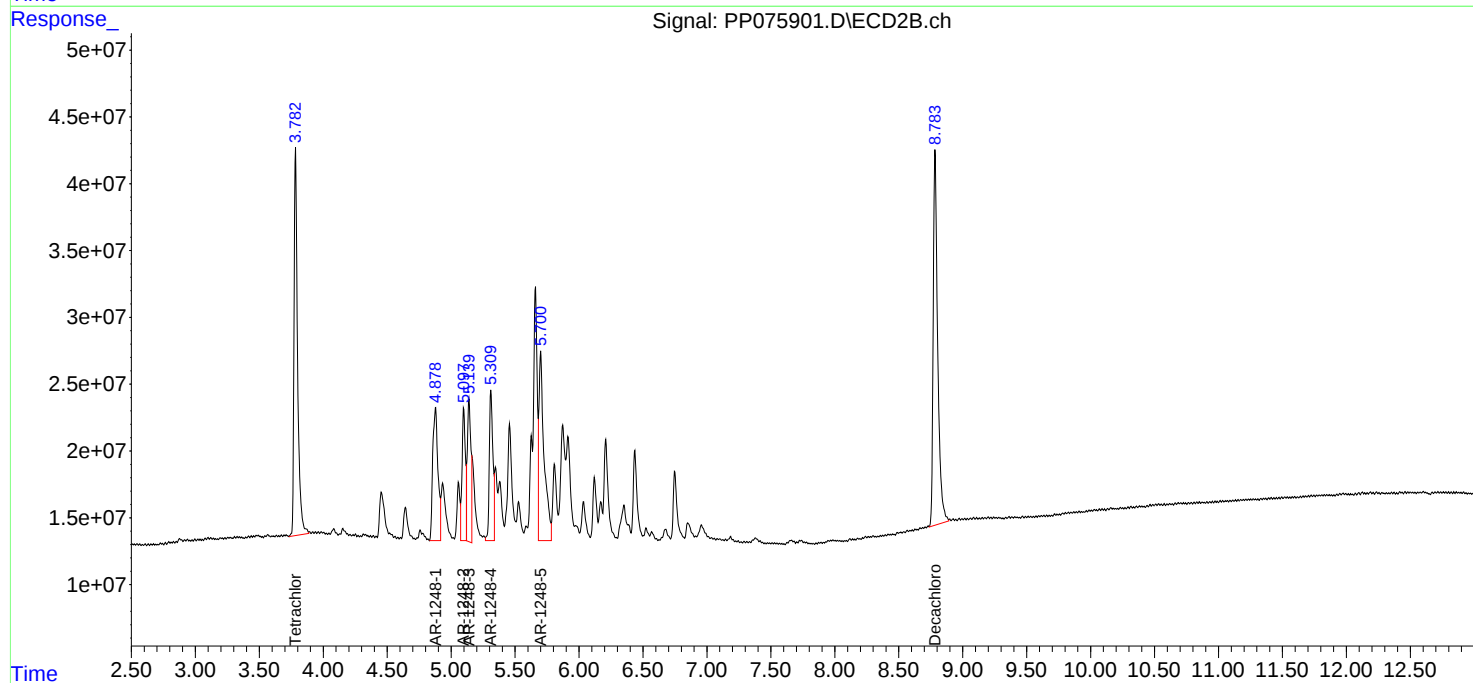
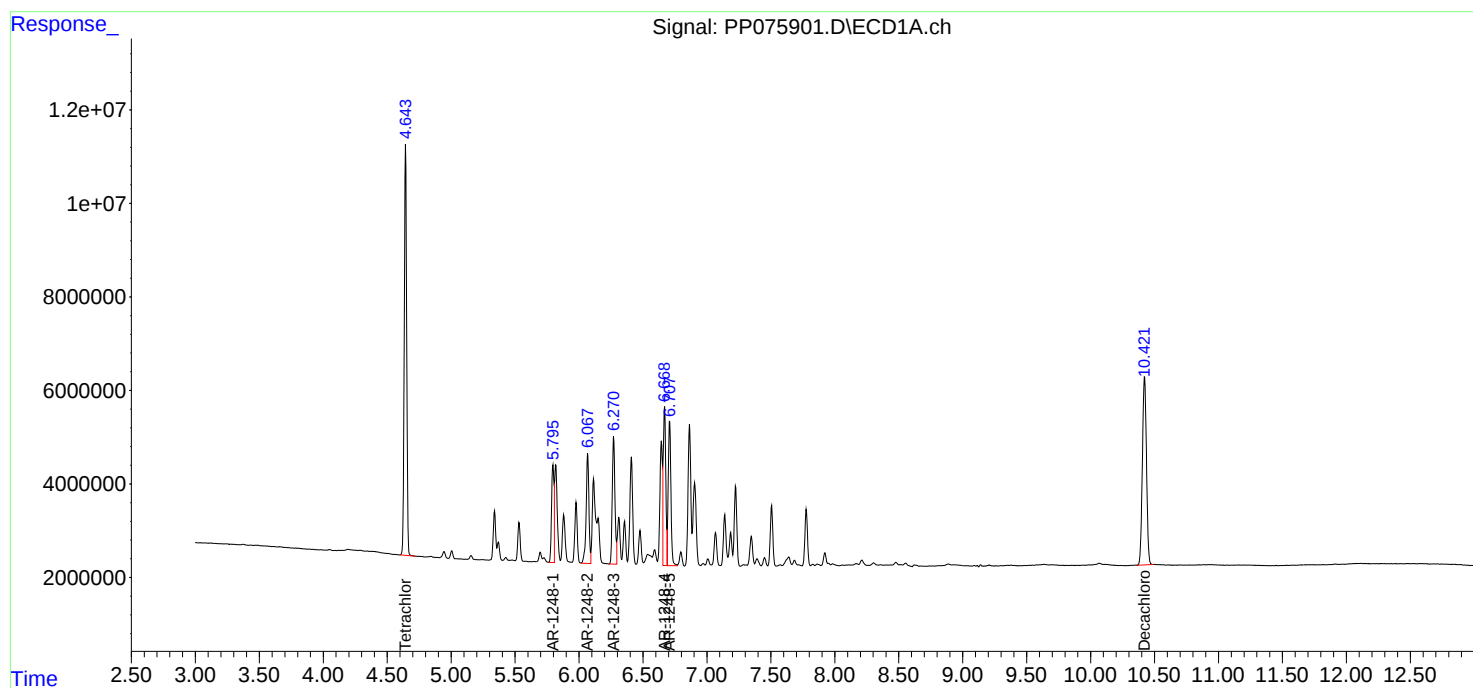
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

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Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:20:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075902.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 13:13
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Manual Integrations
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Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 14:13:37 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 14:13:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.645	3.784	77916247	371.6E6	50.000	50.000
2)	SA Decachlor...	10.424	8.784	62181174	463.5E6	50.000	50.000
Target Compounds							
21)	L5 AR-1248-1	5.798	4.877	18481760	194.6E6	500.000	500.000
22)	L5 AR-1248-2	6.069	5.098	24701455	121.9E6	500.000	500.000
23)	L5 AR-1248-3	6.273	5.138	30552968	143.0E6	500.000	491.112m
24)	L5 AR-1248-4	6.671	5.312	33752591	140.8E6	500.000	500.000
25)	L5 AR-1248-5	6.710	5.701	32673818	269.1E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075902.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:13
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

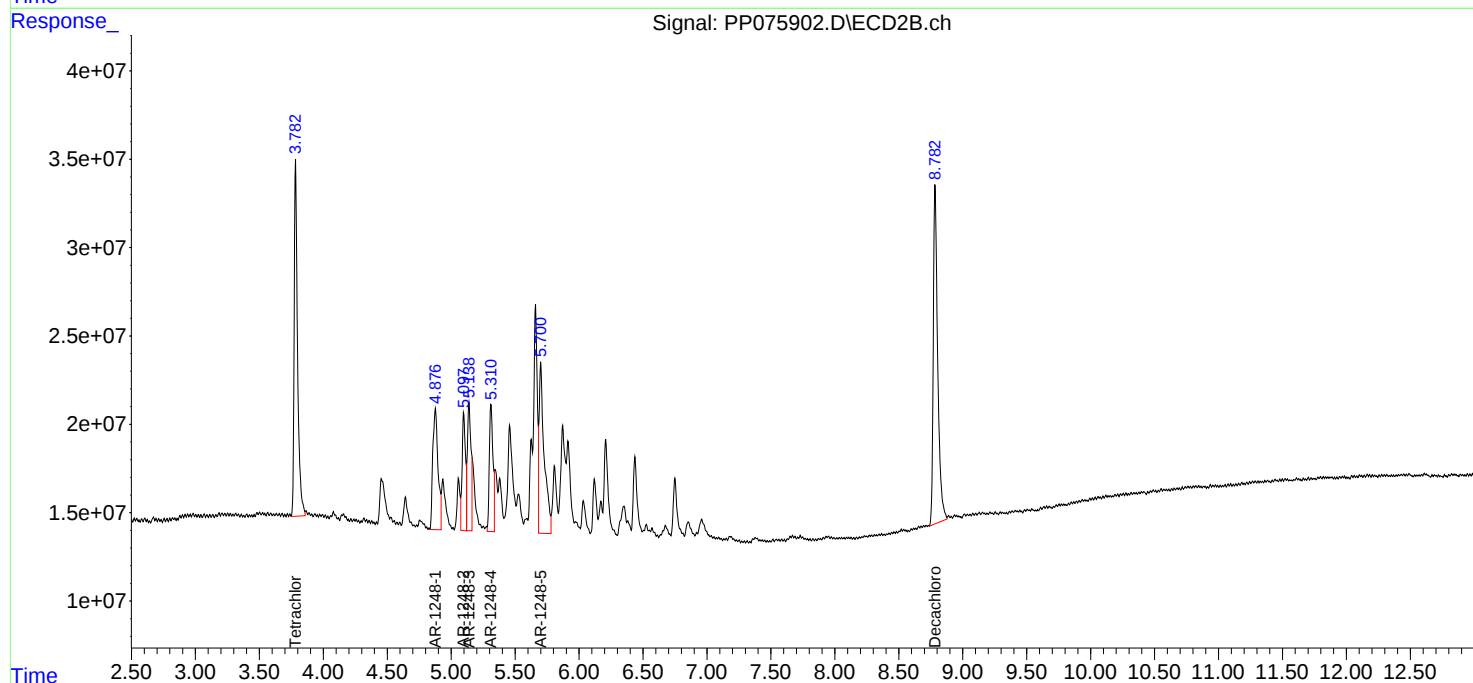
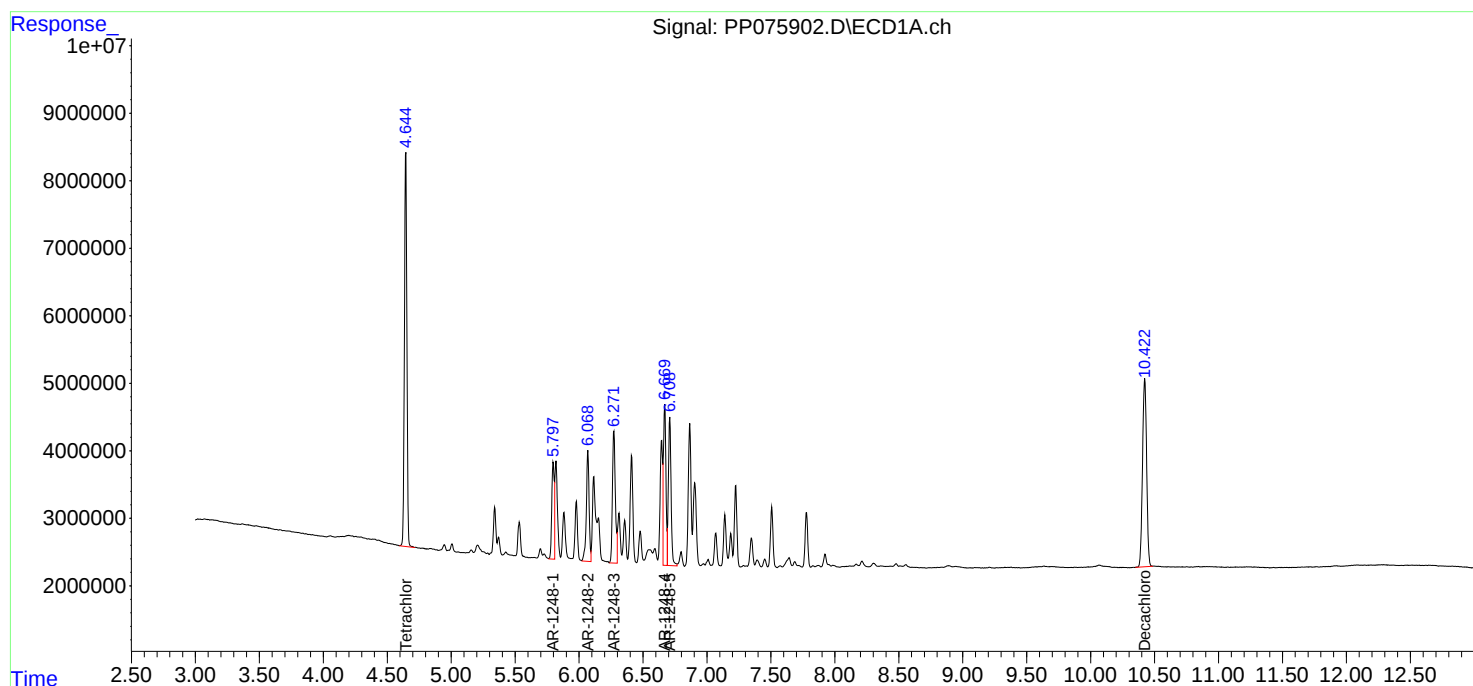
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

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Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:13:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075903.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 13:30
 Operator : YP\AJ
 Sample : AR1248ICC250
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC250

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Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 14:24:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 14:13:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.646	3.783	40662408	178.1E6	26.305	24.238
2) SA Decachlor...	10.423	8.784	32672168	226.3E6	26.770	24.802
Target Compounds						
21) L5 AR-1248-1	5.799	4.878	9780476	97652835	269.170	257.276
22) L5 AR-1248-2	6.070	5.099	13110467	64450290	269.977	265.662
23) L5 AR-1248-3	6.273	5.138	14333820	75193193	260.182	273.023m
24) L5 AR-1248-4	6.671	5.312	18043522	71202640	273.096	254.322
25) L5 AR-1248-5	6.710	5.701	17824378	145.0E6	277.971	265.917

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:30
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

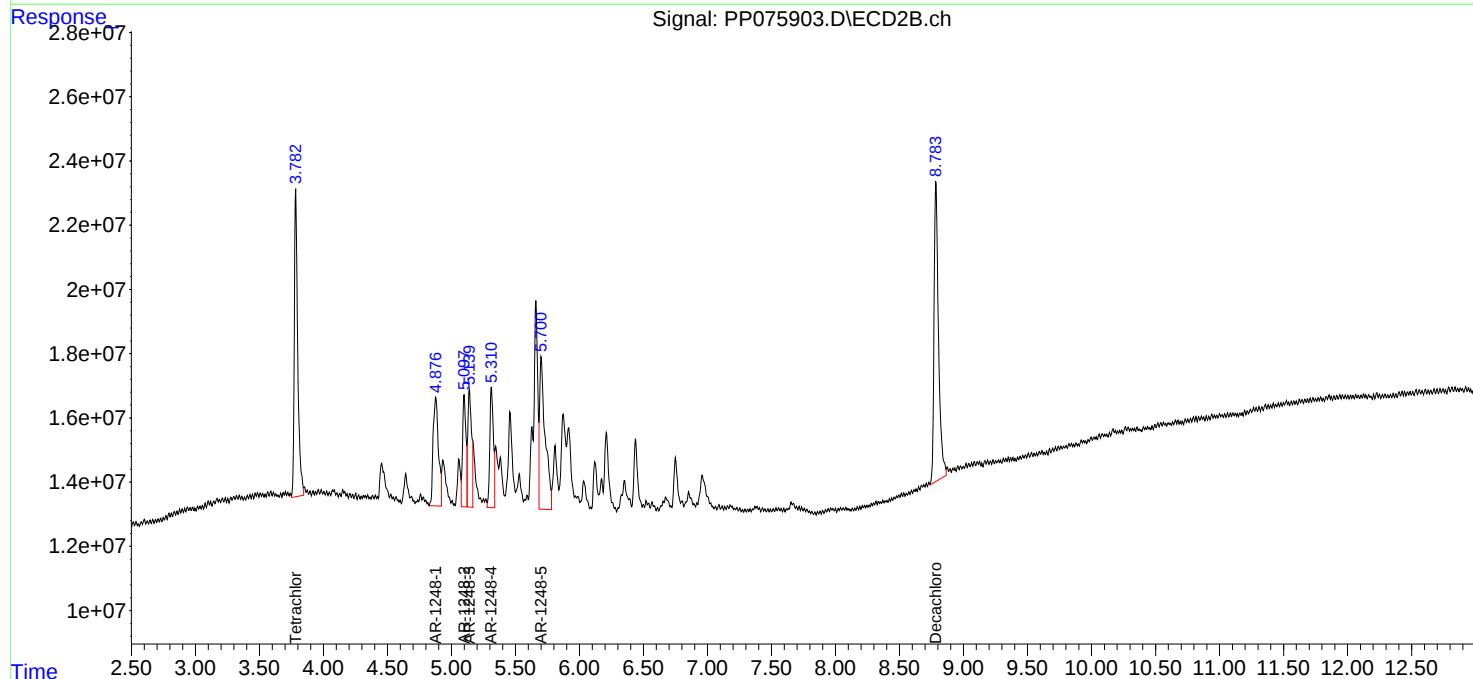
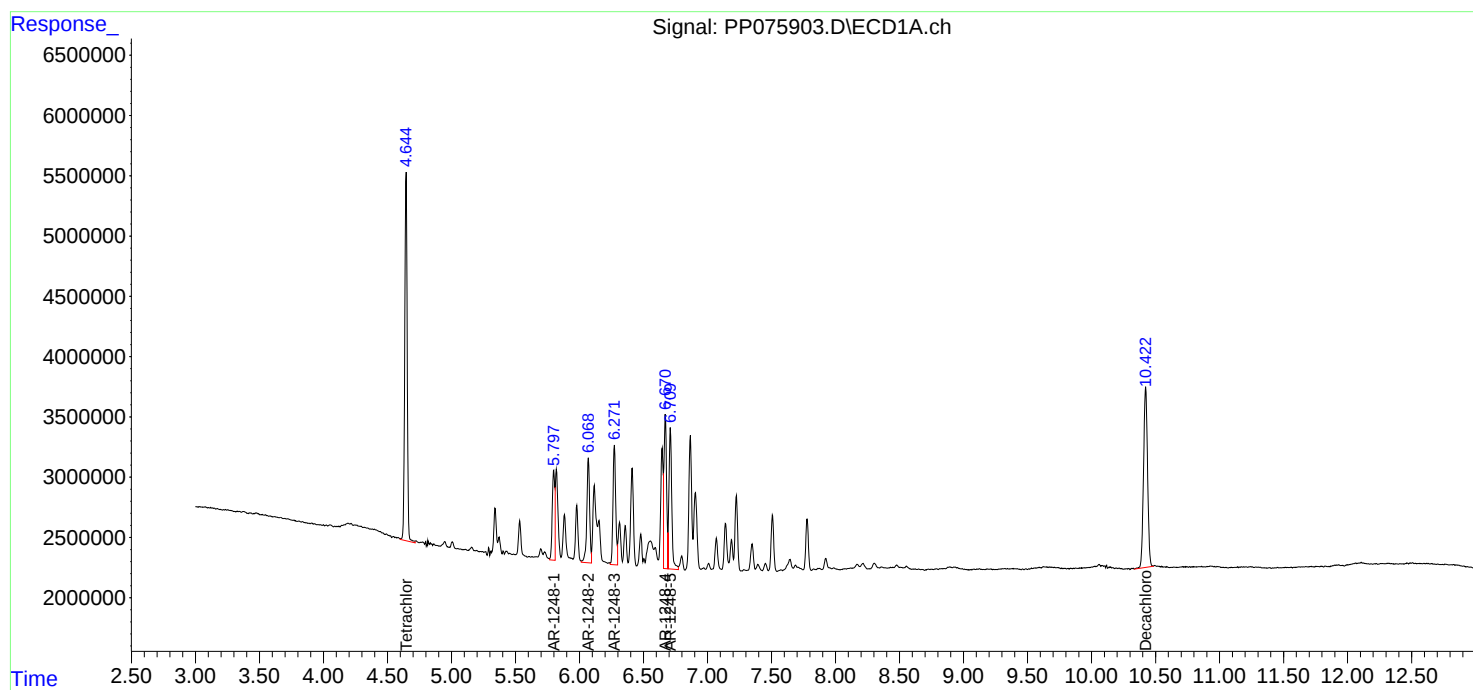
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

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Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:24:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075904.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 13:46
 Operator : YP\AJ
 Sample : AR1248ICC050
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 14:29:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 14:13:23 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.645	3.780	7254273	27080772	4.751	3.914m
2) SA Decachlor...	10.422	8.783	6253432	36720401	5.099	4.188
Target Compounds						
21) L5 AR-1248-1	5.798	4.873	1700512	17991268	47.407	47.898
22) L5 AR-1248-2	6.069	5.101	2473817	12956514	50.751	52.688
23) L5 AR-1248-3	6.273	5.138	2547901	16065921	46.953	56.000
24) L5 AR-1248-4	6.669	5.313	3376964	14683789	49.218m	51.704m
25) L5 AR-1248-5	6.708	5.730	3390515	20852592	50.206m	38.783m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075904.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 13:46
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

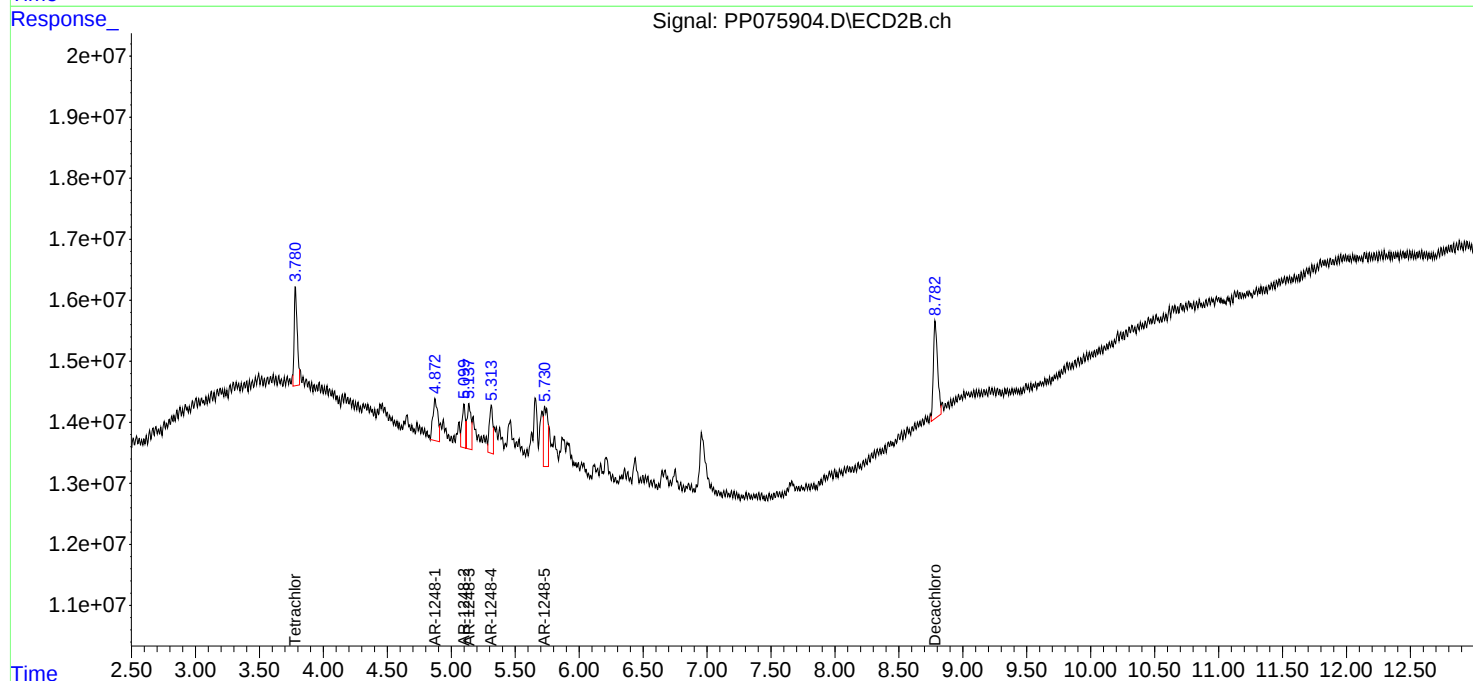
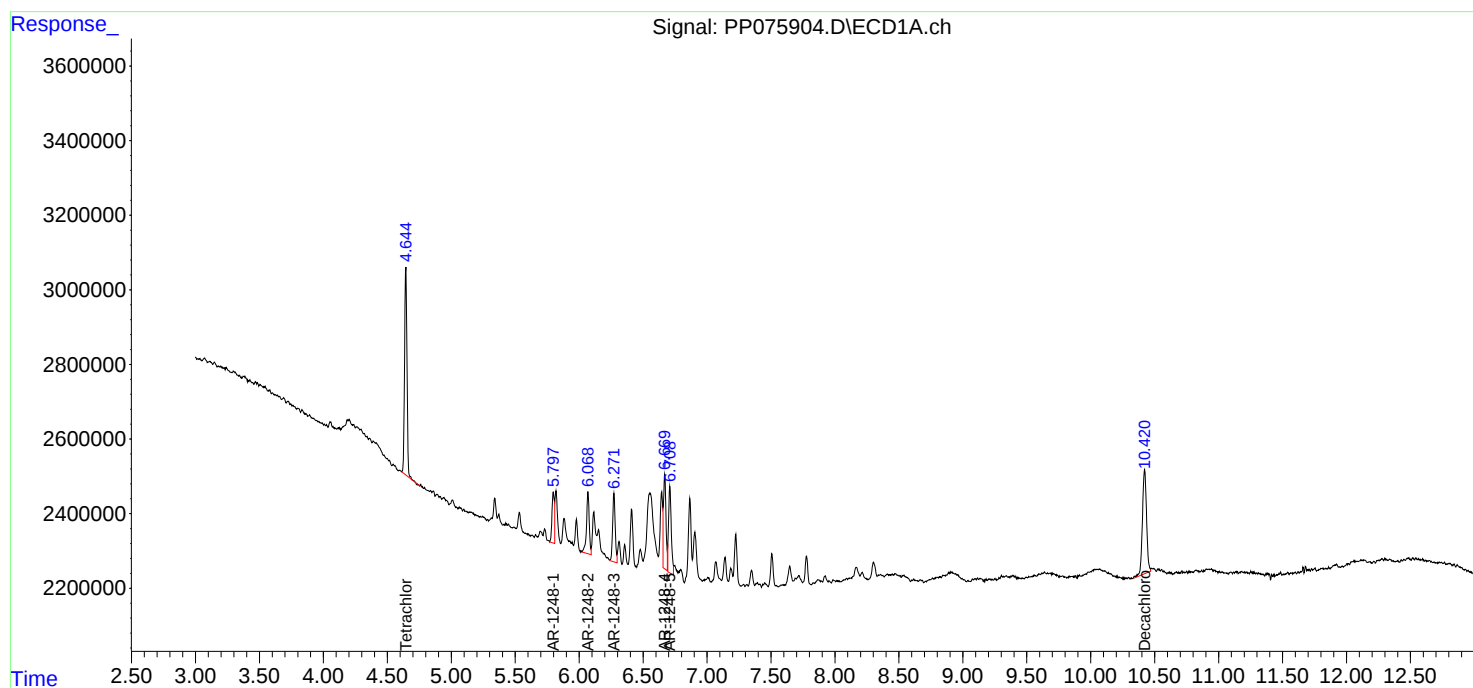
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 14:29:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 14:13:23 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075905.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 14:02
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 15:57:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 15:24:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.646	3.783	149.9E6	746.7E6	97.273	98.623
2)	SA Decachlor...	10.424	8.784	119.5E6	929.4E6	95.942	97.673
Target Compounds							
26)	L6 AR-1254-1	6.646	5.662	66261960	570.9E6	872.670m	970.606
27)	L6 AR-1254-2	6.864	5.809	87851253	484.3E6	952.211	965.216
28)	L6 AR-1254-3	7.226	6.211	92035771	866.8E6	959.587	985.524
29)	L6 AR-1254-4	7.509	6.437	73136868	656.6E6	959.001	987.570
30)	L6 AR-1254-5	7.925	6.854	85440842	714.9E6	961.668	997.772

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075905.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

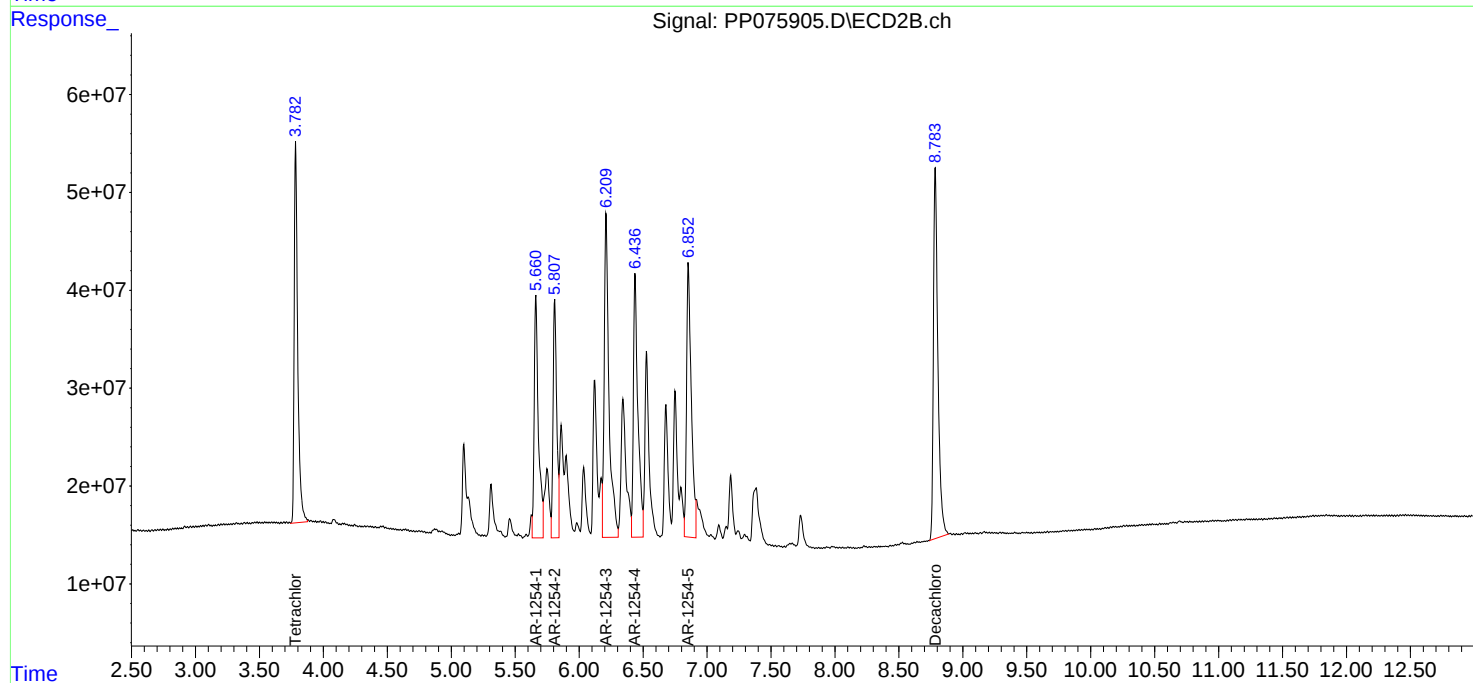
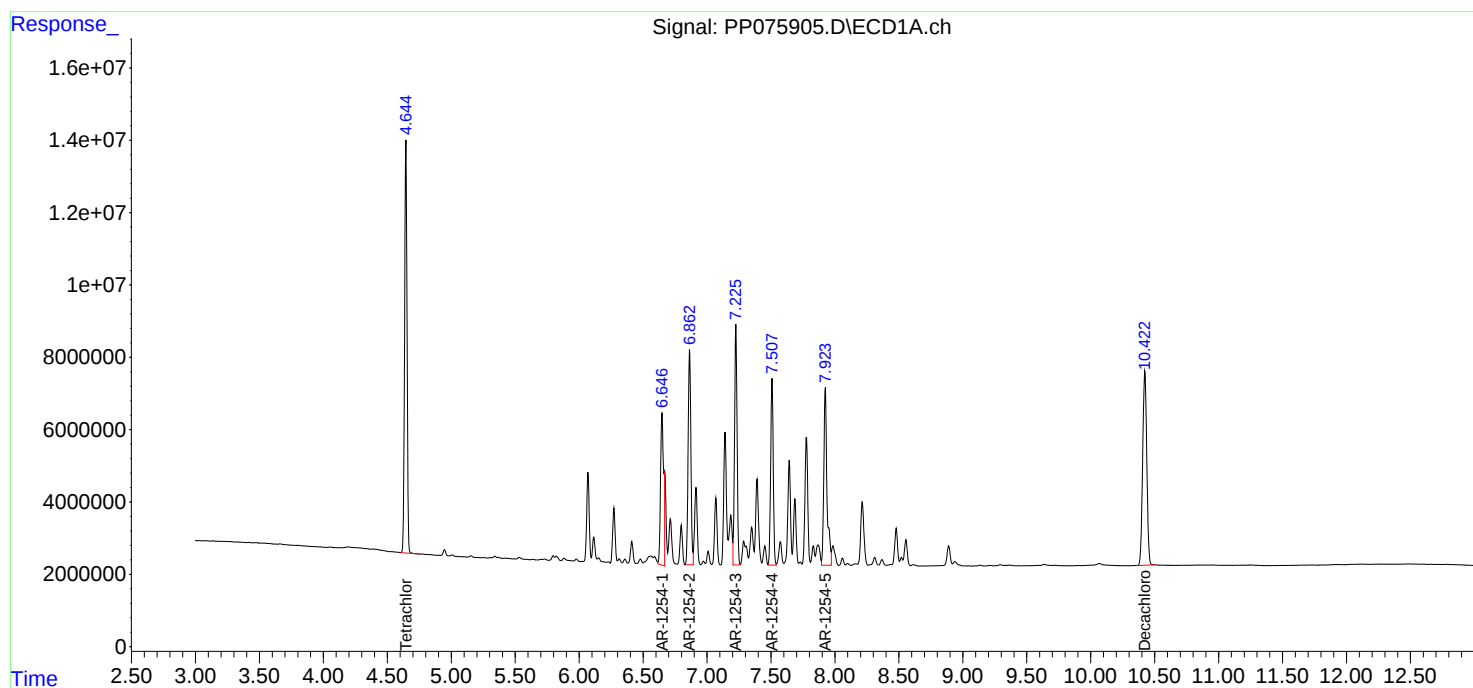
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:57:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075906.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 14:18
 Operator : YP\AJ
 Sample : AR1254ICC750
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC750

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:03:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 15:24:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.644	3.783	116.9E6	582.0E6	75.579	76.230
2)	SA Decachlor...	10.423	8.784	93392685	723.9E6	74.989	75.714
Target Compounds							
26)	L6 AR-1254-1	6.645	5.661	53923759	447.8E6	731.053m	757.518
27)	L6 AR-1254-2	6.863	5.808	69427935	372.6E6	751.680	745.041
28)	L6 AR-1254-3	7.225	6.210	72675518	670.2E6	755.137	757.967
29)	L6 AR-1254-4	7.507	6.436	57517400	515.4E6	752.790	766.592
30)	L6 AR-1254-5	7.923	6.851	67290078	595.4E6	754.900	785.342m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075906.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

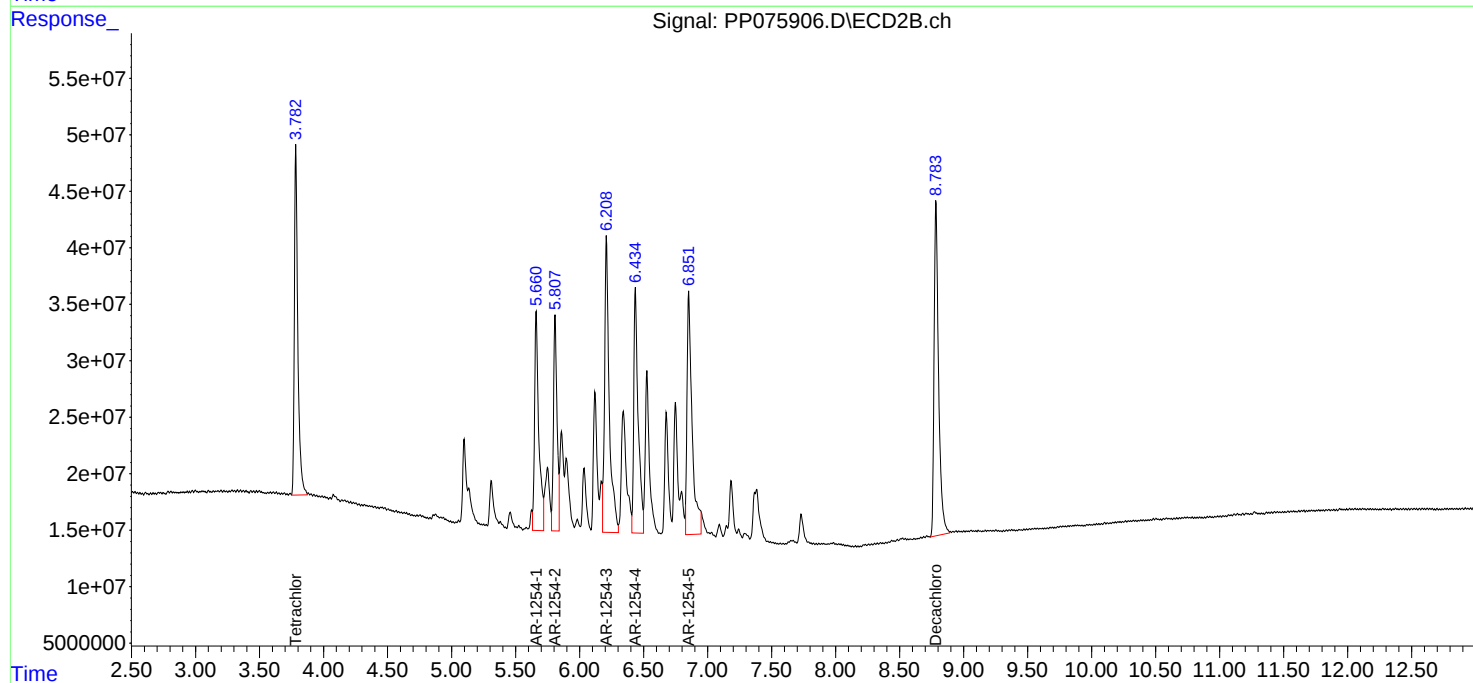
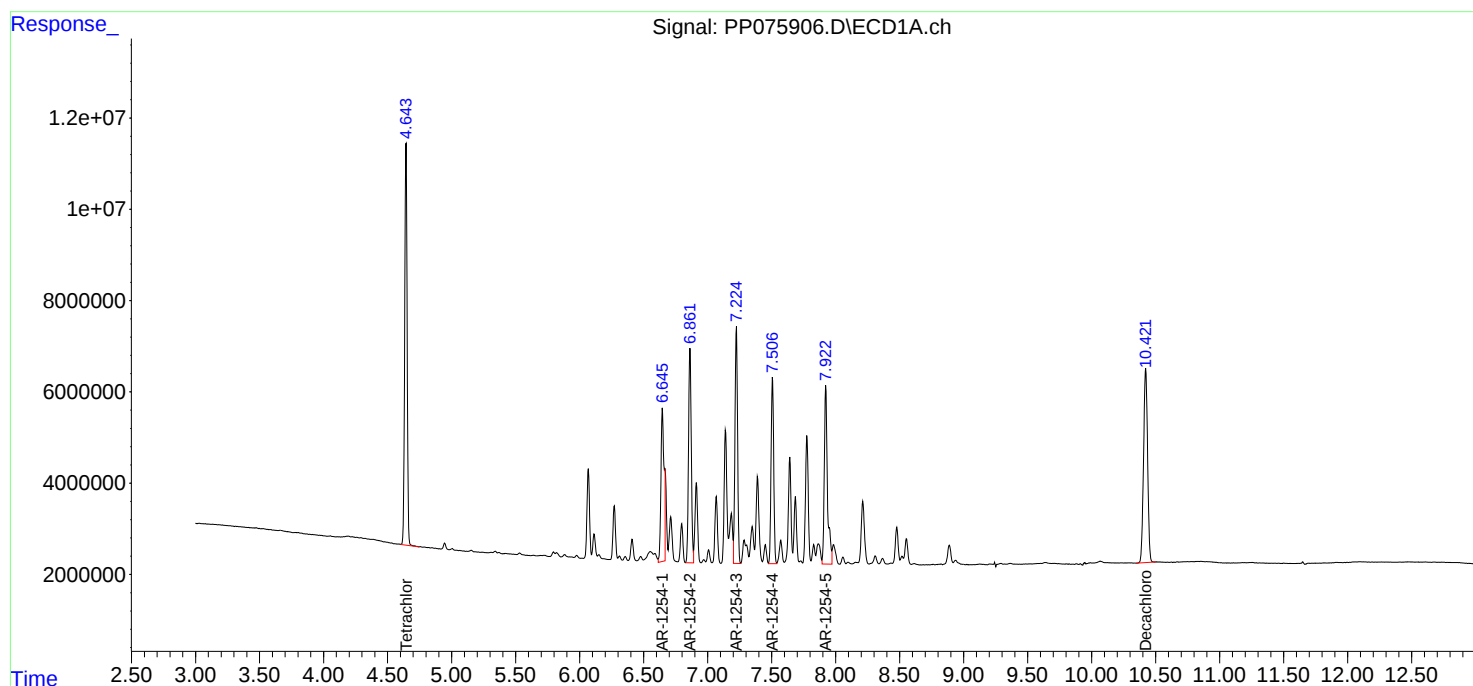
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
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Reviewed By :Yogesh Patel 10/22/2025
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:03:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075907.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 14:35
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 15:24:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 15:24:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.647	3.785	79163213	383.8E6	50.000	50.000
2) SA Decachlor...	10.424	8.785	64802936	486.9E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.648	5.663	39135010	302.7E6	480.703m	500.000
27) L6 AR-1254-2	6.866	5.810	48334685	259.6E6	500.000	500.000
28) L6 AR-1254-3	7.228	6.212	49893996	446.1E6	500.000	500.000
29) L6 AR-1254-4	7.510	6.438	39695143	336.6E6	500.000	500.000
30) L6 AR-1254-5	7.926	6.854	46126096	359.1E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075907.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

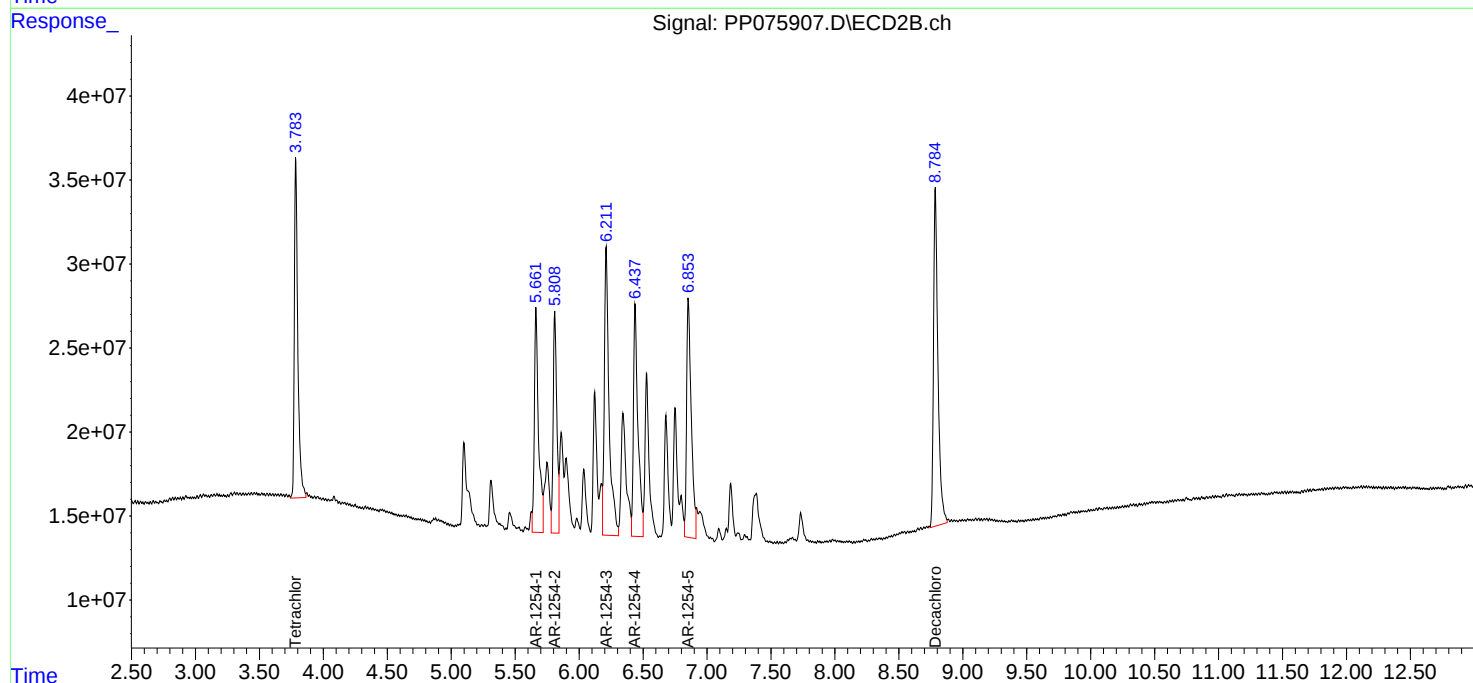
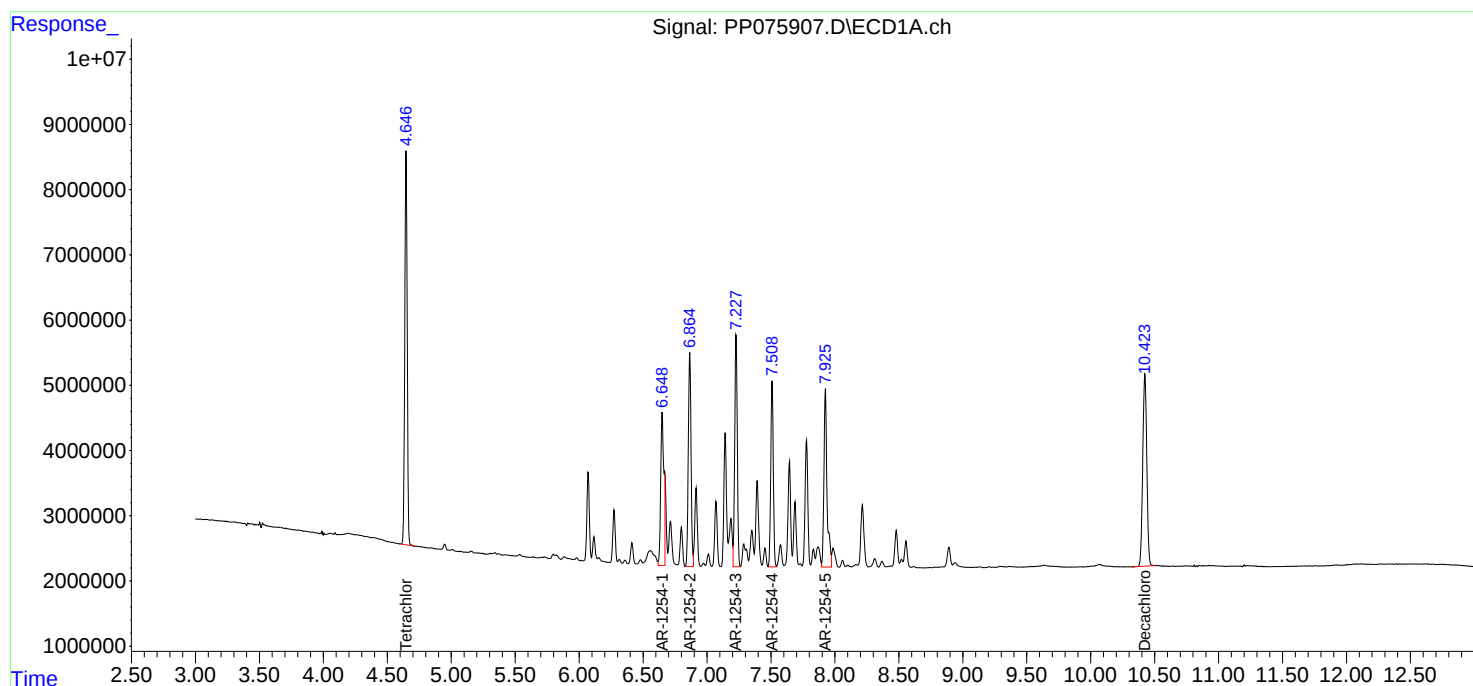
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 15:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075908.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 14:51
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:07:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 15:24:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.646	3.784	40353962	181.6E6	25.803	24.079
2)	SA Decachlor...	10.422	8.784	33314499	235.8E6	26.290	24.742
Target Compounds							
26)	L6 AR-1254-1	6.647	5.662	20616230	146.6E6	278.580m	248.519
27)	L6 AR-1254-2	6.864	5.809	25702390	128.2E6	270.622	254.691
28)	L6 AR-1254-3	7.226	6.210	26497010	218.4E6	268.520	247.733
29)	L6 AR-1254-4	7.508	6.436	20991838	159.2E6	268.108	239.944
30)	L6 AR-1254-5	7.925	6.853	23753414	169.8E6	262.160	233.749

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075908.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 14:51
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

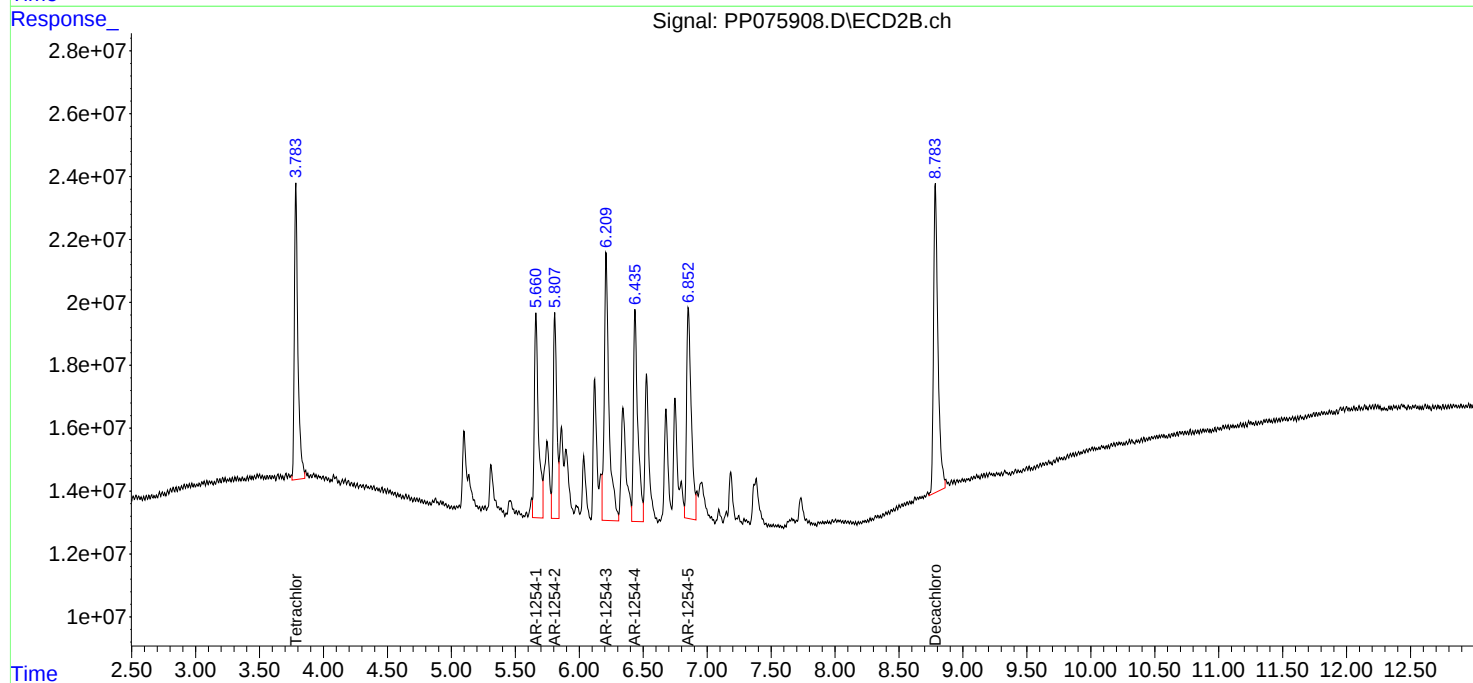
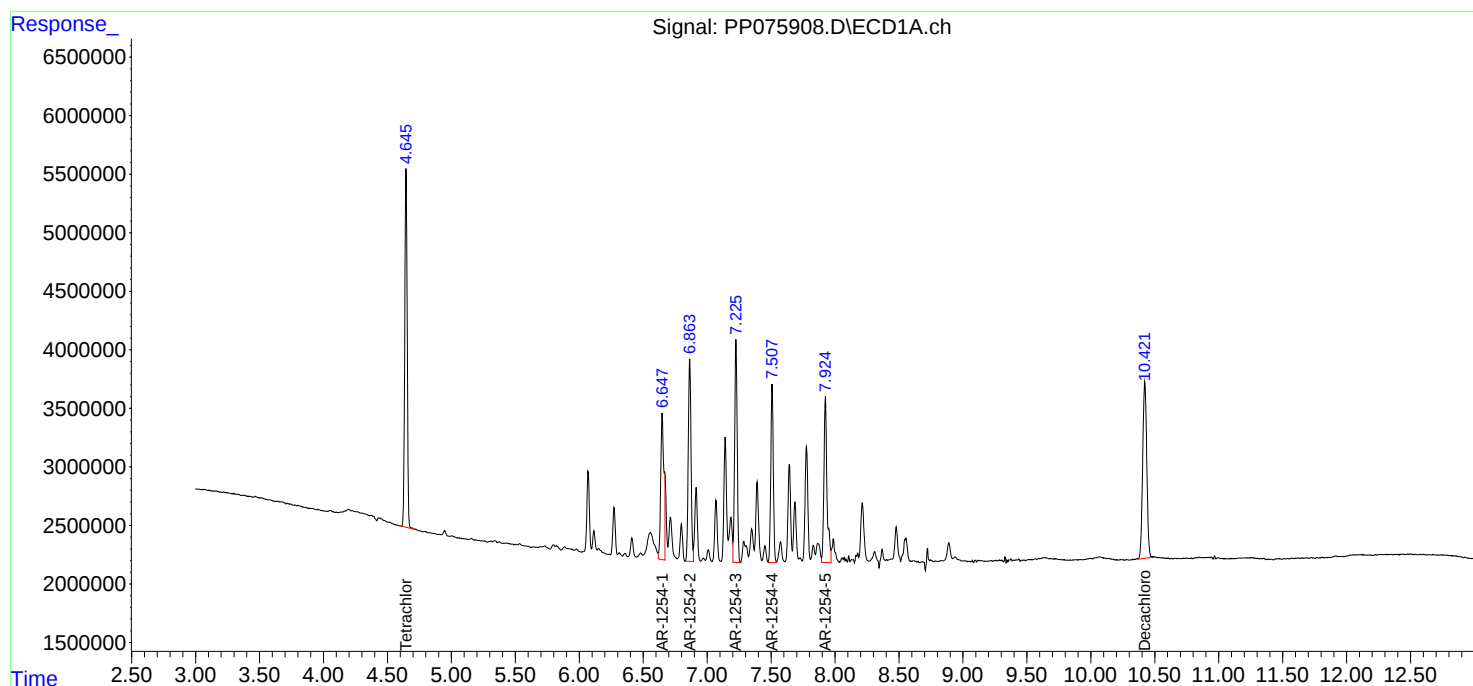
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075909.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 15:07
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:12:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 15:24:42 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.642	3.780	8604114	35027317	5.393	4.744m
2) SA Decachlor...	10.419	8.782	7574299	50050602	5.752	5.200
Target Compounds						
26) L6 AR-1254-1	6.644	5.659	5028603	23004893	64.906	40.789 #
27) L6 AR-1254-2	6.860	5.807	6001024	31864124	60.020	60.390
28) L6 AR-1254-3	7.222	6.206	6253065	36465652	60.152	42.846 #
29) L6 AR-1254-4	7.504	6.433	5244227	24763386	62.720	39.321 #
30) L6 AR-1254-5	7.921	6.850	4771352	34659929	52.106	48.147

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075909.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:07
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

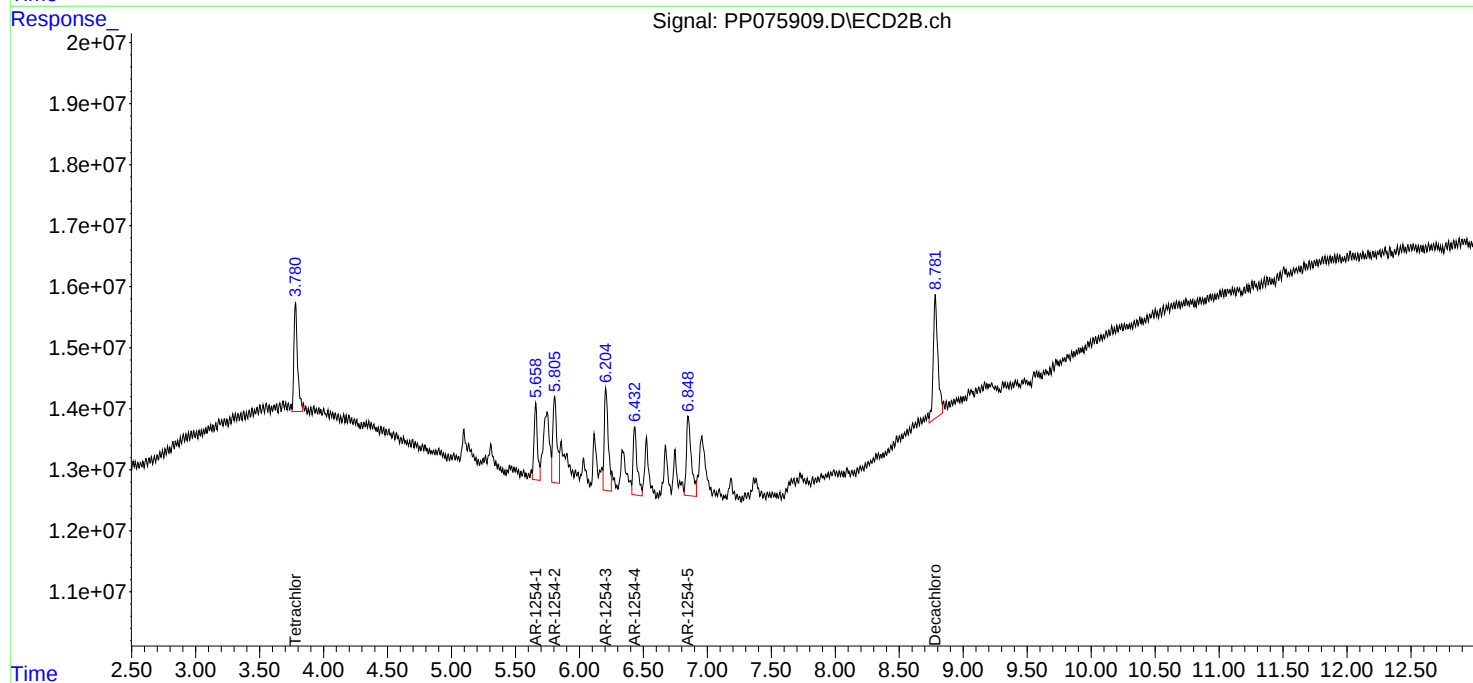
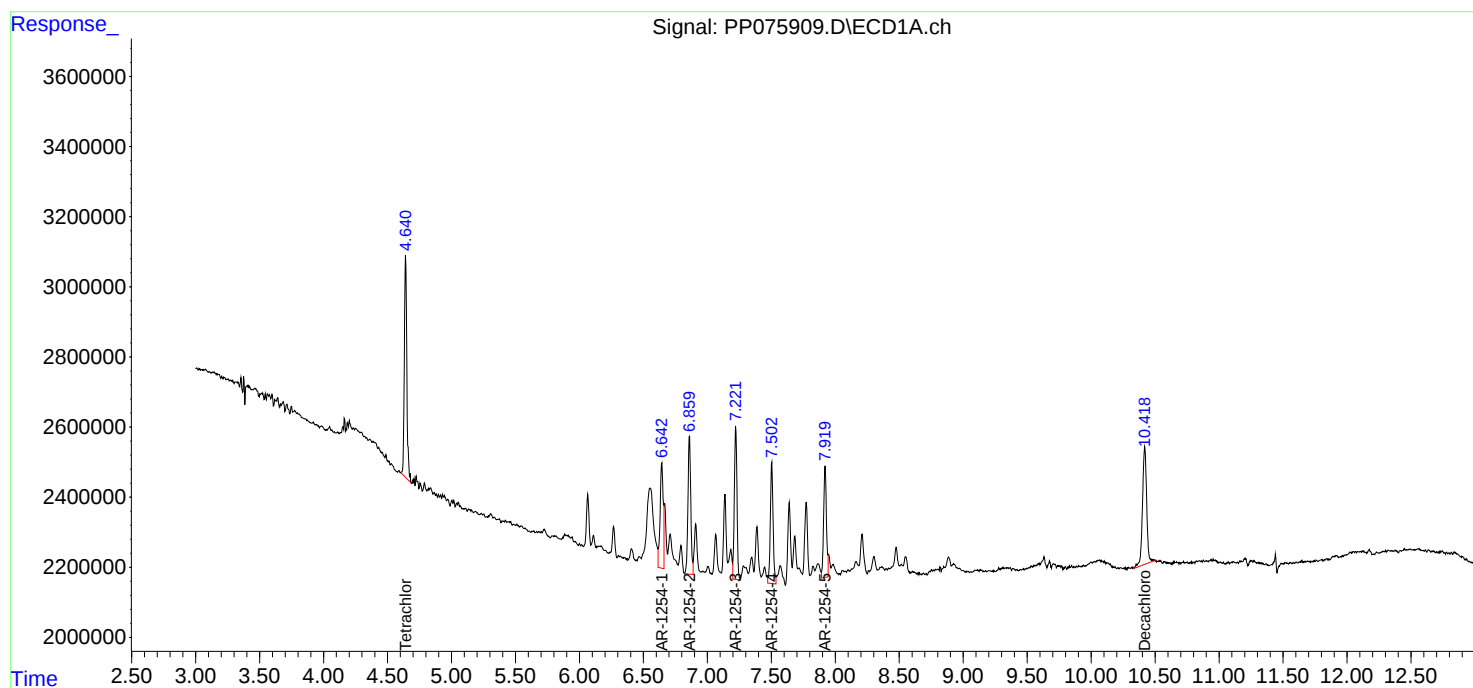
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:12:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 15:24:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 15:40
 Operator : YP\AJ
 Sample : AR1262ICC500
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1262ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 16:21:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 16:20:51 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...	4.647	3.785	76058633	352.0E6	50.000	50.000
2) SA Decachlor...	10.425	8.786	61011705	448.1E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.232	6.893	42013007	493.5E6	500.000	500.000
37) L8 AR-1262-2	8.557	7.150	81834582	351.6E6	500.000	500.000
38) L8 AR-1262-3	8.883	7.672	60893486	303.5E6	500.000	500.000
39) L8 AR-1262-4	8.971	7.736	46055772	550.7E6	500.000	500.000
40) L8 AR-1262-5	9.642	8.231	33912301	230.7E6	500.000	500.000

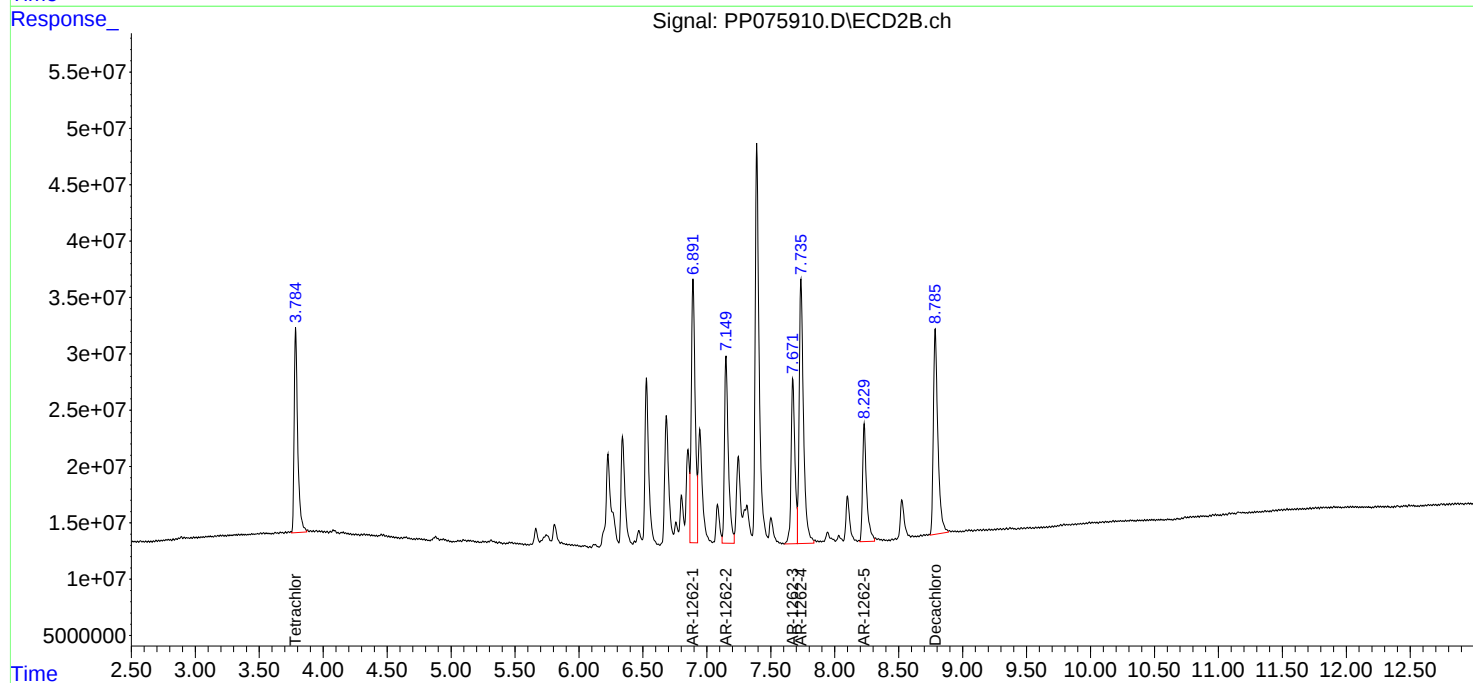
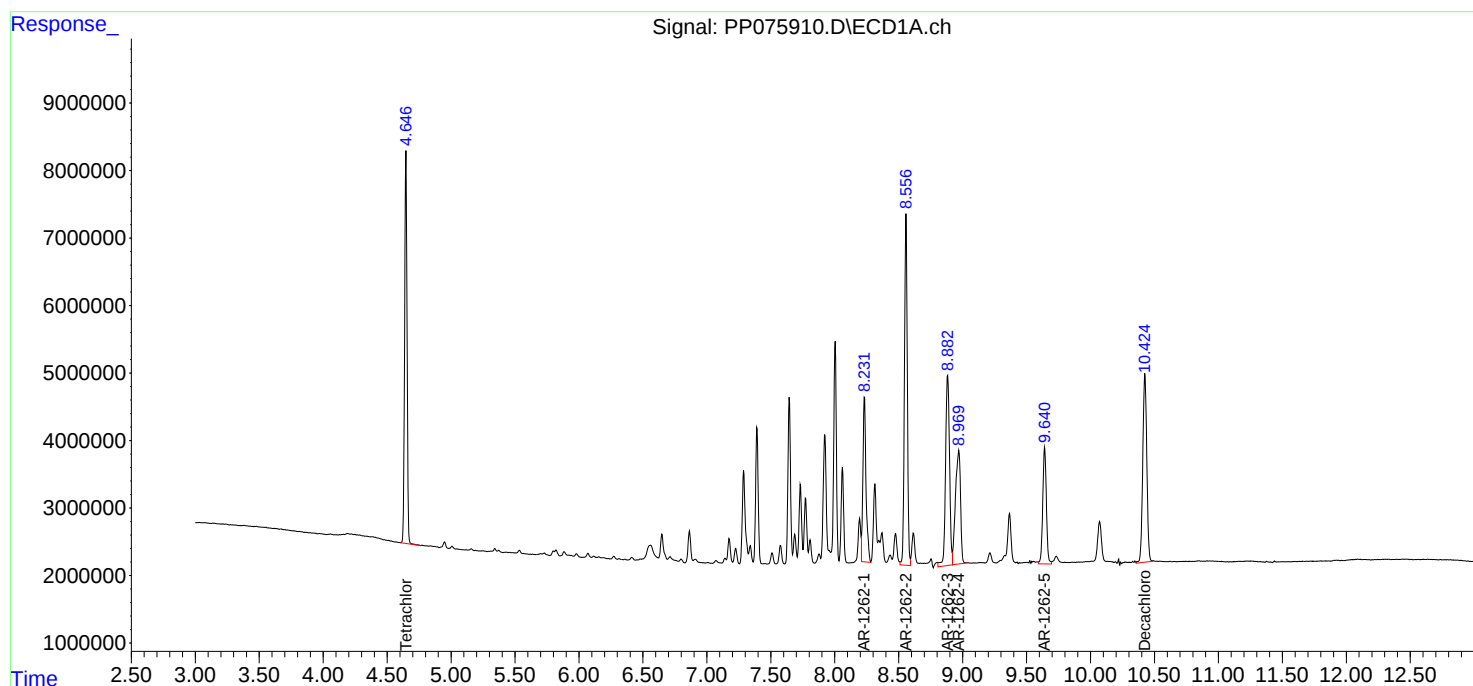
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:40
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 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\PP102125\
 Data File : PP075911.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 15:56
 Operator : YP\AJ
 Sample : AR1268ICC1000
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC1000

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:02:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:59:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.646	3.784	151.5E6	749.9E6	97.157	99.641
2) SA Decachlor...	10.424	8.785	198.8E6	1671.8E6	95.543	99.055
Target Compounds						
41) L9 AR-1268-1	8.878	7.673	186.7E6	1831.6E6	951.896	992.615
42) L9 AR-1268-2	8.973	7.737	172.5E6	1800.4E6	956.477	1001.376
43) L9 AR-1268-3	9.213	7.944	145.2E6	1369.8E6	961.447	988.116
44) L9 AR-1268-4	9.640	8.230	71036137	542.8E6	963.668	1002.321
45) L9 AR-1268-5	10.071	8.526	446.4E6	3855.5E6	968.612	979.920

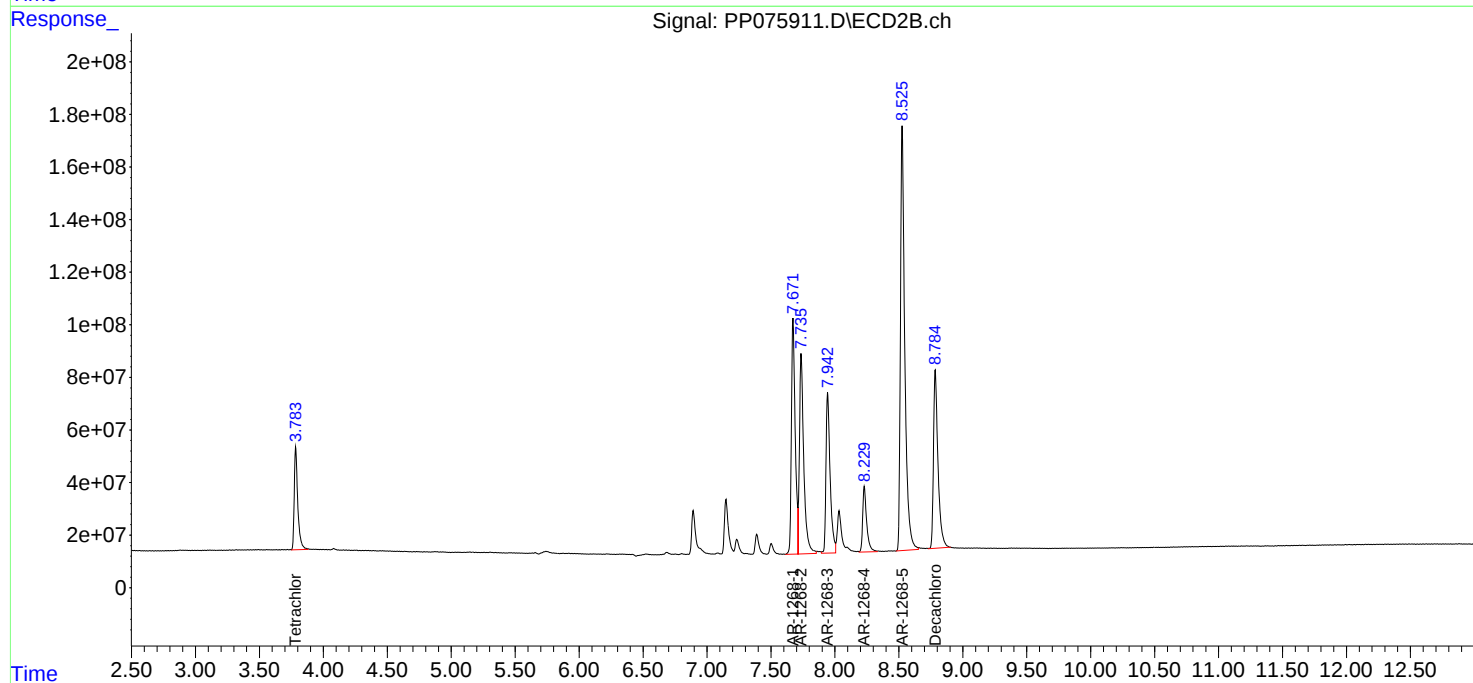
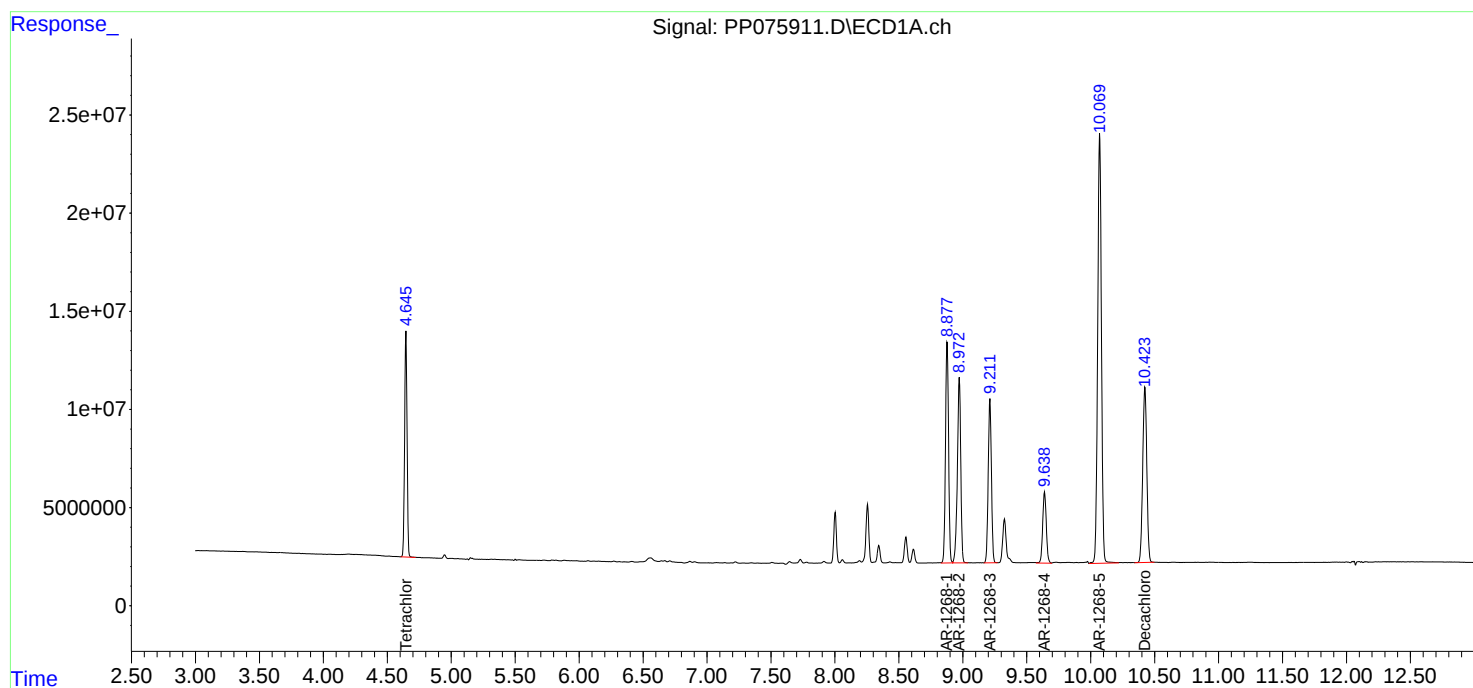
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:56
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075912.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 16:12
 Operator : YP\AJ
 Sample : AR1268ICC750
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:06:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:59:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.646	3.783	116.2E6	564.9E6	74.674	75.037
2) SA Decachlor...	10.423	8.784	155.7E6	1249.5E6	74.863	74.351
Target Compounds						
41) L9 AR-1268-1	8.877	7.671	146.3E6	1360.1E6	747.184	741.339
42) L9 AR-1268-2	8.973	7.736	134.4E6	1329.3E6	746.666	742.894
43) L9 AR-1268-3	9.211	7.943	112.7E6	1019.0E6	747.385	739.990
44) L9 AR-1268-4	9.640	8.229	56104264	402.6E6	757.366	745.626
45) L9 AR-1268-5	10.070	8.525	344.2E6	2925.3E6	747.861	745.651

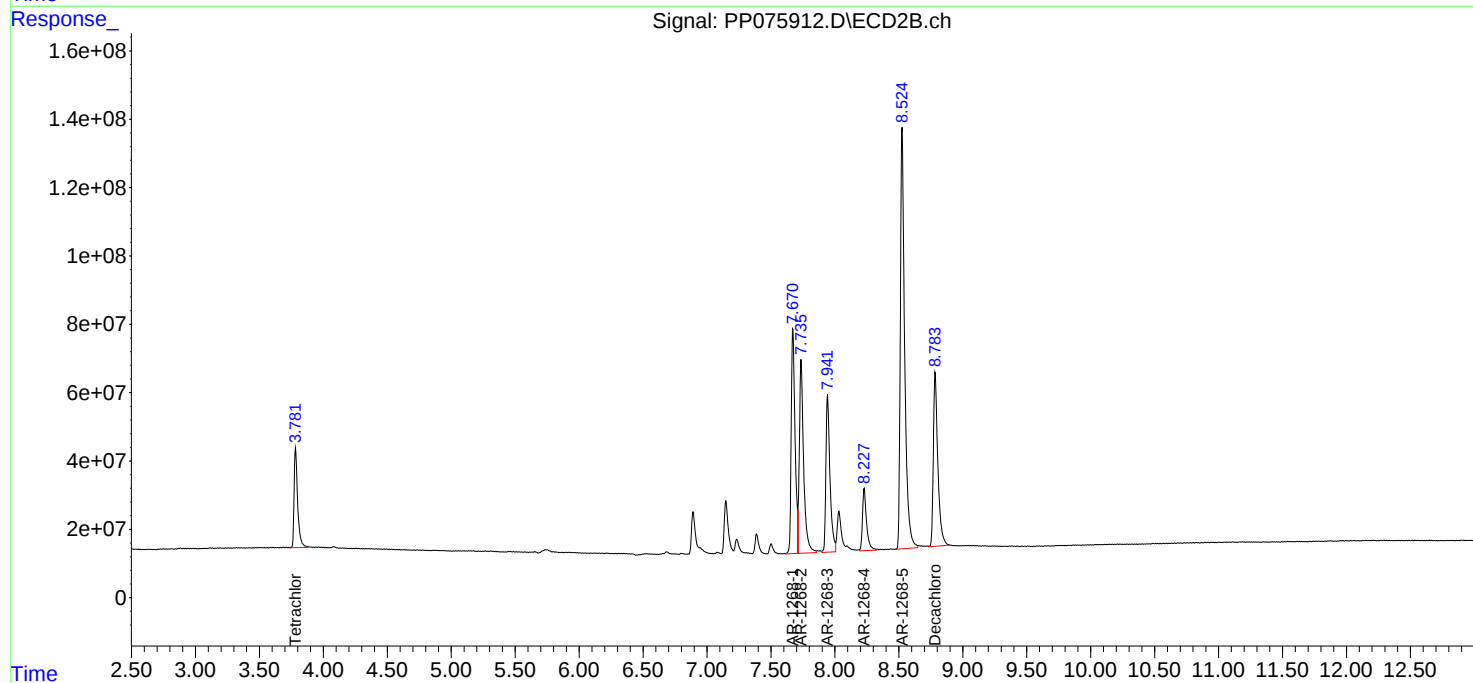
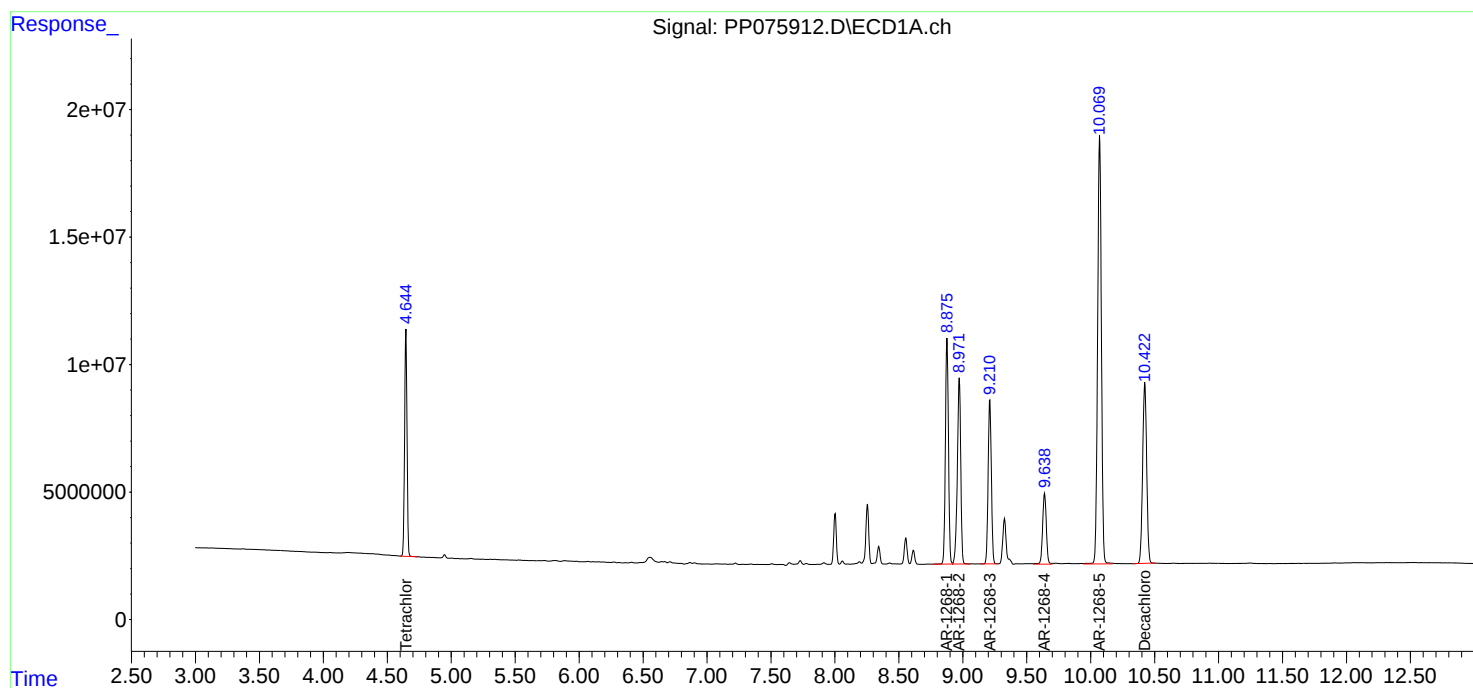
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:12
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:06:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075913.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 16:29
 Operator : YP\AJ
 Sample : AR1268ICC500
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:59:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:59:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.647	3.785	80186895	377.7E6	50.000	50.000
2) SA Decachlor...	10.424	8.785	108.7E6	851.9E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.878	7.673	102.8E6	929.4E6	500.000	500.000
42) L9 AR-1268-2	8.973	7.737	94092052	897.7E6	500.000	500.000
43) L9 AR-1268-3	9.213	7.943	78447140	701.4E6	500.000	500.000
44) L9 AR-1268-4	9.641	8.229	38196242	270.1E6	500.000	500.000
45) L9 AR-1268-5	10.070	8.526	237.7E6	2006.7E6	500.000	500.000

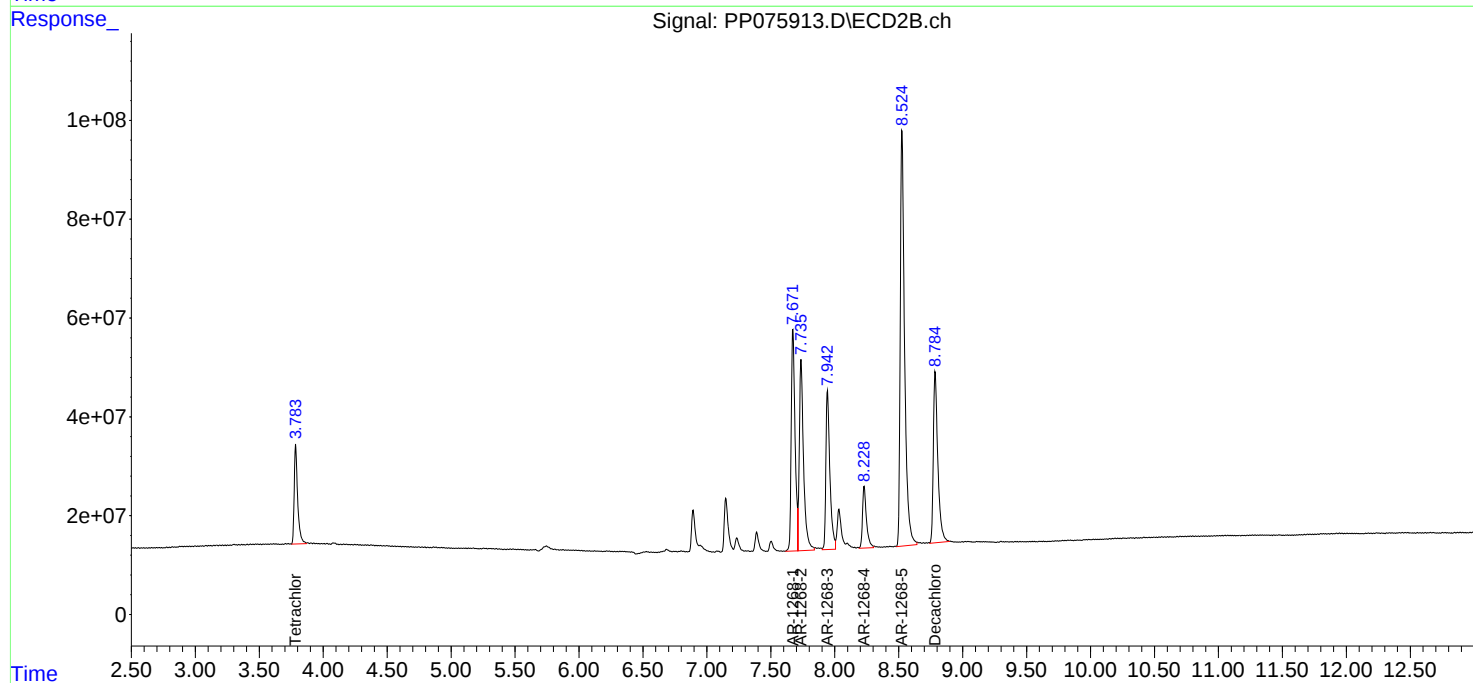
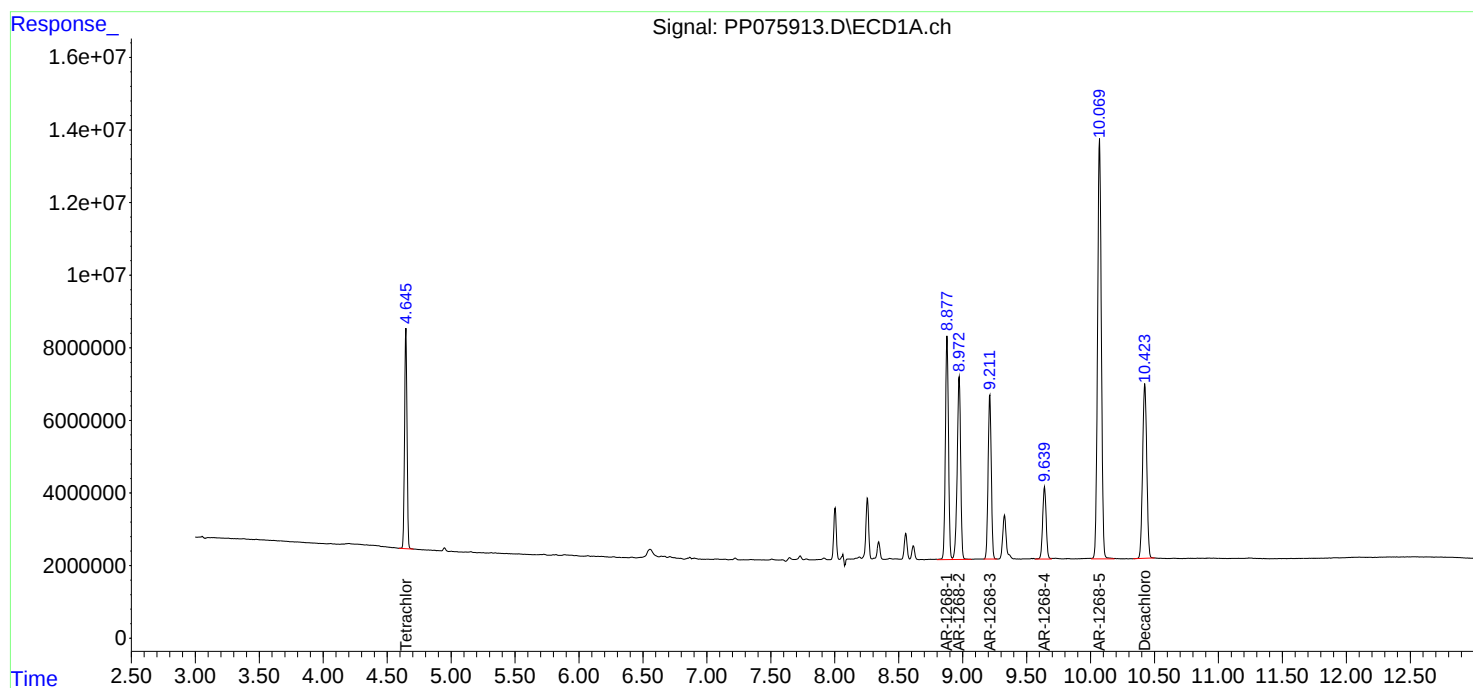
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:29
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:59:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075914.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 16:45
 Operator : YP\AJ
 Sample : AR1268ICC250
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC250

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:11:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:59:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.648	3.785	39777145	176.8E6	25.420	23.849
2) SA Decachlor...	10.427	8.786	55292786	404.9E6	26.176	24.316
Target Compounds						
41) L9 AR-1268-1	8.880	7.673	52505558	433.0E6	263.374	239.361
42) L9 AR-1268-2	8.975	7.737	47519594	415.5E6	260.422	236.426
43) L9 AR-1268-3	9.214	7.943	39522518	339.7E6	258.947	247.491
44) L9 AR-1268-4	9.642	8.231	19156803	125.4E6	256.397	236.500
45) L9 AR-1268-5	10.073	8.527	120.0E6	927.0E6	257.945	239.576

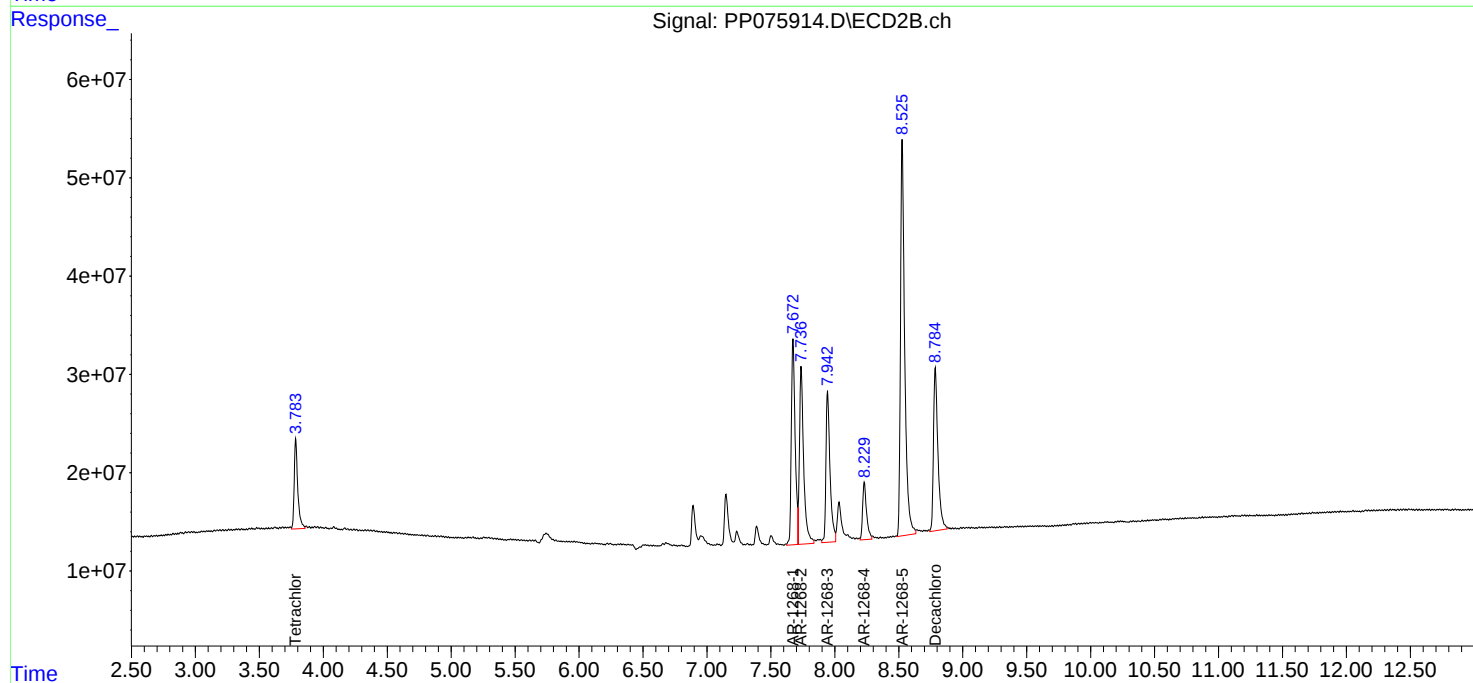
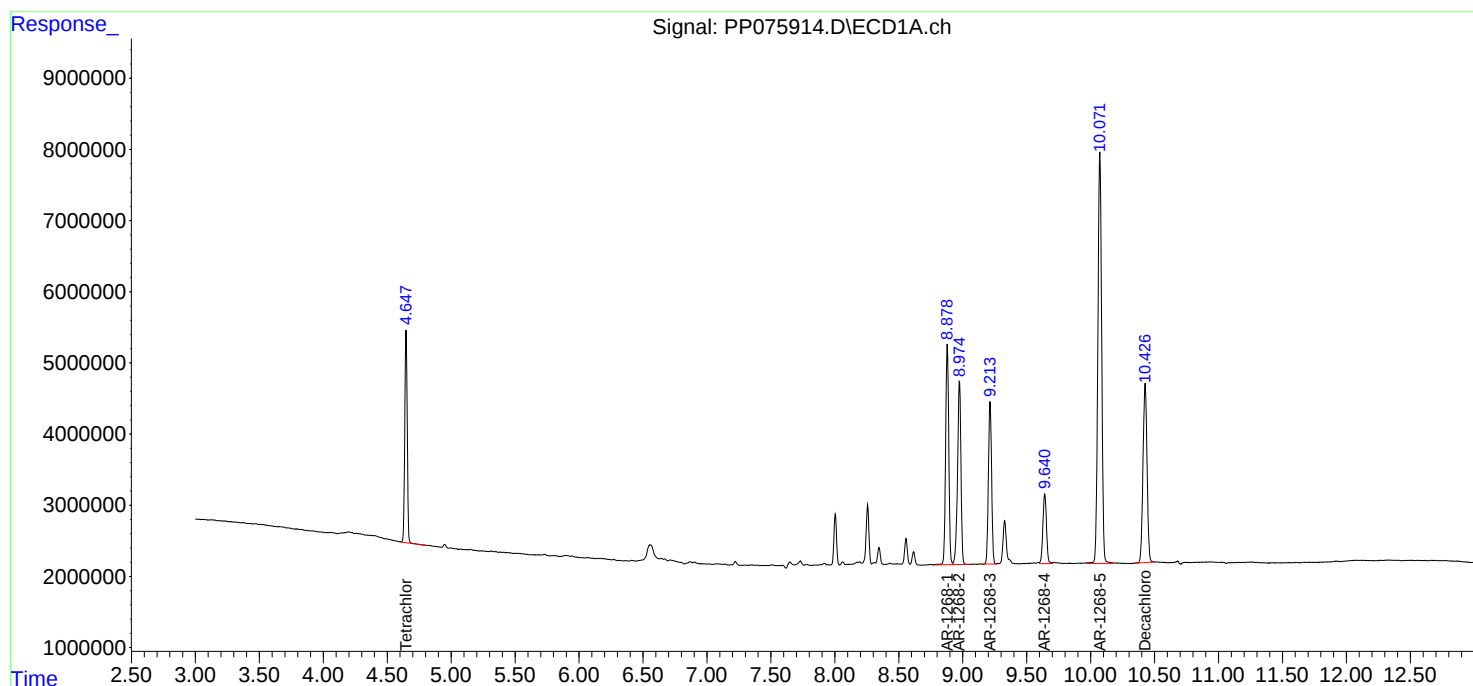
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:45
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:11:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075915.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 17:01
 Operator : YP\AJ
 Sample : AR1268ICC050
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1268ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:15:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 17:59:29 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.646	3.785	8297245	34278784	5.239	4.694
2) SA Decachlor...	10.424	8.786	11780168	79254993	5.451	4.805
Target Compounds						
41) L9 AR-1268-1	8.878	7.671	11762673	90866583	56.952	50.184
42) L9 AR-1268-2	8.973	7.736	10571240	82258397	56.152	47.408
43) L9 AR-1268-3	9.212	7.944	8270442	67275006	53.294	49.210
44) L9 AR-1268-4	9.641	8.228	4718687	23283603	59.998	44.997 #
45) L9 AR-1268-5	10.071	8.525	27065230	169.1E6	56.340	44.825

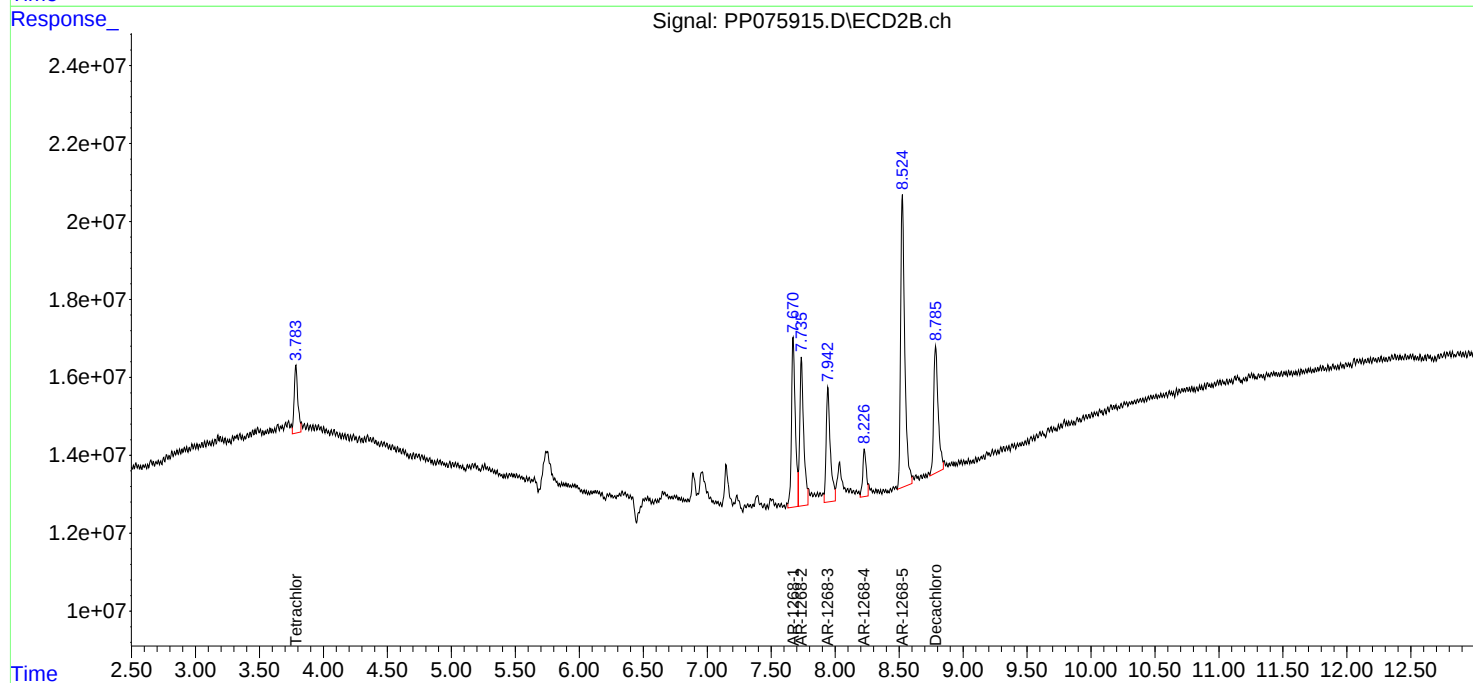
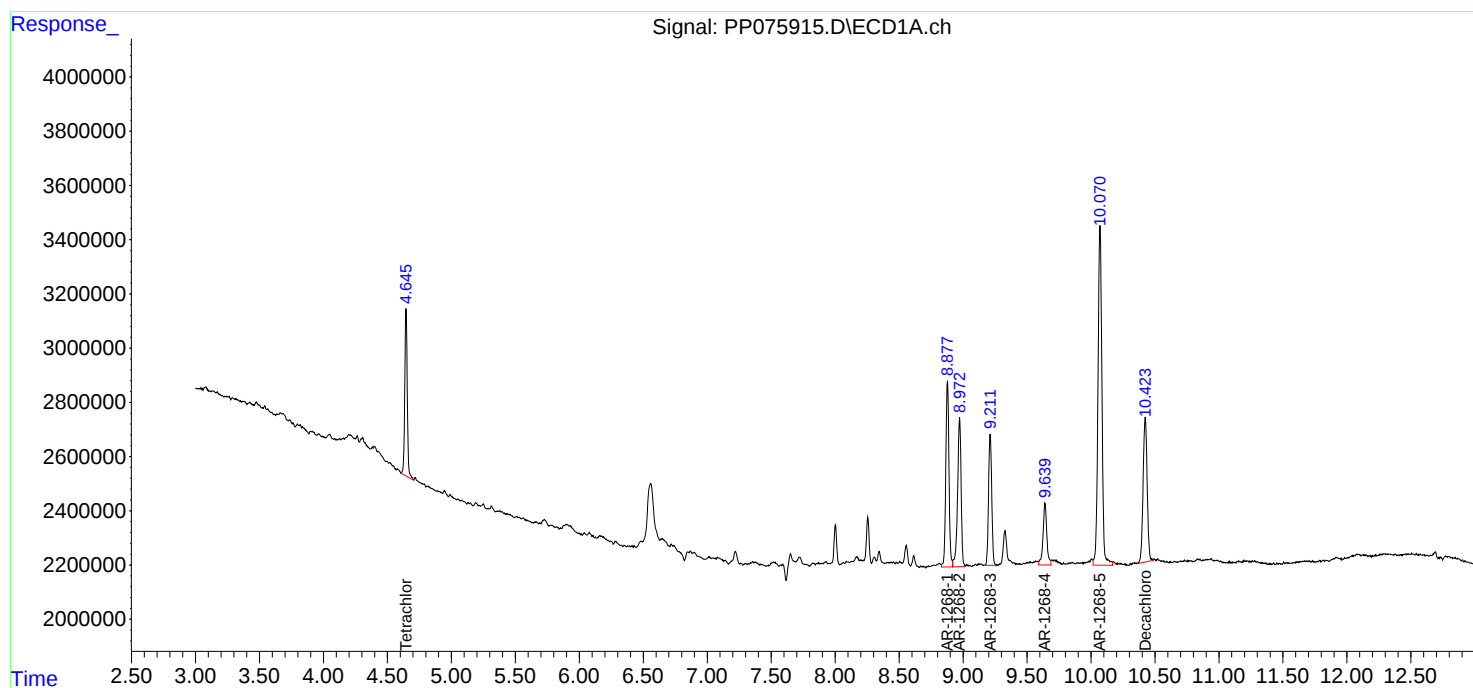
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:01
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:15:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:59:29 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
 Data File : PP075916.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 17:34
 Operator : YP\AJ
 Sample : PP102125ICV500
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP102125

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:26:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 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...	4.646	3.784	73895870	340.9E6	51.708	51.507
2) SA Decachlor...	10.423	8.784	58947888	432.2E6	54.757	52.559
Target Compounds						
3) L1 AR-1016-1	5.799	4.879	30579076	390.9E6	517.184	528.086
4) L1 AR-1016-2	5.820	4.937	46283521	183.5E6	523.308	536.724
5) L1 AR-1016-3	5.883	5.057	29014100	102.8E6	524.184	500.470
6) L1 AR-1016-4	5.980	5.097	23843232	102.7E6	524.717	549.750
7) L1 AR-1016-5	6.273	5.312	22384300	107.6E6	515.702	472.171
31) L7 AR-1260-1	7.391	6.340	38313477	286.2E6	557.233	522.496
32) L7 AR-1260-2	7.644	6.526	47189702	452.3E6	526.804	555.781
33) L7 AR-1260-3	8.002	6.680	37186118	328.9E6	536.700	584.366
34) L7 AR-1260-4	8.230	7.149	40498377	308.8E6	590.602	594.624
35) L7 AR-1260-5	8.556	7.389	79566551	796.8E6	537.788	587.781

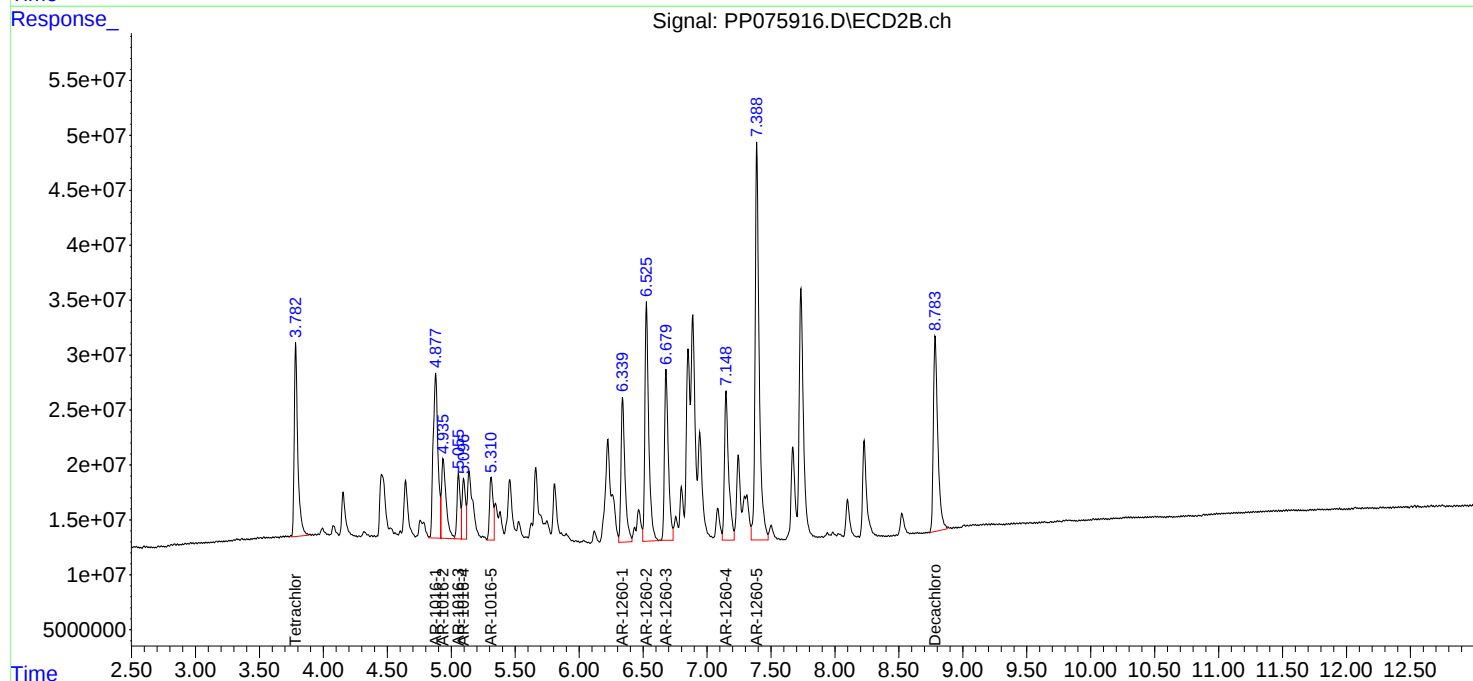
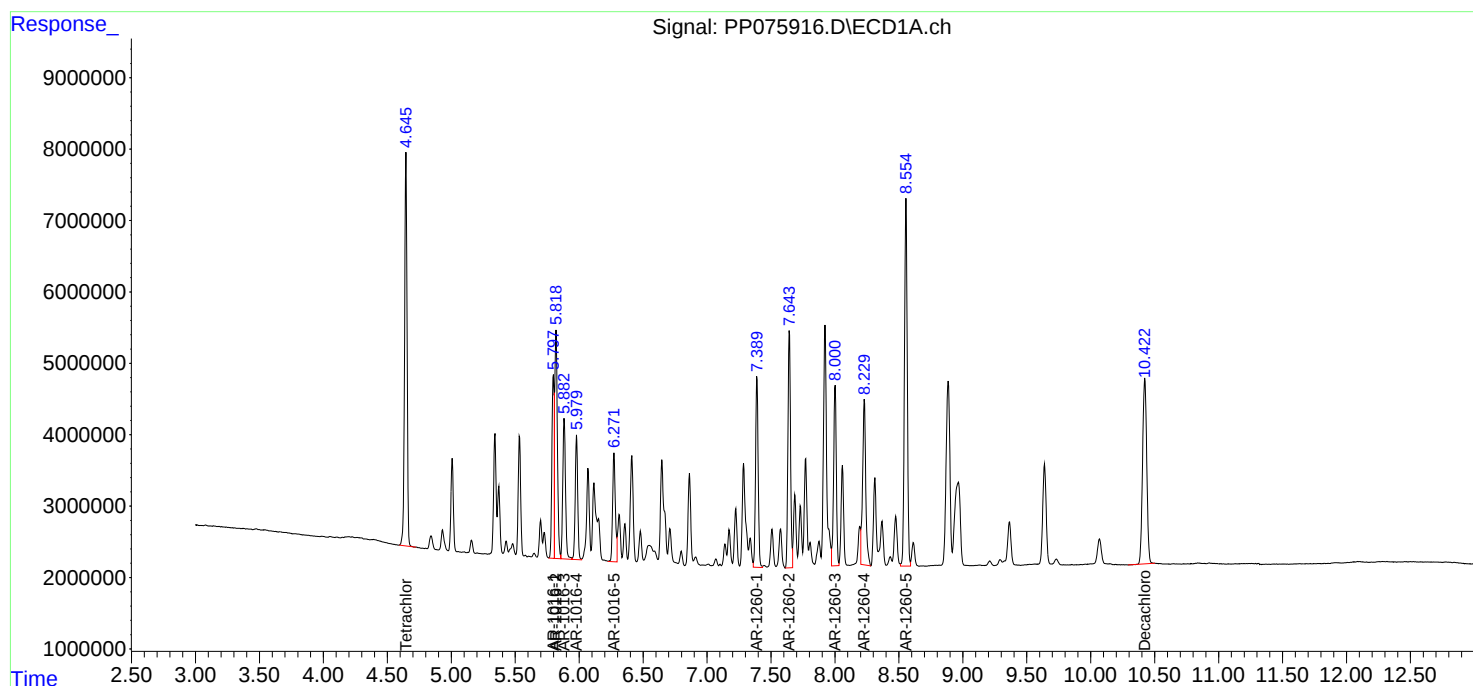
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:34
Operator : YP\AJ
Sample : PP102125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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\PP102125\
 Data File : PP075917.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 18:06
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP102125AR1242

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 08:16:42 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 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...	4.646	3.784	79486082	365.2E6	55.620	55.173
2) SA Decachlor...	10.423	8.785	64567530	484.9E6	59.978m	58.969
Target Compounds						
16) L4 AR-1242-1	5.799	4.879	24532478	301.7E6	512.088	524.891
17) L4 AR-1242-2	5.820	4.937	37086619	138.8E6	523.883	499.981
18) L4 AR-1242-3	5.883	5.057	22990427	78773054	503.714	500.427
19) L4 AR-1242-4	5.980	5.139	18909181	99357590	520.064	536.743m
20) L4 AR-1242-5	6.710	5.660	21676788	123.9E6	529.426	538.030

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075917.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:06
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

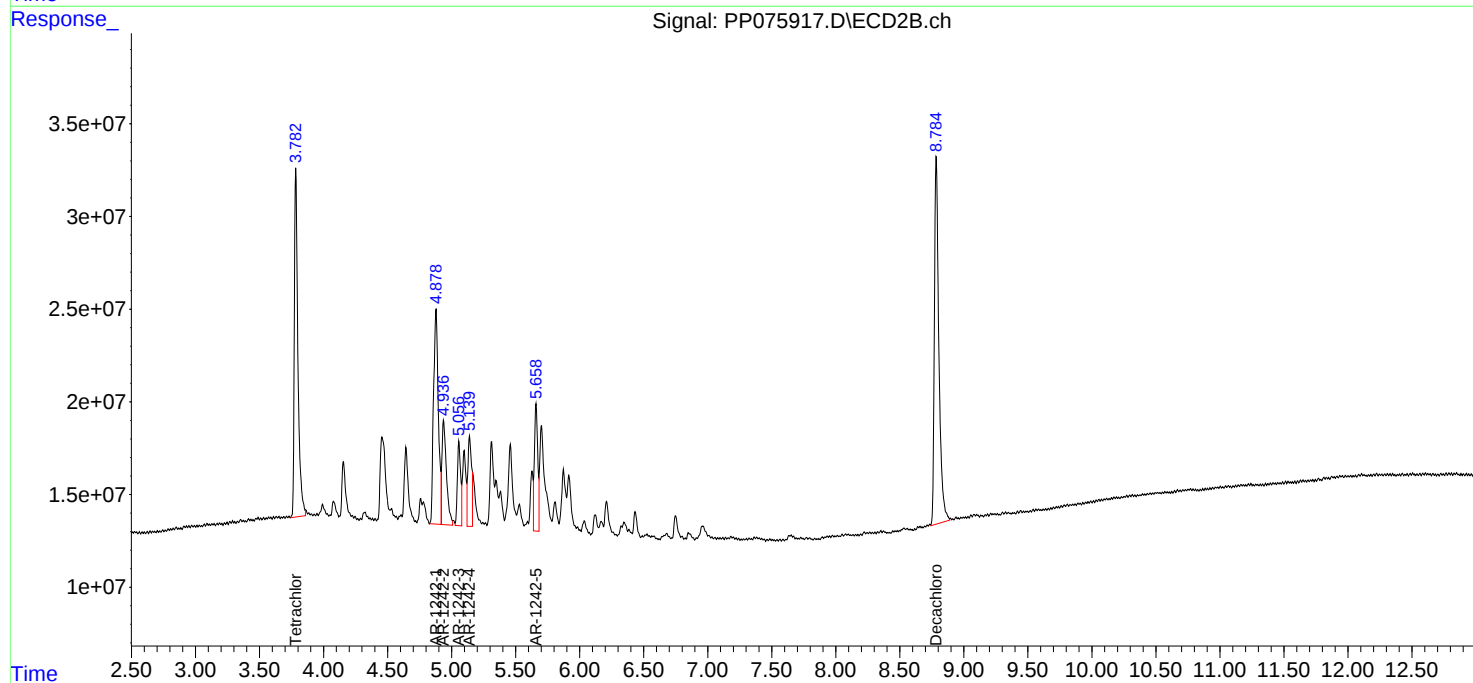
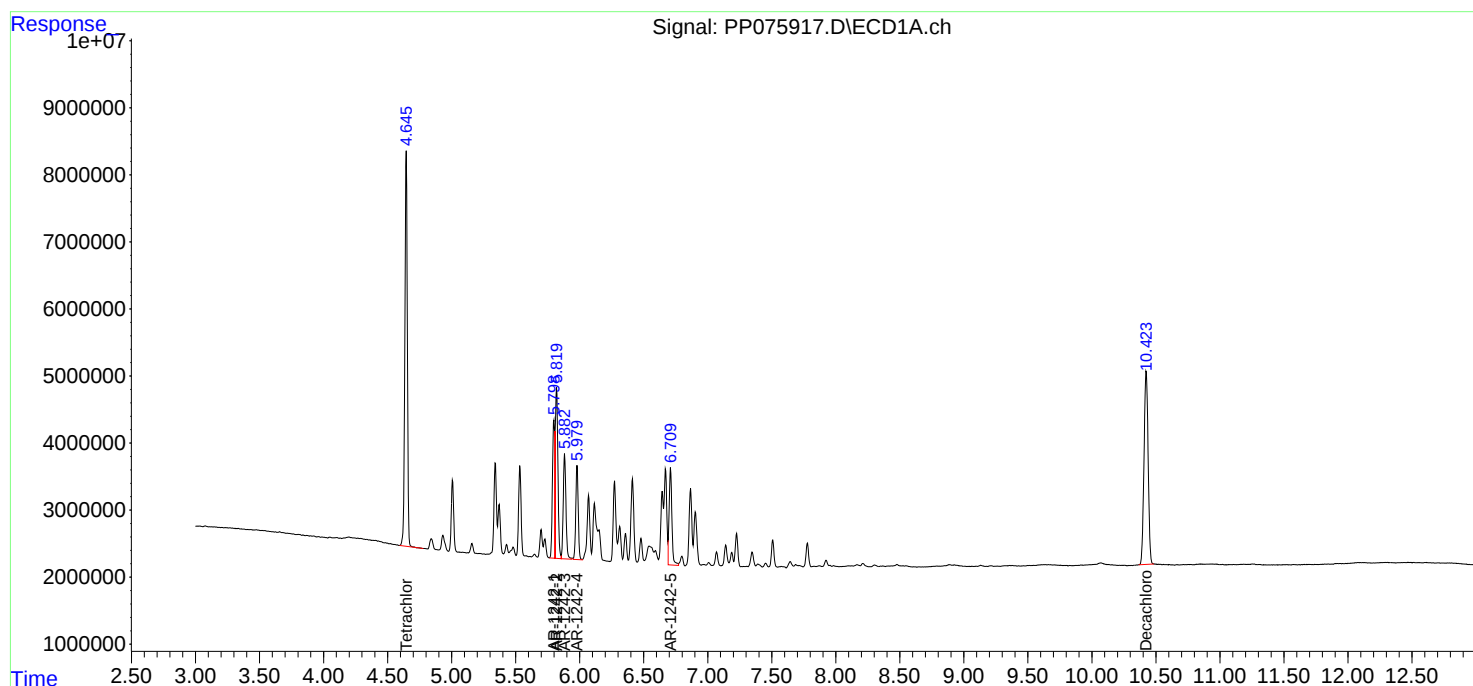
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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\PP102125\
 Data File : PP075918.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 18:39
 Operator : YP\AJ
 Sample : AR1248ICV500
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP102125AR1248

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 08:17:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 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...	4.647	3.784	77354608	375.4E6	54.128	56.717
2) SA Decachlor...	10.425	8.785	62090346	474.3E6	57.677	57.676
Target Compounds						
21) L5 AR-1248-1	5.799	4.878	18454423	193.8E6	514.472	515.973
22) L5 AR-1248-2	6.070	5.099	24718037	124.2E6	507.095	505.124
23) L5 AR-1248-3	6.273	5.138	27349933	132.7E6	504.009	462.616m
24) L5 AR-1248-4	6.671	5.312	33802442	144.9E6	509.348	512.423
25) L5 AR-1248-5	6.711	5.701	33065578	279.8E6	509.794	538.456

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075918.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 18:39
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

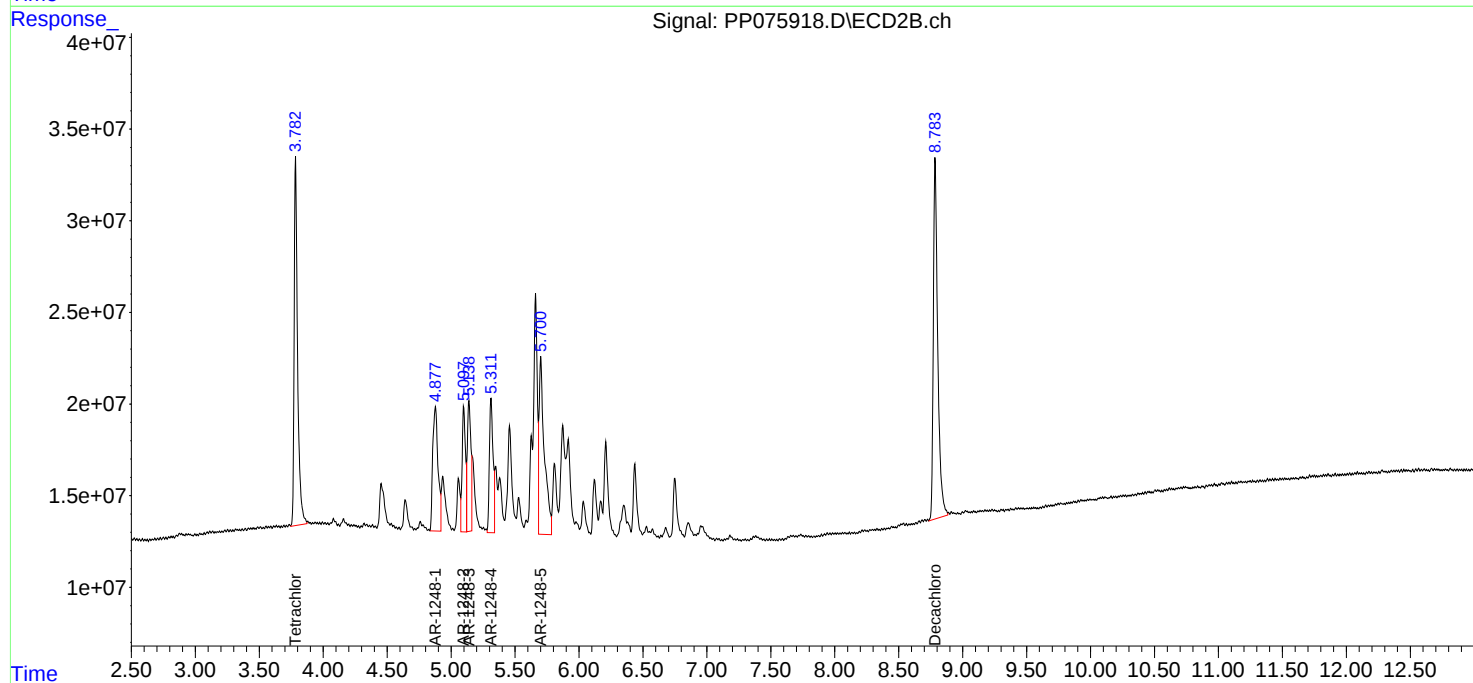
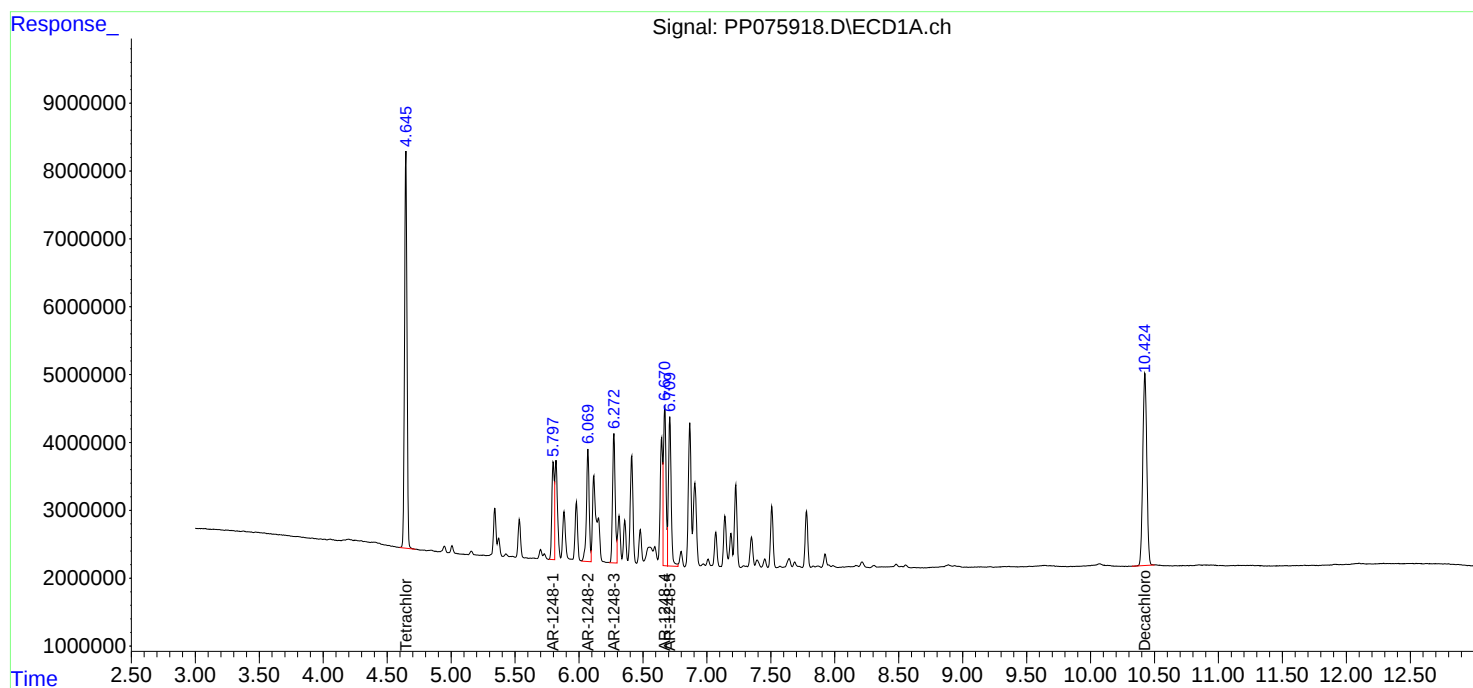
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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\PP102125\
 Data File : PP075919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 08:49
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP102125AR1254

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/24/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 09:02:43 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 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...	4.654	3.784	73513288	361.3E6	51.441	54.591
2) SA Decachlor...	10.439	8.789	61994754	468.2E6	57.588	56.937
Target Compounds						
26) L6 AR-1254-1	6.657	5.662	33305659	337.3E6	416.876	597.997m#
27) L6 AR-1254-2	6.873	5.811	45460472	248.5E6	454.676	468.721
28) L6 AR-1254-3	7.235	6.214	47667437	420.5E6	458.540	494.093
29) L6 AR-1254-4	7.517	6.439	37597676	337.3E6	449.659	535.605
30) L6 AR-1254-5	7.934	6.855	44185805	348.6E6	482.532	484.302

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075919.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 08:49
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

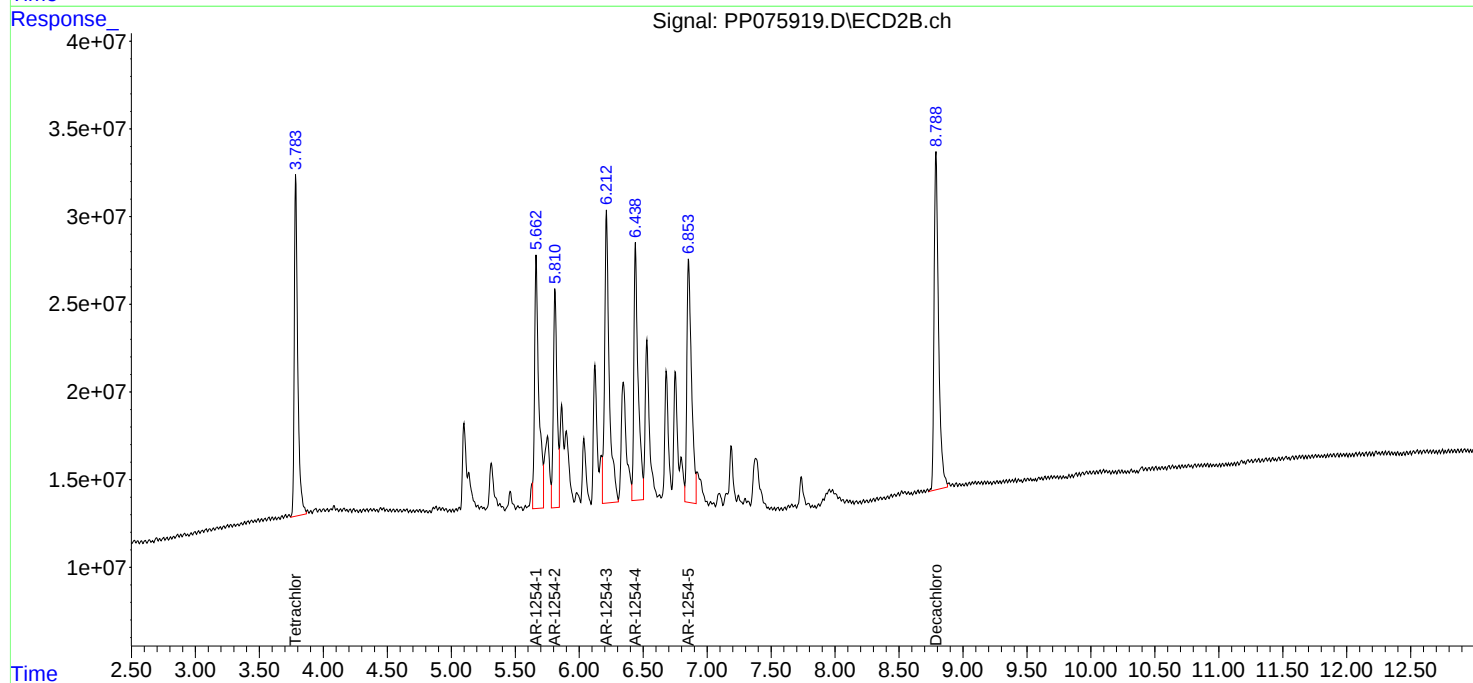
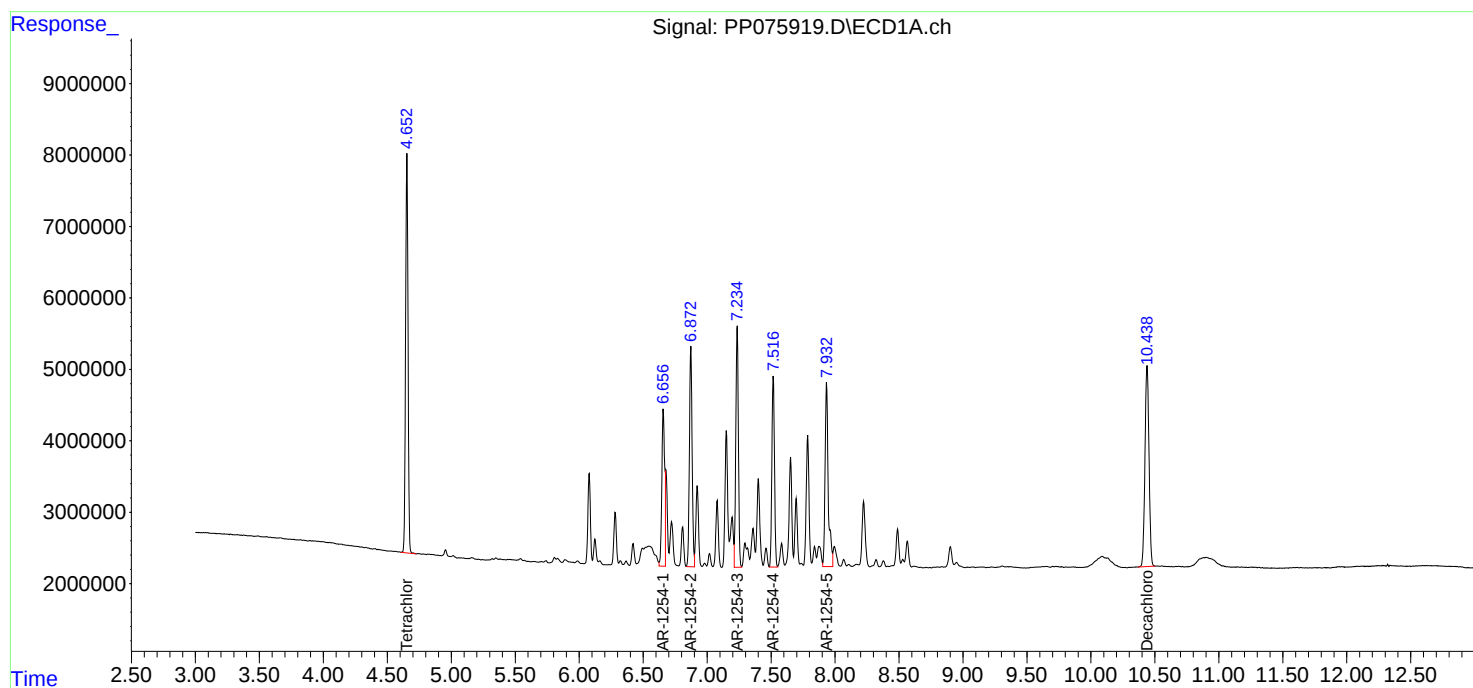
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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\PP102125\
 Data File : PP075920.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Oct 2025 09:07
 Operator : YP\AJ
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP102125AR1268

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 24 15:40:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:38:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.648	3.782	80645176	382.7E6	50.921	52.402
2) SA Decachlor...	10.430	8.784	112.8E6	913.8E6	52.199	55.404
Target Compounds						
41) L9 AR-1268-1	8.881	7.671	106.5E6	989.5E6	515.825	546.466
42) L9 AR-1268-2	8.976	7.736	98184801	960.8E6	521.533	553.714
43) L9 AR-1268-3	9.216	7.942	81566200	749.4E6	525.609	548.157
44) L9 AR-1268-4	9.645	8.228	39672536	280.8E6	504.438	542.576
45) L9 AR-1268-5	10.076	8.525	246.0E6	2111.9E6	512.030	559.930

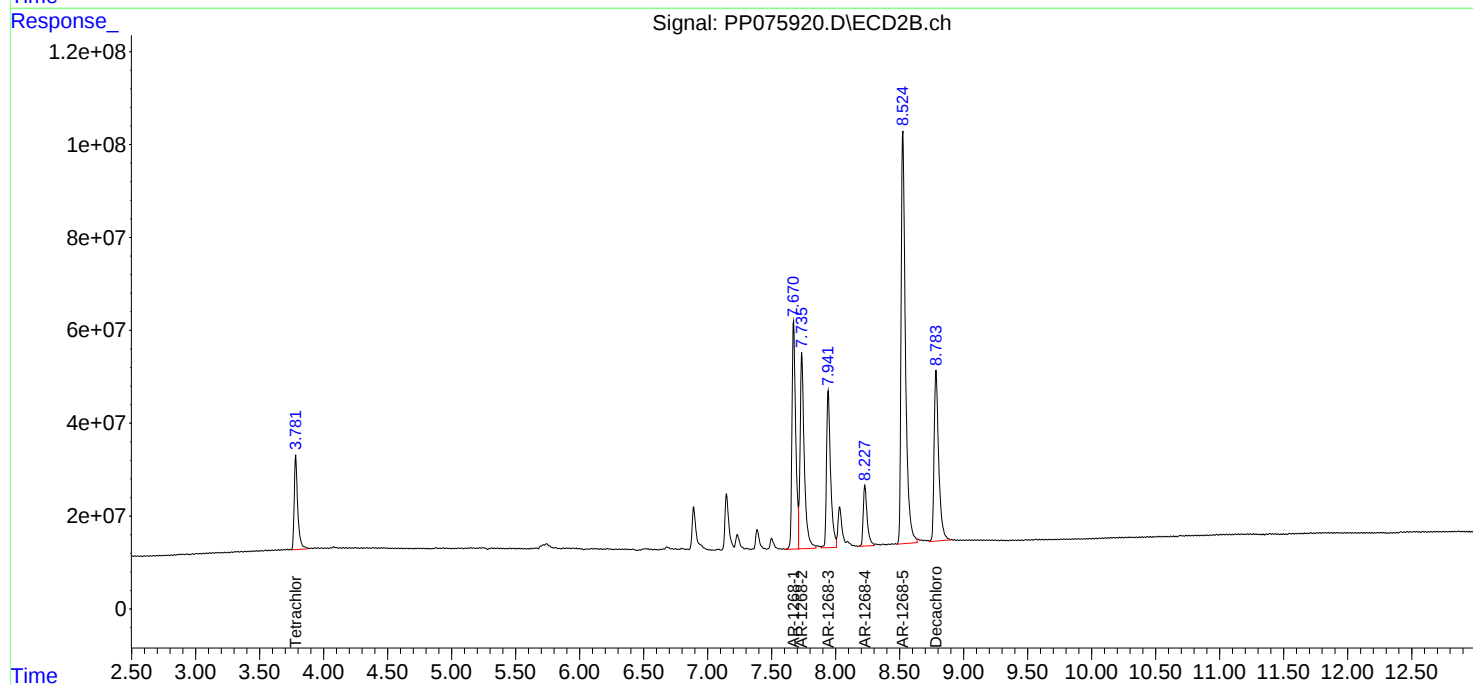
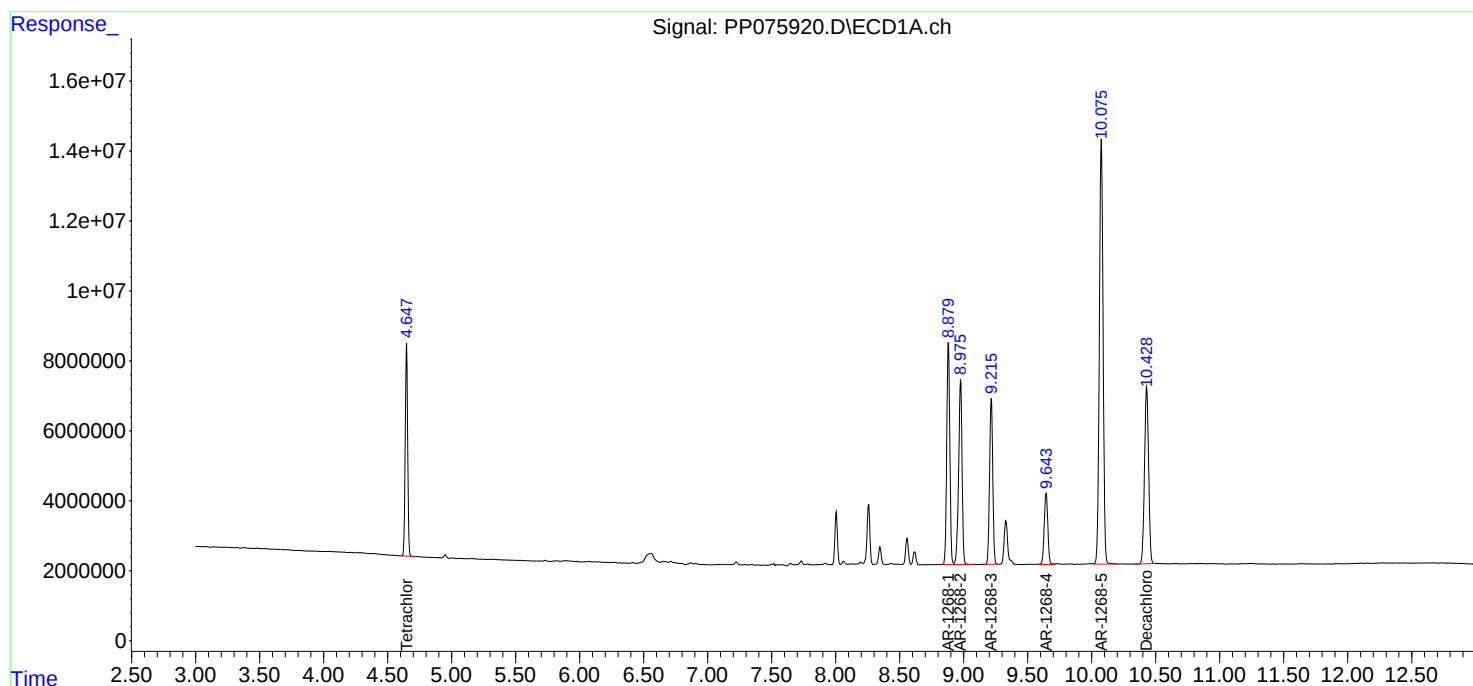
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 09:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 24 15:40:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:38:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/09/2025

10/09/2025

Continuing Calib Time: 09:33

Initial Calibration Time(s): 14:14

22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.58	5.48	5.68	0.01
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.08	6.98	7.18	0.01
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.68	7.69	7.59	7.79	0.01
Aroclor-1260-4	(4)	7.90	7.91	7.81	8.01	0.01
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.36	4.26	4.46	0.01
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/09/2025

10/09/2025

Continuing Calib Time: 09:33

Initial Calibration Time(s): 14:14

22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.23	6.13	6.33	0.02
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.55	6.57	6.47	6.67	0.02
Aroclor-1260-4	(4)	7.02	7.04	6.94	7.14	0.02
Aroclor-1260-5	(5)	7.26	7.28	7.18	7.38	0.02
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114694.D **Time Analyzed:** 09:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.489	5.392	5.592	591.510	500.000	18.3
Aroclor-1016-2	5.510	5.414	5.614	563.860	500.000	12.8
Aroclor-1016-3	5.573	5.476	5.676	562.350	500.000	12.5
Aroclor-1016-4	5.668	5.571	5.771	594.810	500.000	19.0
Aroclor-1016-5	5.960	5.863	6.063	598.130	500.000	19.6
Aroclor-1260-1	7.072	6.975	7.175	577.060	500.000	15.4
Aroclor-1260-2	7.326	7.229	7.429	571.520	500.000	14.3
Aroclor-1260-3	7.682	7.585	7.785	552.490	500.000	10.5
Aroclor-1260-4	7.904	7.807	8.007	557.750	500.000	11.6
Aroclor-1260-5	8.211	8.113	8.313	529.700	500.000	5.9
Decachlorobiphenyl	9.929	9.834	10.034	53.140	50.000	6.3
Tetrachloro-m-xylene	4.350	4.255	4.455	58.410	50.000	16.8



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114694.D **Time Analyzed:** 09:33

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.733	4.643	4.843	465.960	500.000	-6.8
Aroclor-1016-2	4.752	4.662	4.862	503.000	500.000	0.6
Aroclor-1016-3	4.927	4.836	5.036	521.470	500.000	4.3
Aroclor-1016-4	4.968	4.879	5.079	530.080	500.000	6.0
Aroclor-1016-5	5.181	5.092	5.292	530.520	500.000	6.1
Aroclor-1260-1	6.212	6.125	6.325	556.560	500.000	11.3
Aroclor-1260-2	6.399	6.313	6.513	576.930	500.000	15.4
Aroclor-1260-3	6.552	6.466	6.666	534.140	500.000	6.8
Aroclor-1260-4	7.023	6.939	7.139	605.710	500.000	21.1
Aroclor-1260-5	7.263	7.179	7.379	583.620	500.000	16.7
Decachlorobiphenyl	8.648	8.571	8.771	50.690	50.000	1.4
Tetrachloro-m-xylene	3.654	3.560	3.760	50.130	50.000	0.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114694.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 09:33
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 11:40:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.350	3.654	317.1E6	200.6E6	58.407	50.126
2) SA Decachlor...	9.929	8.648	193.5E6	169.0E6	53.137	50.689
Target Compounds						
3) L1 AR-1016-1	5.489	4.733	106.7E6	78460947	591.507	465.963m
4) L1 AR-1016-2	5.510	4.752	171.6E6	121.7E6	563.861	503.004
5) L1 AR-1016-3	5.573	4.927	99453087	64743016	562.351	521.475
6) L1 AR-1016-4	5.668	4.968	81818803	51165959	594.810	530.077
7) L1 AR-1016-5	5.960	5.181	75523841	67829882	598.135	530.520
31) L7 AR-1260-1	7.072	6.212	125.8E6	131.1E6	577.065	556.555
32) L7 AR-1260-2	7.326	6.399	176.3E6	192.9E6	571.516	576.934
33) L7 AR-1260-3	7.682	6.552	141.7E6	157.5E6	552.488m	534.145
34) L7 AR-1260-4	7.904	7.023	129.9E6	135.0E6	557.747	605.706m
35) L7 AR-1260-5	8.211	7.263	307.3E6	357.7E6	529.697	583.618

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114694.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:33
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

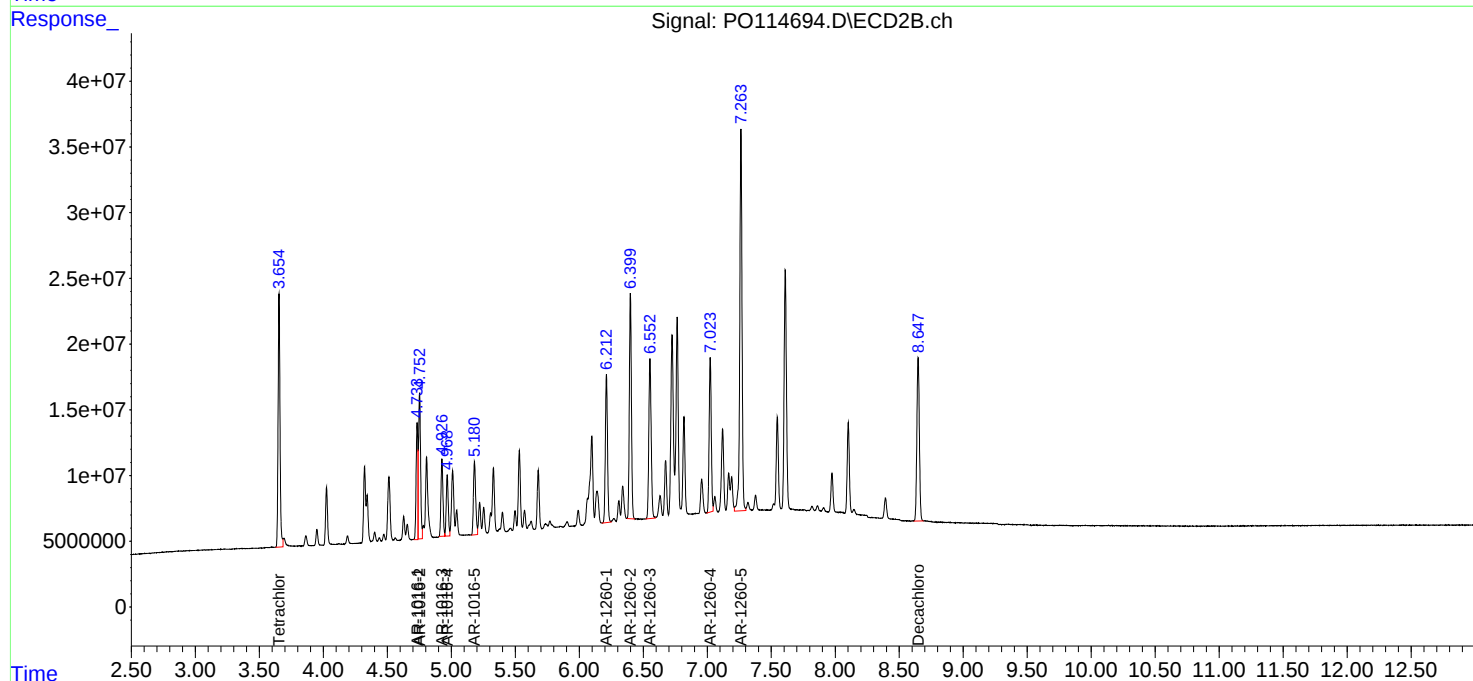
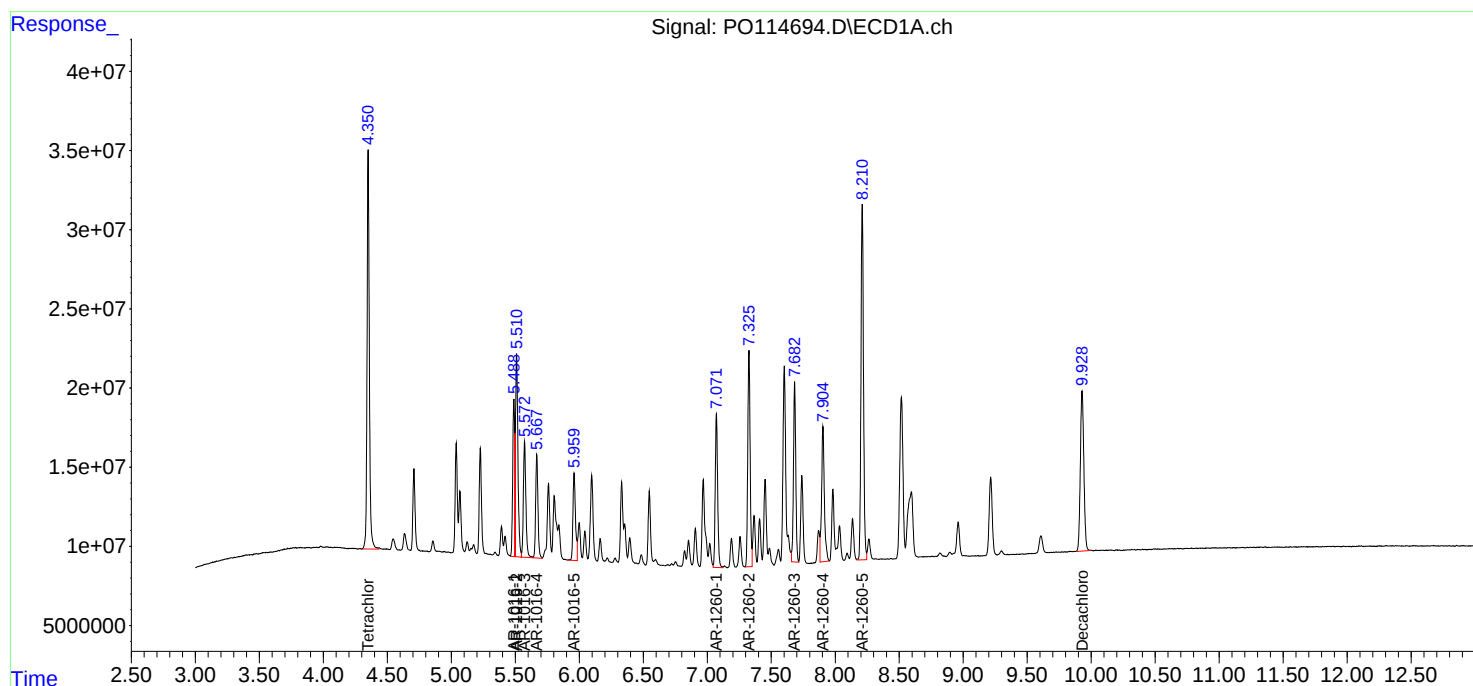
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:40:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/09/2025 10/09/2025

Continuing Calib Time: 15:28

Initial Calibration Time(s): 14:14 22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.49	5.49	5.39	5.59	0.00
Aroclor-1016-2	(2)	5.51	5.51	5.41	5.61	0.00
Aroclor-1016-3	(3)	5.57	5.58	5.48	5.68	0.01
Aroclor-1016-4	(4)	5.67	5.67	5.57	5.77	0.00
Aroclor-1016-5	(5)	5.96	5.96	5.86	6.06	0.00
Aroclor-1260-1	(1)	7.07	7.08	6.98	7.18	0.01
Aroclor-1260-2	(2)	7.33	7.33	7.23	7.43	0.00
Aroclor-1260-3	(3)	7.68	7.69	7.59	7.79	0.01
Aroclor-1260-4	(4)	7.91	7.91	7.81	8.01	0.00
Aroclor-1260-5	(5)	8.21	8.21	8.11	8.31	0.00
Tetrachloro-m-xylene		4.35	4.36	4.26	4.46	0.01
Decachlorobiphenyl		9.93	9.93	9.83	10.03	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/09/2025 10/09/2025

Continuing Calib Time: 15:28

Initial Calibration Time(s): 14:14 22:29

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.73	4.74	4.64	4.84	0.01
Aroclor-1016-2	(2)	4.75	4.76	4.66	4.86	0.01
Aroclor-1016-3	(3)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-4	(4)	4.97	4.98	4.88	5.08	0.01
Aroclor-1016-5	(5)	5.18	5.19	5.09	5.29	0.01
Aroclor-1260-1	(1)	6.21	6.23	6.13	6.33	0.02
Aroclor-1260-2	(2)	6.40	6.41	6.31	6.51	0.01
Aroclor-1260-3	(3)	6.55	6.57	6.47	6.67	0.02
Aroclor-1260-4	(4)	7.02	7.04	6.94	7.14	0.02
Aroclor-1260-5	(5)	7.26	7.28	7.18	7.38	0.02
Tetrachloro-m-xylene		3.65	3.66	3.56	3.76	0.01
Decachlorobiphenyl		8.65	8.67	8.57	8.77	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114709.D **Time Analyzed:** 15:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.489	5.392	5.592	556.400	500.000	11.3
Aroclor-1016-2	5.511	5.414	5.614	519.190	500.000	3.8
Aroclor-1016-3	5.573	5.476	5.676	520.180	500.000	4.0
Aroclor-1016-4	5.668	5.571	5.771	551.110	500.000	10.2
Aroclor-1016-5	5.960	5.863	6.063	557.680	500.000	11.5
Aroclor-1260-1	7.072	6.975	7.175	540.750	500.000	8.2
Aroclor-1260-2	7.326	7.229	7.429	531.910	500.000	6.4
Aroclor-1260-3	7.682	7.585	7.785	506.100	500.000	1.2
Aroclor-1260-4	7.905	7.807	8.007	514.930	500.000	3.0
Aroclor-1260-5	8.211	8.113	8.313	490.340	500.000	-1.9
Decachlorobiphenyl	9.932	9.834	10.034	49.160	50.000	-1.7
Tetrachloro-m-xylene	4.352	4.255	4.455	54.010	50.000	8.0



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/09/2025 10/09/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PO114709.D **Time Analyzed:** 15:28

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.734	4.643	4.843	473.670	500.000	-5.3
Aroclor-1016-2	4.753	4.662	4.862	471.720	500.000	-5.7
Aroclor-1016-3	4.927	4.836	5.036	494.870	500.000	-1.0
Aroclor-1016-4	4.969	4.879	5.079	502.040	500.000	0.4
Aroclor-1016-5	5.181	5.092	5.292	501.730	500.000	0.3
Aroclor-1260-1	6.212	6.125	6.325	527.860	500.000	5.6
Aroclor-1260-2	6.399	6.313	6.513	540.510	500.000	8.1
Aroclor-1260-3	6.552	6.466	6.666	509.140	500.000	1.8
Aroclor-1260-4	7.023	6.939	7.139	577.700	500.000	15.5
Aroclor-1260-5	7.263	7.179	7.379	555.390	500.000	11.1
Decachlorobiphenyl	8.647	8.571	8.771	48.520	50.000	-3.0
Tetrachloro-m-xylene	3.654	3.560	3.760	46.400	50.000	-7.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 15:28
 Operator : YP/AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:41:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.352	3.654	293.2E6	185.7E6	54.010	46.403
2)	SA Decachlor...	9.932	8.647	179.0E6	161.7E6	49.161	48.524m
Target Compounds							
3)	L1 AR-1016-1	5.489	4.734	100.4E6	79758832	556.405	473.671
4)	L1 AR-1016-2	5.511	4.753	158.0E6	114.2E6	519.186	471.721
5)	L1 AR-1016-3	5.573	4.927	91995079	61439982	520.180	494.871
6)	L1 AR-1016-4	5.668	4.969	75807945	48459564	551.112	502.039
7)	L1 AR-1016-5	5.960	5.181	70416228	64149502	557.683	501.734
31)	L7 AR-1260-1	7.072	6.212	117.8E6	124.3E6	540.751	527.862
32)	L7 AR-1260-2	7.326	6.399	164.1E6	180.7E6	531.906	540.509
33)	L7 AR-1260-3	7.682	6.552	129.8E6	150.2E6	506.100m	509.141
34)	L7 AR-1260-4	7.905	7.023	119.9E6	128.8E6	514.933	577.700m
35)	L7 AR-1260-5	8.211	7.263	284.5E6	340.4E6	490.340	555.386

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114709.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:28
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

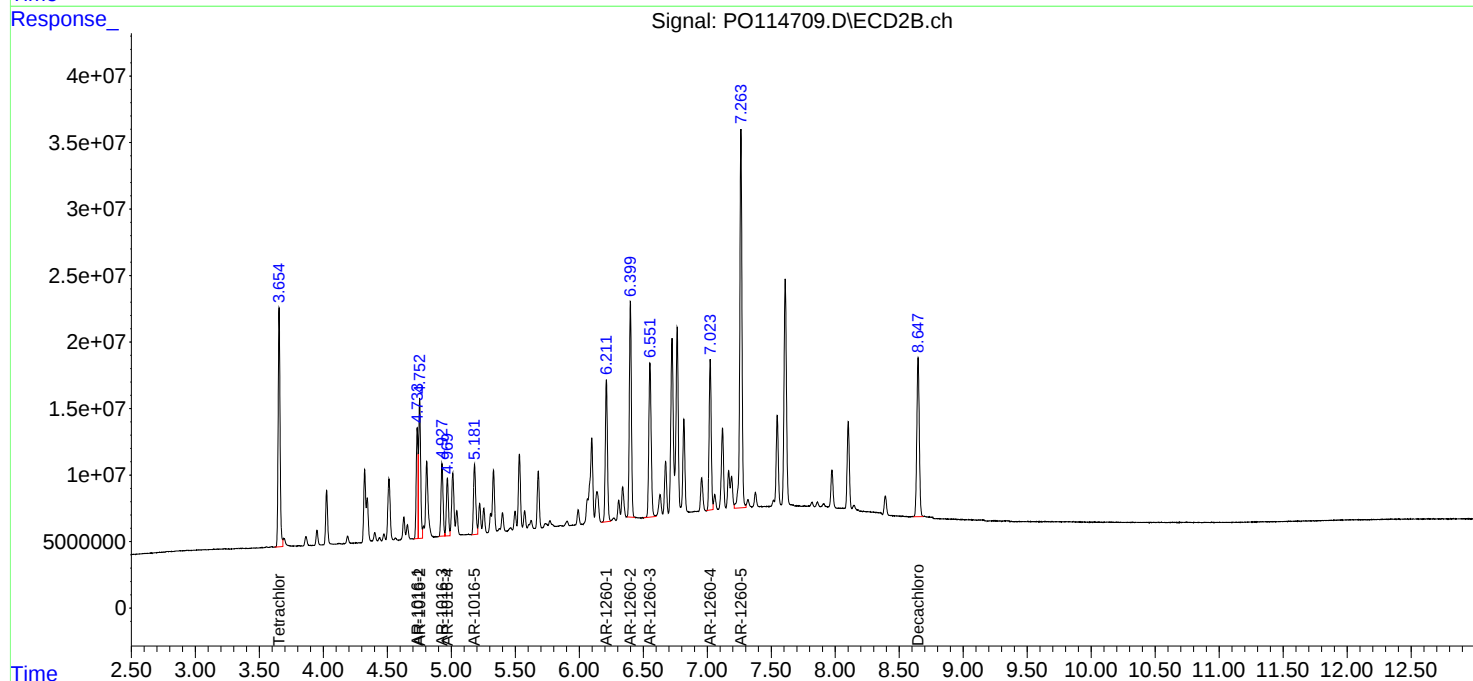
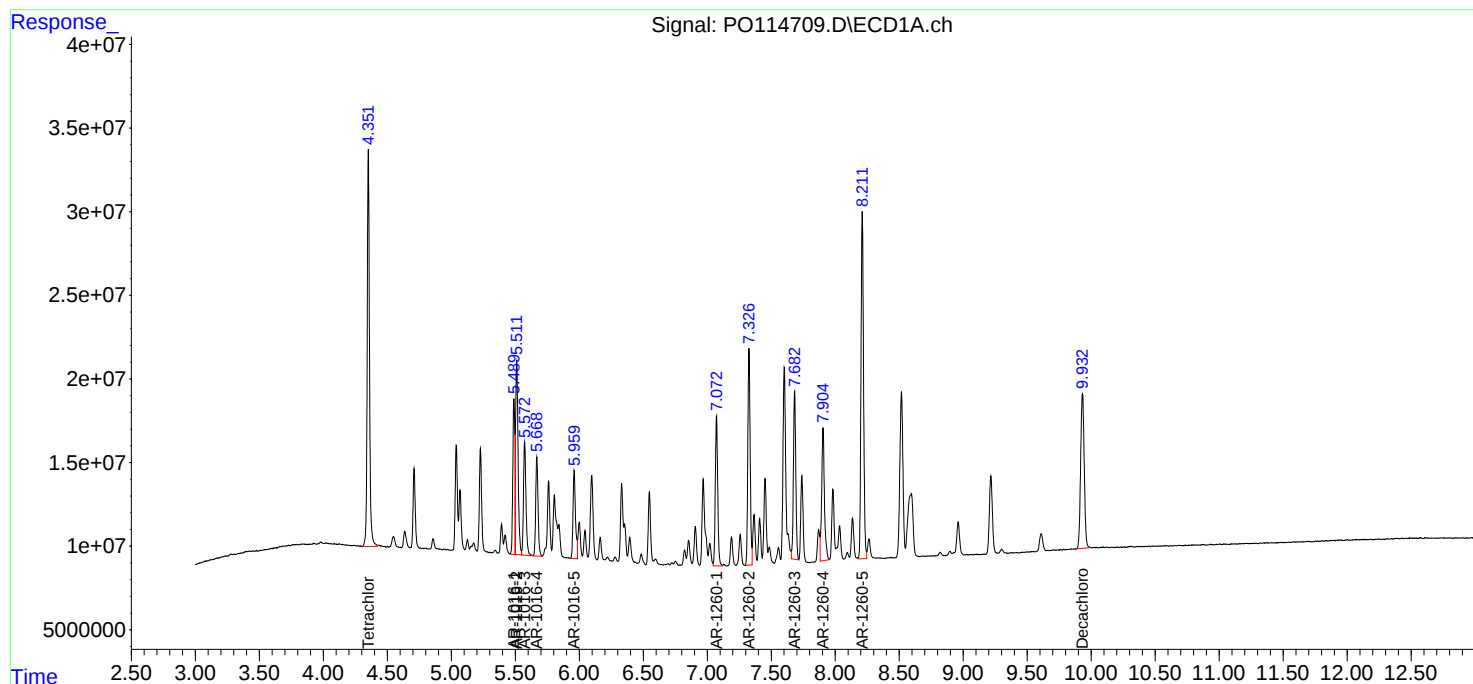
Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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





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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 14:35

Initial Calibration Time(s): 09:06 17:01

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	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.54	8.55	8.45	8.65	0.01
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/21/2025

10/21/2025

Continuing Calib Time: 14:35

Initial Calibration Time(s): 09:06

17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076126.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.790	5.695	5.895	515.540	500.000	3.1
Aroclor-1016-2	5.811	5.717	5.917	514.030	500.000	2.8
Aroclor-1016-3	5.874	5.780	5.980	515.830	500.000	3.2
Aroclor-1016-4	5.971	5.877	6.077	517.190	500.000	3.4
Aroclor-1016-5	6.263	6.169	6.369	506.700	500.000	1.3
Aroclor-1260-1	7.381	7.287	7.487	549.360	500.000	9.9
Aroclor-1260-2	7.633	7.540	7.740	521.250	500.000	4.3
Aroclor-1260-3	7.992	7.899	8.099	543.700	500.000	8.7
Aroclor-1260-4	8.219	8.127	8.327	558.900	500.000	11.8
Aroclor-1260-5	8.544	8.452	8.652	522.930	500.000	4.6
Decachlorobiphenyl	10.407	10.319	10.519	51.990	50.000	4.0
Tetrachloro-m-xylene	4.639	4.542	4.742	51.490	50.000	3.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076126.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.871	4.778	4.978	546.360	500.000	9.3
Aroclor-1016-2	4.931	4.836	5.036	529.640	500.000	5.9
Aroclor-1016-3	5.050	4.954	5.154	509.890	500.000	2.0
Aroclor-1016-4	5.091	4.996	5.196	562.330	500.000	12.5
Aroclor-1016-5	5.305	5.210	5.410	515.240	500.000	3.0
Aroclor-1260-1	6.332	6.238	6.438	546.780	500.000	9.4
Aroclor-1260-2	6.519	6.425	6.625	556.220	500.000	11.2
Aroclor-1260-3	6.672	6.578	6.778	542.250	500.000	8.5
Aroclor-1260-4	7.140	7.047	7.247	548.730	500.000	9.7
Aroclor-1260-5	7.381	7.287	7.487	540.840	500.000	8.2
Decachlorobiphenyl	8.774	8.682	8.882	46.520	50.000	-7.0
Tetrachloro-m-xylene	3.779	3.681	3.881	56.460	50.000	12.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
 Data File : PP076126.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 14:35
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:39:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:40:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.639	3.779	73579892	373.7E6	51.487	56.459
2)	SA Decachlor...	10.407	8.774	55972924	382.5E6	51.994	46.517
Target Compounds							
3)	L1 AR-1016-1	5.790	4.871	30481740	404.4E6	515.538	546.356m
4)	L1 AR-1016-2	5.811	4.931	45463224	181.1E6	514.033	529.644
5)	L1 AR-1016-3	5.874	5.050	28551734	104.7E6	515.830	509.893
6)	L1 AR-1016-4	5.971	5.091	23501379	105.1E6	517.194	562.333
7)	L1 AR-1016-5	6.263	5.305	21993764	117.5E6	506.704	515.243
31)	L7 AR-1260-1	7.381	6.332	37772229	299.5E6	549.361	546.780
32)	L7 AR-1260-2	7.633	6.519	46692308	452.6E6	521.252	556.218
33)	L7 AR-1260-3	7.992	6.672	37670806	305.2E6	543.696	542.252
34)	L7 AR-1260-4	8.219	7.140	38324466	285.0E6	558.899	548.726
35)	L7 AR-1260-5	8.544	7.381	77367997	733.1E6	522.928	540.835

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

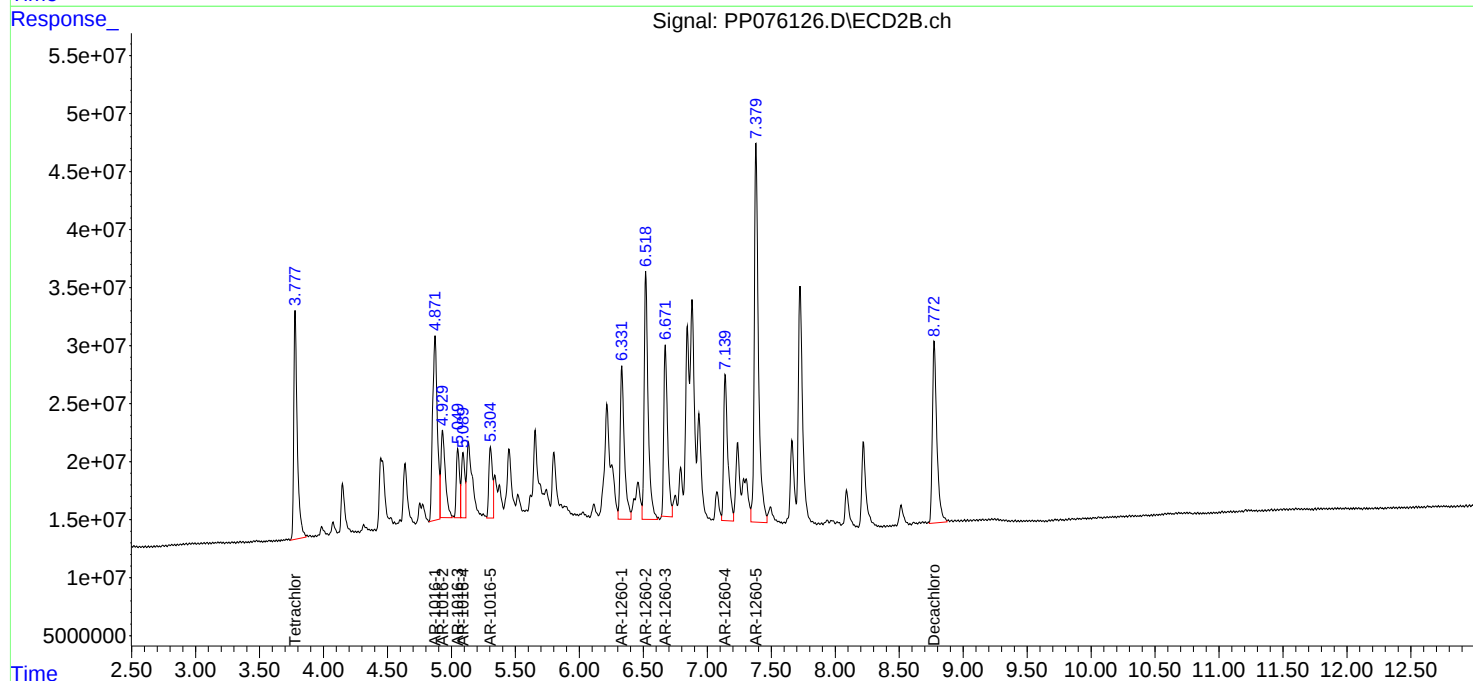
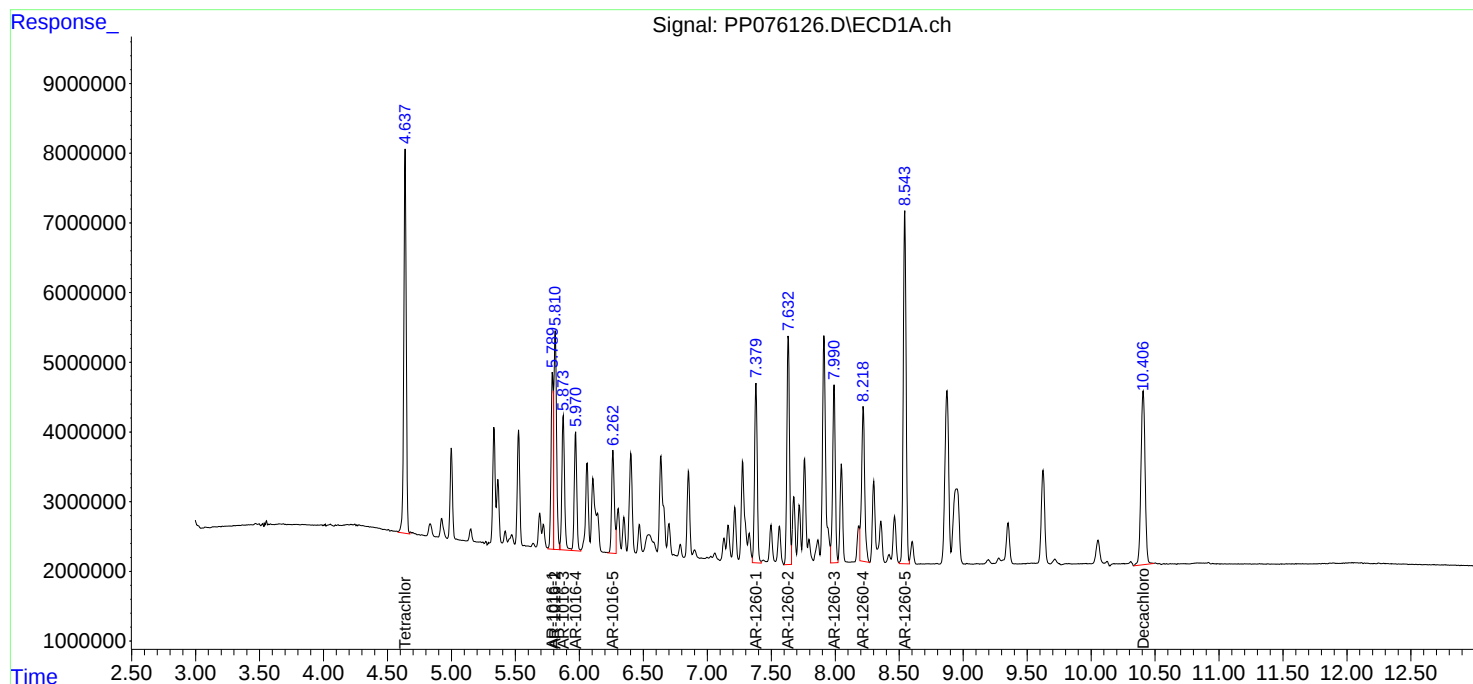
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:39:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 19:44

Initial Calibration Time(s): 09:06 17:01

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	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/28/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 19:44

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076142.D **Time Analyzed:** 19:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.791	5.695	5.895	509.290	500.000	1.9
Aroclor-1016-2	5.812	5.717	5.917	519.210	500.000	3.8
Aroclor-1016-3	5.875	5.780	5.980	512.070	500.000	2.4
Aroclor-1016-4	5.972	5.877	6.077	516.790	500.000	3.4
Aroclor-1016-5	6.264	6.169	6.369	506.220	500.000	1.2
Aroclor-1260-1	7.381	7.287	7.487	537.190	500.000	7.4
Aroclor-1260-2	7.634	7.540	7.740	504.740	500.000	0.9
Aroclor-1260-3	7.992	7.899	8.099	528.380	500.000	5.7
Aroclor-1260-4	8.220	8.127	8.327	563.830	500.000	12.8
Aroclor-1260-5	8.545	8.452	8.652	521.070	500.000	4.2
Decachlorobiphenyl	10.407	10.319	10.519	51.440	50.000	2.9
Tetrachloro-m-xylene	4.639	4.542	4.742	52.070	50.000	4.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/28/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076142.D **Time Analyzed:** 19:44

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.874	4.778	4.978	557.140	500.000	11.4
Aroclor-1016-2	4.930	4.836	5.036	551.490	500.000	10.3
Aroclor-1016-3	5.051	4.954	5.154	511.650	500.000	2.3
Aroclor-1016-4	5.092	4.996	5.196	561.810	500.000	12.4
Aroclor-1016-5	5.306	5.210	5.410	532.360	500.000	6.5
Aroclor-1260-1	6.332	6.238	6.438	551.380	500.000	10.3
Aroclor-1260-2	6.519	6.425	6.625	539.130	500.000	7.8
Aroclor-1260-3	6.673	6.578	6.778	527.040	500.000	5.4
Aroclor-1260-4	7.141	7.047	7.247	563.200	500.000	12.6
Aroclor-1260-5	7.382	7.287	7.487	515.060	500.000	3.0
Decachlorobiphenyl	8.774	8.682	8.882	45.340	50.000	-9.3
Tetrachloro-m-xylene	3.779	3.681	3.881	55.170	50.000	10.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
 Data File : PP076142.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 19:44
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:44:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:40:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.639	3.779	74417269	365.2E6	52.073	55.173
2) SA Decachlor...	10.407	8.774	55377499	372.8E6	51.441	45.337
Target Compounds						
3) L1 AR-1016-1	5.791	4.874	30112624	412.4E6	509.295	557.135
4) L1 AR-1016-2	5.812	4.930	45921415	188.6E6	519.214	551.494
5) L1 AR-1016-3	5.875	5.051	28343851	105.1E6	512.075	511.649
6) L1 AR-1016-4	5.972	5.092	23482854	105.0E6	516.786	561.814
7) L1 AR-1016-5	6.264	5.306	21972554	121.4E6	506.216	532.363
31) L7 AR-1260-1	7.381	6.332	36935471	302.0E6	537.192	551.384
32) L7 AR-1260-2	7.634	6.519	45213339	438.7E6	504.741	539.128
33) L7 AR-1260-3	7.992	6.673	36609449	296.6E6	528.377	527.044
34) L7 AR-1260-4	8.220	7.141	38662292	292.5E6	563.825	563.196
35) L7 AR-1260-5	8.545	7.382	77092578	698.2E6	521.066	515.063

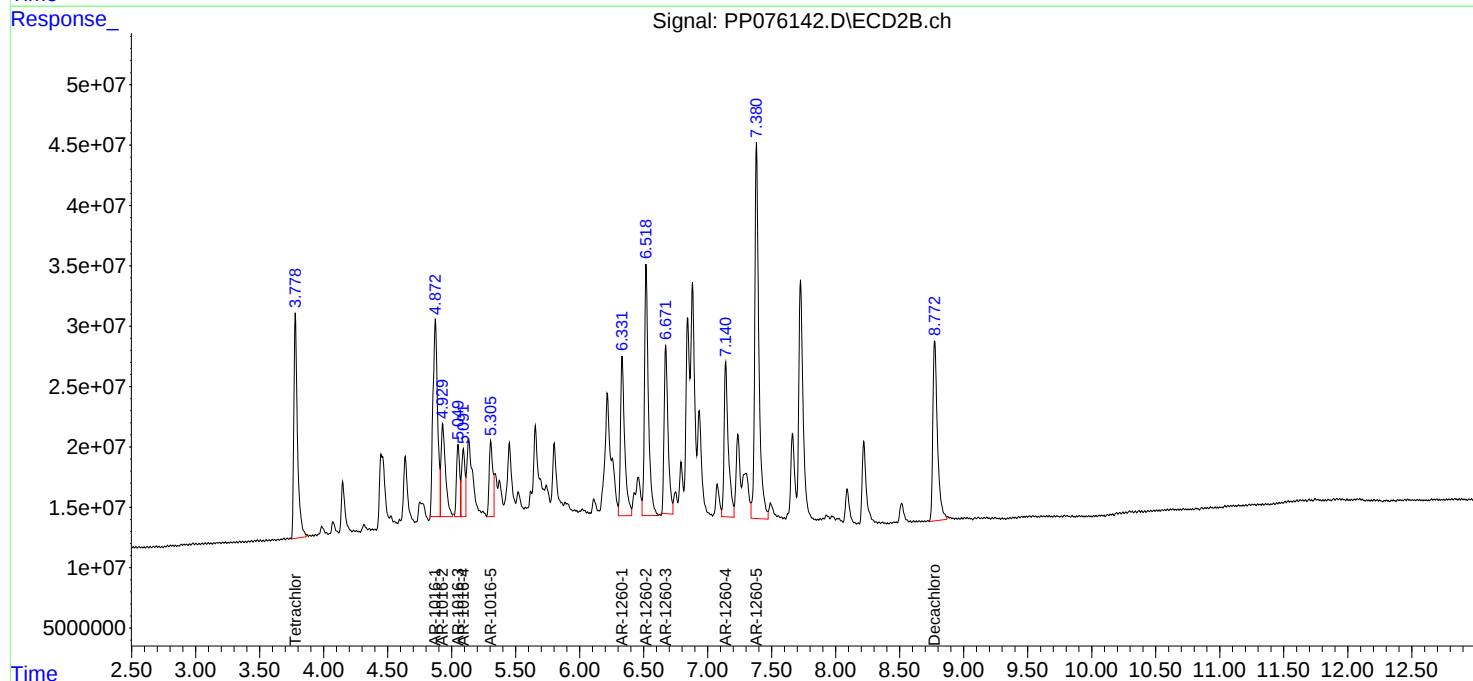
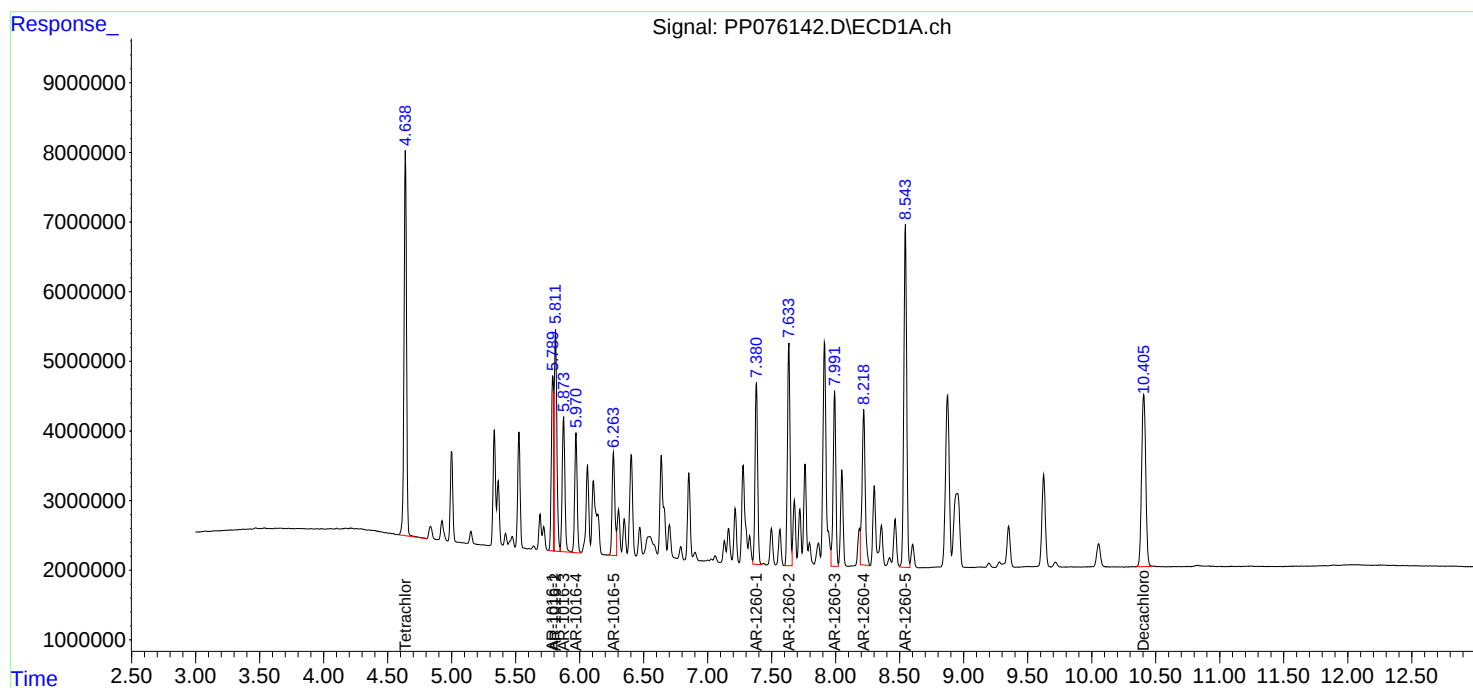
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076142.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 19:44
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:44:35 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/29/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 09:48

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM TO		DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/29/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 09:48

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/29/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076148.D **Time Analyzed:** 09:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.794	5.695	5.895	527.180	500.000	5.4
Aroclor-1016-2	5.815	5.717	5.917	536.660	500.000	7.3
Aroclor-1016-3	5.878	5.780	5.980	527.600	500.000	5.5
Aroclor-1016-4	5.975	5.877	6.077	534.540	500.000	6.9
Aroclor-1016-5	6.267	6.169	6.369	523.280	500.000	4.7
Aroclor-1260-1	7.385	7.287	7.487	556.850	500.000	11.4
Aroclor-1260-2	7.638	7.540	7.740	522.670	500.000	4.5
Aroclor-1260-3	7.996	7.899	8.099	536.890	500.000	7.4
Aroclor-1260-4	8.223	8.127	8.327	567.900	500.000	13.6
Aroclor-1260-5	8.549	8.452	8.652	521.700	500.000	4.3
Decachlorobiphenyl	10.412	10.319	10.519	51.700	50.000	3.4
Tetrachloro-m-xylene	4.642	4.542	4.742	53.500	50.000	7.0



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/29/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076148.D **Time Analyzed:** 09:48

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.876	4.778	4.978	524.950	500.000	5.0
Aroclor-1016-2	4.933	4.836	5.036	540.960	500.000	8.2
Aroclor-1016-3	5.053	4.954	5.154	506.660	500.000	1.3
Aroclor-1016-4	5.093	4.996	5.196	592.930	500.000	18.6
Aroclor-1016-5	5.308	5.210	5.410	524.670	500.000	4.9
Aroclor-1260-1	6.335	6.238	6.438	550.050	500.000	10.0
Aroclor-1260-2	6.521	6.425	6.625	564.370	500.000	12.9
Aroclor-1260-3	6.675	6.578	6.778	569.060	500.000	13.8
Aroclor-1260-4	7.143	7.047	7.247	584.200	500.000	16.8
Aroclor-1260-5	7.384	7.287	7.487	541.930	500.000	8.4
Decachlorobiphenyl	8.777	8.682	8.882	44.830	50.000	-10.3
Tetrachloro-m-xylene	3.782	3.681	3.881	55.500	50.000	11.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
 Data File : PP076148.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2025 09:48
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:21:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:40:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.642	3.782	76454487	367.3E6	53.499	55.503
2) SA Decachlor...	10.412	8.777	55658044	368.6E6	51.701	44.826
Target Compounds						
3) L1 AR-1016-1	5.794	4.876	31170009	388.6E6	527.178	524.947
4) L1 AR-1016-2	5.815	4.933	47463995	185.0E6	536.655	540.961
5) L1 AR-1016-3	5.878	5.053	29203247	104.0E6	527.601	506.660
6) L1 AR-1016-4	5.975	5.093	24289599	110.8E6	534.540	592.927
7) L1 AR-1016-5	6.267	5.308	22713170	119.6E6	523.278	524.667
31) L7 AR-1260-1	7.385	6.335	38287122	301.3E6	556.850	550.053
32) L7 AR-1260-2	7.638	6.521	46819145	459.2E6	522.668	564.369
33) L7 AR-1260-3	7.996	6.675	37199053	320.2E6	536.887	569.062
34) L7 AR-1260-4	8.223	7.143	38941827	303.4E6	567.902	584.199
35) L7 AR-1260-5	8.549	7.384	77186544	734.6E6	521.701	541.929

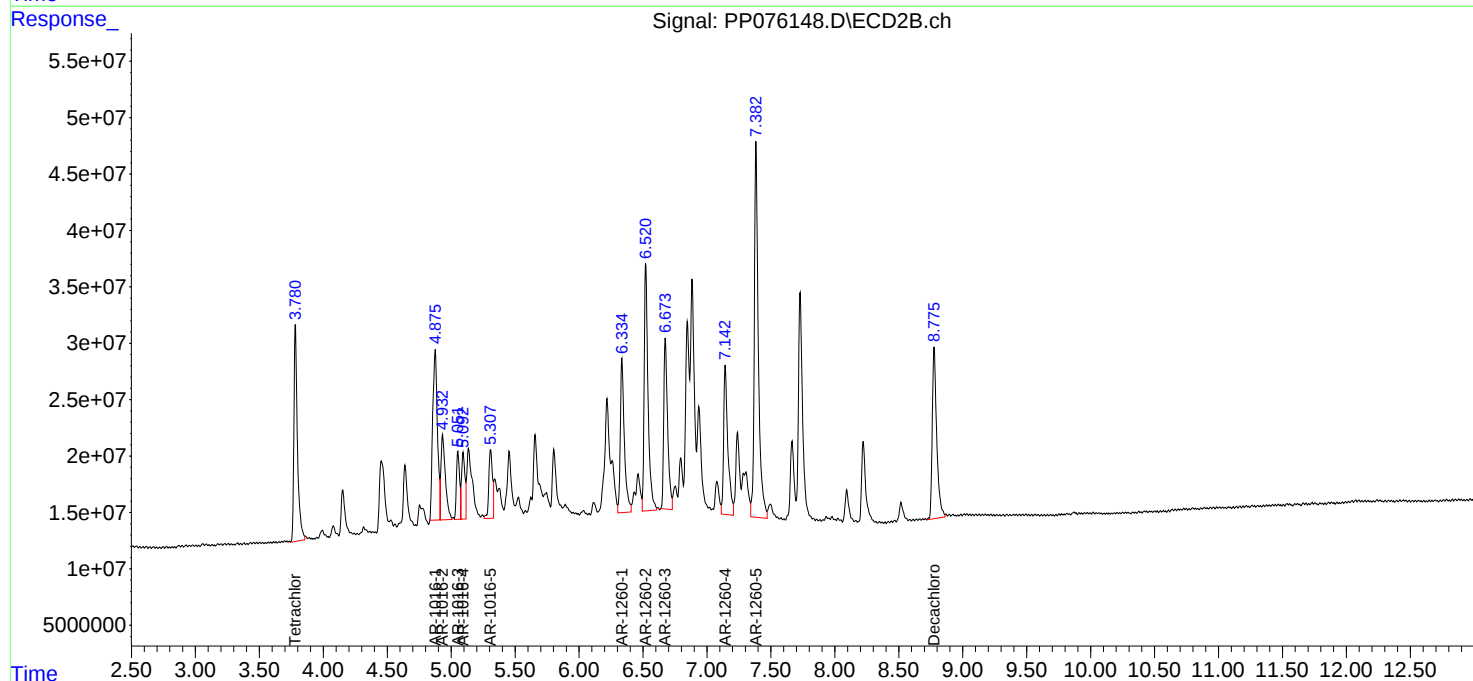
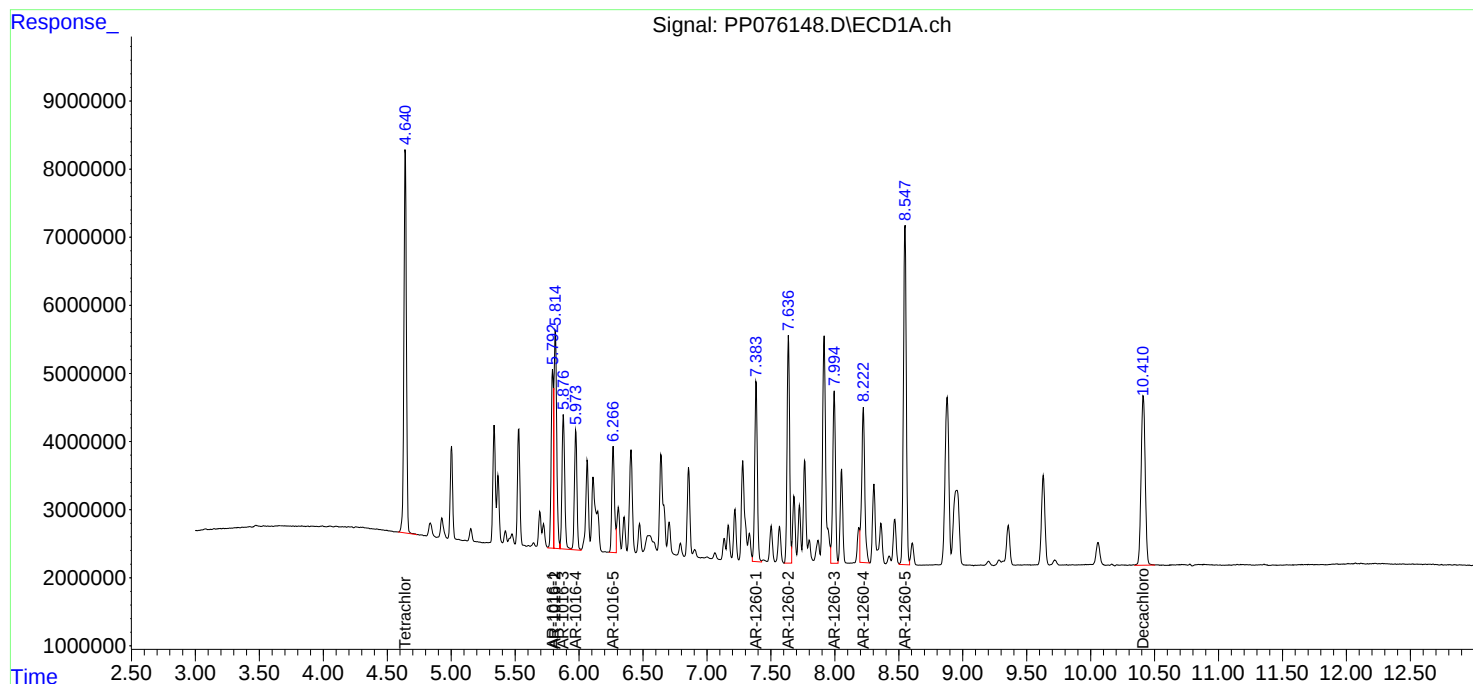
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
Data File : PP076148.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 09:48
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:21:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/29/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 13:54

Initial Calibration Time(s): 09:06 17:01

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	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Continuing Calib Date: 10/29/2025

Initial Calibration Date(s): 10/21/2025 10/21/2025

Continuing Calib Time: 13:54

Initial Calibration Time(s): 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/29/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076159.D **Time Analyzed:** 13:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.792	5.695	5.895	519.020	500.000	3.8
Aroclor-1016-2	5.814	5.717	5.917	524.310	500.000	4.9
Aroclor-1016-3	5.877	5.780	5.980	521.970	500.000	4.4
Aroclor-1016-4	5.974	5.877	6.077	532.020	500.000	6.4
Aroclor-1016-5	6.266	6.169	6.369	509.200	500.000	1.8
Aroclor-1260-1	7.383	7.287	7.487	555.450	500.000	11.1
Aroclor-1260-2	7.636	7.540	7.740	519.380	500.000	3.9
Aroclor-1260-3	7.994	7.899	8.099	530.420	500.000	6.1
Aroclor-1260-4	8.222	8.127	8.327	563.120	500.000	12.6
Aroclor-1260-5	8.547	8.452	8.652	512.640	500.000	2.5
Decachlorobiphenyl	10.410	10.319	10.519	51.560	50.000	3.1
Tetrachloro-m-xylene	4.641	4.542	4.742	52.610	50.000	5.2



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** MATR02
Lab Code: ACE **SDG NO.:** Q3461
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/29/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP076159.D **Time Analyzed:** 13:54

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.875	4.778	4.978	531.490	500.000	6.3
Aroclor-1016-2	4.934	4.836	5.036	528.010	500.000	5.6
Aroclor-1016-3	5.052	4.954	5.154	514.810	500.000	3.0
Aroclor-1016-4	5.094	4.996	5.196	559.270	500.000	11.9
Aroclor-1016-5	5.308	5.210	5.410	508.700	500.000	1.7
Aroclor-1260-1	6.335	6.238	6.438	544.530	500.000	8.9
Aroclor-1260-2	6.522	6.425	6.625	525.290	500.000	5.1
Aroclor-1260-3	6.676	6.578	6.778	522.330	500.000	4.5
Aroclor-1260-4	7.144	7.047	7.247	521.530	500.000	4.3
Aroclor-1260-5	7.384	7.287	7.487	492.810	500.000	-1.4
Decachlorobiphenyl	8.777	8.682	8.882	43.210	50.000	-13.6
Tetrachloro-m-xylene	3.781	3.681	3.881	56.470	50.000	12.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
 Data File : PP076159.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2025 13:54
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:24:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:40:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.641	3.781	75178013	373.7E6	52.605	56.468
2) SA Decachlor...	10.410	8.777	55505177	355.4E6	51.559	43.214
Target Compounds						
3) L1 AR-1016-1	5.792	4.875	30687840	393.4E6	519.024	531.491
4) L1 AR-1016-2	5.814	4.934	46372214	180.5E6	524.311	528.013
5) L1 AR-1016-3	5.877	5.052	28891466	105.7E6	521.968	514.813
6) L1 AR-1016-4	5.974	5.094	24175221	104.5E6	532.023	559.265
7) L1 AR-1016-5	6.266	5.308	22101954	116.0E6	509.197	508.701
31) L7 AR-1260-1	7.383	6.335	38190906	298.2E6	555.451	544.533
32) L7 AR-1260-2	7.636	6.522	46524436	427.4E6	519.378	525.289
33) L7 AR-1260-3	7.994	6.676	36751302	293.9E6	530.425	522.330
34) L7 AR-1260-4	8.222	7.144	38614109	270.8E6	563.123	521.530
35) L7 AR-1260-5	8.547	7.384	75846637	668.0E6	512.645	492.812

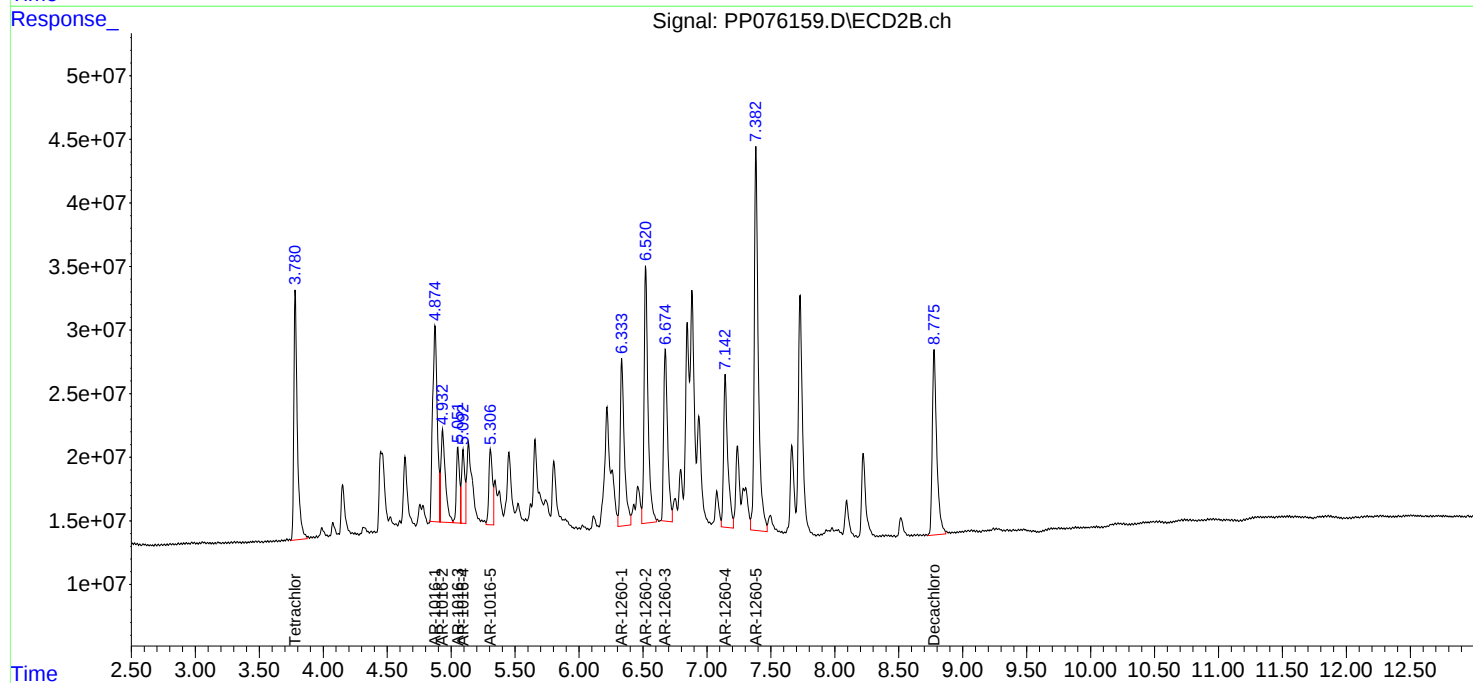
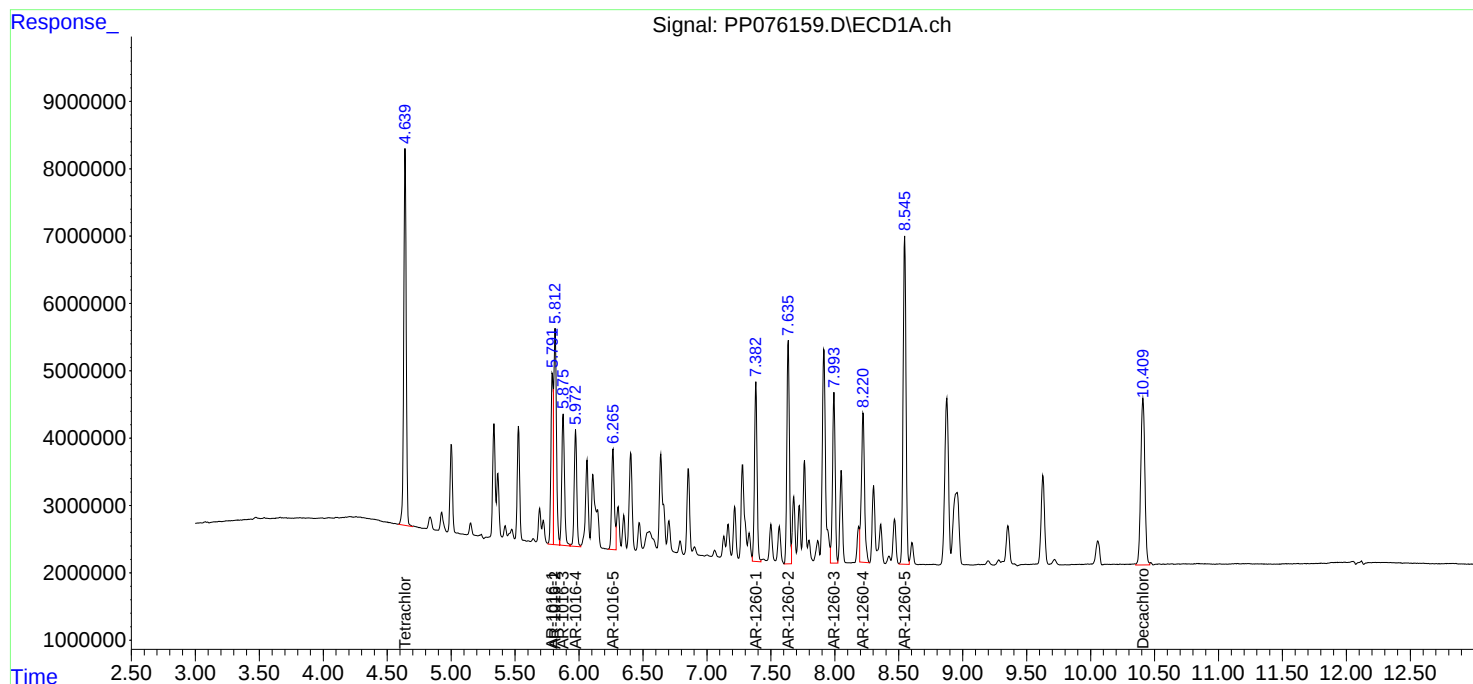
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
Data File : PP076159.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 13:54
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:24:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Analytical Sequence

Client: Matrix New World Engineering	SDG No.: Q3461
Project: PSEG Athenia Substation	Instrument ID: ECD_O
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 10/09/2025 10/09/2025

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	10/09/2025	13:55	PO114312.D	9.93	4.36
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	9.93	4.36
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	9.93	4.36
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	9.93	4.36
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	9.93	4.36
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	9.93	4.36
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	9.93	4.36
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	9.93	4.36
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	9.93	4.36
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	9.93	4.36
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	9.93	4.36
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	9.93	4.36
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	9.93	4.36
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	9.93	4.36
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	9.93	4.36
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	9.93	4.36
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	9.93	4.36
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	9.93	4.36
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	9.93	4.36
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	9.93	4.36
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	9.93	4.36
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	9.93	4.36
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	9.93	4.36
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	9.93	4.36
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	9.93	4.36
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	9.93	4.36
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	9.93	4.36
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	9.93	4.36
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	9.93	4.36
AR1660CCC500	AR1660CCC500	10/28/2025	09:33	PO114694.D	9.93	4.35
IBLK	IBLK	10/28/2025	11:23	PO114699.D	9.93	4.35
SS-9R(4.5-5.0)	Q3461-01	10/28/2025	11:52	PO114700.D	9.94	4.36
SS-9R(5.0-5.5)	Q3461-02	10/28/2025	12:10	PO114701.D	9.93	4.35
SS-25(4.5-5.0)	Q3461-03	10/28/2025	12:29	PO114702.D	9.93	4.35
SS-25(5.0-5.5)	Q3461-04	10/28/2025	12:47	PO114703.D	9.93	4.35
SS-9R(4.5-5.0)DL	Q3461-01DL	10/28/2025	13:24	PO114705.D	9.93	4.35
SS-9R(5.0-5.5)DL	Q3461-02DL	10/28/2025	13:42	PO114706.D	0.00	0.00
SS-9R(4.5-5.0)MS	Q3461-01MS	10/28/2025	14:00	PO114707.D	9.93	4.35
SS-9R(4.5-5.0)MSD	Q3461-01MSD	10/28/2025	14:19	PO114708.D	9.93	4.35
AR1660CCC500	AR1660CCC500	10/28/2025	15:28	PO114709.D	9.93	4.35
IBLK	IBLK	10/28/2025	16:41	PO114713.D	9.93	4.35
IBLK	IBLK	10/21/2025	08:49	PP075887.D	10.42	4.64

Analytical Sequence

AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/28/2025	14:35	PP076126.D	10.41	4.64
IBLK	IBLK	10/28/2025	15:57	PP076131.D	10.41	4.64
PB170282BL	PB170282BL	10/28/2025	16:13	PP076132.D	10.41	4.64
AR1660CCC500	AR1660CCC500	10/28/2025	19:44	PP076142.D	10.41	4.64
IBLK	IBLK	10/28/2025	21:21	PP076146.D	10.41	4.64
AR1660CCC500	AR1660CCC500	10/29/2025	09:48	PP076148.D	10.41	4.64
IBLK	IBLK	10/29/2025	10:53	PP076152.D	10.41	4.64
PB170282BS	PB170282BS	10/29/2025	11:10	PP076153.D	10.41	4.64
AR1660CCC500	AR1660CCC500	10/29/2025	13:54	PP076159.D	10.41	4.64
IBLK	IBLK	10/29/2025	14:59	PP076163.D	10.42	4.64

Analytical Sequence

Client: Matrix New World Engineering	SDG No.: Q3461
Project: PSEG Athenia Substation	Instrument ID: ECD_O
GC Column: ZB-MR2	ID: 0.32 (mm) Inst. Calib. Date(s): 10/09/2025 10/09/2025

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	10/09/2025	13:55	PO114312.D	8.67	3.66
AR1660ICC1000	AR1660ICC1000	10/09/2025	14:14	PO114313.D	8.67	3.66
AR1660ICC750	AR1660ICC750	10/09/2025	14:32	PO114314.D	8.67	3.66
AR1660ICC500	AR1660ICC500	10/09/2025	14:50	PO114315.D	8.67	3.66
AR1660ICC250	AR1660ICC250	10/09/2025	15:09	PO114316.D	8.67	3.66
AR1660ICC050	AR1660ICC050	10/09/2025	15:27	PO114317.D	8.67	3.66
AR1221ICC500	AR1221ICC500	10/09/2025	15:45	PO114318.D	8.67	3.66
AR1232ICC500	AR1232ICC500	10/09/2025	16:04	PO114319.D	8.67	3.66
AR1242ICC1000	AR1242ICC1000	10/09/2025	16:22	PO114320.D	8.67	3.66
AR1242ICC750	AR1242ICC750	10/09/2025	16:40	PO114321.D	8.67	3.66
AR1242ICC500	AR1242ICC500	10/09/2025	16:59	PO114322.D	8.67	3.66
AR1242ICC250	AR1242ICC250	10/09/2025	17:17	PO114323.D	8.67	3.66
AR1242ICC050	AR1242ICC050	10/09/2025	17:35	PO114324.D	8.67	3.66
AR1248ICC1000	AR1248ICC1000	10/09/2025	17:54	PO114325.D	8.67	3.66
AR1248ICC750	AR1248ICC750	10/09/2025	18:12	PO114326.D	8.67	3.66
AR1248ICC500	AR1248ICC500	10/09/2025	18:30	PO114327.D	8.67	3.66
AR1248ICC250	AR1248ICC250	10/09/2025	18:49	PO114328.D	8.67	3.66
AR1248ICC050	AR1248ICC050	10/09/2025	19:07	PO114329.D	8.67	3.66
AR1254ICC1000	AR1254ICC1000	10/09/2025	19:26	PO114330.D	8.67	3.66
AR1254ICC750	AR1254ICC750	10/09/2025	19:44	PO114331.D	8.67	3.66
AR1254ICC500	AR1254ICC500	10/09/2025	20:02	PO114332.D	8.67	3.66
AR1254ICC250	AR1254ICC250	10/09/2025	20:21	PO114333.D	8.67	3.66
AR1254ICC050	AR1254ICC050	10/09/2025	20:39	PO114334.D	8.67	3.66
AR1262ICC500	AR1262ICC500	10/09/2025	20:57	PO114335.D	8.67	3.66
AR1268ICC1000	AR1268ICC1000	10/09/2025	21:16	PO114336.D	8.67	3.66
AR1268ICC750	AR1268ICC750	10/09/2025	21:34	PO114337.D	8.67	3.66
AR1268ICC500	AR1268ICC500	10/09/2025	21:52	PO114338.D	8.67	3.66
AR1268ICC250	AR1268ICC250	10/09/2025	22:11	PO114339.D	8.67	3.66
AR1268ICC050	AR1268ICC050	10/09/2025	22:29	PO114340.D	8.67	3.66
AR1660CCC500	AR1660CCC500	10/28/2025	09:33	PO114694.D	8.65	3.65
IBLK	IBLK	10/28/2025	11:23	PO114699.D	8.65	3.65
SS-9R(4.5-5.0)	Q3461-01	10/28/2025	11:52	PO114700.D	8.65	3.66
SS-9R(5.0-5.5)	Q3461-02	10/28/2025	12:10	PO114701.D	8.65	3.65
SS-25(4.5-5.0)	Q3461-03	10/28/2025	12:29	PO114702.D	8.65	3.65
SS-25(5.0-5.5)	Q3461-04	10/28/2025	12:47	PO114703.D	8.65	3.65
SS-9R(4.5-5.0)DL	Q3461-01DL	10/28/2025	13:24	PO114705.D	8.65	3.65
SS-9R(5.0-5.5)DL	Q3461-02DL	10/28/2025	13:42	PO114706.D	0.00	0.00
SS-9R(4.5-5.0)MS	Q3461-01MS	10/28/2025	14:00	PO114707.D	8.65	3.65
SS-9R(4.5-5.0)MSD	Q3461-01MSD	10/28/2025	14:19	PO114708.D	8.65	3.65
AR1660CCC500	AR1660CCC500	10/28/2025	15:28	PO114709.D	8.65	3.65
IBLK	IBLK	10/28/2025	16:41	PO114713.D	8.65	3.65
IBLK	IBLK	10/21/2025	08:49	PP075887.D	8.78	3.78

Analytical Sequence

AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/28/2025	14:35	PP076126.D	8.77	3.78
IBLK	IBLK	10/28/2025	15:57	PP076131.D	8.77	3.78
PB170282BL	PB170282BL	10/28/2025	16:13	PP076132.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/28/2025	19:44	PP076142.D	8.77	3.78
IBLK	IBLK	10/28/2025	21:21	PP076146.D	8.77	3.78
AR1660CCC500	AR1660CCC500	10/29/2025	09:48	PP076148.D	8.78	3.78
IBLK	IBLK	10/29/2025	10:53	PP076152.D	8.78	3.78
PB170282BS	PB170282BS	10/29/2025	11:10	PP076153.D	8.78	3.78
AR1660CCC500	AR1660CCC500	10/29/2025	13:54	PP076159.D	8.78	3.78
IBLK	IBLK	10/29/2025	14:59	PP076163.D	8.78	3.78



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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-9R(4.5-5.0)

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-01

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file P0114700.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.339	6.289	6.389	437	584	16.9
COLUMN 1	2	6.554	6.504	6.604	576		
	3	6.915	6.865	6.965	614		
	4	7.196	7.146	7.246	645		
	5	7.611	7.561	7.661	650		
COLUMN 2	1	5.535	5.485	5.585	333	493	
	2	5.681	5.631	5.731	420		
	3	6.083	6.033	6.133	531		
	4	6.312	6.262	6.362	548		
	5	6.728	6.678	6.778	635		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-9R(5.0-5.5)

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-02

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114701.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.332	6.282	6.382	16700	19000	17.14
COLUMN 1	2	6.551	6.501	6.601	17500		
	3	6.909	6.859	6.959	18600		
	4	7.187	7.137	7.237	20900		
	5	7.602	7.552	7.652	21700		
COLUMN 2	1	5.532	5.482	5.582	10700	16000	
	2	5.679	5.629	5.729	13700		
	3	6.081	6.031	6.131	17700		
	4	6.309	6.259	6.359	18000		
	5	6.726	6.676	6.776	21200		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-25(4.5-5.0)

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-03

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114702.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.331	6.281	6.381	20.8	29.2	7.83
COLUMN 1	2	6.548	6.498	6.598	24.7		
	3	6.906	6.856	6.956	28.7		
	4	7.189	7.139	7.239	32.0		
	5	7.605	7.555	7.655	39.6		
	1	5.531	5.481	5.581	17.2		
COLUMN 2	2	5.679	5.629	5.729	22.7	27.0	
	3	6.08	6.03	6.13	24.9		
	4	6.307	6.257	6.357	27.5		
	5	6.725	6.675	6.775	42.7		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-25(5.0-5.5)

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-04

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114703.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.332	6.282	6.382	43.0	60.8	10.38
COLUMN 1	2	6.548	6.498	6.598	51.4		
	3	6.908	6.858	6.958	61.0		
	4	7.19	7.14	7.24	71.7		
	5	7.605	7.555	7.655	76.8		
	1	5.532	5.482	5.582	35.7		
COLUMN 2	2	5.679	5.629	5.729	45.8	54.8	
	3	6.081	6.031	6.131	56.7		
	4	6.308	6.258	6.358	57.5		
	5	6.726	6.676	6.776	78.2		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-9R(4.5-5.0)DL

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-01DL

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114705.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.332	6.282	6.382	396	521	14.62
COLUMN 1	2	6.548	6.498	6.598	515		
	3	6.908	6.858	6.958	550		
	4	7.191	7.141	7.241	572		
	5	7.605	7.555	7.655	572		
	1	5.532	5.482	5.582	316		
COLUMN 2	2	5.679	5.629	5.729	393	450	
	3	6.082	6.032	6.132	487		
	4	6.309	6.259	6.359	485		
	5	6.726	6.676	6.776	570		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-9R(5.0-5.5)DL

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-02DL

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114706.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1254	1	6.333	6.283	6.383	11200	14000	15.38
COLUMN 1	2	6.548	6.498	6.598	13400		
	3	6.908	6.858	6.958	14800		
	4	7.189	7.139	7.239	15000		
	5	7.604	7.554	7.654	14900		
	1	5.532	5.482	5.582	8790		
COLUMN 2	2	5.679	5.629	5.729	10900	12000	
	3	6.081	6.031	6.131	13400		
	4	6.309	6.259	6.359	13100		
	5	6.725	6.675	6.775	15000		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-9R(4.5-5.0)MS

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-01MS

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114707.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.489	5.439	5.539	198	209	0.95
COLUMN 1	2	5.511	5.461	5.561	186		
	3	5.572	5.522	5.622	181		
	4	5.668	5.618	5.718	197		
	5	5.959	5.909	6.009	284		
	1	4.732	4.682	4.782	164		
COLUMN 2	2	4.752	4.702	4.802	166	211	
	3	4.927	4.877	4.977	172		
	4	4.969	4.919	5.019	308		
	5	5.181	5.131	5.231	246		
Aroclor-1254	1	6.332	6.282	6.382	420	505	16.74
COLUMN 1	2	6.548	6.498	6.598	455		
	3	6.908	6.858	6.958	464		
	4	7.189	7.139	7.239	471		
	5	7.604	7.554	7.654	712		
	1	5.532	5.482	5.582	304		
COLUMN 2	2	5.68	5.63	5.73	366	427	
	3	6.081	6.031	6.131	487		
	4	6.308	6.258	6.358	397		
	5	6.725	6.675	6.775	580		

IDENTIFICATION SUMMARY FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	7.073	7.023	7.123	410	306	6.33
	2	7.327	7.277	7.377	371		
	3	7.683	7.633	7.733	193		
	4	7.903	7.853	7.953	372		
	5	8.212	8.162	8.262	185		
COLUMN 1						326	
	1	6.212	6.162	6.262	449		
	2	6.399	6.349	6.449	378		
	3	6.551	6.501	6.601	366		
	4	7.023	6.973	7.073	190		
	5	7.263	7.213	7.313	247		
COLUMN 2							

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-9R(4.5-5.0)MSD

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: Q3461-01MSD

Date(s) Analyzed: 10/28/2025 10/28/2025

Instrument ID (1): ECD_O

Instrument ID (2): ECD_O

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

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

Data file PO114708.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.488	5.438	5.538	184	207	8.78
COLUMN 1	2	5.51	5.46	5.56	176		
	3	5.572	5.522	5.622	169		
	4	5.668	5.618	5.718	183		
	5	5.959	5.909	6.009	325		
COLUMN 2	1	4.731	4.681	4.781	154	226	
	2	4.751	4.701	4.801	156		
	3	4.925	4.875	4.975	161		
	4	4.968	4.918	5.018	381		
	5	5.179	5.129	5.229	280		
Aroclor-1254	1	6.332	6.282	6.382	619	753	16.38
COLUMN 1	2	6.548	6.498	6.598	697		
	3	6.907	6.857	6.957	730		
	4	7.189	7.139	7.239	751		
	5	7.604	7.554	7.654	967		
COLUMN 2	1	5.531	5.481	5.581	448	639	
	2	5.678	5.628	5.728	555		
	3	6.08	6.03	6.13	709		
	4	6.307	6.257	6.357	633		
	5	6.725	6.675	6.775	848		



Aroclor-1260	1	7.073	7.023	7.123	541		
	2	7.326	7.276	7.376	479		
	3	7.682	7.632	7.732	189		
	4	7.889	7.839	7.939	448		
	5	8.211	8.161	8.261	190		
COLUMN 1						369	
	1	6.211	6.161	6.261	607		
	2	6.399	6.349	6.449	482		
	3	6.55	6.5	6.6	468		
	4	7.022	6.972	7.072	208		
5	7.262	7.212	7.312	194			
COLUMN 2						392	6.04

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170282BS

Lab Name: Alliance

Contract: MATR02

Lab Code: ACE

SDG NO.: Q3461

Lab Sample ID: PB170282BS

Date(s) Analyzed: 10/29/2025 10/29/2025

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 PP076153.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.792	5.742	5.842	168	166	4.31
COLUMN 1	2	5.813	5.763	5.863	169		
	3	5.876	5.826	5.926	167		
	4	5.973	5.923	6.023	168		
	5	6.265	6.215	6.315	161		
	1	4.876	4.826	4.926	161		
COLUMN 2	2	4.933	4.883	4.983	165	159	
	3	5.054	5.004	5.104	146		
	4	5.095	5.045	5.145	162		
	5	5.308	5.258	5.358	163		
Aroclor-1260	1	7.382	7.332	7.432	182	164	4.18
COLUMN 1	2	7.635	7.585	7.685	170		
	3	7.993	7.943	8.043	149		
	4	8.22	8.17	8.27	168		
	5	8.546	8.496	8.596	149		
	1	6.335	6.285	6.385	171		
COLUMN 2	2	6.522	6.472	6.572	176	171	
	3	6.675	6.625	6.725	180		
	4	7.143	7.093	7.193	175		
	5	7.384	7.334	7.434	153		



QC SAMPLE DATA



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

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	
Project:	PSEG Athenia Substation		Date Received:	
Client Sample ID:	PB170282BL		SDG No.:	Q3461
Lab Sample ID:	PB170282BL		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541	Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	10/28/25 16:13	PB170282
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/28/25 16:13	PB170282
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/28/25 16:13	PB170282
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/28/25 16:13	PB170282
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/28/25 16:13	PB170282
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/28/25 16:13	PB170282
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/28/25 16:13	PB170282
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/28/25 16:13	PB170282
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	10/28/25 16:13	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.6			30 (32) - 150 (144)	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.3			30 (32) - 150 (175)	127%	SPK: 20		

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\PP102825\
Data File : PP076132.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 16:13
Operator : YP\AJ
Sample : PB170282BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170282BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.641	3.782	35081938	150.8E6	24.548	22.790
2) SA Decachlor...	10.408	8.777	27256477	181.3E6	25.319	22.044

Target Compounds

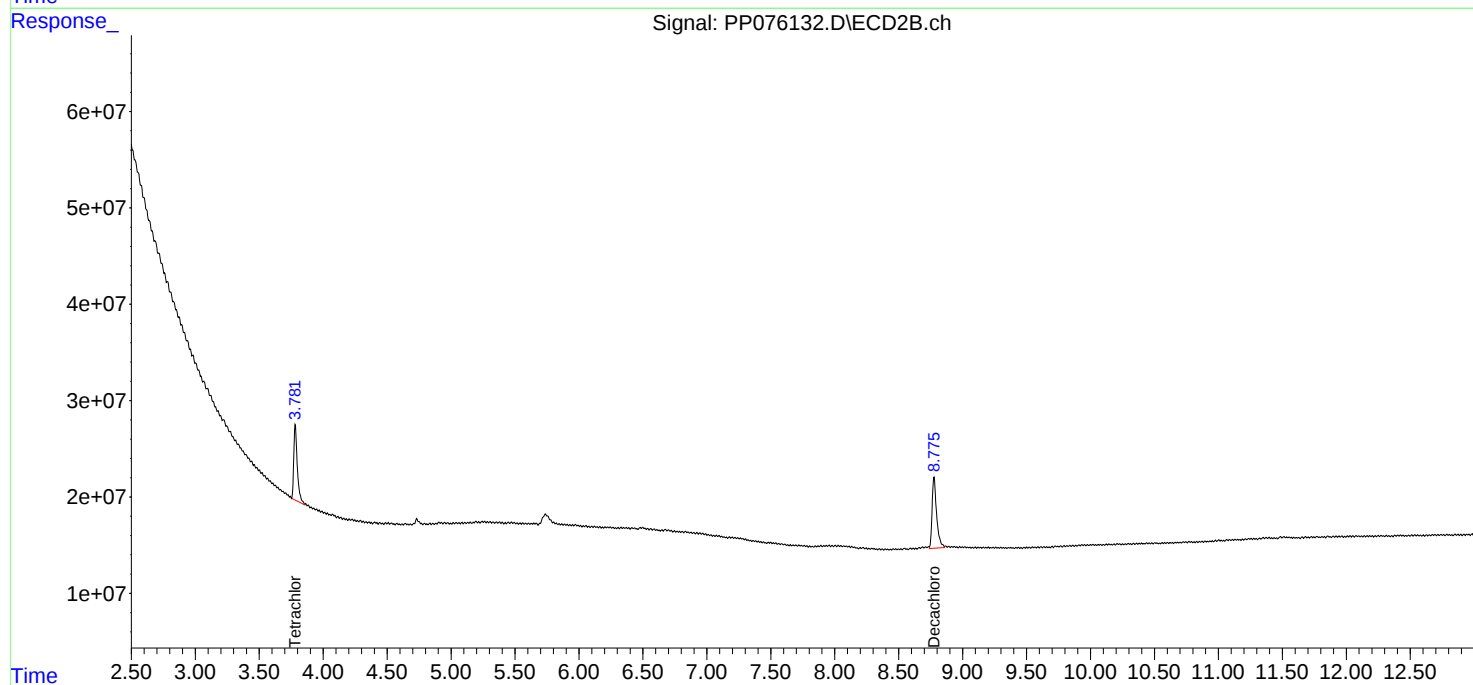
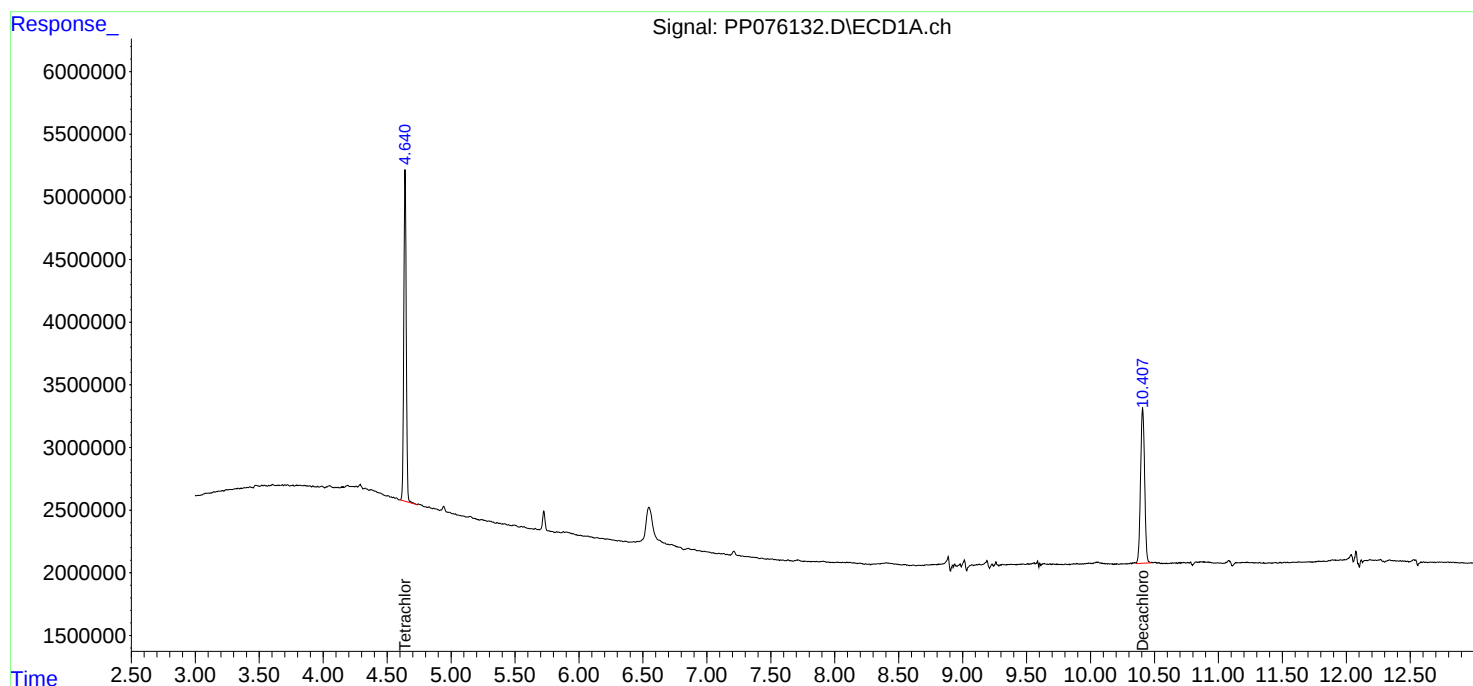
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

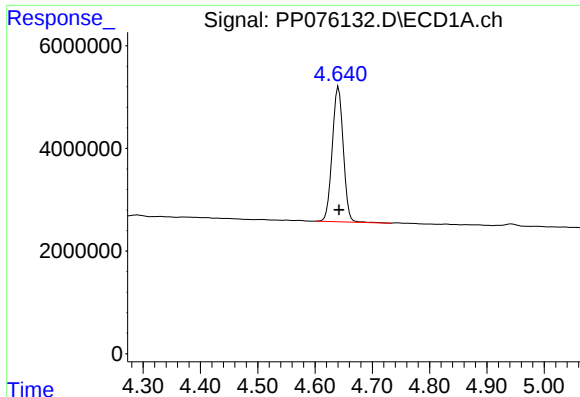
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076132.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 16:13
Operator : YP\AJ
Sample : PB170282BL
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170282BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

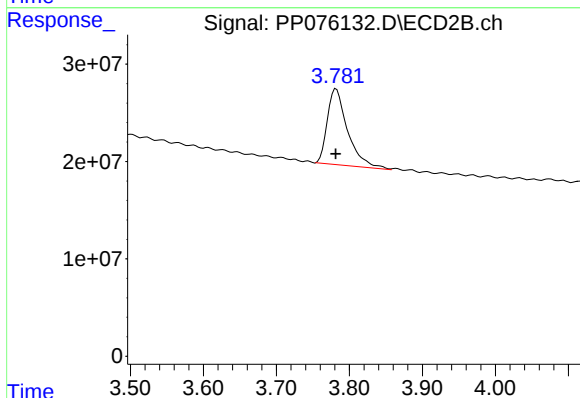




#1 Tetrachloro-m-xylene

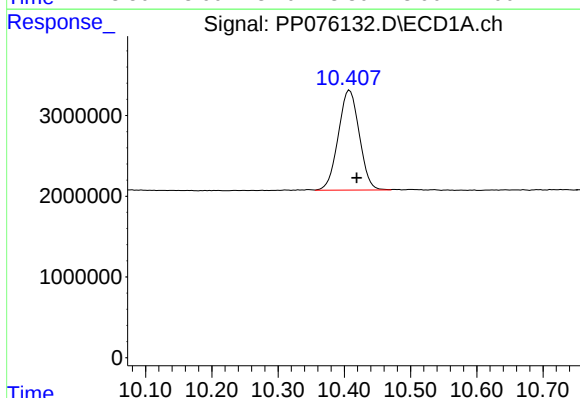
R.T.: 4.641 min
Delta R.T.: 0.000 min
Response: 35081938
Conc: 24.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170282BL



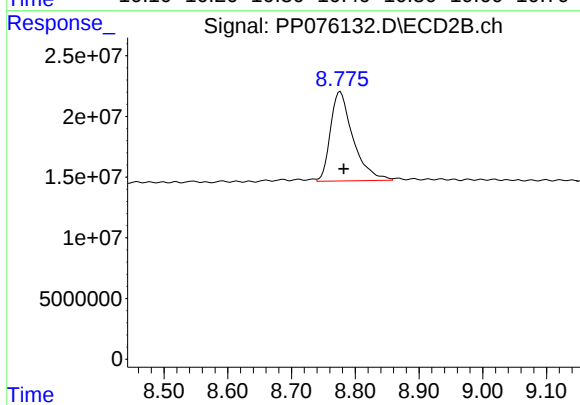
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 150830382
Conc: 22.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: -0.011 min
Response: 27256477
Conc: 25.32 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 181263666
Conc: 22.04 ng/ml

Report of Analysis

Client: Matrix New World Engineering	Date Collected: 10/09/25
Project: PSEG Athenia Substation	Date Received: 10/09/25
Client Sample ID: PIBLK-PO114312.D	SDG No.: Q3461
Lab Sample ID: I.BLK-PO114312.D	Matrix: WATER
Analytical Method: 8082A	% Solid: 0
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL	Test: PCB
Prep Method: 5030 Prep Date	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/09/25	po100925
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/09/25	po100925
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/09/25	po100925
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/09/25	po100925
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/09/25	po100925
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/09/25	po100925
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/09/25	po100925
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/09/25	po100925
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/09/25	po100925
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.6			70 (60) - 130 (140)	93%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			70 (60) - 130 (140)	95%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 13:55
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 05:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.356	3.660	101.2E6	75475125	18.647	18.858
2) SA Decachlor...	9.931	8.673	70041472	63226876	19.236	18.969

Target Compounds

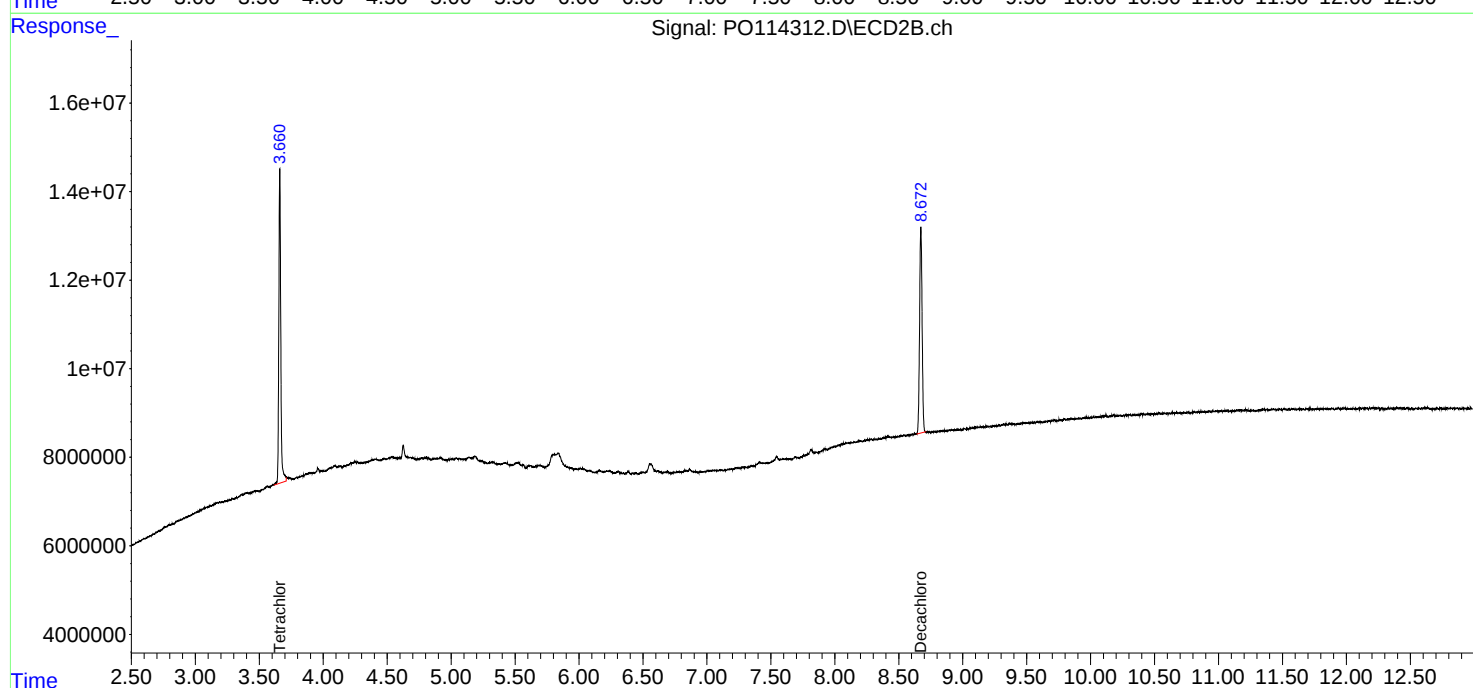
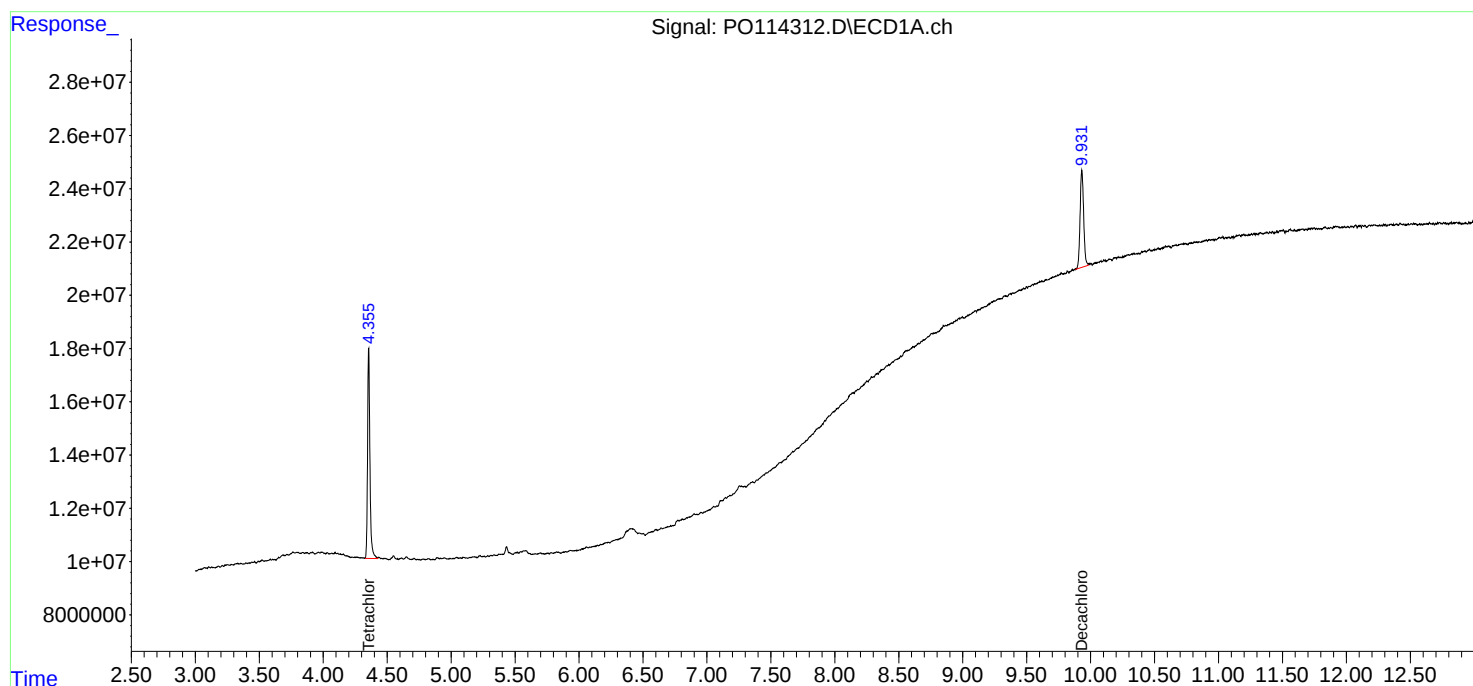
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

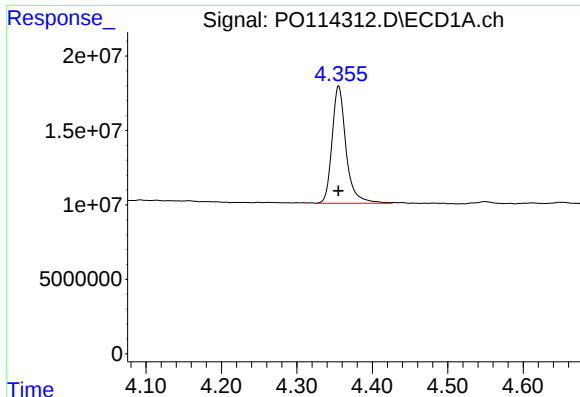
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100925\
Data File : PO114312.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Oct 2025 13:55
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 05:07:49 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 05:04:59 2025
Response via : Initial Calibration
Integrator: ChemStation

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

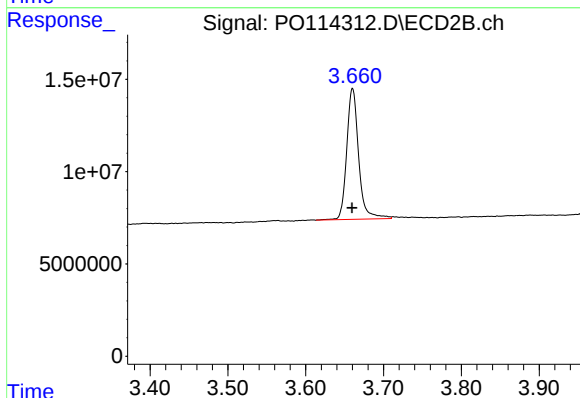




#1 Tetrachloro-m-xylene

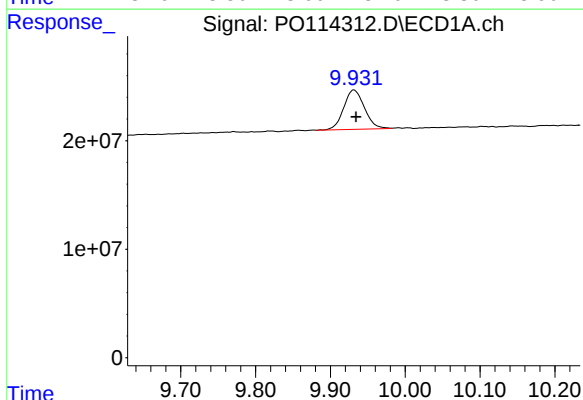
R.T.: 4.356 min
Delta R.T.: 0.000 min
Response: 101234471
Conc: 18.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK



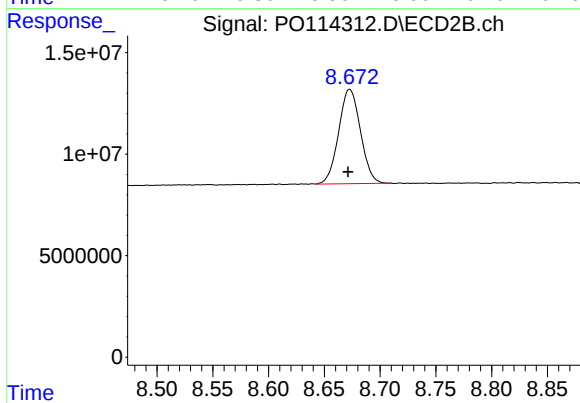
#1 Tetrachloro-m-xylene

R.T.: 3.660 min
Delta R.T.: 0.000 min
Response: 75475125
Conc: 18.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.931 min
Delta R.T.: -0.003 min
Response: 70041472
Conc: 19.24 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.673 min
Delta R.T.: 0.001 min
Response: 63226876
Conc: 18.97 ng/ml

Report of Analysis

Client: Matrix New World Engineering	Date Collected: 10/28/25
Project: PSEG Athenia Substation	Date Received: 10/28/25
Client Sample ID: PIBLK-PO114699.D	SDG No.: Q3461
Lab Sample ID: I.BLK-PO114699.D	Matrix: WATER
Analytical Method: 8082A	% Solid: 0
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL	Test: PCB
Prep Method: 5030 Prep Date	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/28/25	PO102825
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/28/25	PO102825
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/28/25	PO102825
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/28/25	PO102825
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/28/25	PO102825
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/28/25	PO102825
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/28/25	PO102825
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/28/25	PO102825
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/28/25	PO102825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.1			70 (60) - 130 (140)	90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.5			70 (60) - 130 (140)	97%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 11:23
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 28 12:46:55 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.351	3.654	110.7E6	72243390	20.388	18.051
2) SA Decachlor...	9.932	8.647	71666821	64962603	19.683	19.490m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:23
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

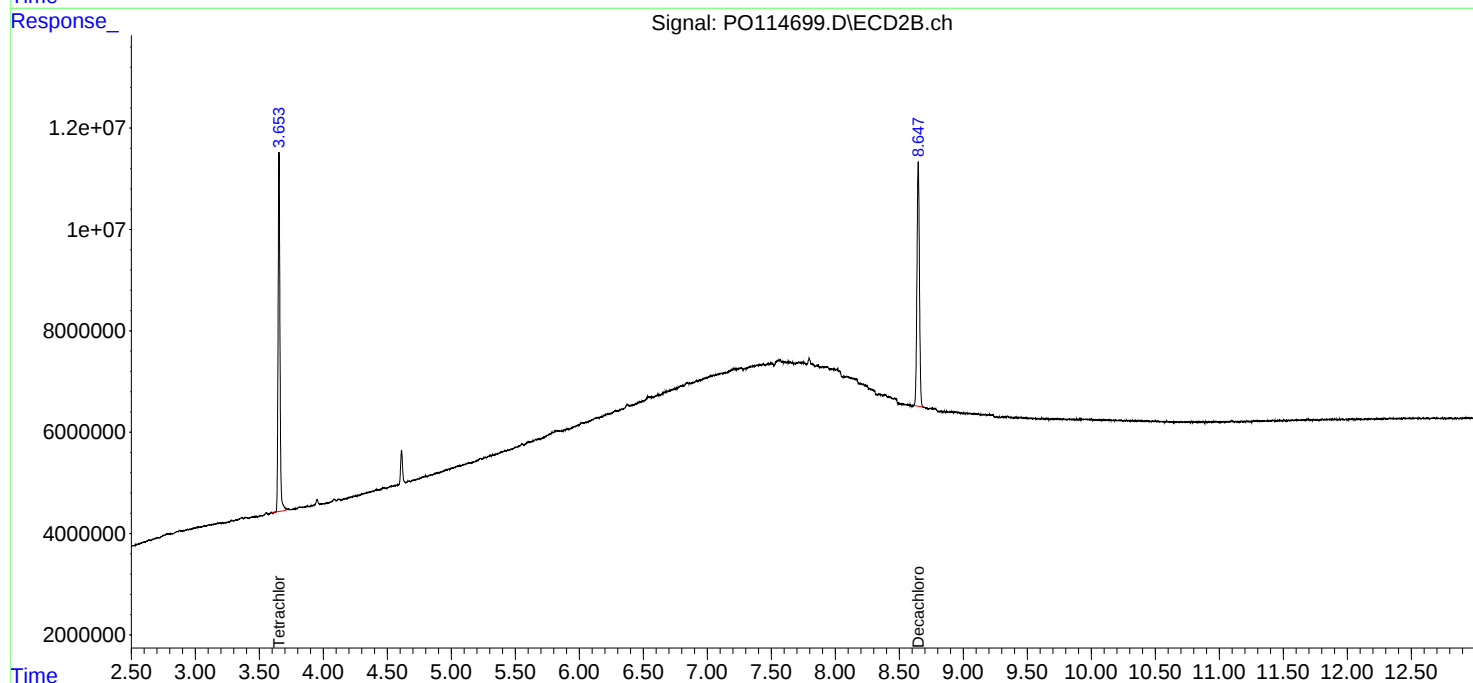
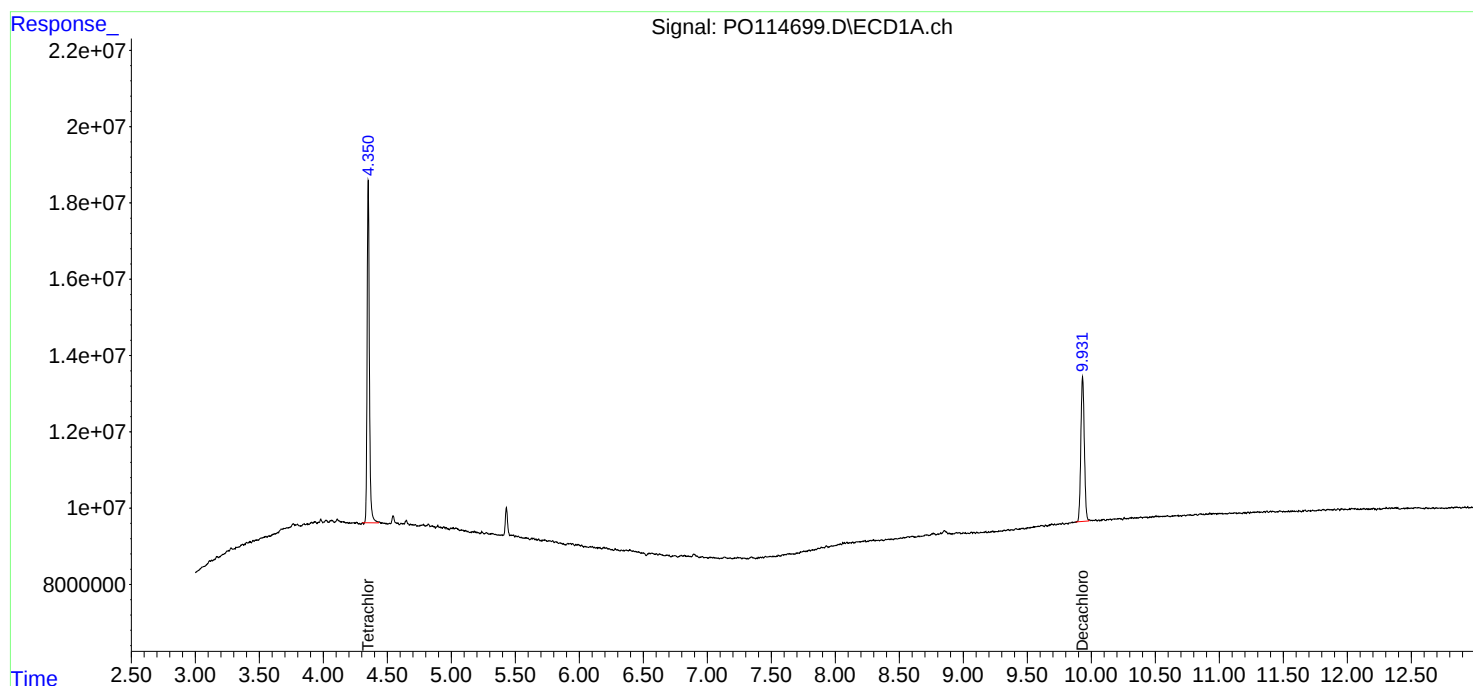
Instrument :
ECD_O
ClientSampleId :
I.BLK

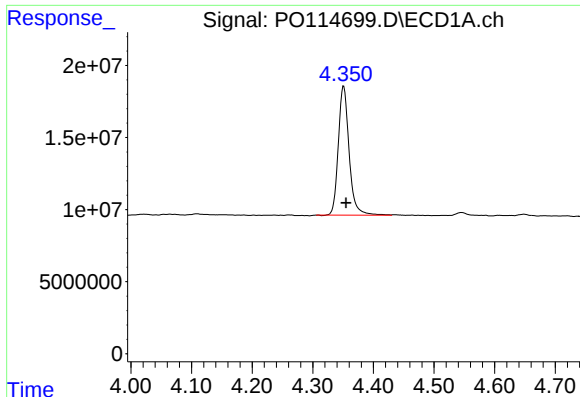
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 12:46:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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





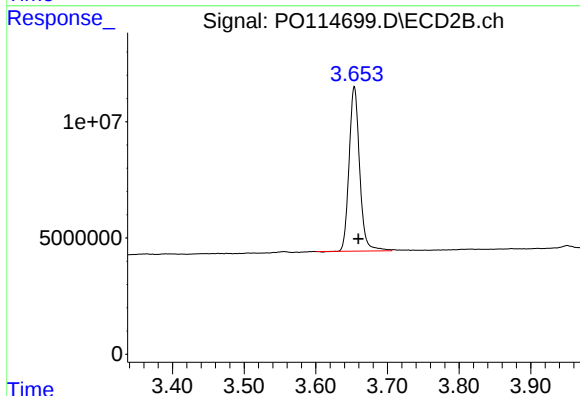
#1 Tetrachloro-m-xylene

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 110686289
Conc: 20.39 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

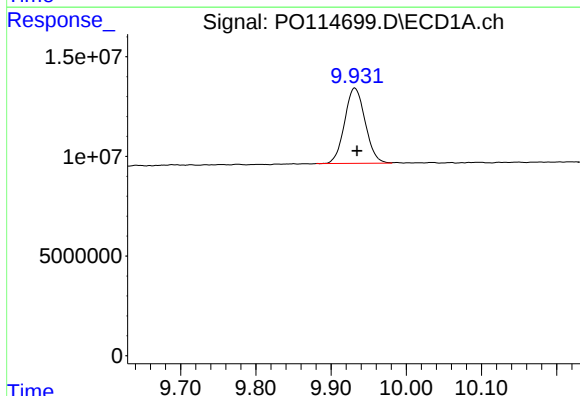
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :Sohil Jodhani 10/29/2025



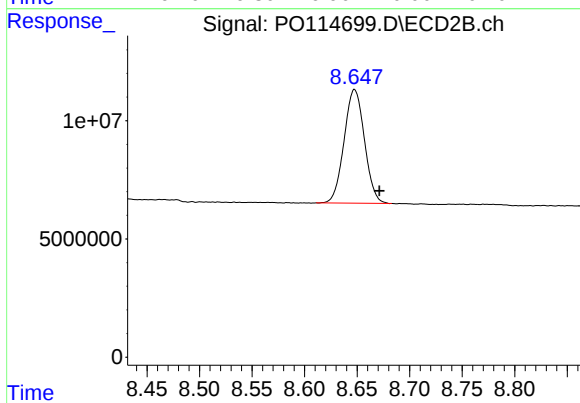
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.006 min
Response: 72243390
Conc: 18.05 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.932 min
Delta R.T.: -0.003 min
Response: 71666821
Conc: 19.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.647 min
Delta R.T.: -0.024 min
Response: 64962603
Conc: 19.49 ng/ml m

Report of Analysis

Client: Matrix New World Engineering	Date Collected: 10/28/25
Project: PSEG Athenia Substation	Date Received: 10/28/25
Client Sample ID: PIBLK-PO114713.D	SDG No.: Q3461
Lab Sample ID: I.BLK-PO114713.D	Matrix: WATER
Analytical Method: 8082A	% Solid: 0
Sample Wt/Vol: 1000 mL Final Vol: 10000 uL	Test: PCB
Prep Method: 5030 Prep Date	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/28/25	po102825
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/28/25	po102825
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/28/25	po102825
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/28/25	po102825
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/28/25	po102825
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/28/25	po102825
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/28/25	po102825
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/28/25	po102825
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/28/25	po102825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.1			70 (60) - 130 (140)	91%	SPK: 20		
2051-24-3	Decachlorobiphenyl	20.0			70 (60) - 130 (140)	100%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114713.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 16:41
 Operator : YP/AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:42:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.351	3.654	109.9E6	72551592	20.234	18.128
2) SA Decachlor...	9.933	8.648	72939419	67240355	20.032	20.173m

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114713.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 16:41
Operator : YP/AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

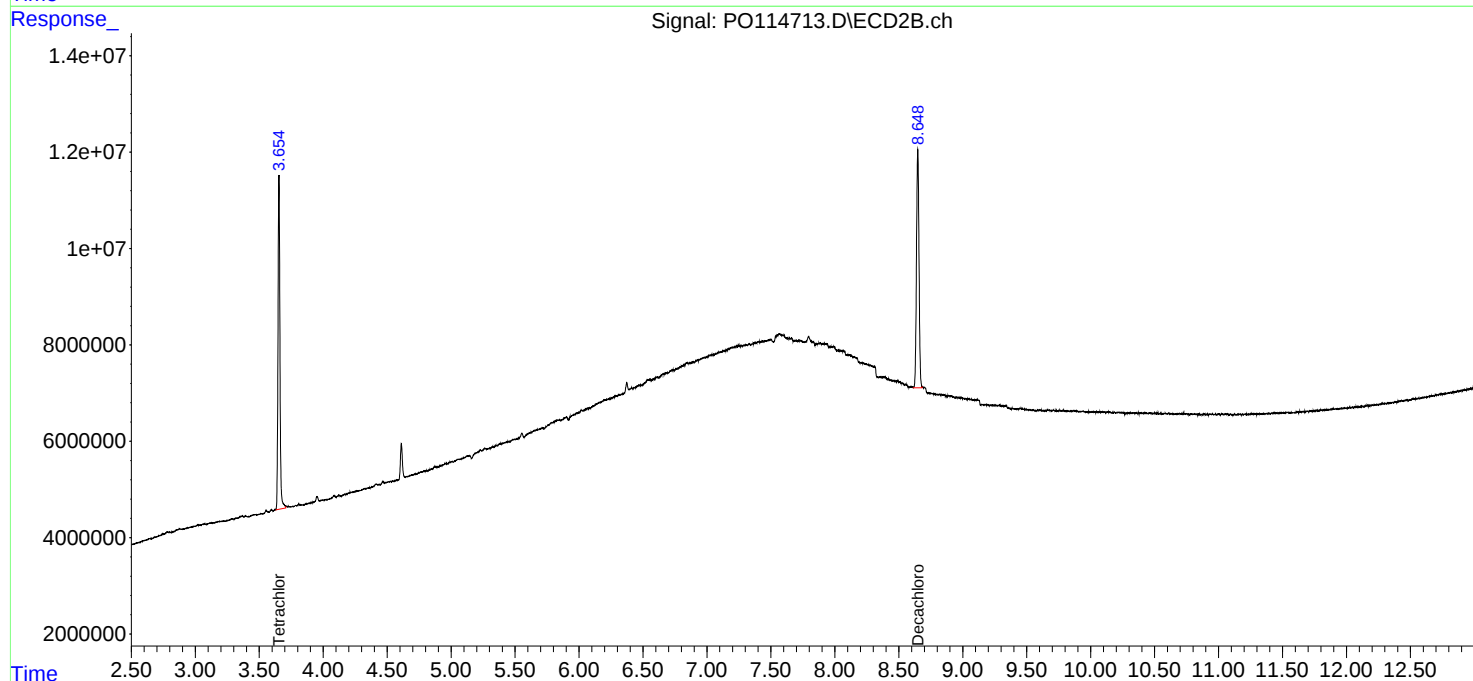
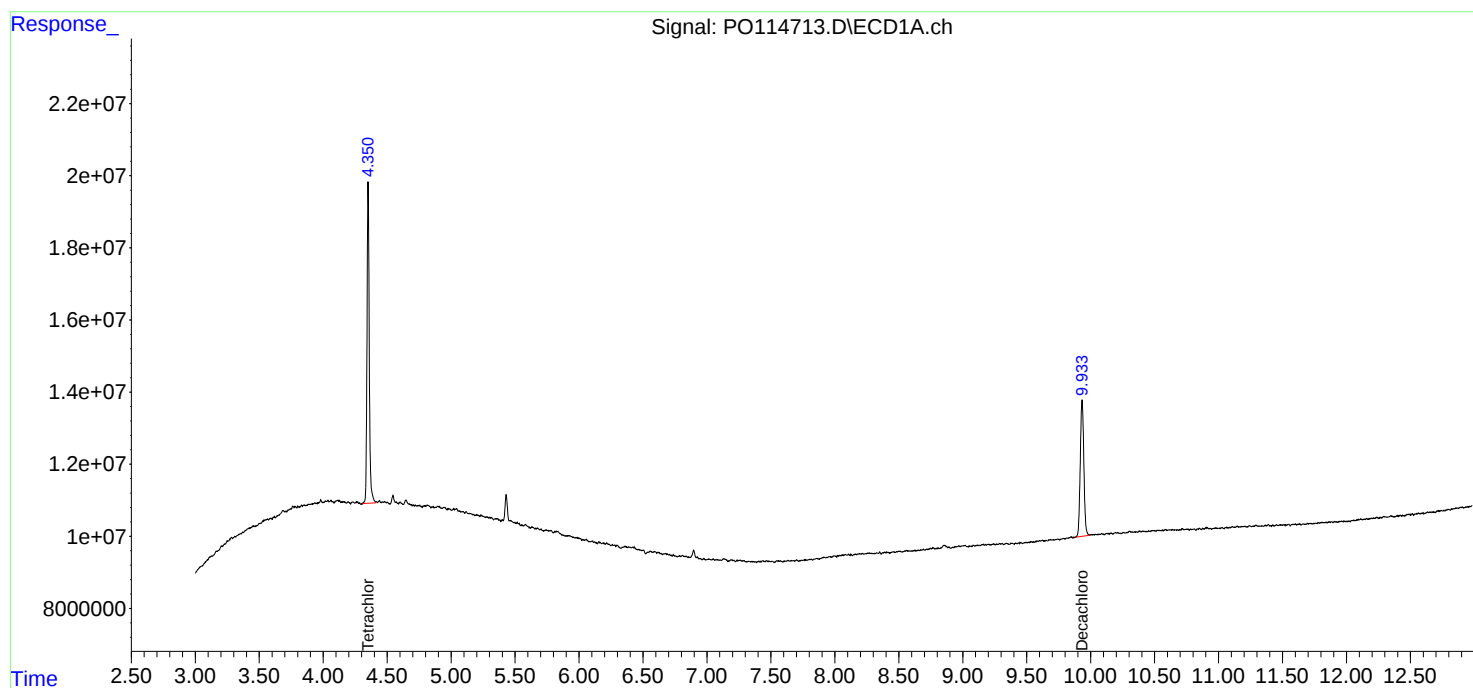
Instrument :
ECD_O
ClientSampleId :
I.BLK

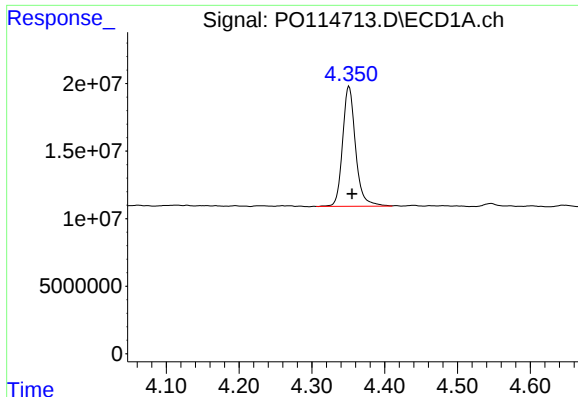
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:42:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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





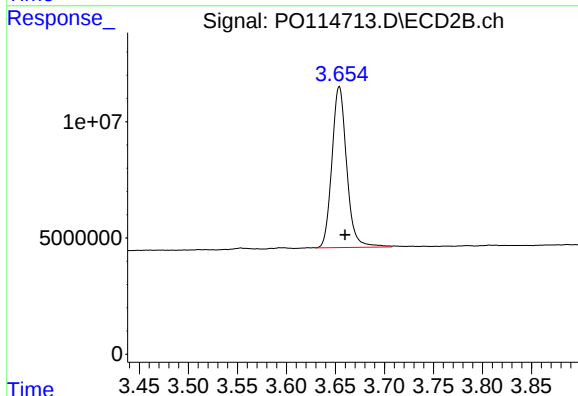
#1 Tetrachloro-m-xylene

R.T.: 4.351 min
Delta R.T.: -0.004 min
Response: 109851552
Conc: 20.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
I.BLK

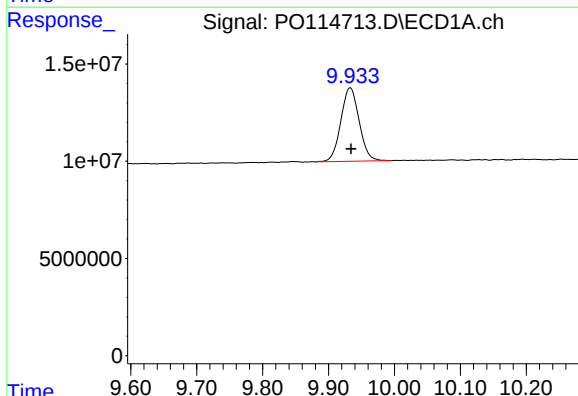
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025



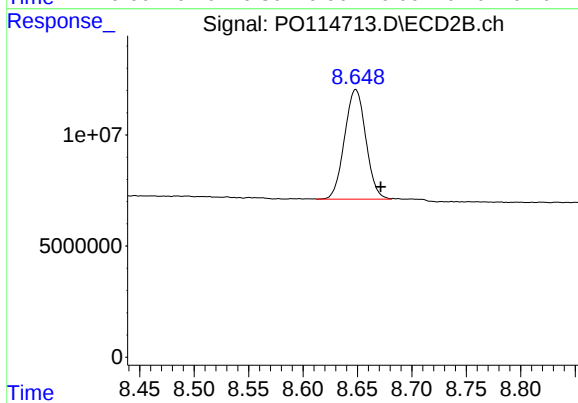
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.006 min
Response: 72551592
Conc: 18.13 ng/ml



#2 Decachlorobiphenyl

R.T.: 9.933 min
Delta R.T.: -0.001 min
Response: 72939419
Conc: 20.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.648 min
Delta R.T.: -0.023 min
Response: 67240355
Conc: 20.17 ng/ml m

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/21/25
Project:	PSEG Athenia Substation	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3461
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/21/25	PP102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			70 (60) - 130 (140)	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			70 (60) - 130 (140)	96%	SPK: 20		

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\PP102125\
 Data File : PP075887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2025 08:49
 Operator : YP\AJ
 Sample : I.BLK
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 I.BLK

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2025
 Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 18:26:13 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 18:24:24 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...	4.644	3.783	28503905	124.7E6	19.945	18.843
2) SA Decachlor...	10.419	8.784	21974278	158.6E6	20.412m	19.281

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

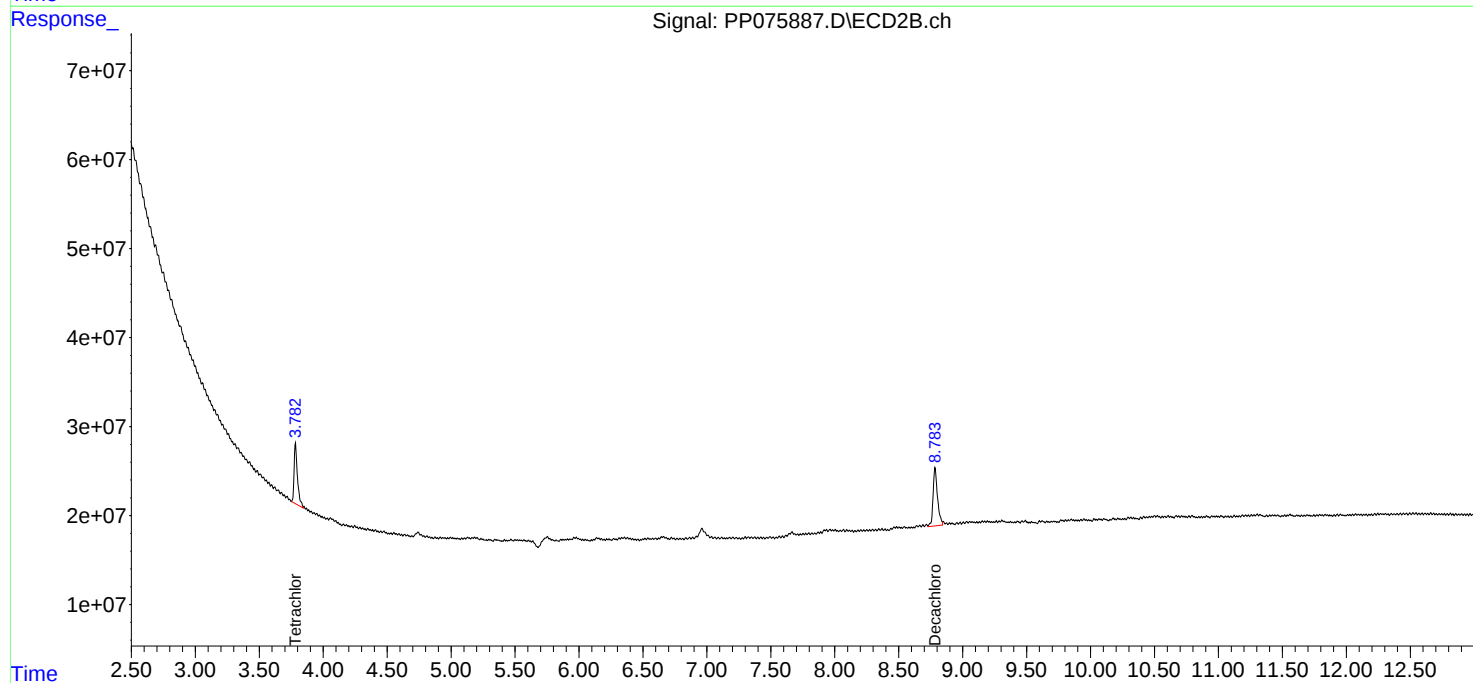
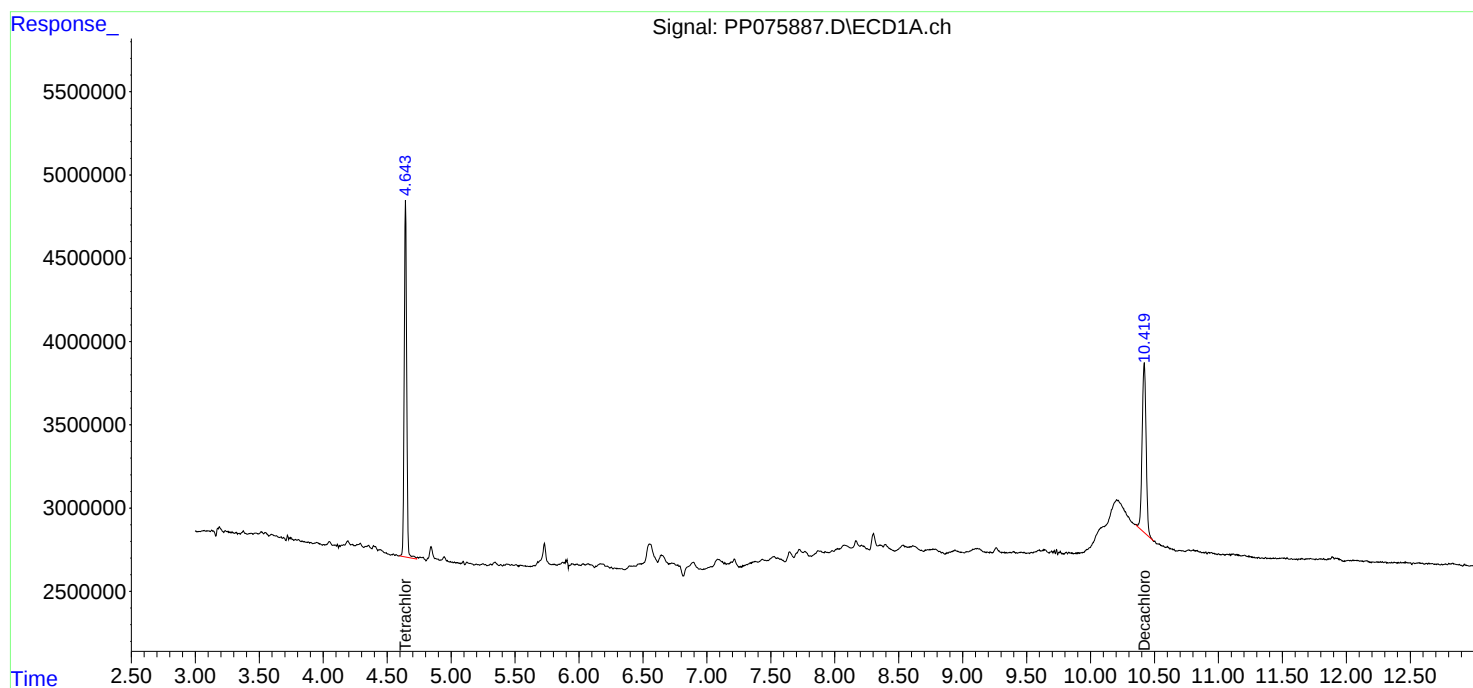
Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

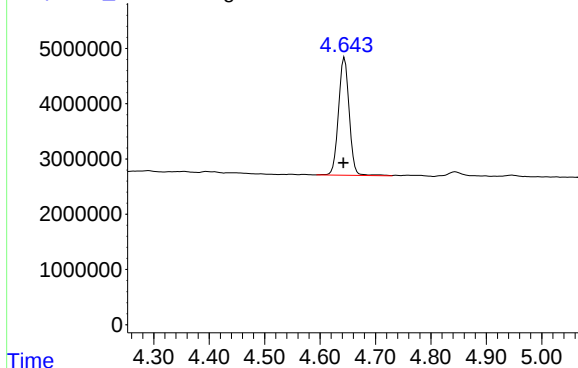
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 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



Response_ Signal: PP075887.D\ECD1A.ch



#1 Tetrachloro-m-xylene

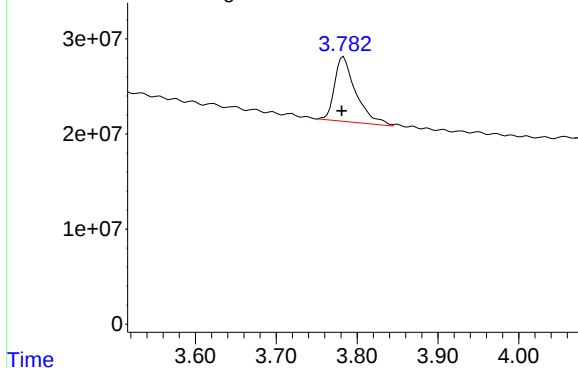
R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 28503905
Conc: 19.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

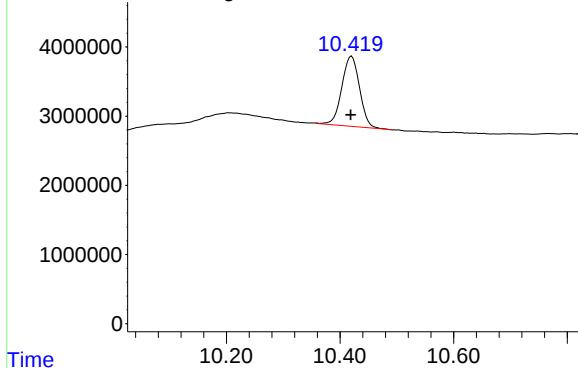
Response_ Signal: PP075887.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 124709992
Conc: 18.84 ng/ml

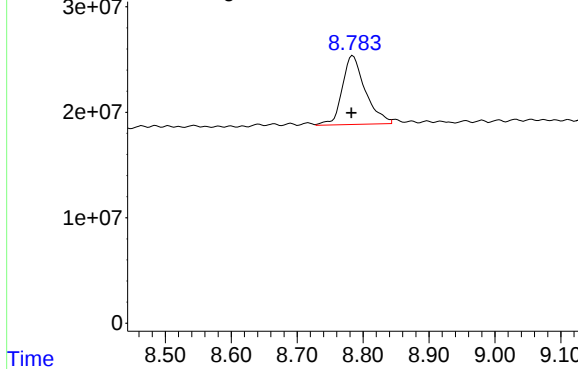
Response_ Signal: PP075887.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 21974278
Conc: 20.41 ng/ml m

Response_ Signal: PP075887.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 158550080
Conc: 19.28 ng/ml



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

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/28/25
Project:	PSEG Athenia Substation	Date Received:	10/28/25
Client Sample ID:	PIBLK-PP076131.D	SDG No.:	Q3461
Lab Sample ID:	I.BLK-PP076131.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/28/25	pp102825
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/28/25	pp102825
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/28/25	pp102825
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/28/25	pp102825
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/28/25	pp102825
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/28/25	pp102825
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/28/25	pp102825
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/28/25	pp102825
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/28/25	pp102825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.3			70 (60) - 130 (140)	81%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.2			70 (60) - 130 (140)	81%	SPK: 20		

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\PP102825\
Data File : PP076131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:57
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 29 01:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.638	3.778	25628281	107.6E6	17.933	16.258
2)	SA Decachlor...	10.405	8.773	20205782	133.1E6	18.769	16.183

Target Compounds

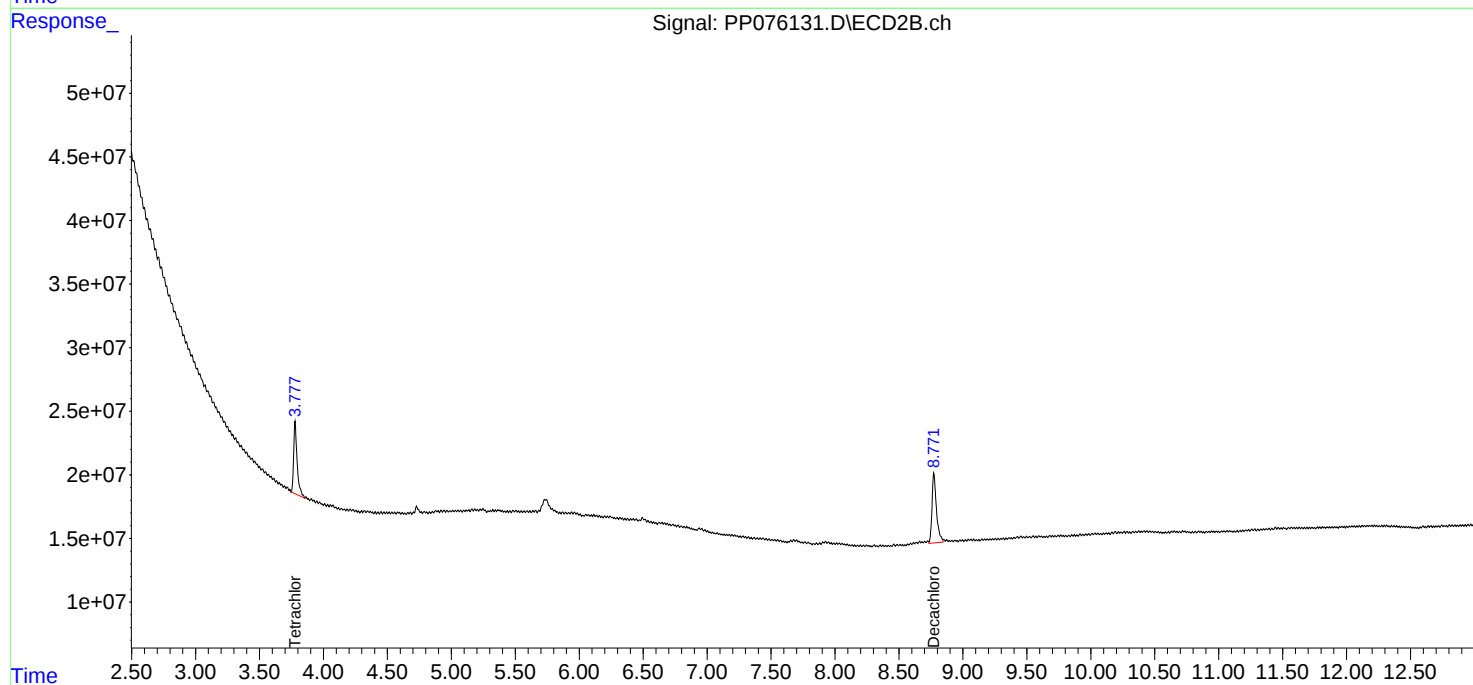
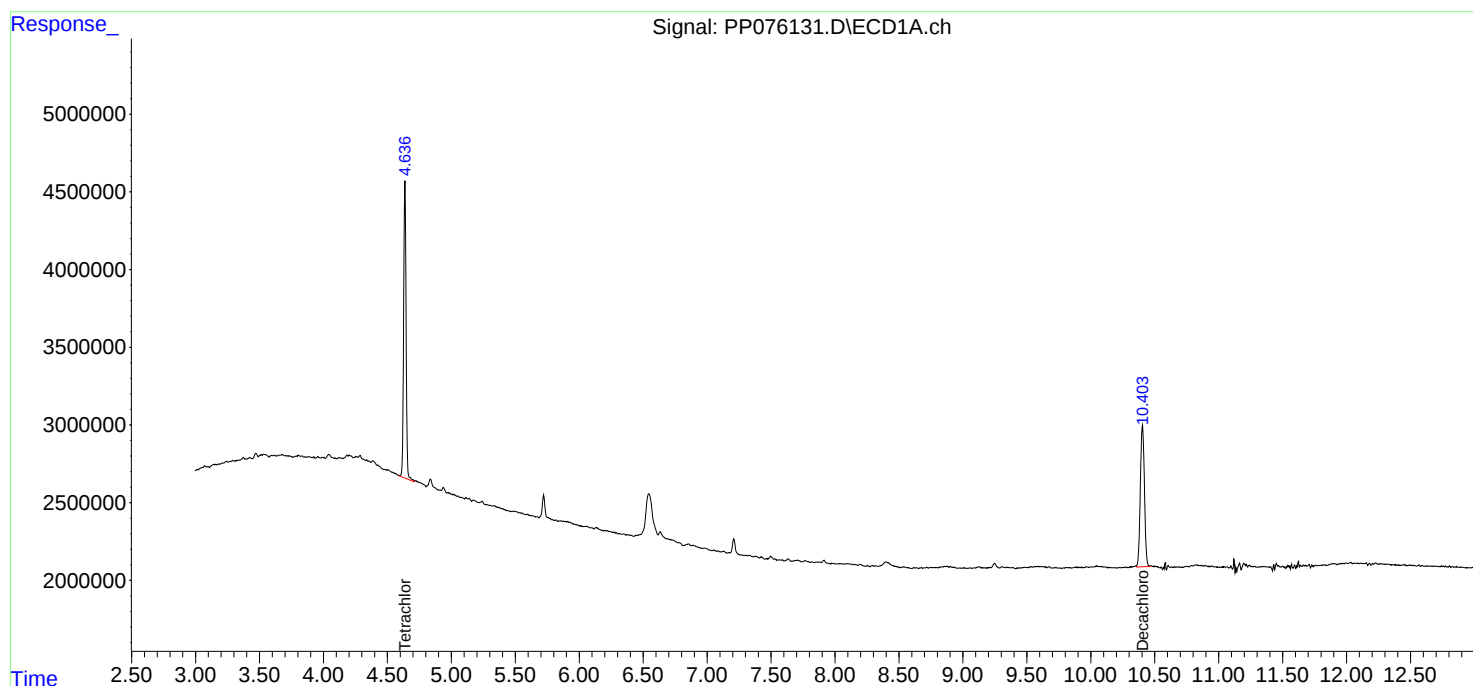
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

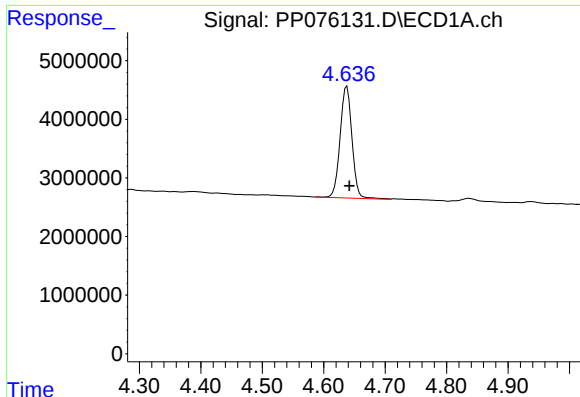
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:57
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

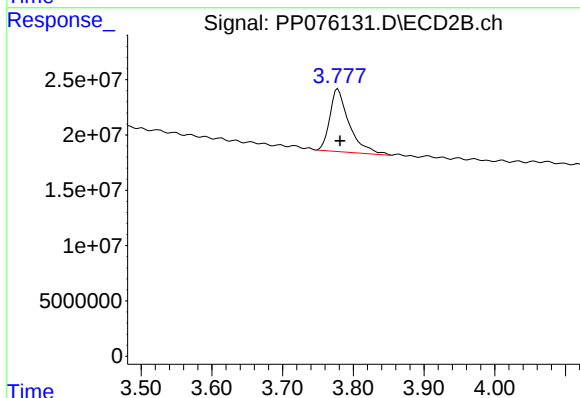




#1 Tetrachloro-m-xylene

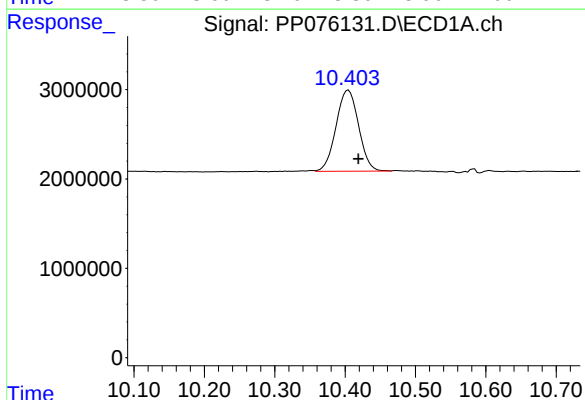
R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 25628281
Conc: 17.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



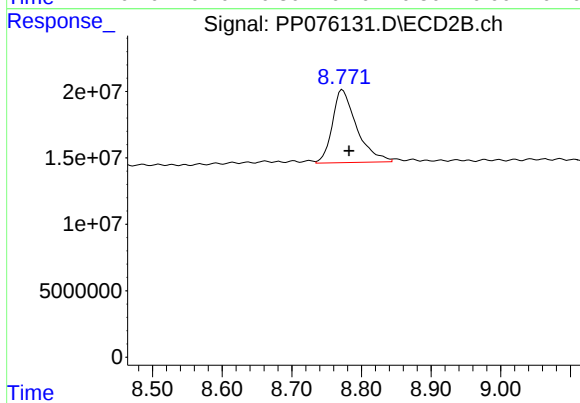
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 107599169
Conc: 16.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 20205782
Conc: 18.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 133074222
Conc: 16.18 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	10/28/25	
Project:	PSEG Athenia Substation		Date Received:	10/28/25	
Client Sample ID:	PIBLK-PP076146.D		SDG No.:	Q3461	
Lab Sample ID:	I.BLK-PP076146.D		Matrix:	WATER	
Analytical Method:	8082A		% Solid:	0	
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL	Test:	PCB
Prep Method:	5030	Prep Date:			

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/28/25	pp102825
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/28/25	pp102825
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/28/25	pp102825
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/28/25	pp102825
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/28/25	pp102825
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/28/25	pp102825
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/28/25	pp102825
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/28/25	pp102825
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/28/25	pp102825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	15.8			70 (60) - 130 (140)	79%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.1			70 (60) - 130 (140)	75%	SPK: 20		

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\PP102825\
Data File : PP076146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 21:21
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 29 01:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.637	3.778	25439255	104.7E6	17.801	15.815
2) SA Decachlor...	10.406	8.773	19753323	124.1E6	18.349	15.090

Target Compounds

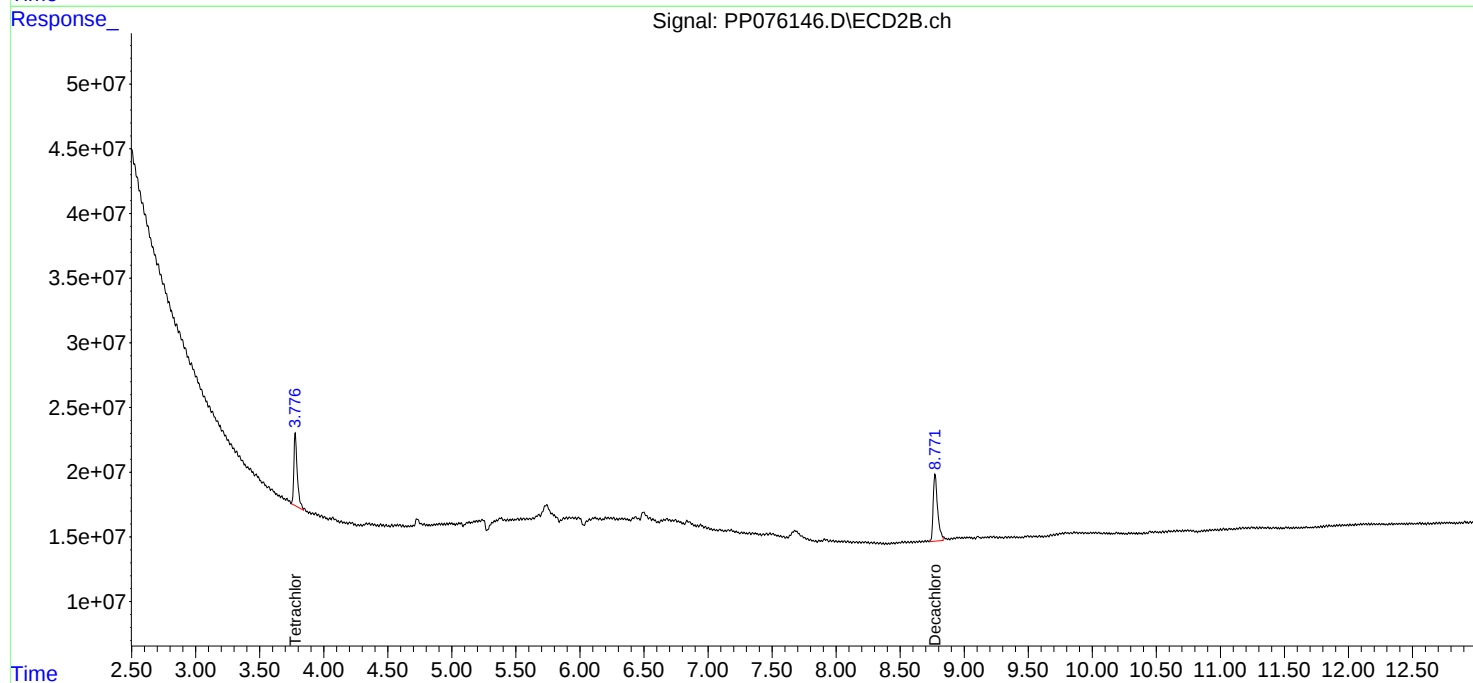
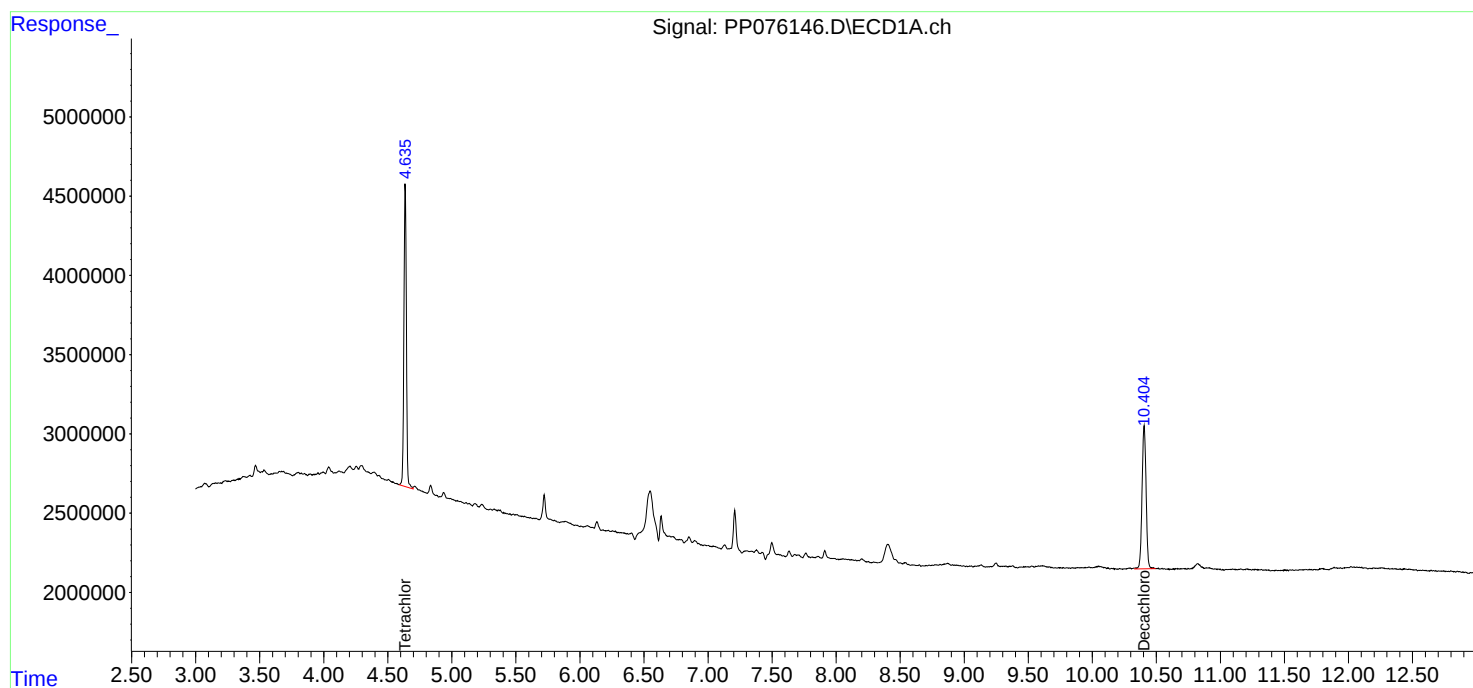
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

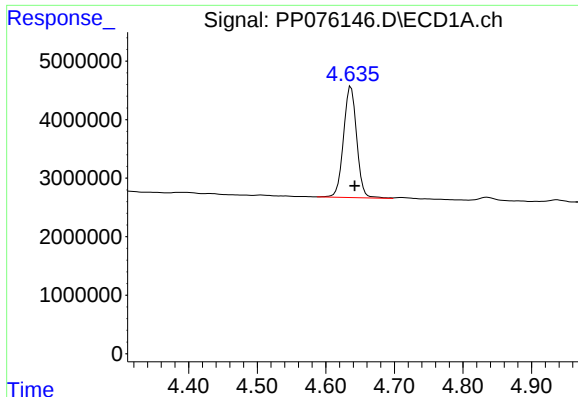
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 21:21
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:45:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

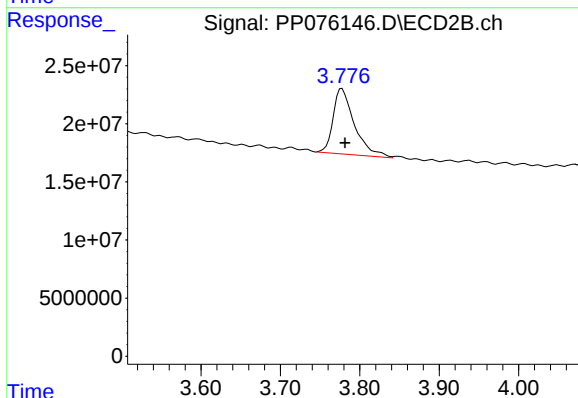




#1 Tetrachloro-m-xylene

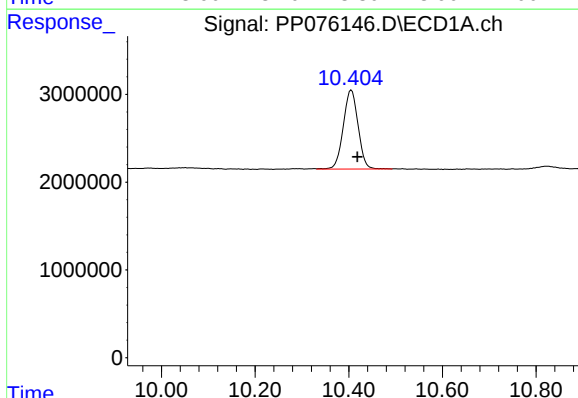
R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 25439255
Conc: 17.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



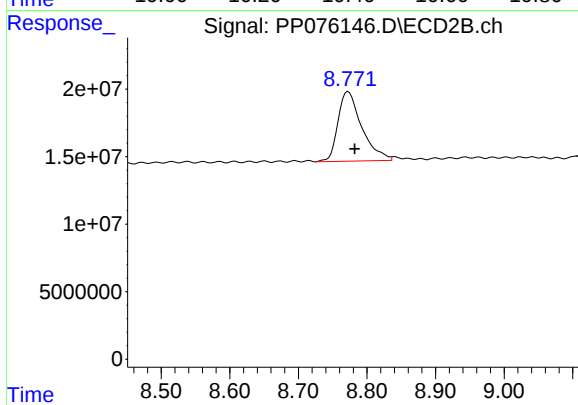
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.004 min
Response: 104668954
Conc: 15.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 19753323
Conc: 18.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 124083543
Conc: 15.09 ng/ml



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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/29/25
Project:	PSEG Athenia Substation	Date Received:	10/29/25
Client Sample ID:	PIBLK-PP076152.D	SDG No.:	Q3461
Lab Sample ID:	I.BLK-PP076152.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/29/25	Pp102925
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/29/25	Pp102925
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/29/25	Pp102925
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/29/25	Pp102925
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/29/25	Pp102925
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/29/25	Pp102925
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/29/25	Pp102925
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/29/25	Pp102925
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/29/25	Pp102925
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.1			70 (60) - 130 (140)	95%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.9			70 (60) - 130 (140)	85%	SPK: 20		

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\PP102925\
Data File : PP076152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 10:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2025
Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.644	3.784	28745206	126.3E6	20.114	19.079
2) SA Decachlor...	10.412	8.780	21997997	139.3E6	20.434m	16.945

Target Compounds

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
Data File : PP076152.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 10:53
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

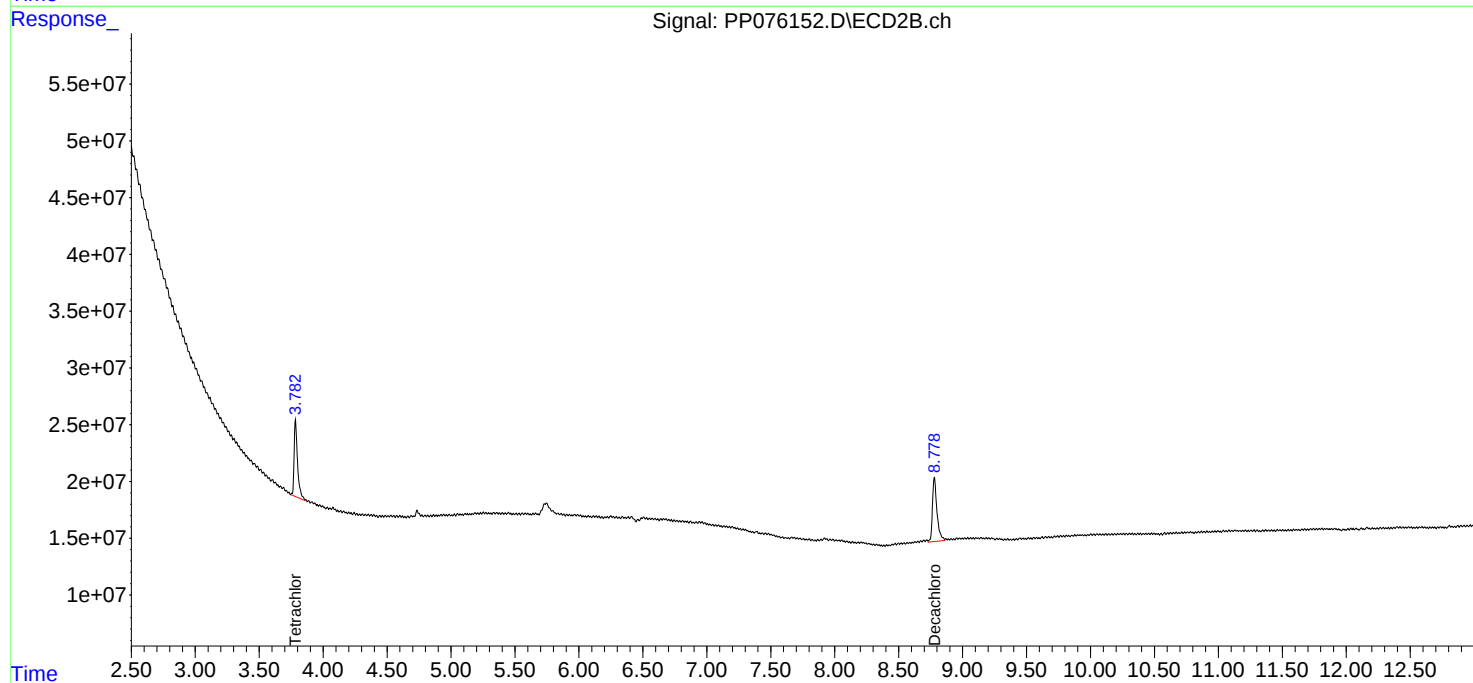
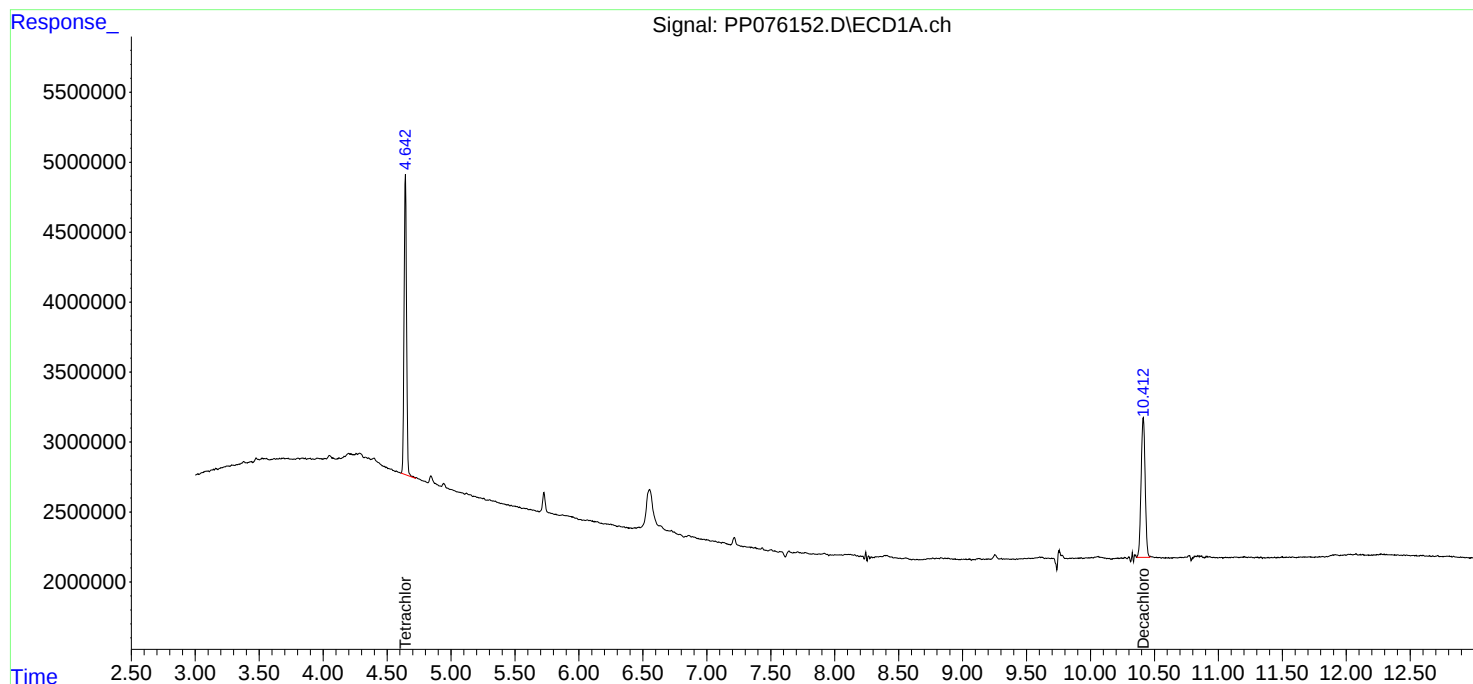
Instrument :
ECD_P
ClientSampleId :
I.BLK

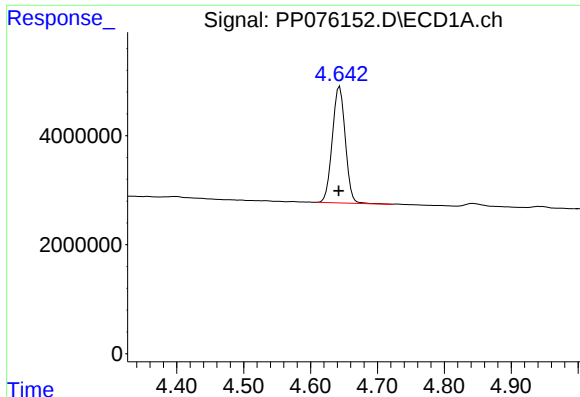
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2025
Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:22:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





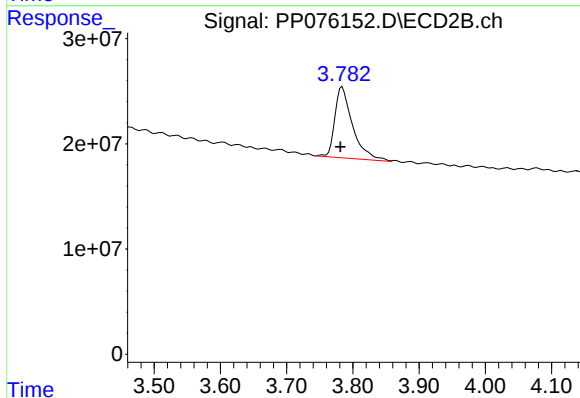
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 28745206
Conc: 20.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

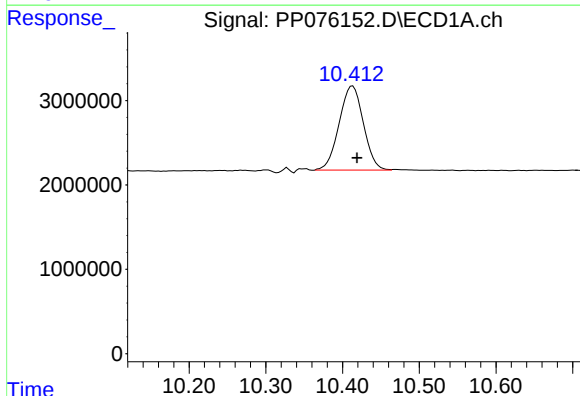
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/30/2025
Supervised By :Sohil Jodhani 10/30/2025



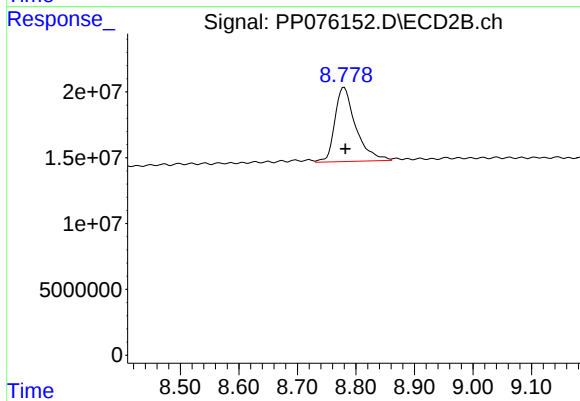
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 126272830
Conc: 19.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.412 min
Delta R.T.: -0.007 min
Response: 21997997
Conc: 20.43 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 139337153
Conc: 16.94 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/29/25
Project:	PSEG Athenia Substation	Date Received:	10/29/25
Client Sample ID:	PIBLK-PP076163.D	SDG No.:	Q3461
Lab Sample ID:	I.BLK-PP076163.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL	Final Vol:	10000 uL
Prep Method:	5030	Test:	PCB
	Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/29/25	Pp102925
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/29/25	Pp102925
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/29/25	Pp102925
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/29/25	Pp102925
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/29/25	Pp102925
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/29/25	Pp102925
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/29/25	Pp102925
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/29/25	Pp102925
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/29/25	Pp102925
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.9			70 (60) - 130 (140)	89%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.4			70 (60) - 130 (140)	82%	SPK: 20		

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\PP102925\
Data File : PP076163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 14:59
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 30 01:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.643	3.782	28319855	118.3E6	19.817	17.881
2) SA Decachlor...	10.415	8.779	22096924	134.4E6	20.526	16.346

Target Compounds

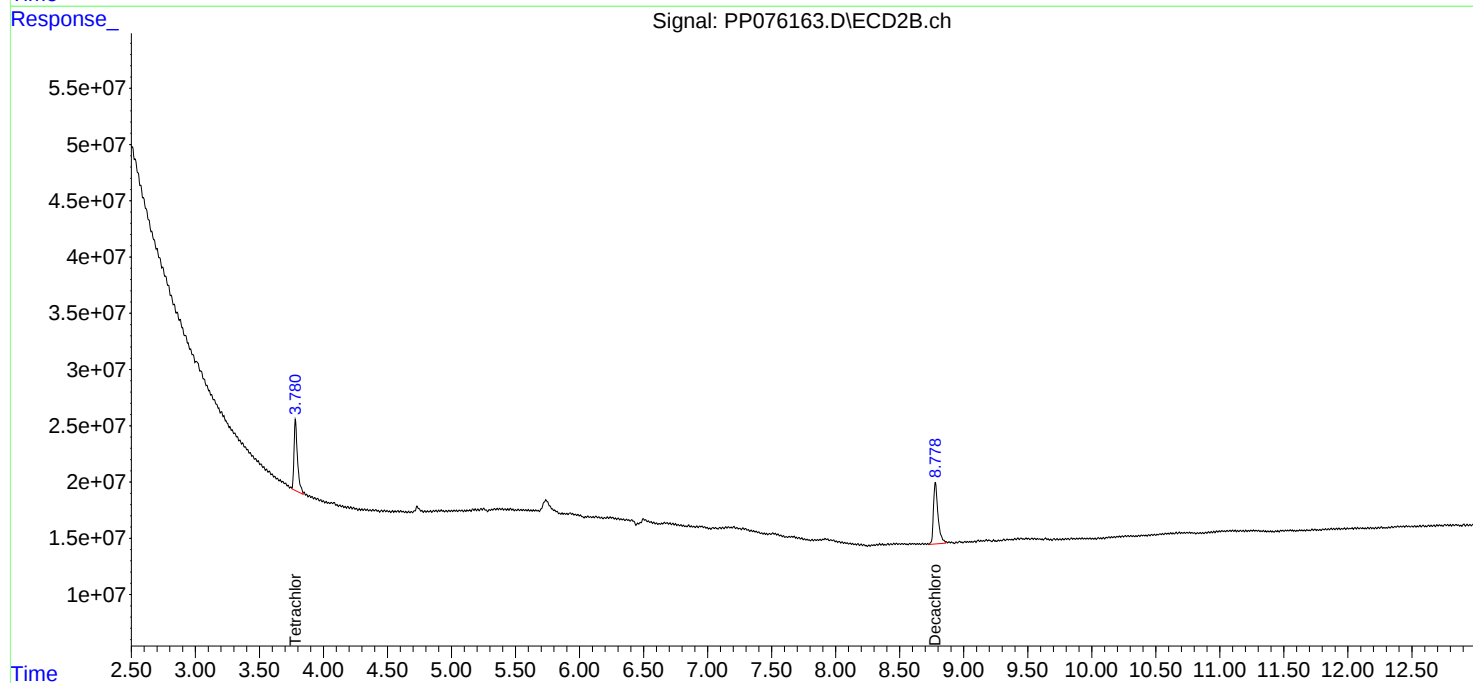
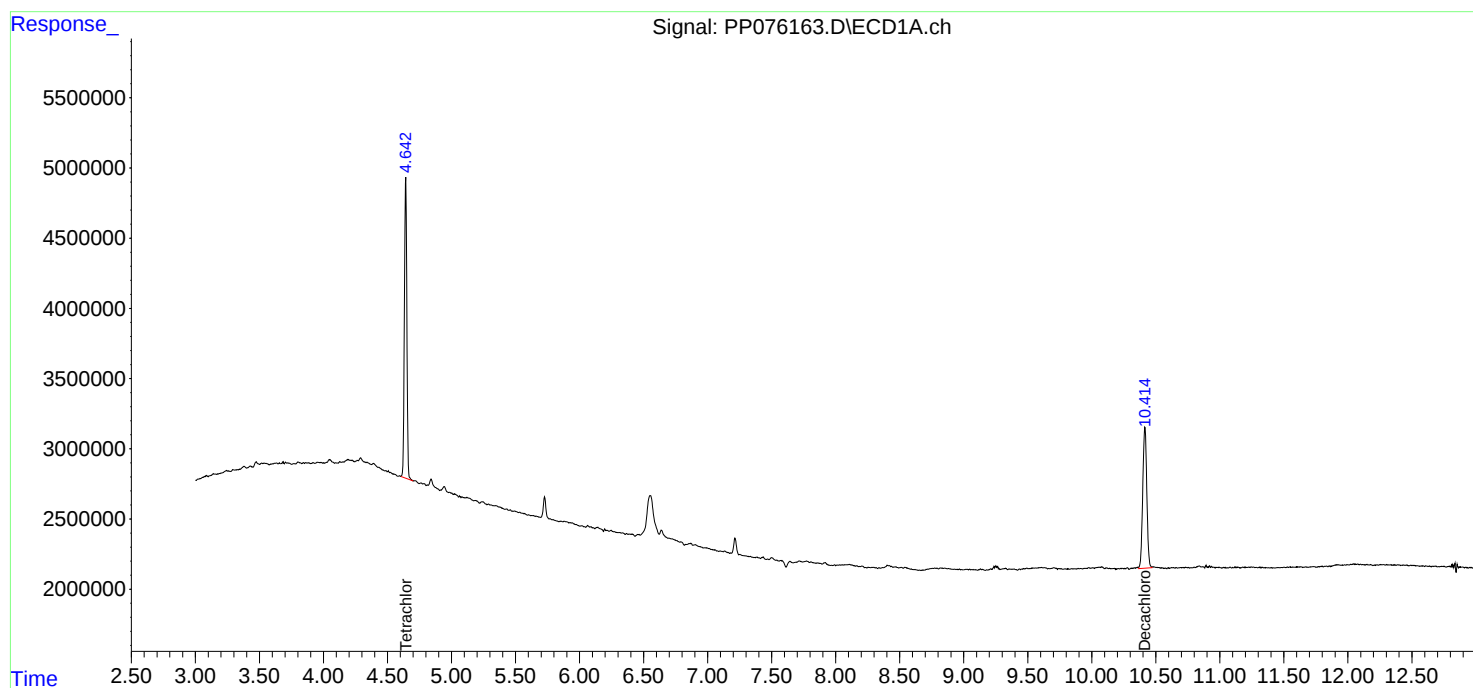
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

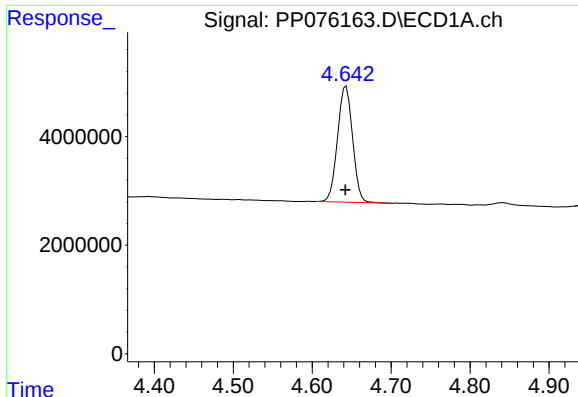
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
Data File : PP076163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 14:59
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:25:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

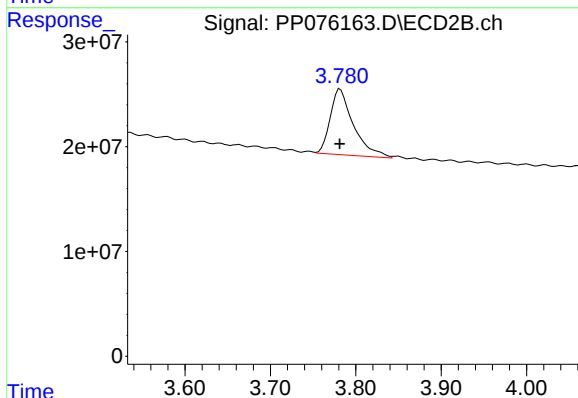




#1 Tetrachloro-m-xylene

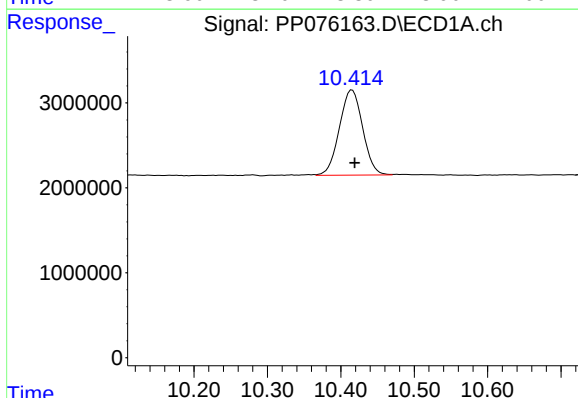
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 28319855
Conc: 19.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



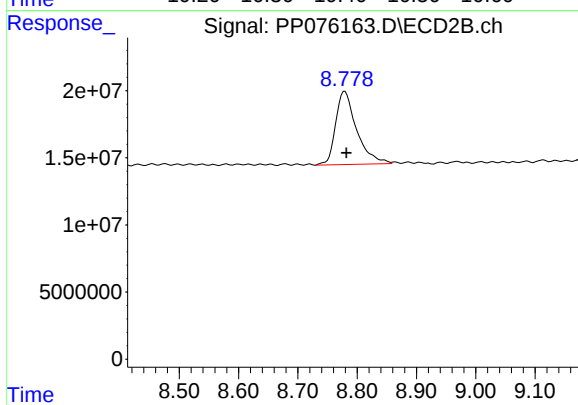
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 118340283
Conc: 17.88 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.003 min
Response: 22096924
Conc: 20.53 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.779 min
Delta R.T.: -0.003 min
Response: 134413957
Conc: 16.35 ng/ml



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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	
Project:	PSEG Athenia Substation		Date Received:	
Client Sample ID:	PB170282BS		SDG No.:	Q3461
Lab Sample ID:	PB170282BS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541	Prep Date 10/28/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	166		1	3.90	17.0	ug/kg	10/29/25 11:10	PB170282
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/29/25 11:10	PB170282
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/29/25 11:10	PB170282
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/29/25 11:10	PB170282
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/29/25 11:10	PB170282
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/29/25 11:10	PB170282
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/29/25 11:10	PB170282
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/29/25 11:10	PB170282
11096-82-5	Aroclor-1260	171		1	3.20	17.0	ug/kg	10/29/25 11:10	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.8			30 (32) - 150 (144)	109%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.1			30 (32) - 150 (175)	110%	SPK: 20		

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\PP102925\
 Data File : PP076153.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Oct 2025 11:10
 Operator : YP\AJ
 Sample : PB170282BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB170282BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2025
 Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 30 01:22:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 24 15:40:32 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.640	3.782	31119886	126.6E6	21.776	19.126
2) SA Decachlor...	10.407	8.776	23775494	151.5E6	22.085	18.422
Target Compounds						
3) L1 AR-1016-1	5.792	4.876	29762914	357.5E6	503.380	482.992
4) L1 AR-1016-2	5.813	4.933	44843660	168.9E6	507.028	493.861
5) L1 AR-1016-3	5.876	5.054	27667135	90019630	499.849	438.388
6) L1 AR-1016-4	5.973	5.095	22867074	90940494	503.234	486.611
7) L1 AR-1016-5	6.265	5.308	20990260	111.7E6	483.585	490.006
31) L7 AR-1260-1	7.382	6.335	37620432	280.8E6	547.154	512.638
32) L7 AR-1260-2	7.635	6.522	45747102	428.9E6	510.700	527.093
33) L7 AR-1260-3	7.993	6.675	31030076	304.5E6	447.851	541.085
34) L7 AR-1260-4	8.220	7.143	34480462	273.1E6	502.840m	525.923
35) L7 AR-1260-5	8.546	7.384	66140162	623.5E6	447.039	459.996

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102925\
Data File : PP076153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Oct 2025 11:10
Operator : YP\AJ
Sample : PB170282BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB170282BS

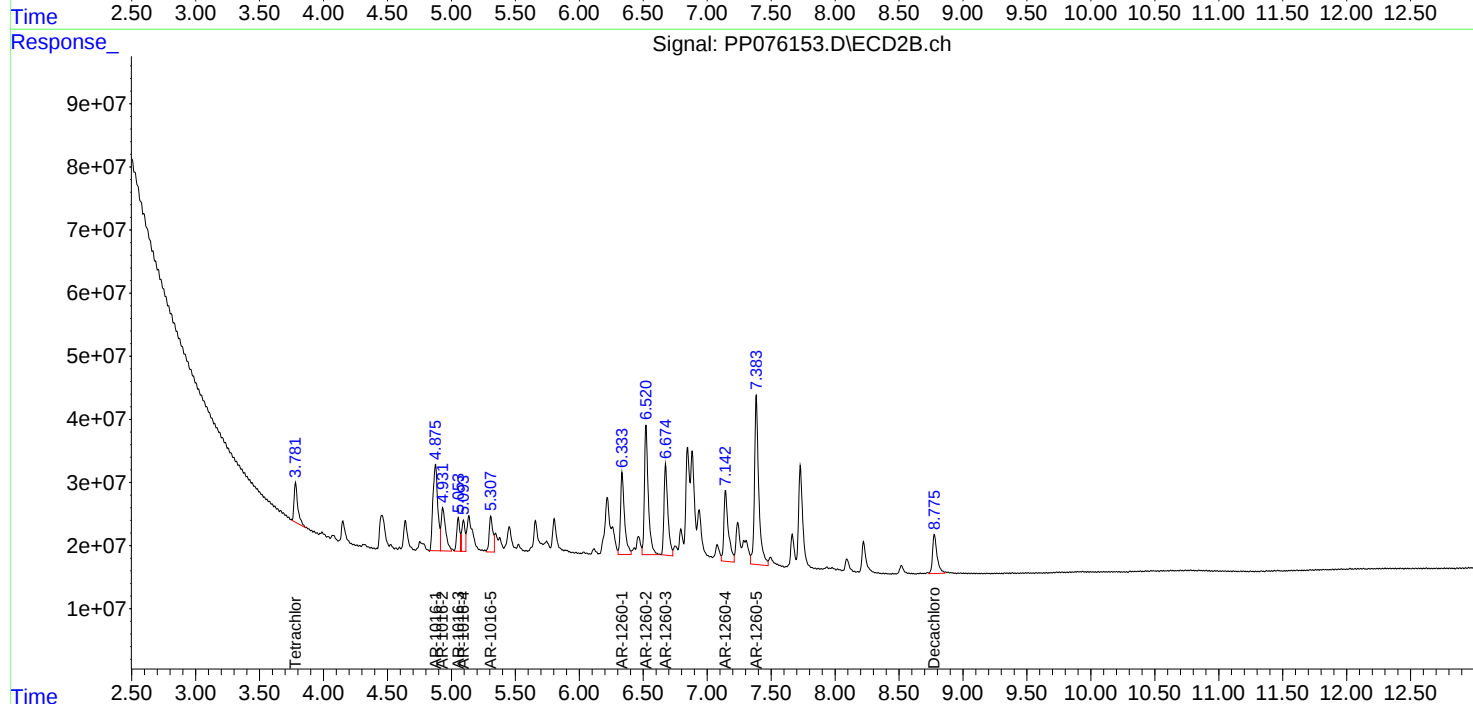
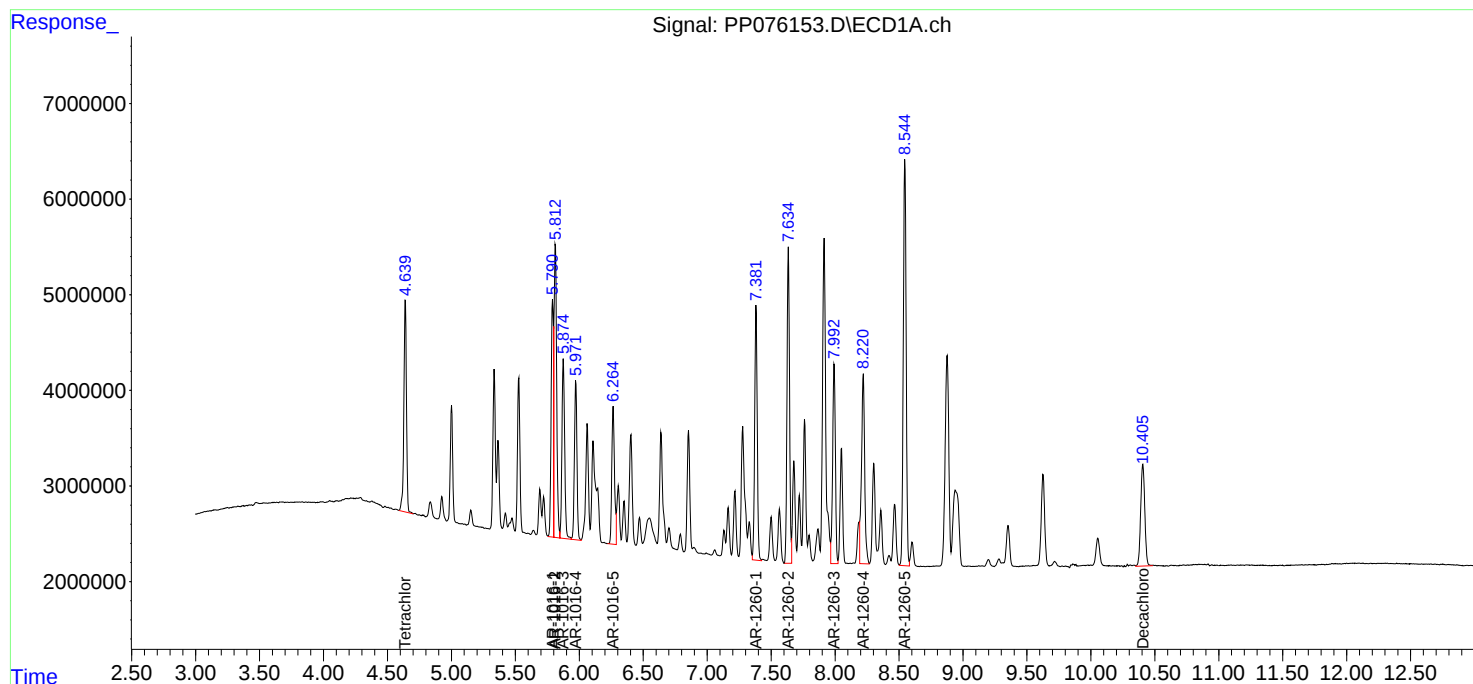
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2025
Supervised By :Sohil Jodhani 10/30/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 30 01:22:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Report of Analysis

Client:	Matrix New World Engineering		Date Collected:	10/24/25
Project:	PSEG Athenia Substation		Date Received:	10/24/25
Client Sample ID:	SS-9R(4.5-5.0)MS		SDG No.:	Q3461
Lab Sample ID:	Q3461-01MS		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	88.2
Sample Wt/Vol:	30.04 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541	Prep Date	10/28/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	211		1	4.50	19.2	ug/kg	10/28/25 14:00	PB170282
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.2	ug/kg	10/28/25 14:00	PB170282
11141-16-5	Aroclor-1232	4.20	U	1	4.20	19.2	ug/kg	10/28/25 14:00	PB170282
53469-21-9	Aroclor-1242	4.50	U	1	4.50	19.2	ug/kg	10/28/25 14:00	PB170282
12672-29-6	Aroclor-1248	6.70	U	1	6.70	19.2	ug/kg	10/28/25 14:00	PB170282
11097-69-1	Aroclor-1254	505	E	1	3.60	19.2	ug/kg	10/28/25 14:00	PB170282
37324-23-5	Aroclor-1262	5.70	U	1	5.70	19.2	ug/kg	10/28/25 14:00	PB170282
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.2	ug/kg	10/28/25 14:00	PB170282
11096-82-5	Aroclor-1260	326		1	3.70	19.2	ug/kg	10/28/25 14:00	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	28.3			30 (32) - 150 (144)	142%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.8			30 (32) - 150 (175)	124%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114707.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 14:00
 Operator : YP/AJ
 Sample : Q3461-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-9R(4.5-5.0)MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:41:10 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.350	3.654	153.8E6	96841930	28.330	24.197
2)	SA Decachlor...	9.934	8.648	89362512	82723468	24.543	24.818
Target Compounds							
3)	L1 AR-1016-1	5.489	4.732	94656645	73172049	524.827	434.554m
4)	L1 AR-1016-2	5.511	4.752	150.0E6	106.2E6	492.984	438.669
5)	L1 AR-1016-3	5.572	4.927	84631999	56609175	478.546	455.961
6)	L1 AR-1016-4	5.668	4.969	71963497	78804926	523.163	816.416 #
7)	L1 AR-1016-5	5.959	5.181	94921659	83395311	751.762	652.262
26)	L6 AR-1254-1	6.332	5.532	194.3E6	214.0E6	1113.878	805.482 #
27)	L6 AR-1254-2	6.548	5.680	306.9E6	231.1E6	1204.994	970.266
28)	L6 AR-1254-3	6.908	6.081	355.5E6	457.8E6	1230.504	1291.620
29)	L6 AR-1254-4	7.189	6.308	295.6E6	271.7E6	1248.974	1052.654
30)	L6 AR-1254-5	7.604	6.725	414.3E6	492.4E6	1887.563	1537.677
31)	L7 AR-1260-1	7.073	6.212	237.0E6	280.3E6	1087.615	1190.493
32)	L7 AR-1260-2	7.327	6.399	303.0E6	334.6E6	982.264	1000.586
33)	L7 AR-1260-3	7.683	6.551	130.9E6	285.6E6	510.468m	968.407 #
34)	L7 AR-1260-4	7.903	7.023	229.6E6	112.1E6	985.734	502.733 #
35)	L7 AR-1260-5	8.212	7.263	284.1E6	401.2E6	489.609	654.515 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114707.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:00
Operator : YP/AJ
Sample : Q3461-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

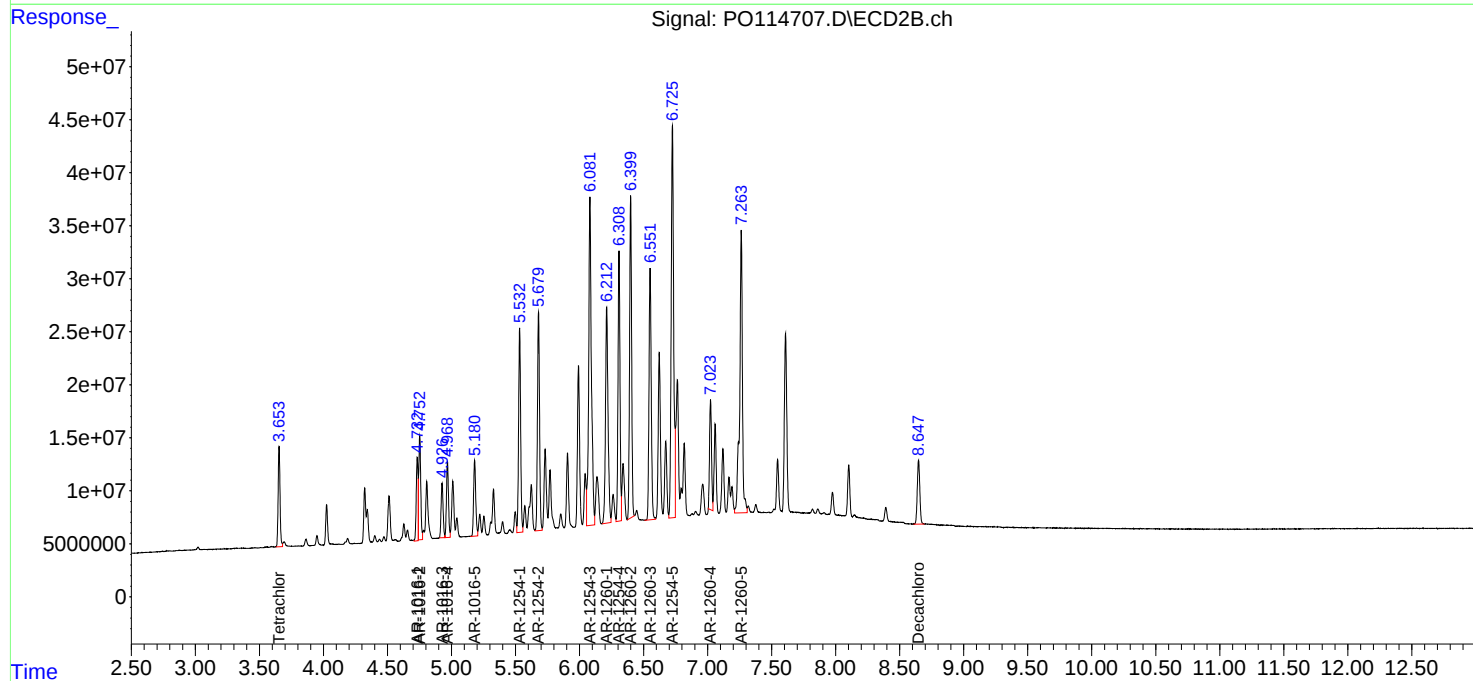
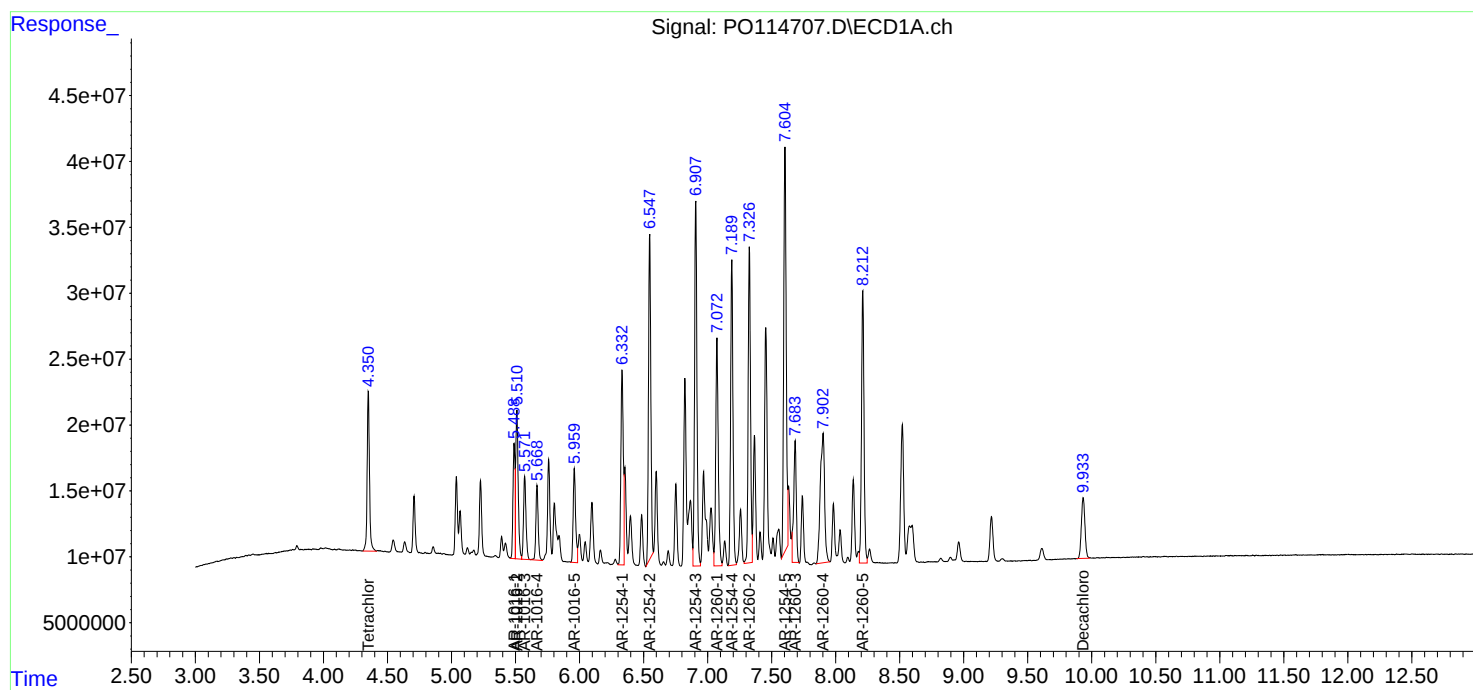
Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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





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

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/24/25
Project:	PSEG Athenia Substation	Date Received:	10/24/25
Client Sample ID:	SS-9R(4.5-5.0)MSD	SDG No.:	Q3461
Lab Sample ID:	Q3461-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	88.2
Sample Wt/Vol:	30.08 g	Final Vol:	10000 uL
Prep Method:	SW3541	Test:	PCB
	Prep Date		10/28/25

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	226		1	4.50	19.2	ug/kg	10/28/25 14:19	PB170282
11104-28-2	Aroclor-1221	4.60	U	1	4.60	19.2	ug/kg	10/28/25 14:19	PB170282
11141-16-5	Aroclor-1232	4.20	U	1	4.20	19.2	ug/kg	10/28/25 14:19	PB170282
53469-21-9	Aroclor-1242	4.50	U	1	4.50	19.2	ug/kg	10/28/25 14:19	PB170282
12672-29-6	Aroclor-1248	6.70	U	1	6.70	19.2	ug/kg	10/28/25 14:19	PB170282
11097-69-1	Aroclor-1254	753	E	1	3.60	19.2	ug/kg	10/28/25 14:19	PB170282
37324-23-5	Aroclor-1262	5.70	U	1	5.70	19.2	ug/kg	10/28/25 14:19	PB170282
11100-14-4	Aroclor-1268	4.10	U	1	4.10	19.2	ug/kg	10/28/25 14:19	PB170282
11096-82-5	Aroclor-1260	392	E	1	3.70	19.2	ug/kg	10/28/25 14:19	PB170282
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.3			30 (32) - 150 (144)	137%	SPK: 20		
2051-24-3	Decachlorobiphenyl	23.1			30 (32) - 150 (175)	116%	SPK: 20		

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
 Data File : PO114708.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2025 14:19
 Operator : YP/AJ
 Sample : Q3461-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 SS-9R(4.5-5.0)MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2025
 Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:41:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 21 02:40:25 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...	4.350	3.653	148.4E6	95513129	27.329	23.865
2) SA Decachlor...	9.932	8.647	83674668	77005585	22.981	23.103
Target Compounds						
3) L1 AR-1016-1	5.488	4.731	87807709	68749379	486.853	408.288m
4) L1 AR-1016-2	5.510	4.751	141.8E6	100.3E6	466.065	414.290
5) L1 AR-1016-3	5.572	4.925	79243425	52917641	448.077	426.227
6) L1 AR-1016-4	5.668	4.968	66950954	97687517	486.723	1012.039 #
7) L1 AR-1016-5	5.959	5.179	108.9E6	95004643	862.618	743.063
26) L6 AR-1254-1	6.332	5.531	286.4E6	315.5E6	1641.582	1187.549 #
27) L6 AR-1254-2	6.548	5.678	471.2E6	350.9E6	1850.031	1472.821
28) L6 AR-1254-3	6.907	6.080	559.7E6	666.5E6	1937.040	1880.567
29) L6 AR-1254-4	7.189	6.307	471.7E6	433.8E6	1993.070	1680.540
30) L6 AR-1254-5	7.604	6.725	563.3E6	720.5E6	2566.796	2250.271
31) L7 AR-1260-1	7.073	6.211	312.6E6	379.0E6	1434.371	1609.611
32) L7 AR-1260-2	7.326	6.399	391.7E6	428.0E6	1269.710	1279.951
33) L7 AR-1260-3	7.682	6.550	128.4E6	366.4E6	500.818m	1242.218 #
34) L7 AR-1260-4	7.889	7.022	276.6E6	123.1E6	1187.708	552.068m#
35) L7 AR-1260-5	8.211	7.262	292.3E6	314.9E6	503.823	513.737m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102825\
Data File : PO114708.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:19
Operator : YP/AJ
Sample : Q3461-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

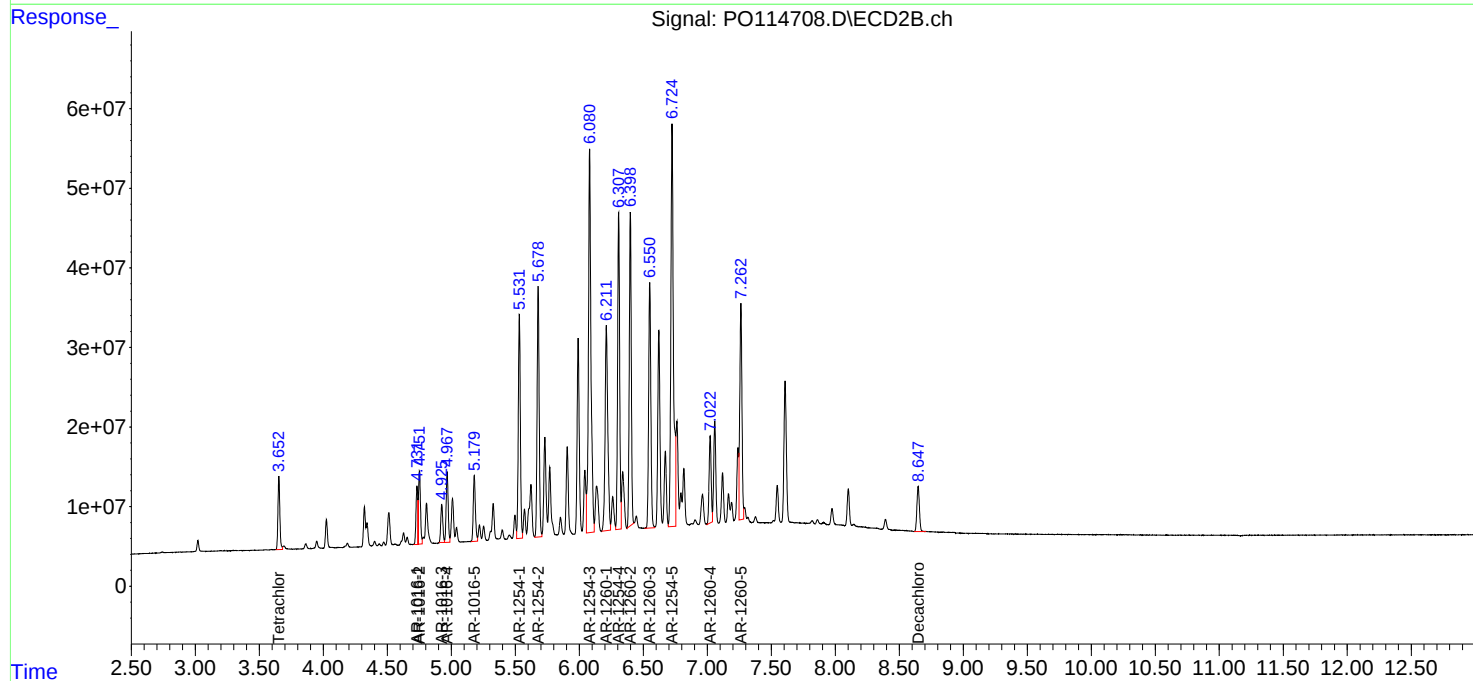
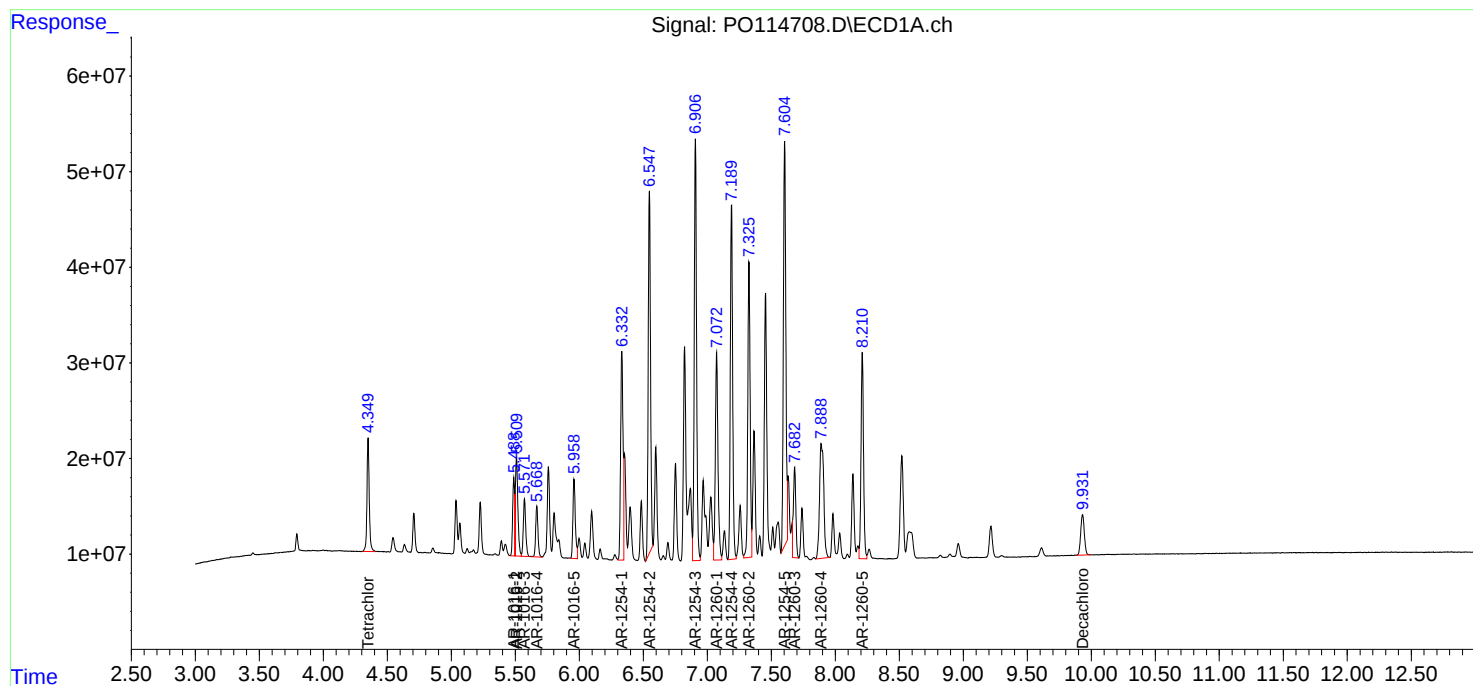
Instrument :
ECD_O
ClientSampleId :
SS-9R(4.5-5.0)MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100925.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 02:40:25 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



Manual Integration Report

Sequence:

po100925

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PO114317.D	AR-1260-2	yogesh	10/10/2025 7:45:12 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1242ICC050	PO114324.D	AR-1242-5	yogesh	10/10/2025 7:45:14 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC250	PO114328.D	AR-1248-5	yogesh	10/10/2025 7:45:16 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC050	PO114329.D	AR-1248-1	yogesh	10/10/2025 7:45:17 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1248ICC050	PO114329.D	AR-1248-5	yogesh	10/10/2025 7:45:17 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1268ICC250	PO114339.D	AR-1268-1	yogesh	10/10/2025 7:45:22 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software
AR1268ICC050	PO114340.D	AR-1268-4	yogesh	10/10/2025 7:45:21 AM	mohammad	10/11/2025 1:35:39	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO114694.D	AR-1260-3	yogesh	10/28/2025 2:45:47 PM	Sohil	10/29/2025 4:05:48	Peak Integrated by Software
AR1660CCC500	PO114694.D	AR-1260-4 #2	yogesh	10/28/2025 2:45:47 PM	Sohil	10/29/2025 4:05:48	Peak Integrated by Software
AR1254CCC500	PO114697.D	Decachlorobiphenyl #2	yogesh	10/29/2025 3:43:52 PM	Sohil	10/29/2025 4:05:50	Peak Integrated by Software
I.BLK	PO114699.D	Decachlorobiphenyl #2	yogesh	10/28/2025 2:45:49 PM	Sohil	10/29/2025 4:05:52	Peak Integrated by Software
Q3461-01	PO114700.D	AR-1254-2	yogesh	10/28/2025 2:45:51 PM	Sohil	10/29/2025 4:05:54	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-1	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-1 #2	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-2 #2	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-3	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-3 #2	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-4	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-03	PO114702.D	AR-1254-4 #2	yogesh	10/28/2025 2:45:53 PM	Sohil	10/29/2025 4:05:57	Peak Integrated by Software
Q3461-01DL	PO114705.D	AR-1254-2	yogesh	10/28/2025 2:45:56 PM	Sohil	10/29/2025 4:06:01	Peak Integrated by Software

Manual Integration Report

Sequence:	PO102825	Instrument	ECD_o
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3461-01DL	PO114705.D	Decachlorobiphenyl #2	yogesh	10/28/2025 2:45:56 PM	Sohil	10/29/2025 4:06:01	Peak Integrated by Software
Q3461-01MS	PO114707.D	AR-1016-1 #2	yogesh	10/29/2025 8:34:19 AM	Sohil	10/29/2025 4:06:03	Peak Integrated by Software
Q3461-01MS	PO114707.D	AR-1260-3	yogesh	10/29/2025 8:34:19 AM	Sohil	10/29/2025 4:06:03	Peak Integrated by Software
Q3461-01MSD	PO114708.D	AR-1016-1 #2	yogesh	10/29/2025 3:43:36 PM	Sohil	10/29/2025 4:06:06	Peak Integrated by Software
Q3461-01MSD	PO114708.D	AR-1260-3	yogesh	10/29/2025 3:43:36 PM	Sohil	10/29/2025 4:06:06	Peak Integrated by Software
Q3461-01MSD	PO114708.D	AR-1260-4 #2	yogesh	10/29/2025 3:43:36 PM	Sohil	10/29/2025 4:06:06	Peak Integrated by Software
Q3461-01MSD	PO114708.D	AR-1260-5 #2	yogesh	10/29/2025 3:43:36 PM	Sohil	10/29/2025 4:06:06	Peak Integrated by Software
AR1660CCC500	PO114709.D	AR-1260-3	yogesh	10/29/2025 8:34:23 AM	Sohil	10/29/2025 4:06:08	Peak Integrated by Software
AR1660CCC500	PO114709.D	AR-1260-4 #2	yogesh	10/29/2025 8:34:23 AM	Sohil	10/29/2025 4:06:08	Peak Integrated by Software
AR1660CCC500	PO114709.D	Decachlorobiphenyl #2	yogesh	10/29/2025 8:34:23 AM	Sohil	10/29/2025 4:06:08	Peak Integrated by Software
I.BLK	PO114713.D	Decachlorobiphenyl #2	yogesh	10/29/2025 8:34:24 AM	Sohil	10/29/2025 4:06:09	Peak Integrated by Software
AR1660CCC500	PO114721.D	AR-1016-1 #2	yogesh	10/29/2025 3:43:39 PM	Sohil	10/29/2025 4:06:19	Peak Integrated by Software
AR1660CCC500	PO114721.D	AR-1016-2	yogesh	10/29/2025 3:43:39 PM	Sohil	10/29/2025 4:06:19	Peak Integrated by Software

Manual Integration Report

Sequence:

PO102825

Instrument

ECD_o

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PO114721.D	AR-1260-3	yogesh	10/29/2025 3:43:39 PM	Sohil	10/29/2025 4:06:19	Peak Integrated by Software
AR1660CCC500	PO114721.D	AR-1260-4	yogesh	10/29/2025 3:43:39 PM	Sohil	10/29/2025 4:06:19	Peak Integrated by Software
AR1660CCC500	PO114721.D	AR-1260-4 #2	yogesh	10/29/2025 3:43:39 PM	Sohil	10/29/2025 4:06:19	Peak Integrated by Software
AR1242CCC500	PO114722.D	AR-1242-1 #2	yogesh	10/29/2025 8:34:37 AM	Sohil	10/29/2025 4:06:21	Peak Integrated by Software
AR1248CCC500	PO114723.D	AR-1248-1 #2	yogesh	10/29/2025 8:34:39 AM	Sohil	10/29/2025 4:06:23	Peak Integrated by Software
AR1254CCC500	PO114724.D	AR-1254-1	yogesh	10/29/2025 8:34:40 AM	Sohil	10/29/2025 4:06:28	Peak Integrated by Software
I.BLK	PO114725.D	Decachlorobiphenyl #2	yogesh	10/29/2025 8:34:42 AM	Sohil	10/29/2025 4:06:29	Peak Integrated by Software

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC100 0	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC100 0	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC100 0	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

Manual Integration Report

Sequence:

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Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

Manual Integration Report

Sequence:	PP102825	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP076111.D	AR-1242-4 #2	yogesh	10/29/2025 8:35:53 AM	Sohil	10/29/2025 4:00:43	Peak Integrated by Software
AR1242CCC500	PP076111.D	AR-1242-5 #2	yogesh	10/29/2025 8:35:53 AM	Sohil	10/29/2025 4:00:43	Peak Integrated by Software
AR1248CCC500	PP076112.D	AR-1248-1 #2	yogesh	10/29/2025 8:35:55 AM	Sohil	10/29/2025 4:00:47	Peak Integrated by Software
AR1248CCC500	PP076112.D	AR-1248-3 #2	yogesh	10/29/2025 8:35:55 AM	Sohil	10/29/2025 4:00:47	Peak Integrated by Software
AR1248CCC500	PP076112.D	AR-1248-5 #2	yogesh	10/29/2025 8:35:55 AM	Sohil	10/29/2025 4:00:47	Peak Integrated by Software
AR1254CCC500	PP076113.D	AR-1254-1	yogesh	10/29/2025 8:35:57 AM	Sohil	10/29/2025 4:00:52	Peak Integrated by Software
AR1254CCC500	PP076113.D	AR-1254-1 #2	yogesh	10/29/2025 8:35:57 AM	Sohil	10/29/2025 4:00:52	Peak Integrated by Software
AR1660CCC500	PP076126.D	AR-1016-1 #2	yogesh	10/29/2025 8:36:22 AM	Sohil	10/29/2025 4:01:47	Peak Integrated by Software
AR1242CCC500	PP076127.D	AR-1242-4 #2	yogesh	10/29/2025 8:36:24 AM	Sohil	10/29/2025 4:01:48	Peak Integrated by Software
AR1242CCC500	PP076127.D	AR-1242-5 #2	yogesh	10/29/2025 8:36:24 AM	Sohil	10/29/2025 4:01:48	Peak Integrated by Software
AR1248CCC500	PP076128.D	AR-1248-3 #2	yogesh	10/29/2025 8:36:26 AM	Sohil	10/29/2025 4:01:50	Peak Integrated by Software
AR1248CCC500	PP076128.D	AR-1248-5 #2	yogesh	10/29/2025 8:36:26 AM	Sohil	10/29/2025 4:01:50	Peak Integrated by Software
AR1254CCC500	PP076129.D	AR-1254-1	yogesh	10/29/2025 8:36:28 AM	Sohil	10/29/2025 4:01:52	Peak Integrated by Software

Manual Integration Report

Sequence:

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Instrument

ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP076129.D	AR-1254-1 #2	yogesh	10/29/2025 8:36:28 AM	Sohil	10/29/2025 4:01:52	Peak Integrated by Software
AR1242CCC500	PP076143.D	AR-1242-4 #2	yogesh	10/29/2025 8:36:37 AM	Sohil	10/29/2025 4:02:35	Peak Integrated by Software
AR1242CCC500	PP076143.D	AR-1242-5 #2	yogesh	10/29/2025 8:36:37 AM	Sohil	10/29/2025 4:02:35	Peak Integrated by Software
AR1248CCC500	PP076144.D	AR-1248-3 #2	yogesh	10/29/2025 8:36:40 AM	Sohil	10/29/2025 4:02:40	Peak Integrated by Software
AR1248CCC500	PP076144.D	AR-1248-5 #2	yogesh	10/29/2025 8:36:40 AM	Sohil	10/29/2025 4:02:40	Peak Integrated by Software
AR1254CCC500	PP076145.D	AR-1254-1	yogesh	10/29/2025 8:36:42 AM	Sohil	10/29/2025 4:02:44	Peak Integrated by Software

Manual Integration Report

Sequence:	Pp102925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP076149.D	AR-1242-1 #2	yogesh	10/30/2025 7:21:19 AM	Sohil	10/30/2025 3:45:15	Peak Integrated by Software
AR1242CCC500	PP076149.D	AR-1242-4 #2	yogesh	10/30/2025 7:21:19 AM	Sohil	10/30/2025 3:45:15	Peak Integrated by Software
AR1248CCC500	PP076150.D	AR-1248-3 #2	yogesh	10/30/2025 7:21:21 AM	Sohil	10/30/2025 3:45:38	Peak Integrated by Software
AR1254CCC500	PP076151.D	AR-1254-1	yogesh	10/30/2025 7:21:23 AM	Sohil	10/30/2025 3:45:40	Peak Integrated by Software
I.BLK	PP076152.D	Decachlorobiphenyl	yogesh	10/30/2025 7:21:25 AM	Sohil	10/30/2025 3:45:43	Peak Integrated by Software
PB170282BS	PP076153.D	AR-1260-4	yogesh	10/30/2025 7:21:27 AM	Sohil	10/30/2025 3:45:45	Peak Integrated by Software
AR1242CCC500	PP076160.D	AR-1242-4 #2	yogesh	10/30/2025 7:21:35 AM	Sohil	10/30/2025 3:45:55	Peak Integrated by Software
AR1248CCC500	PP076161.D	AR-1248-3 #2	yogesh	10/30/2025 7:21:37 AM	Sohil	10/30/2025 3:45:58	Peak Integrated by Software
AR1248CCC500	PP076161.D	AR-1248-5 #2	yogesh	10/30/2025 7:21:37 AM	Sohil	10/30/2025 3:45:58	Peak Integrated by Software
AR1254CCC500	PP076162.D	AR-1254-1	yogesh	10/30/2025 7:21:39 AM	Sohil	10/30/2025 3:46:01	Peak Integrated by Software
AR1242CCC500	PP076174.D	AR-1242-4 #2	yogesh	10/30/2025 8:22:43 AM	Sohil	10/30/2025 3:46:22	Peak Integrated by Software
AR1242CCC500	PP076174.D	AR-1242-5 #2	yogesh	10/30/2025 8:22:43 AM	Sohil	10/30/2025 3:46:22	Peak Integrated by Software
AR1248CCC500	PP076175.D	AR-1248-3 #2	yogesh	10/30/2025 7:21:55 AM	Sohil	10/30/2025 3:46:24	Peak Integrated by Software



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

Manual Integration Report

Sequence:	Pp102925	Instrument	ECD_p
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Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC500	PP076175.D	AR-1248-5 #2	yogesh	10/30/2025 7:21:55 AM	Sohil	10/30/2025 3:46:24	Peak Integrated by Software
AR1254CCC500	PP076176.D	AR-1254-1	yogesh	10/30/2025 7:21:56 AM	Sohil	10/30/2025 3:46:27	Peak Integrated by Software

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM
SubDirectory	PO100925	HP Acquire Method	HP Processing Method PO100925
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	PO114311.D	09 Oct 2025 13:37	YP/AJ	Ok
2	I.BLK	PO114312.D	09 Oct 2025 13:55	YP/AJ	Ok
3	AR1660ICC1000	PO114313.D	09 Oct 2025 14:14	YP/AJ	Ok
4	AR1660ICC750	PO114314.D	09 Oct 2025 14:32	YP/AJ	Ok
5	AR1660ICC500	PO114315.D	09 Oct 2025 14:50	YP/AJ	Ok
6	AR1660ICC250	PO114316.D	09 Oct 2025 15:09	YP/AJ	Ok
7	AR1660ICC050	PO114317.D	09 Oct 2025 15:27	YP/AJ	Ok,M
8	AR1221ICC500	PO114318.D	09 Oct 2025 15:45	YP/AJ	Ok
9	AR1232ICC500	PO114319.D	09 Oct 2025 16:04	YP/AJ	Ok
10	AR1242ICC1000	PO114320.D	09 Oct 2025 16:22	YP/AJ	Ok
11	AR1242ICC750	PO114321.D	09 Oct 2025 16:40	YP/AJ	Ok
12	AR1242ICC500	PO114322.D	09 Oct 2025 16:59	YP/AJ	Ok
13	AR1242ICC250	PO114323.D	09 Oct 2025 17:17	YP/AJ	Ok
14	AR1242ICC050	PO114324.D	09 Oct 2025 17:35	YP/AJ	Ok,M
15	AR1248ICC1000	PO114325.D	09 Oct 2025 17:54	YP/AJ	Ok
16	AR1248ICC750	PO114326.D	09 Oct 2025 18:12	YP/AJ	Ok
17	AR1248ICC500	PO114327.D	09 Oct 2025 18:30	YP/AJ	Ok
18	AR1248ICC250	PO114328.D	09 Oct 2025 18:49	YP/AJ	Ok,M
19	AR1248ICC050	PO114329.D	09 Oct 2025 19:07	YP/AJ	Ok,M
20	AR1254ICC1000	PO114330.D	09 Oct 2025 19:26	YP/AJ	Ok
21	AR1254ICC750	PO114331.D	09 Oct 2025 19:44	YP/AJ	Ok

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM
SubDirectory	PO100925	HP Acquire Method	HP Processing Method PO100925
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	PO114332.D	09 Oct 2025 20:02	YP/AJ	Ok
23	AR1254ICC250	PO114333.D	09 Oct 2025 20:21	YP/AJ	Ok
24	AR1254ICC050	PO114334.D	09 Oct 2025 20:39	YP/AJ	Ok
25	AR1262ICC500	PO114335.D	09 Oct 2025 20:57	YP/AJ	Ok
26	AR1268ICC1000	PO114336.D	09 Oct 2025 21:16	YP/AJ	Ok
27	AR1268ICC750	PO114337.D	09 Oct 2025 21:34	YP/AJ	Ok
28	AR1268ICC500	PO114338.D	09 Oct 2025 21:52	YP/AJ	Ok
29	AR1268ICC250	PO114339.D	09 Oct 2025 22:11	YP/AJ	Ok,M
30	AR1268ICC050	PO114340.D	09 Oct 2025 22:29	YP/AJ	Ok,M
31	PO100925ICV500	PO114341.D	09 Oct 2025 22:47	YP/AJ	Ok
32	AR1242ICV500	PO114342.D	09 Oct 2025 23:24	YP/AJ	Ok
33	AR1248ICV500	PO114343.D	10 Oct 2025 00:01	YP/AJ	Ok
34	AR1254ICV500	PO114344.D	10 Oct 2025 00:38	YP/AJ	Ok
35	AR1268ICV500	PO114345.D	10 Oct 2025 01:14	YP/AJ	Ok
36	DDT ANALOG	PO114346.D	10 Oct 2025 01:51	YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102825

Review By	yogesh	Review On	10/28/2025 10:22:06 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:07:05 PM
SubDirectory	PO102825	HP Acquire Method	HP Processing Method PO100925
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	PO114693.D	28 Oct 2025 09:15	YP/AJ	Ok
2	AR1660CCC500	PO114694.D	28 Oct 2025 09:33	YP/AJ	Ok,M
3	AR1242CCC500	PO114695.D	28 Oct 2025 10:10	YP/AJ	Ok
4	AR1248CCC500	PO114696.D	28 Oct 2025 10:28	YP/AJ	Ok
5	AR1254CCC500	PO114697.D	28 Oct 2025 10:47	YP/AJ	Ok,M
6	AR1268CCC500	PO114698.D	28 Oct 2025 11:05	YP/AJ	Ok
7	I.BLK	PO114699.D	28 Oct 2025 11:23	YP/AJ	Ok,M
8	Q3461-01	PO114700.D	28 Oct 2025 11:52	YP/AJ	Dilution
9	Q3461-02	PO114701.D	28 Oct 2025 12:10	YP/AJ	Dilution
10	Q3461-03	PO114702.D	28 Oct 2025 12:29	YP/AJ	Ok,M
11	Q3461-04	PO114703.D	28 Oct 2025 12:47	YP/AJ	Ok
12	Q3461-03	PO114704.D	28 Oct 2025 13:05	YP/AJ	Not Ok
13	Q3461-01DL	PO114705.D	28 Oct 2025 13:24	YP/AJ	Ok,M
14	Q3461-02DL	PO114706.D	28 Oct 2025 13:42	YP/AJ	Ok
15	Q3461-01MS	PO114707.D	28 Oct 2025 14:00	YP/AJ	Ok,M
16	Q3461-01MSD	PO114708.D	28 Oct 2025 14:19	YP/AJ	Ok,M
17	AR1660CCC500	PO114709.D	28 Oct 2025 15:28	YP/AJ	Ok,M
18	AR1242CCC500	PO114710.D	28 Oct 2025 15:46	YP/AJ	Ok
19	AR1248CCC500	PO114711.D	28 Oct 2025 16:05	YP/AJ	Ok
20	AR1254CCC500	PO114712.D	28 Oct 2025 16:23	YP/AJ	Ok
21	I.BLK	PO114713.D	28 Oct 2025 16:41	YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102825

Review By	yogesh	Review On	10/28/2025 10:22:06 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:07:05 PM
SubDirectory	PO102825	HP Acquire Method	HP Processing Method PO100925
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	PB170284BL	PO114714.D	28 Oct 2025 17:00	YP/AJ	Ok
23	PB170284BS	PO114715.D	28 Oct 2025 17:18	YP/AJ	Ok,M
24	Q3453-01	PO114716.D	28 Oct 2025 17:36	YP/AJ	Ok,M
25	Q3453-02	PO114717.D	28 Oct 2025 17:55	YP/AJ	Ok
26	Q3453-03	PO114718.D	28 Oct 2025 18:13	YP/AJ	Ok
27	Q3453-04	PO114719.D	28 Oct 2025 18:32	YP/AJ	Ok,M
28	Q3458-01	PO114720.D	28 Oct 2025 18:50	YP/AJ	Ok
29	AR1660CCC500	PO114721.D	28 Oct 2025 20:03	YP/AJ	Ok,M
30	AR1242CCC500	PO114722.D	28 Oct 2025 20:59	YP/AJ	Ok,M
31	AR1248CCC500	PO114723.D	28 Oct 2025 21:17	YP/AJ	Ok,M
32	AR1254CCC500	PO114724.D	28 Oct 2025 21:35	YP/AJ	Ok,M
33	I.BLK	PO114725.D	28 Oct 2025 21:54	YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125
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	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125
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	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM
SubDirectory	PP102825	HP Acquire Method	HP Processing Method PP102125
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	PP076109.D	28 Oct 2025 09:06	YP\AJ	Ok
2	AR1660CCC500	PP076110.D	28 Oct 2025 09:22	YP\AJ	Ok
3	AR1242CCC500	PP076111.D	28 Oct 2025 09:43	YP\AJ	Ok,M
4	AR1248CCC500	PP076112.D	28 Oct 2025 10:00	YP\AJ	Ok,M
5	AR1254CCC500	PP076113.D	28 Oct 2025 10:16	YP\AJ	Ok,M
6	AR1268CCC500	PP076114.D	28 Oct 2025 10:32	YP\AJ	Ok
7	I.BLK	PP076115.D	28 Oct 2025 10:48	YP\AJ	Ok
8	Q3439-01	PP076116.D	28 Oct 2025 11:05	YP\AJ	Ok
9	Q3460-05	PP076117.D	28 Oct 2025 11:21	YP\AJ	Ok
10	Q3460-09	PP076118.D	28 Oct 2025 11:37	YP\AJ	Ok
11	Q3447-03RE	PP076119.D	28 Oct 2025 11:53	YP\AJ	Confirms
12	Q3447-01RE	PP076120.D	28 Oct 2025 12:09	YP\AJ	Confirms
13	Q3472-10	PP076121.D	28 Oct 2025 12:26	YP\AJ	Ok,M
14	Q3472-12	PP076122.D	28 Oct 2025 12:42	YP\AJ	Ok,M
15	Q3472-14	PP076123.D	28 Oct 2025 12:58	YP\AJ	Ok,M
16	Q3472-16	PP076124.D	28 Oct 2025 13:14	YP\AJ	Ok,M
17	Q3472-18	PP076125.D	28 Oct 2025 13:30	YP\AJ	Ok,M
18	AR1660CCC500	PP076126.D	28 Oct 2025 14:35	YP\AJ	Ok,M
19	AR1242CCC500	PP076127.D	28 Oct 2025 14:52	YP\AJ	Ok,M
20	AR1248CCC500	PP076128.D	28 Oct 2025 15:08	YP\AJ	Ok,M
21	AR1254CCC500	PP076129.D	28 Oct 2025 15:24	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM
SubDirectory	PP102825	HP Acquire Method	HP Processing Method PP102125
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	AR1268CCC500	PP076130.D	28 Oct 2025 15:40	YP\AJ	Ok
23	I.BLK	PP076131.D	28 Oct 2025 15:57	YP\AJ	Ok
24	PB170282BL	PP076132.D	28 Oct 2025 16:13	YP\AJ	Ok
25	PB170282BS	PP076133.D	28 Oct 2025 16:29	YP\AJ	Not Ok
26	Q3465-01	PP076134.D	28 Oct 2025 16:45	YP\AJ	Ok
27	Q3466-02	PP076135.D	28 Oct 2025 17:02	YP\AJ	Ok,M
28	Q3466-05	PP076136.D	28 Oct 2025 17:18	YP\AJ	Ok
29	Q3466-07	PP076137.D	28 Oct 2025 17:34	YP\AJ	Ok
30	Q3469-01	PP076138.D	28 Oct 2025 17:50	YP\AJ	Ok
31	Q3472-04	PP076139.D	28 Oct 2025 18:06	YP\AJ	Ok,M
32	Q3472-06	PP076140.D	28 Oct 2025 18:23	YP\AJ	Ok,M
33	Q3472-08	PP076141.D	28 Oct 2025 18:39	YP\AJ	Not Ok
34	AR1660CCC500	PP076142.D	28 Oct 2025 19:44	YP\AJ	Ok
35	AR1242CCC500	PP076143.D	28 Oct 2025 20:32	YP\AJ	Ok,M
36	AR1248CCC500	PP076144.D	28 Oct 2025 20:49	YP\AJ	Ok,M
37	AR1254CCC500	PP076145.D	28 Oct 2025 21:05	YP\AJ	Ok,M
38	I.BLK	PP076146.D	28 Oct 2025 21:21	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102925

Review By	yogesh	Review On	10/29/2025 10:06:47 AM
Supervise By	Sohil	Supervise On	10/30/2025 3:46:40 PM
SubDirectory	PP102925	HP Acquire Method	HP Processing Method PP102125
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	PP076147.D	29 Oct 2025 09:32	YP\AJ	Ok
2	AR1660CCC500	PP076148.D	29 Oct 2025 09:48	YP\AJ	Ok
3	AR1242CCC500	PP076149.D	29 Oct 2025 10:05	YP\AJ	Ok,M
4	AR1248CCC500	PP076150.D	29 Oct 2025 10:21	YP\AJ	Ok,M
5	AR1254CCC500	PP076151.D	29 Oct 2025 10:37	YP\AJ	Ok,M
6	I.BLK	PP076152.D	29 Oct 2025 10:53	YP\AJ	Ok,M
7	PB170282BS	PP076153.D	29 Oct 2025 11:10	YP\AJ	Ok,M
8	Q3472-08	PP076154.D	29 Oct 2025 11:28	YP\AJ	Ok,M
9	Q3480-01	PP076155.D	29 Oct 2025 12:00	YP\AJ	Ok
10	Q3480-01MS	PP076156.D	29 Oct 2025 12:16	YP\AJ	Ok,M
11	Q3480-01MSD	PP076157.D	29 Oct 2025 12:33	YP\AJ	Ok,M
12	Q3481-01	PP076158.D	29 Oct 2025 12:49	YP\AJ	Ok
13	AR1660CCC500	PP076159.D	29 Oct 2025 13:54	YP\AJ	Ok
14	AR1242CCC500	PP076160.D	29 Oct 2025 14:10	YP\AJ	Ok,M
15	AR1248CCC500	PP076161.D	29 Oct 2025 14:27	YP\AJ	Ok,M
16	AR1254CCC500	PP076162.D	29 Oct 2025 14:43	YP\AJ	Ok,M
17	I.BLK	PP076163.D	29 Oct 2025 14:59	YP\AJ	Ok
18	PB170304BL	PP076164.D	29 Oct 2025 15:15	YP\AJ	Ok
19	PB170304BS	PP076165.D	29 Oct 2025 15:32	YP\AJ	Ok,M
20	PB170304BSD	PP076166.D	29 Oct 2025 15:48	YP\AJ	Ok,M
21	Q3454-01	PP076167.D	29 Oct 2025 16:04	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102925

Review By	yogesh	Review On	10/29/2025 10:06:47 AM
Supervise By	Sohil	Supervise On	10/30/2025 3:46:40 PM
SubDirectory	PP102925	HP Acquire Method	HP Processing Method PP102125
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	Q3472-20	PP076168.D	29 Oct 2025 16:20	YP\AJ	Ok,M
23	Q3475-01	PP076169.D	29 Oct 2025 16:36	YP\AJ	Ok,M
24	Q3477-03	PP076170.D	29 Oct 2025 16:53	YP\AJ	Ok,M
25	Q3472-03	PP076171.D	29 Oct 2025 17:09	YP\AJ	Ok,M
26	Q3472-19	PP076172.D	29 Oct 2025 17:25	YP\AJ	Not Ok
27	AR1660CCC500	PP076173.D	29 Oct 2025 18:30	YP\AJ	Ok
28	AR1242CCC500	PP076174.D	29 Oct 2025 19:19	YP\AJ	Ok,M
29	AR1248CCC500	PP076175.D	29 Oct 2025 19:35	YP\AJ	Ok,M
30	AR1254CCC500	PP076176.D	29 Oct 2025 19:51	YP\AJ	Ok,M
31	I.BLK	PP076177.D	29 Oct 2025 20:07	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM
SubDirectory	PO100925	HP Acquire Method	HP Processing Method PO100925

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	PO114311.D	09 Oct 2025 13:37		YP/AJ	Ok
2	I.BLK	I.BLK	PO114312.D	09 Oct 2025 13:55		YP/AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PO114313.D	09 Oct 2025 14:14		YP/AJ	Ok
4	AR1660ICC750	AR1660ICC750	PO114314.D	09 Oct 2025 14:32		YP/AJ	Ok
5	AR1660ICC500	AR1660ICC500	PO114315.D	09 Oct 2025 14:50		YP/AJ	Ok
6	AR1660ICC250	AR1660ICC250	PO114316.D	09 Oct 2025 15:09		YP/AJ	Ok
7	AR1660ICC050	AR1660ICC050	PO114317.D	09 Oct 2025 15:27		YP/AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PO114318.D	09 Oct 2025 15:45		YP/AJ	Ok
9	AR1232ICC500	AR1232ICC500	PO114319.D	09 Oct 2025 16:04		YP/AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PO114320.D	09 Oct 2025 16:22		YP/AJ	Ok
11	AR1242ICC750	AR1242ICC750	PO114321.D	09 Oct 2025 16:40		YP/AJ	Ok
12	AR1242ICC500	AR1242ICC500	PO114322.D	09 Oct 2025 16:59		YP/AJ	Ok
13	AR1242ICC250	AR1242ICC250	PO114323.D	09 Oct 2025 17:17		YP/AJ	Ok
14	AR1242ICC050	AR1242ICC050	PO114324.D	09 Oct 2025 17:35		YP/AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PO114325.D	09 Oct 2025 17:54		YP/AJ	Ok
16	AR1248ICC750	AR1248ICC750	PO114326.D	09 Oct 2025 18:12		YP/AJ	Ok
17	AR1248ICC500	AR1248ICC500	PO114327.D	09 Oct 2025 18:30		YP/AJ	Ok
18	AR1248ICC250	AR1248ICC250	PO114328.D	09 Oct 2025 18:49		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO100925

Review By	yogesh	Review On	10/9/2025 1:00:25 PM
Supervise By	mohammad	Supervise On	10/11/2025 1:35:39 AM
SubDirectory	PO100925	HP Acquire Method	HP Processing Method PO100925
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	PO114329.D	09 Oct 2025 19:07		YP/AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PO114330.D	09 Oct 2025 19:26		YP/AJ	Ok
21	AR1254ICC750	AR1254ICC750	PO114331.D	09 Oct 2025 19:44		YP/AJ	Ok
22	AR1254ICC500	AR1254ICC500	PO114332.D	09 Oct 2025 20:02		YP/AJ	Ok
23	AR1254ICC250	AR1254ICC250	PO114333.D	09 Oct 2025 20:21		YP/AJ	Ok
24	AR1254ICC050	AR1254ICC050	PO114334.D	09 Oct 2025 20:39		YP/AJ	Ok
25	AR1262ICC500	AR1262ICC500	PO114335.D	09 Oct 2025 20:57		YP/AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PO114336.D	09 Oct 2025 21:16		YP/AJ	Ok
27	AR1268ICC750	AR1268ICC750	PO114337.D	09 Oct 2025 21:34		YP/AJ	Ok
28	AR1268ICC500	AR1268ICC500	PO114338.D	09 Oct 2025 21:52		YP/AJ	Ok
29	AR1268ICC250	AR1268ICC250	PO114339.D	09 Oct 2025 22:11		YP/AJ	Ok,M
30	AR1268ICC050	AR1268ICC050	PO114340.D	09 Oct 2025 22:29		YP/AJ	Ok,M
31	PO100925ICV500	ICVPO100925	PO114341.D	09 Oct 2025 22:47		YP/AJ	Ok
32	AR1242ICV500	ICVPO100925AR1242	PO114342.D	09 Oct 2025 23:24		YP/AJ	Ok
33	AR1248ICV500	ICVPO100925AR1248	PO114343.D	10 Oct 2025 00:01		YP/AJ	Ok
34	AR1254ICV500	ICVPO100925AR1254	PO114344.D	10 Oct 2025 00:38		YP/AJ	Ok
35	AR1268ICV500	ICVPO100925AR1268	PO114345.D	10 Oct 2025 01:14		YP/AJ	Ok
36	DDT ANALOG	DDT ANALOG	PO114346.D	10 Oct 2025 01:51		YP/AJ	Ok

M : Manual Integration

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102825

Review By	yogesh	Review On	10/28/2025 10:22:06 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:07:05 PM
SubDirectory	PO102825	HP Acquire Method	HP Processing Method PO100925
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	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		
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	PO114693.D	28 Oct 2025 09:15		YP/AJ	Ok
2	AR1660CCC500	AR1660CCC500	PO114694.D	28 Oct 2025 09:33	AR1260-04 high in second column	YP/AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PO114695.D	28 Oct 2025 10:10		YP/AJ	Ok
4	AR1248CCC500	AR1248CCC500	PO114696.D	28 Oct 2025 10:28		YP/AJ	Ok
5	AR1254CCC500	AR1254CCC500	PO114697.D	28 Oct 2025 10:47		YP/AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PO114698.D	28 Oct 2025 11:05		YP/AJ	Ok
7	I.BLK	I.BLK	PO114699.D	28 Oct 2025 11:23		YP/AJ	Ok,M
8	Q3461-01	SS-9R(4.5-5.0)	PO114700.D	28 Oct 2025 11:52	AR1254 Hit,Need 2X	YP/AJ	Dilution
9	Q3461-02	SS-9R(5.0-5.5)	PO114701.D	28 Oct 2025 12:10	AR1254 Hit,Need 100X	YP/AJ	Dilution
10	Q3461-03	SS-25(4.5-5.0)	PO114702.D	28 Oct 2025 12:29	AR1254 Hit	YP/AJ	Ok,M
11	Q3461-04	SS-25(5.0-5.5)	PO114703.D	28 Oct 2025 12:47	AR1254 Hit	YP/AJ	Ok
12	Q3461-03	SS-25(4.5-5.0)	PO114704.D	28 Oct 2025 13:05	AR1254 Hit,Already run	YP/AJ	Not Ok
13	Q3461-01DL	SS-9R(4.5-5.0)DL	PO114705.D	28 Oct 2025 13:24	AR1254 Hit	YP/AJ	Ok,M
14	Q3461-02DL	SS-9R(5.0-5.5)DL	PO114706.D	28 Oct 2025 13:42	AR1254 Hit	YP/AJ	Ok
15	Q3461-01MS	SS-9R(4.5-5.0)MS	PO114707.D	28 Oct 2025 14:00	AR1260 recovery fail	YP/AJ	Ok,M
16	Q3461-01MSD	SS-9R(4.5-5.0)MSD	PO114708.D	28 Oct 2025 14:19	AR1260 recovery and RPD fail	YP/AJ	Ok,M
17	AR1660CCC500	AR1660CCC500	PO114709.D	28 Oct 2025 15:28		YP/AJ	Ok,M

Instrument ID: ECD_O

Daily Analysis Runlog For Sequence/QC Batch ID # PO102825

Review By	yogesh	Review On	10/28/2025 10:22:06 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:07:05 PM
SubDirectory	PO102825	HP Acquire Method	HP Processing Method PO100925
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	PO114710.D	28 Oct 2025 15:46		YP/AJ	Ok
19	AR1248CCC500	AR1248CCC500	PO114711.D	28 Oct 2025 16:05		YP/AJ	Ok
20	AR1254CCC500	AR1254CCC500	PO114712.D	28 Oct 2025 16:23		YP/AJ	Ok
21	I.BLK	I.BLK	PO114713.D	28 Oct 2025 16:41		YP/AJ	Ok,M
22	PB170284BL	PB170284BL	PO114714.D	28 Oct 2025 17:00		YP/AJ	Ok
23	PB170284BS	PB170284BS	PO114715.D	28 Oct 2025 17:18		YP/AJ	Ok,M
24	Q3453-01	102225-A	PO114716.D	28 Oct 2025 17:36	AR1242 Hit	YP/AJ	Ok,M
25	Q3453-02	102225-B	PO114717.D	28 Oct 2025 17:55	AR1242 Hit	YP/AJ	Ok
26	Q3453-03	102325-A	PO114718.D	28 Oct 2025 18:13	AR1242 Hit	YP/AJ	Ok
27	Q3453-04	102325-B	PO114719.D	28 Oct 2025 18:32	AR1242 Hit	YP/AJ	Ok,M
28	Q3458-01	TRE-25-0116	PO114720.D	28 Oct 2025 18:50		YP/AJ	Ok
29	AR1660CCC500	AR1660CCC500	PO114721.D	28 Oct 2025 20:03		YP/AJ	Ok,M
30	AR1242CCC500	AR1242CCC500	PO114722.D	28 Oct 2025 20:59		YP/AJ	Ok,M
31	AR1248CCC500	AR1248CCC500	PO114723.D	28 Oct 2025 21:17		YP/AJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PO114724.D	28 Oct 2025 21:35		YP/AJ	Ok,M
33	I.BLK	I.BLK	PO114725.D	28 Oct 2025 21:54		YP/AJ	Ok,M

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125

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	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM
SubDirectory	PP102125	HP Acquire Method	HP Processing Method PP102125
STD. NAME	STD REF.#		
Tune/Reschk	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,P PP24830,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		
Initial Calibration Stds			
CCC			
Internal Standard/PEM			
ICV/I.BLK			
Surrogate Standard			
MS/MSD Standard	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862		
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP075904.D	21 Oct 2025 13:46		YPIAJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YPIAJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YPIAJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YPIAJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YPIAJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YPIAJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YPIAJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YPIAJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM
SubDirectory	PP102825	HP Acquire Method	HP Processing Method PP102125

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	PP076109.D	28 Oct 2025 09:06		YPIAJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076110.D	28 Oct 2025 09:22		YPIAJ	Ok
3	AR1242CCC500	AR1242CCC500	PP076111.D	28 Oct 2025 09:43	AR1260-04 high in second column	YPIAJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076112.D	28 Oct 2025 10:00		YPIAJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076113.D	28 Oct 2025 10:16	TCMX high in sec column	YPIAJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PP076114.D	28 Oct 2025 10:32		YPIAJ	Ok
7	I.BLK	I.BLK	PP076115.D	28 Oct 2025 10:48		YPIAJ	Ok
8	Q3439-01	TP-9	PP076116.D	28 Oct 2025 11:05		YPIAJ	Ok
9	Q3460-05	WC-2	PP076117.D	28 Oct 2025 11:21		YPIAJ	Ok
10	Q3460-09	WC-3	PP076118.D	28 Oct 2025 11:37		YPIAJ	Ok
11	Q3447-03RE	P001-TW2-251023-01	PP076119.D	28 Oct 2025 11:53	F Flag in TCMX in 2nd column , TCMX high in both column , AR1254+1260 Hit	YPIAJ	Confirms
12	Q3447-01RE	P001-TW1-251023-01	PP076120.D	28 Oct 2025 12:09	F Flag in TCMX in 2nd column ,DCB high 1st column, TCMX high in both column	YPIAJ	Confirms
13	Q3472-10	COMP-4	PP076121.D	28 Oct 2025 12:26	TCMX low in 2nd column	YPIAJ	Ok,M
14	Q3472-12	COMP-5	PP076122.D	28 Oct 2025 12:42		YPIAJ	Ok,M
15	Q3472-14	155	PP076123.D	28 Oct 2025 12:58	DCB low 2nd column	YPIAJ	Ok,M
16	Q3472-16	142	PP076124.D	28 Oct 2025 13:14		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM
SubDirectory	PP102825	HP Acquire Method	HP Processing Method PP102125
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			

17	Q3472-18	137	PP076125.D	28 Oct 2025 13:30	TCX, high 2nd column	YPIAJ	Ok,M
18	AR1660CCC500	AR1660CCC500	PP076126.D	28 Oct 2025 14:35		YPIAJ	Ok,M
19	AR1242CCC500	AR1242CCC500	PP076127.D	28 Oct 2025 14:52		YPIAJ	Ok,M
20	AR1248CCC500	AR1248CCC500	PP076128.D	28 Oct 2025 15:08		YPIAJ	Ok,M
21	AR1254CCC500	AR1254CCC500	PP076129.D	28 Oct 2025 15:24		YPIAJ	Ok,M
22	AR1268CCC500	AR1268CCC500	PP076130.D	28 Oct 2025 15:40		YPIAJ	Ok
23	I.BLK	I.BLK	PP076131.D	28 Oct 2025 15:57		YPIAJ	Ok
24	PB170282BL	PB170282BL	PP076132.D	28 Oct 2025 16:13		YPIAJ	Ok
25	PB170282BS	PB170282BS	PP076133.D	28 Oct 2025 16:29	AR1016 recovery fail	YPIAJ	Not Ok
26	Q3465-01	SU-03-10242025	PP076134.D	28 Oct 2025 16:45	AR1254 Hit	YPIAJ	Ok
27	Q3466-02	B8-0.0-1.0-20251023	PP076135.D	28 Oct 2025 17:02	AR1254 Hit	YPIAJ	Ok,M
28	Q3466-05	B9-0.0-1.0-20251023	PP076136.D	28 Oct 2025 17:18		YPIAJ	Ok
29	Q3466-07	B7-1.0-2.0-20251023	PP076137.D	28 Oct 2025 17:34		YPIAJ	Ok
30	Q3469-01	TP-13	PP076138.D	28 Oct 2025 17:50		YPIAJ	Ok
31	Q3472-04	COMP-1	PP076139.D	28 Oct 2025 18:06		YPIAJ	Ok,M
32	Q3472-06	COMP-2	PP076140.D	28 Oct 2025 18:23	TCMX high in 2nd column	YPIAJ	Ok,M
33	Q3472-08	COMP-3	PP076141.D	28 Oct 2025 18:39	F Flag in TCMX in 2nd column , TCMX high in both column	YPIAJ	Not Ok
34	AR1660CCC500	AR1660CCC500	PP076142.D	28 Oct 2025 19:44		YPIAJ	Ok
35	AR1242CCC500	AR1242CCC500	PP076143.D	28 Oct 2025 20:32		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM
SubDirectory	PP102825	HP Acquire Method	HP Processing Method PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	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
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	

36	AR1248CCC500	AR1248CCC500	PP076144.D	28 Oct 2025 20:49		YPIAJ	Ok,M
37	AR1254CCC500	AR1254CCC500	PP076145.D	28 Oct 2025 21:05		YPIAJ	Ok,M
38	I.BLK	I.BLK	PP076146.D	28 Oct 2025 21:21		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102925

Review By	yogesh	Review On	10/29/2025 10:06:47 AM
Supervise By	Sohil	Supervise On	10/30/2025 3:46:40 PM
SubDirectory	PP102925	HP Acquire Method	HP Processing Method PP102125

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	PP076147.D	29 Oct 2025 09:32		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076148.D	29 Oct 2025 09:48		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP076149.D	29 Oct 2025 10:05		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076150.D	29 Oct 2025 10:21		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076151.D	29 Oct 2025 10:37		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076152.D	29 Oct 2025 10:53		YP\AJ	Ok,M
7	PB170282BS	PB170282BS	PP076153.D	29 Oct 2025 11:10		YP\AJ	Ok,M
8	Q3472-08	COMP-3	PP076154.D	29 Oct 2025 11:28	TCMX high in 2nd column	YP\AJ	Ok,M
9	Q3480-01	RT3449	PP076155.D	29 Oct 2025 12:00		YP\AJ	Ok
10	Q3480-01MS	RT3449MS	PP076156.D	29 Oct 2025 12:16		YP\AJ	Ok,M
11	Q3480-01MSD	RT3449MSD	PP076157.D	29 Oct 2025 12:33		YP\AJ	Ok,M
12	Q3481-01	OR-02-102825	PP076158.D	29 Oct 2025 12:49		YP\AJ	Ok
13	AR1660CCC500	AR1660CCC500	PP076159.D	29 Oct 2025 13:54		YP\AJ	Ok
14	AR1242CCC500	AR1242CCC500	PP076160.D	29 Oct 2025 14:10		YP\AJ	Ok,M
15	AR1248CCC500	AR1248CCC500	PP076161.D	29 Oct 2025 14:27		YP\AJ	Ok,M
16	AR1254CCC500	AR1254CCC500	PP076162.D	29 Oct 2025 14:43		YP\AJ	Ok,M
17	I.BLK	I.BLK	PP076163.D	29 Oct 2025 14:59		YP\AJ	Ok
18	PB170304BL	PB170304BL	PP076164.D	29 Oct 2025 15:15		YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP102925

Review By	yogesh	Review On	10/29/2025 10:06:47 AM
Supervise By	Sohil	Supervise On	10/30/2025 3:46:40 PM
SubDirectory	PP102925	HP Acquire Method	HP Processing Method PP102125
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			

19	PB170304BS	PB170304BS	PP076165.D	29 Oct 2025 15:32		YPIAJ	Ok,M
20	PB170304BSD	PB170304BSD	PP076166.D	29 Oct 2025 15:48		YPIAJ	Ok,M
21	Q3454-01	101625	PP076167.D	29 Oct 2025 16:04		YPIAJ	Ok,M
22	Q3472-20	COMP-6	PP076168.D	29 Oct 2025 16:20	DCB high in 2nd column	YPIAJ	Ok,M
23	Q3475-01	GW-DRUM	PP076169.D	29 Oct 2025 16:36	AR1254 Hit	YPIAJ	Ok,M
24	Q3477-03	SOUTH-MAHWAH-WA	PP076170.D	29 Oct 2025 16:53		YPIAJ	Ok,M
25	Q3472-03	COMP-7	PP076171.D	29 Oct 2025 17:09		YPIAJ	Ok,M
26	Q3472-19	159	PP076172.D	29 Oct 2025 17:25	DCB Low in 2nd column, Need to re-run for confirm for hit	YPIAJ	Not Ok
27	AR1660CCC500	AR1660CCC500	PP076173.D	29 Oct 2025 18:30	AR1260-04 high in second column	YPIAJ	Ok
28	AR1242CCC500	AR1242CCC500	PP076174.D	29 Oct 2025 19:19		YPIAJ	Ok,M
29	AR1248CCC500	AR1248CCC500	PP076175.D	29 Oct 2025 19:35		YPIAJ	Ok,M
30	AR1254CCC500	AR1254CCC500	PP076176.D	29 Oct 2025 19:51		YPIAJ	Ok,M
31	I.BLK	I.BLK	PP076177.D	29 Oct 2025 20:07		YPIAJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 10/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 10/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137661

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
Q3459-01	Y2404-0071-END-1-1	1	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-02	Y2404-0071-END-1-2	2	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-03	Y2404-0071-END-2-1	3	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-04	Y2404-0071-END-2-2	4	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-05	BC259240LOK-END-1-1	5	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-06	BC259240LOK-END-1-2	6	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-07	BC271327-END-1-1	7	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-08	BC271327-END-1-2	8	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-09	BC271327-END-2-1	9	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-10	BC271327-END-2-2	10	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-11	BC283118LOK-END-1-1	11	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-12	BC283118LOK-END-1-2	12	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-13	BC283118LOK-END-2-1	13	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-14	BC283118LOK-END-2-2	14	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-15	BC283118LOK-END-3-1	15	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-16	BC283118LOK-END-3-2	16	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-17	BC283118LOK-END-4-1	17	1.00	1.00	2.00	2.00	100.0	PILC
Q3459-18	BC283118LOK-END-4-2	18	1.00	1.00	2.00	2.00	100.0	PILC
Q3461-01	SS-9R(4.5-5.0)	19	1.18	10.38	11.56	10.34	88.2	
Q3461-02	SS-9R(5.0-5.5)	20	1.19	10.46	11.65	10.07	84.9	
Q3461-03	SS-25(4.5-5.0)	21	1.19	10.39	11.58	9.76	82.5	
Q3461-04	SS-25(5.0-5.5)	22	1.12	11.10	12.22	10.89	88.0	
Q3465-01	SU-03-10242025	23	1.16	10.29	11.45	10.74	93.1	
Q3465-02	SU-03-10242025-E2	24	1.18	10.49	11.67	10.23	86.3	
Q3466-01	B8-0.5-1.0-20251023	25	1.17	10.34	11.51	9.6	81.5	
Q3466-02	B8-0.0-1.0-20251023	26	1.16	10.36	11.52	10.00	85.3	
Q3466-04	B9-0.5-1.0-20251023	27	1.17	10.38	11.55	9.85	83.6	
Q3466-05	B9-0.0-1.0-20251023	28	1.18	10.42	11.6	9.85	83.2	



PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/28/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:40
In Date: 10/27/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:27
Out Date: 10/28/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB137661

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
Q3466-06	B7-1.5-2.0-20251023	29	1.14	10.35	11.49	10.57	91.1	
Q3466-07	B7-1.0-2.0-20251023	30	1.16	10.65	11.81	10.66	89.2	
Q3469-01	TP-13	31	1.18	10.10	11.28	10.38	91.1	
Q3469-02	TP-13-EPH	32	1.12	11.10	12.22	10.21	81.9	
Q3469-03	TP-13-VOC	33	1.11	10.41	11.52	10.52	90.4	
Q3470-01	PILC-1	34	1.00	1.00	2.00	2.00	100.0	PILC
Q3470-02	PILC-2	35	1.00	1.00	2.00	2.00	100.0	PILC
Q3472-04	COMP-1	36	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-06	COMP-2	37	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-08	COMP-3	38	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-10	COMP-4	39	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-12	COMP-5	40	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3472-14	155	41	1.00	1.00	2.00	2.00	100.0	debris
Q3472-16	142	42	1.00	1.00	2.00	2.00	100.0	oil sample
Q3472-18	137	43	1.00	1.00	2.00	2.00	100.0	oil sample
Q3474-01	WASTE	44	1.18	10.39	11.57	10.24	87.2	
Q3474-02	VOC	45	1.11	10.43	11.54	10.14	86.6	
Q3474-03	1	46	1.18	10.32	11.5	9.87	84.2	
Q3474-04	2	47	1.19	10.47	11.66	9.97	83.9	
Q3474-05	3	48	1.16	10.56	11.72	10.32	86.7	
Q3474-06	4	49	1.18	10.27	11.45	10.1	86.9	
Q3474-07	5	50	1.16	10.61	11.77	10.27	85.9	

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

WORKLIST(Hardcopy Internal Chain)

10/27/25

WorkList Name : %1-102725 WorkList ID : 192686 Department : Wet-Chemistry Date : 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3459-01	Y2404-0071-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-02	Y2404-0071-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-03	Y2404-0071-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-04	Y2404-0071-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-05	BC259240LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-06	BC259240LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-07	BC271327-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-08	BC271327-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-09	BC271327-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-10	BC271327-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-11	BC283118LOK-END-1-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-12	BC283118LOK-END-1-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-13	BC283118LOK-END-2-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-14	BC283118LOK-END-2-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-15	BC283118LOK-END-3-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-16	BC283118LOK-END-3-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-17	BC283118LOK-END-4-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3459-18	BC283118LOK-END-4-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/24/2025	Chemtech -SO
Q3461-01	SS-9R(4.5-5.0)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3461-02	SS-9R(5.0-5.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3461-03	SS-25(4.5-5.0)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO

Date/Time 10/27/25 17:45
 Raw Sample Received by: JH WOC
 Raw Sample Relinquished by: JH WOC

WORKLIST(Hardcopy Internal Chain)

137661

WorkList Name : %1-102725

WorkList ID : 192686

Department : Wet-Chemistry

Date : 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3461-04	SS-25(5.0-5.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D41	10/24/2025	Chemtech -SO
Q3465-01	SU-03-10242025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/24/2025	Chemtech -SO
Q3465-02	SU-03-10242025-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/24/2025	Chemtech -SO
Q3466-01	B8-0.5-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-02	B8-0.0-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-04	B9-0.5-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-05	B9-0.0-1.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-06	B7-1.5-2.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3466-07	B7-1.0-2.0-20251023	Solid	Percent Solids	Cool 4 deg C	HDR108	D41	10/23/2025	Chemtech -SO
Q3469-01	TP-13	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3469-02	TP-13-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3469-03	TP-13-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/25/2025	Chemtech -SO
Q3470-01	PILC-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3470-02	PILC-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-04	COMP-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-06	COMP-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-08	COMP-3	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-10	COMP-4	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-12	COMP-5	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-14	155	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3472-16	142	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO

Date/Time 10/27/25 15:30
 Raw Sample Received by: 88 WOC
 Raw Sample Relinquished by: CFS

Date/Time 10/27/25 17:45
 Raw Sample Received by: CFS
 Raw Sample Relinquished by: 88 WOC

WORKLIST(Hardcopy Internal Chain)

VB 137661

WorkList Name : %1-102725

WorkList ID : 192686

Department : Wet-Chemistry

Date : 10-27-2025 08:17:32

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3472-18	137	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/27/2025	Chemtech -SO
Q3474-01	WASTE	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-02	VOC	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-03	1	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-04	2	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-05	3	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-06	4	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO
Q3474-07	5	Solid	Percent Solids	Cool 4 deg C	SCIA01	J31	10/27/2025	Chemtech -SO

10/27/25 13130

Date/Time

Raw Sample Received by:

Raw Sample Relinquished by:

Date/Time 10/27/25 17145
 Raw Sample Received by: CP
 Raw Sample Relinquished by: SP

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Weigh By: EH

Balance check: EH

Balance ID: EX-SC-2

pH Strip Lot#: N/A

Extraction By: RJ

Filter By: RJ

pH Meter ID: N/A

Hood ID: 3,7

Extraction Start Date : 10/28/2025

Extraction Start Time : 08:35

Extraction End Date : 10/28/2025

Extraction End Time : 11:45

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Separatory Funnel ☐ Continuous 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	EP2655
Hexane	N/A	E3978
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721. Q3472 all samples used Limited volume as samples are Oily Debris & oil.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/28/25	RS (Ext Lab)	R. Post / PCB Lab
11:50	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 10/28/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170282BL	ABLK282	PCB	30.01	N/A	ritesh	Evelyn	10			U6-1
PB170282BS	ALCS282	PCB	30.02	N/A	ritesh	Evelyn	10			2
Q3461-01	SS-9R(4.5-5.0)	PCB	30.06	N/A	ritesh	Evelyn	10			3
Q3461-01MS	SS-9R(4.5-5.0)MS	PCB	30.04	N/A	ritesh	Evelyn	10			4
Q3461-01MS D	SS-9R(4.5-5.0)MSD	PCB	30.08	N/A	ritesh	Evelyn	10			5
Q3461-02	SS-9R(5.0-5.5)	PCB	30.07	N/A	ritesh	Evelyn	10			6
Q3461-03	SS-25(4.5-5.0)	PCB	30.05	N/A	ritesh	Evelyn	10			U1-1
Q3461-04	SS-25(5.0-5.5)	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3465-01	SU-03-10242025	PCB	30.04	N/A	ritesh	Evelyn	10	E		3
Q3466-02	B8-0.0-1.0-20251023	PCB	30.06	N/A	ritesh	Evelyn	10	B		4
Q3466-05	B9-0.0-1.0-20251023	PCB	30.01	N/A	ritesh	Evelyn	10	A		5
Q3466-07	B7-1.0-2.0-20251023	PCB	30.05	N/A	ritesh	Evelyn	10	B		6
Q3469-01	TP-13	PCB	30.03	N/A	ritesh	Evelyn	10	B		U2-1
Q3472-04	COMP-1	PCB	5.04	N/A	ritesh	Evelyn	10	C	Oily Debris	2
Q3472-06	COMP-2	PCB	5.08	N/A	ritesh	Evelyn	10	B	Oily Debris	3
Q3472-08	COMP-3	PCB	5.01	N/A	ritesh	Evelyn	10	B	Oily Debris	4
Q3472-10	COMP-4	PCB	5.06	N/A	ritesh	Evelyn	10	B	Oily Debris	5
Q3472-12	COMP-5	PCB	5.02	N/A	ritesh	Evelyn	10	B	Oily Debris	6
Q3472-14	155	PCB	5.07	N/A	ritesh	Evelyn	10	B	Oily Debris	U3-1
Q3472-16	142	PCB	1.03	N/A	ritesh	Evelyn	10	B	Oil	
Q3472-18	137	PCB	1.06	N/A	ritesh	Evelyn	10	A	Oil	

* Extracts relinquished on the same date as received.

RS
10/28

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3461 WorkList ID : 192721 Department : Extraction Date : 10-28-2025 08:29:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3461-01	SS-9R(4.5-5.0)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/24/2025	8082A
Q3461-02	SS-9R(5.0-5.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/24/2025	8082A
Q3461-03	SS-25(4.5-5.0)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/24/2025	8082A
Q3461-04	SS-25(5.0-5.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/24/2025	8082A
Q3465-01	SU-03-10242025	Solid	PCB	Cool 4 deg C	PSEG05	D31	10/24/2025	8082A
Q3466-02	B8-0.0-1.0-20251023	Solid	PCB	Cool 4 deg C	HDR108	D41	10/23/2025	8082A
Q3466-05	B9-0.0-1.0-20251023	Solid	PCB	Cool 4 deg C	HDR108	D41	10/23/2025	8082A
Q3466-07	B7-1.0-2.0-20251023	Solid	PCB	Cool 4 deg C	HDR108	D41	10/23/2025	8082A
Q3469-01	TP-13	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/25/2025	8082A
Q3472-04	COMP-1	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-06	COMP-2	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-08	COMP-3	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-10	COMP-4	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-12	COMP-5	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-14	155	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-16	142	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A
Q3472-18	137	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/27/2025	8082A

Date/Time 10/28/25 8:30
 Raw Sample Received by: R3 C-126-126
 Raw Sample Relinquished by: QJ8

Date/Time 10/28/25 9:00
 Raw Sample Received by: QJ8
 Raw Sample Relinquished by: R3 C-126-126

Prep Standard - Chemical Standard Summary

Order ID : Q3461

Test : PCB

Prepbatch ID : PB170282,

Sequence ID/Qc Batch ID: PO102825,pp102825,Pp102925,

Standard ID :

EP2610,EP2643,EP2655,PP24329,PP24330,PP24381,PP24663,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,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,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,

Chemical ID :

E3804,E3875,E3944,E3951,E3962,E3963,E3971,E3972,E3978,M6157,P11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,W3112,W3177,W3234,



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
314	1.1 H2SO4 SOLN	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025
<u>FROM</u>	1000.00000ml of M6157 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml							

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2643	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025
<u>FROM</u> 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml								



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2655	10/24/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/24/2025
<u>FROM</u> 4000.00000gram of E3875 = Final Quantity: 4000.000 gram								

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025
<u>FROM</u> 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml								

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel
								07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
84	Pest/PCB Surrogate Stock 20 PPM	PP24805	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13789 + 9.00000ml of E3962 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
213	AR1221 1000 PPB WORKING SOLUTION	PP24806	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13375 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
214	AR1232 1000 PPB WORKING SOLUTION	PP24807	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13879 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
215	AR1242 1000 PPB WORKING STD	PP24808	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13706 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
216	AR1248 1000 PPB WORKING STD	PP24809	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13695 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
217	AR1254 1000 PPB WORKING STD	PP24810	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P11592 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1529	AR1262 1000 PPB Working Solution	PP24811	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13881 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1532	AR1268 1000 PPB Working Solution	PP24812	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.10000ml of P13885 + 99.40000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP24814	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P12952 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
405	AR1660 1000/100 PPB ICV STD	PP24815	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 98.50000ml of E3962 + 0.50000ml of PP24805 + 1.00000ml of PP24814 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24816	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13373 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24817	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P12700 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24818	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13590 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24819	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13592 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
2193	AR1254 100 PPM STOCK SOLUTION	PP24820	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P13833 + 9.00000ml of E3963 = Final Quantity: 10.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3757	AR1262 1000 PPB Working Solution second source	PP24821	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P12703 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24822	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 1.00000ml of P11522 + 98.50000ml of E3962 + 0.50000ml of PP24805 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
203	AR1660 750 PPB STD	PP24823	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
204	AR1660 500 PPB STD	PP24824	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
205	AR1660 250 PPB STD	PP24825	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
206	AR1660 50 PPB STD	PP24826	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24824 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1079	AR1221 750 PPB STD	PP24827	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24806 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
222	AR1221 500 PPB STD	PP24828	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24806 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1080	AR1221 250 PPB STD	PP24829	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24806 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1081	AR1221 50 PPB STD	PP24830	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24828 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1063	AR1232 750 PPB STD	PP24831	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24807 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
223	AR1232 500 PPB STD	PP24832	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24807 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1064	AR1232 250 PPB STD	PP24833	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24807 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1065	AR1232 50 PPB STD	PP24834	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24832 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1067	AR1242 750 PPB STD	PP24835	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24808 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
224	AR1242 500 PPB STD	PP24836	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24808 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1068	AR1242 250 PPB STD	PP24837	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24808 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1069	AR1242 50 PPB STD	PP24838	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24836 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1075	AR1248 750 PPB STD	PP24839	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24809 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
225	AR1248 500 PPB STD	PP24840	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24809 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1076	AR1248 250 PPB STD	PP24841	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24809 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1077	AR1248 50 PPB STD	PP24842	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24840 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1071	AR1254 750 PPB STD	PP24843	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24810 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
226	AR1254 500 PPB STD	PP24844	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24810 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1072	AR1254 250 PPB STD	PP24845	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24810 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1073	AR1254 50 PPB STD	PP24846	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24844 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3753	AR1262 750 PPB STD	PP24847	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24811 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1530	AR1262 500 PPB STD	PP24848	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24811 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3754	AR1262 250 PPB STD	PP24849	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24811 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3755	AR1262 50 PPB STD	PP24850	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24848 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3820	AR1268 750 PPB STD	PP24851	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.25000ml of W3234 + 0.75000ml of PP24812 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1533	AR1268 500 PPB STD	PP24852	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24812 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3821	AR1268 250 PPB STD	PP24853	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.75000ml of W3234 + 0.25000ml of PP24812 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3822	AR1268 50 PPB STD	PP24854	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.90000ml of W3234 + 0.10000ml of PP24852 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
406	AR1660 500 PPB ICV	PP24855	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24815 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3790	AR1221 500 PPB ICV(AGILENT)	PP24856	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24816 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1888	AR1232 500 PPB ICV	PP24857	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24817 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1891	AR1242 500 PPB ICV	PP24858	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24818 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1892	AR1248 500 PPB ICV	PP24859	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24819 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1894	AR1254 500 PPB ICV	PP24860	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3758	AR1262 500 PPB STD ICV	PP24861	08/18/2025	02/18/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24821 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3823	AR1268 500 PPB STD ICV	PP24862	08/18/2025	02/15/2026	Yogesh Patel	None	None	Abdul Mirza
								08/19/2025

FROM 0.50000ml of W3234 + 0.50000ml of PP24822 = Final Quantity: 1.000 ml



<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24930	09/18/2025	03/18/2026	Abdul Mirza	None	None	Yogesh Patel 09/19/2025
<u>FROM</u> 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml								

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/13/2026	10/13/2025 / RUPESH	10/08/2025 / Riteshkumar	E3978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	91867 / Aroclor 1232 100 ug/mL	020823	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	03/18/2026	09/18/2025 / Abdul	12/20/2023 / Yogesh	P12953

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	a0217391	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / lwona	07/03/2024 / lwona	W3112

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	07/28/2025 / jignesh	07/25/2025 / jignesh	W3234

Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titration Acid (μeq/g)	≤ 0.3	0.1
Titration Base (μeq/g)	≤ 0.5	0.1
Water (H ₂ O)	≤ 0.5 %	0.1 %
Solubility in H ₂ O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities – Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

 **avantor™**



Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result
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For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC



Michelle Bales
Sr. Manager, Quality Assurance



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3944

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above. This document has been electronically produced and is valid without a signature. Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	Analysis may have been rounded to significant digits in specification limits Product meets analytical specifications of the grades listed.

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 7/30/25

E3962

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone.
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03
Batch No.: 24H2762008
Manufactured Date: 2024-04-18
Expiration Date: 2027-04-18
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

Received on 8/6/25

E 3963

J. Croak

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials, LLC

100 Matsonford Rd, Suite 200, Radnor, PA, 19087, U.S.A. Phone 610.386.1700

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3971

Jamie Croak
Director Quality Operations, Bioscience Production

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3972

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantorsTM**



Material No.: 9262-03

Batch No.: 25C0362006

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	4
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5\%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95\%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.2 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05\%$	$< 0.01\%$

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

E 3978



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™



M6157
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H ₂ SO ₄)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO ₂)	<= 2 ppm	<2 ppm
Ammonium (NH ₄)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO ₃)	<= 0.2 ppm	0.1 ppm
Phosphate (PO ₄)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC

Sulfuric Acid

BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis

Low Selenium

 **avantors**™



Material No.: 9673-33

Batch No.: 2411262013

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	< 5.0 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 1.0 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	1.1 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	< 1.0 ppb

For Laboratory, Research, or Manufacturing Use

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak

Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



Certificate of Analysis

P11518
↓
P11522
AJ
02/21/22

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1

Lot Issue Date: 09-Feb-2021

Lot Number: 0006587800

Expiration Date: 31-Mar-2029

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

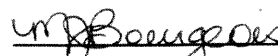
Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:


Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1

www.agilent.com/quality/
CSD-QA-015.1



ISO 17025 Cert
No. AT-1937



CERTIFIED REFERENCE MATERIAL

110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

Certificate of Analysis



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 Lot No.: A0175403
Description : Aroclor® 1254 Standard
Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : November 30, 2027 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	Grav. Conc. (weight/volume)	Expanded Uncertainty (95% C.L.; K=2)
1	Aroclor 1254 CAS # 11097-69-1 (Lot 124-191-B) Purity ----%	1,000.7 µg/mL	+/- 5.9437 µg/mL Gravimetric +/- 31.7284 µg/mL Unstressed +/- 41.4406 µg/mL Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588
↓
P11592 / (S)

AR
04/30/2022

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

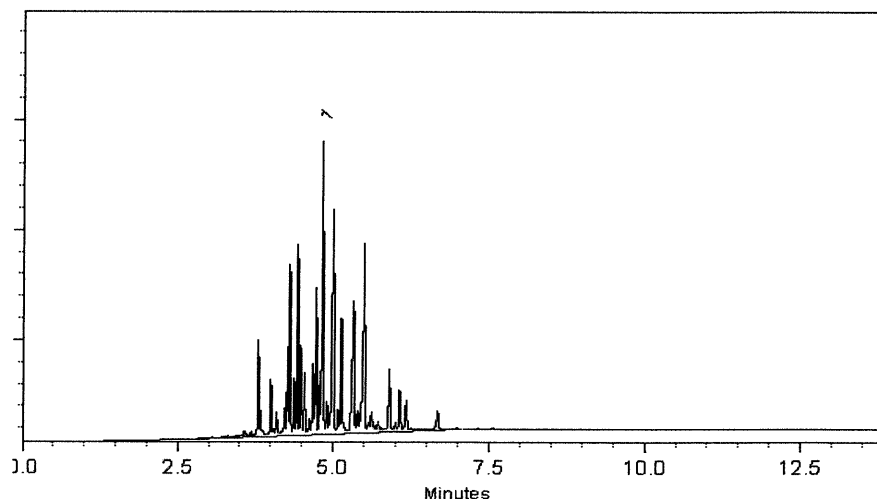
250°C

Det. Temp:

300°C

Det. Type:

ECD



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Cathleen Soltis

Cathleen Soltis - Mix Technician

Date Mixed: 15-Aug-2021

Balance: 1128360905

Alexis Shelow

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P11588
↓
P11592 / (5)

AR
04/30/22



CERTIFIED WEIGHT REPORT

Part Number: 91867
Lot Number: 020823
Description: WP 037 - Aroclor 1232
 PCB Technical Mixture
Expiration Date: 020833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB

Solvent:
 Aceton

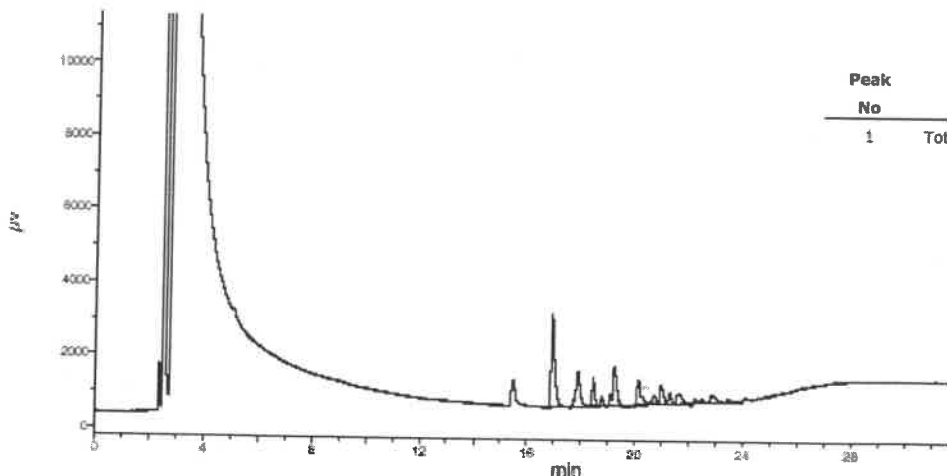
Weight(s) shown below were combined and diluted to (mL): 100.0
 5E-05 Balance Uncertainty
 0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g)
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier
 Column ID SPB-608 30 meter X 0.53mm X 5µm film thickness
 Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
 Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
 Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
 Rate = 8°C/min, Total run time = 35 min
 Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
 Standard injection = 1.5µL, Range=3





CERTIFIED WEIGHT REPORT

Part Number: X9166
Lot Number: 060523
Description: Aroclor 1262

Solvent(s):
Methanol

Appendix IX Compound

Expiration Date: 060533

Recommended Storage: Ambient (20 °C)

Nominal Concentration (µg/mL): 100

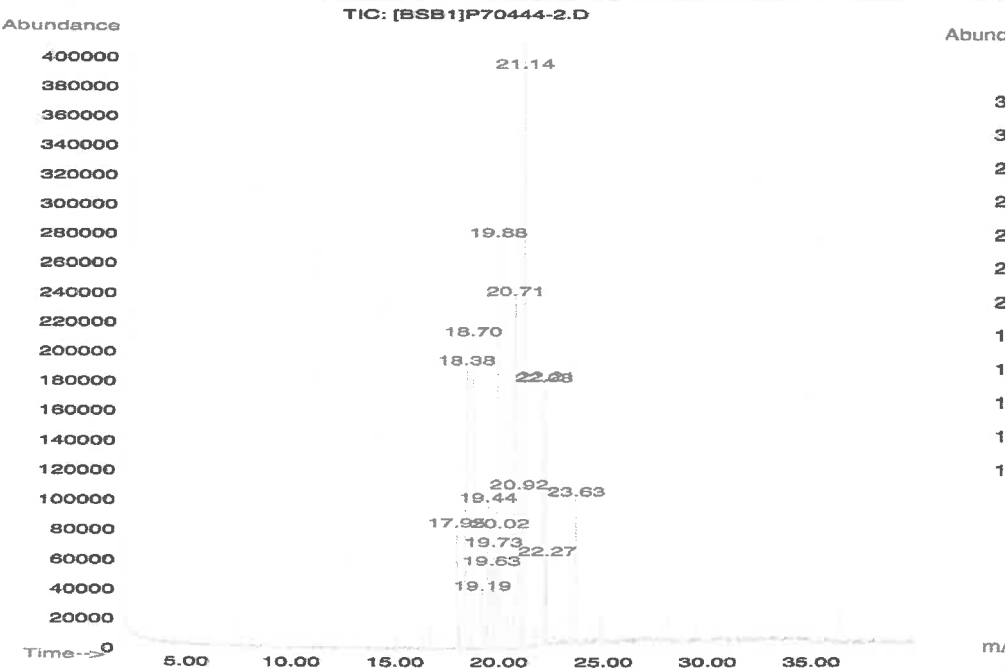
NIST Test ID#: 6UTB

5E-05 Balance Uncertainty

Volume(s) shown below were combined and diluted to (mL): 20.0 0.002 Flask Uncertainty

Compound	Part Number	Lot Number	Dil. Factor	Initial Vol. (mL)	Uncertainty Pipette (mL)	Co
1. Aroclor 1262	70444	080322	0.10	2.00	0.017	

Method GC7MSD-7.M: Column:(30m X 0.25mm ID X 0.25µm film thickn min.), Rate = 8°C/min., Injector B= 200°C, Detector B = 290°C.



- The certified value is the concentration calculated from gravimetric and volumetric me
- Standards are prepared gravimetrically using balances that are calibrated with weight
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appro
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).



Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20064

Solvent(s):
Hexane

Lot#
273615

Lot Number:
022023

Formulated By:
Benson Chan

DATE
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Reviewed By:
Pedro L. Rentas

DATE
022023

Expiration Date:
022033

Expanded
Uncertainty
(+/-) (µg/mL)

4.0

Recommended Storage:
Ambient (20 °C)

Actual
Conc (µg/mL)

1002.8

Nominal Concentration (µg/mL):
1000

OSHA PEL (TWA)

LD50

NIST Test ID#:
6UTB

Actual
Weight(g)

0.20060

Weight(s) shown below were combined and diluted to (mL):
200.0

Conc (µg/mL)

1000

5E-05 Balance Uncertainty
0.010 Flask Uncertainty

Purity (%)

100

SDS Information
(Solvent Safety Info. On Attached pg.)

0.20004

Target
Weight(g)

0.20004

Actual
Weight(g)

0.20081

Conc (µg/mL)

1003.9

Actual
Conc (µg/mL)

1002.8

OSHA PEL (TWA)

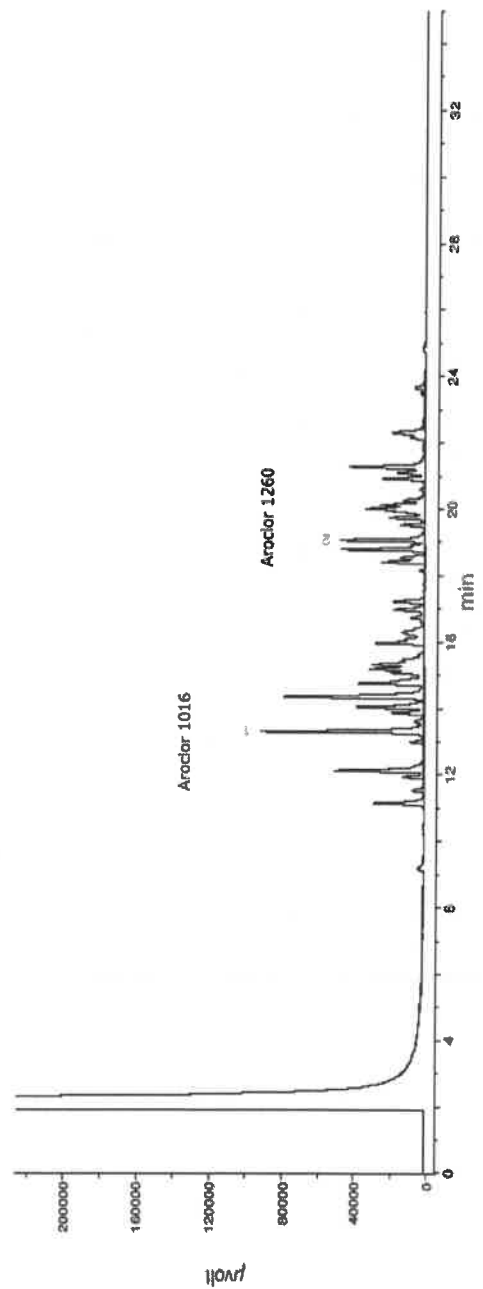
LD50

PR2946 7/18
↓
12/20/23
P12955

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Expanded Uncertainty (+/-) (µg/mL)	Actual Conc (µg/mL)	Actual Weight(g)	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	1002.8	0.20060	12674-11-2	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	1003.9	0.20081	11086-82-5	0.5mg/m3 orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





Certified Reference Material CRM

CERTIFIED WEIGHT REPORT

Part Number:
20064

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#:
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE:
022023

DATE:
022023

Weight(s) shown below were combined and diluted to (mL.):
200.0

Balance Uncertainty:
0.010

Flask Uncertainty:
0.010

Part Number:
20064

Lot Number:
022023

Description:
CLP PCB'S - Aroclor Mix
Aroclors 1016 & 1260

Expiration Date:
022033

Recommended Storage:
Ambient (20 °C)

Nominal Concentration (µg/mL):
1000

NIST Test ID#:
6UTB

Solvent(s):
Hexane

Lot#:
273615

Formulated By:
Benson Chan

Reviewed By:
Pedro L. Rentas

DATE:
022023

DATE:
022023

Weight(s) shown below were combined and diluted to (mL.):
200.0

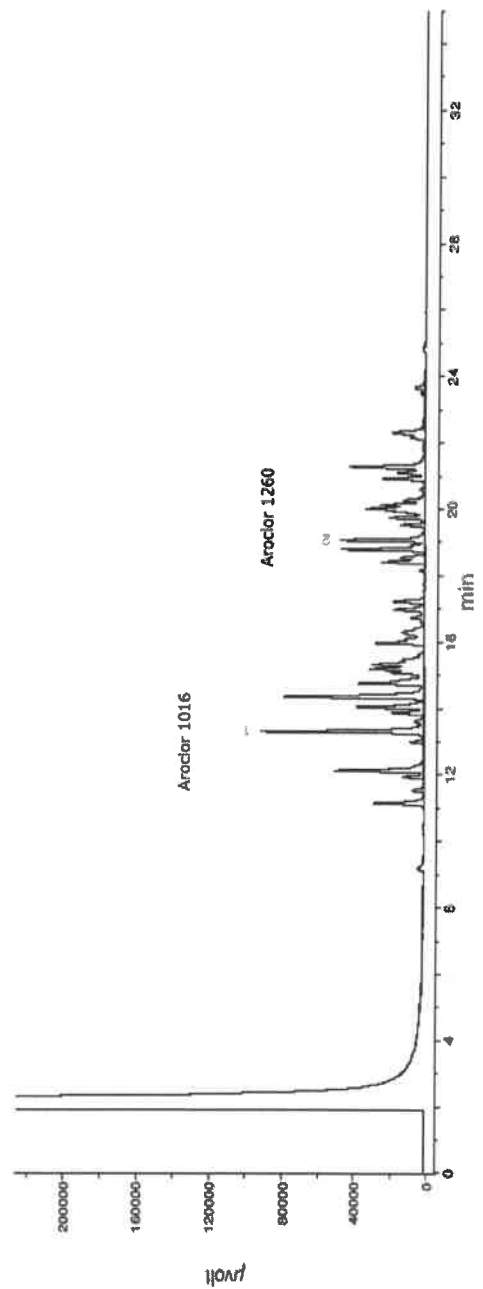
Balance Uncertainty:
0.010

Flask Uncertainty:
0.010

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Purity Uncertainty	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	CAS#	OSHA PEL (TWA)	LD50
1. Aroclor 1016	15	020491JC	1000	100	0.2	0.20004	0.20060	1002.8	4.0	12674-11-2	N/A	N/A
2. Aroclor 1260	21	020491JC	1000	100	0.2	0.20004	0.20081	1003.9	4.0	11086-82-5	0.5mg/m3	orl-rat 1315mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stortier
Column ID SPB-608 30 meter X 0.53mm X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 280°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C, FID Signal = Etdaq Channel 1
Standard Injection = 1.5µL, Range=3





CERTIFIED WEIGHT REPORT

Part Number: 99139
Lot Number: 121823
Description: Aroclor 1254

Expiration Date: 121833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB

Volume(s) shown below were combined and diluted to (mL): 20.0
Note: Aroclor 1254 is a mix of isomers.

Solvent(s): Iso-octane
Lot#: 82227

Formulated By: Anthony Mahoney	121823	DATE
Reviewed By: Pedro L. Rentas	121823	DATE

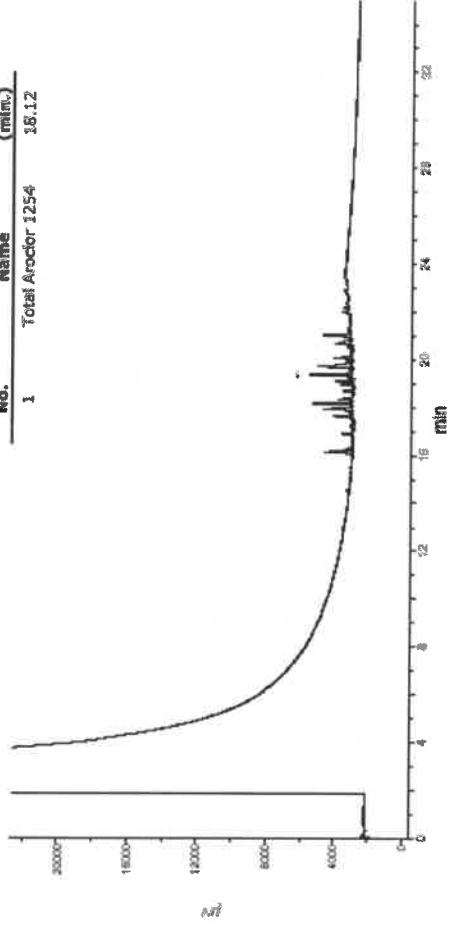
P12956 / Y.P.
12/18/23
P12957

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Initial Uncertainty	Pipette (mL)	Conc. (µg/mL)	Initial Conc. (µg/mL)	Final Conc. (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information		
											(Solvent Safety Info. On Attached pg.)	CAS#	OSHA PEL (TWA) LD50
1. Aroclor 1254	79100	121823	0.10	2.00	0.017	0.017	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)		or-rat 1295mg/kg

* The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
* Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
* Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
* All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
* Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm X 5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150 °C (Time 1 = 4 min), Temp 2 = 280 °C (Time 2 = 13.5 min)
Rate = 8 °C/min, Total run time = 35 min
Injector temp. = 200 °C, FID Temp. = 300 °C, FID Signal = Etdaq Channel 1
Standard injection = 1.5µL, Range=3

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12





110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
↓
P13357
10
BAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

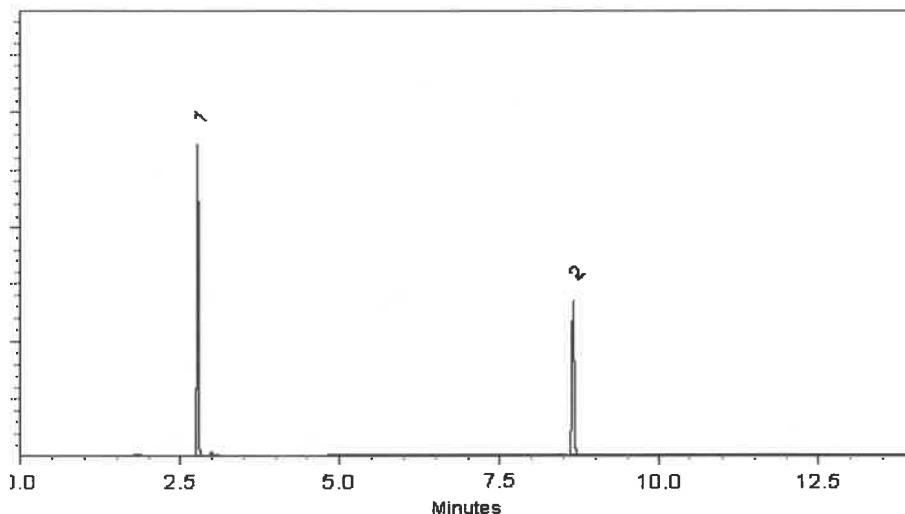
ECD

Split Vent:

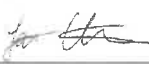
10 ml/min.

Inj. Vol

1µl

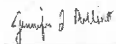


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

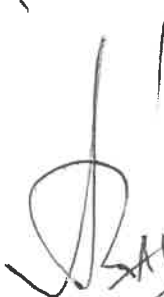
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13348
↓
P 13357
10


SAUF
04/25/2025



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0207511

Description : Aroclor® 1221 Standard

Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1221	11104-28-2	13192500	----%	1,002.7 µg/mL	+/- 55.6424

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P 13374
↓
P 13375
/

05/6/2024

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

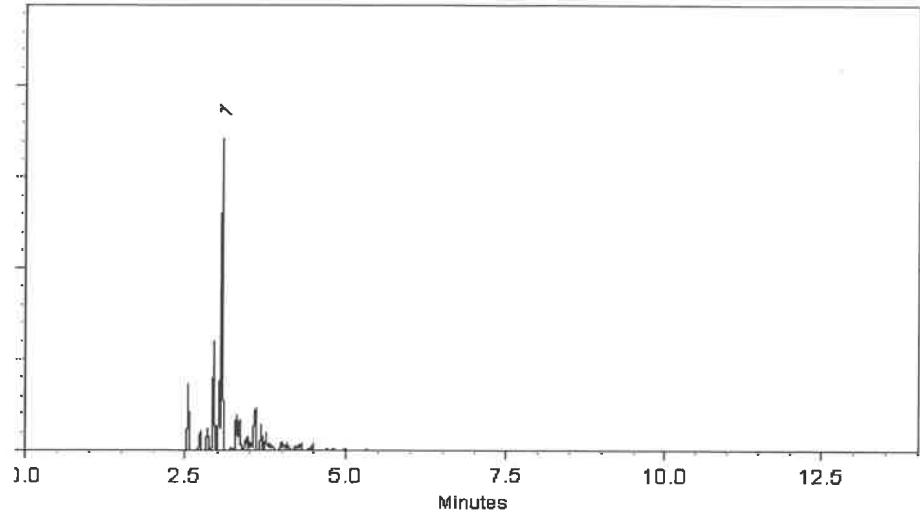
ECD

Split Vent:

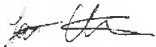
10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 06-Feb-2024

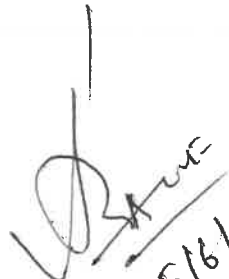
Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

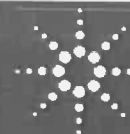
Date Passed: 08-Feb-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

P 13374 } ②
↓
P 13375 }


05/6/2024

ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
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P13590AJ
10/14/24

ISO 17034



Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 95T215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1



ISO 17025
Cert No. AT-

Reference Material Certificate
Product Information Sheet

Product Name: Aroclor 1248 Standard

Lot Number: 0006726317

Product Number: PP-342-1

Lot Issue Date: 27-Jan-2023

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 28-Feb-2031

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3 ±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
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P13592

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Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:

Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO
9001:2015 Quality Management System. Cert# 951215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1

ISO 17025



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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32010 **Lot No.:** A0214733
Description : Aroclor® 1248 Standard
Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : November 30, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

P13695 } Y.P.
P13696 } 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1248	12672-29-6	15242800	----%	1,005.0 µg/mL	+/- 55.7700

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

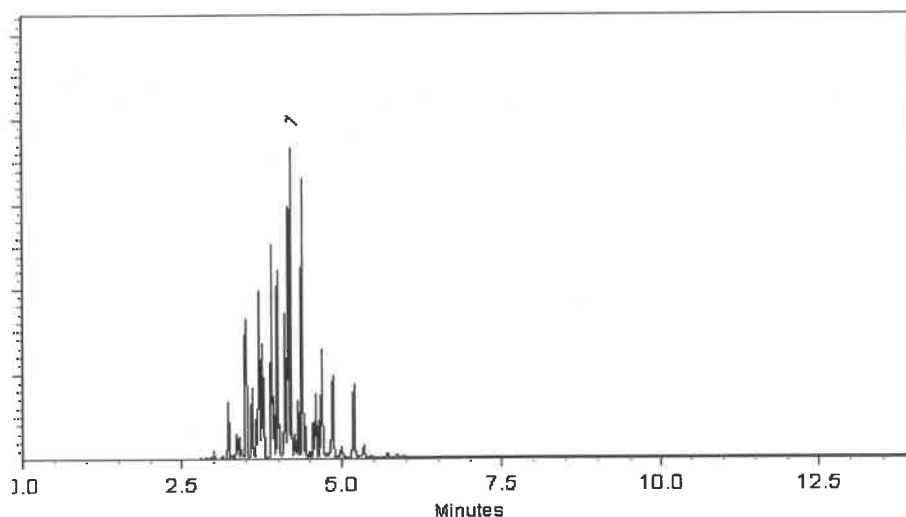
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Rebecca Gingerich - Operations Tech II

Date Mixed: 02-Aug-2024

Balance Serial # C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 13-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32039 **Lot No.:** A0210629

Description : Aroclor® 1016/1260 Mix
Aroclor® 1016/1260 Mix 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13697
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P13701 } Y.P.
10/19/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1016	12674-11-2	07	----%	1,005.3 µg/mL	+/- 55.7809
2	Aroclor 1260	11096-82-5	1320657	----%	1,000.0 µg/mL	+/- 55.4850

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

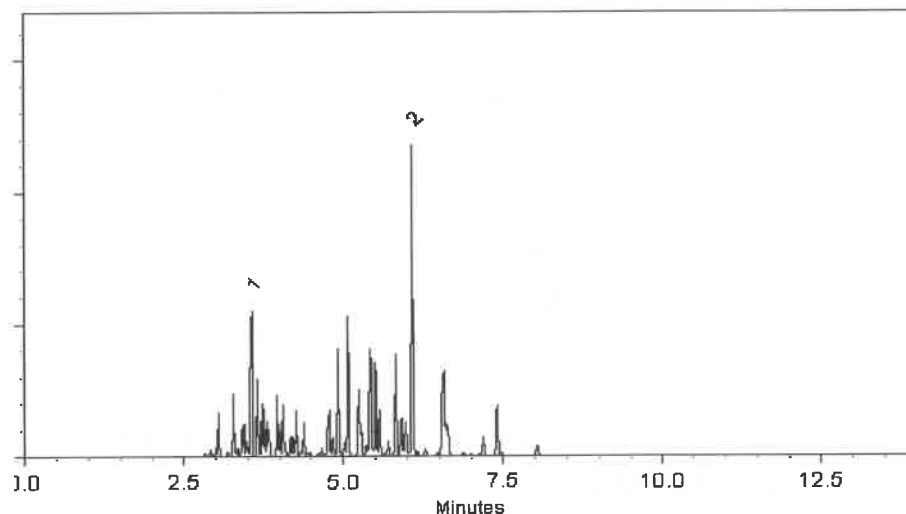
ECD

Split Vent:

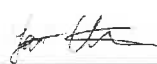
10 ml/min.

Inj. Vol

0.2µl

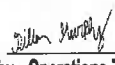


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 22-Apr-2024

Balance Serial # B442140311


Dillan Murphy - Operations Technician I

Date Passed: 24-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 **Lot No.:** A0210232
Description : Aroclor® 1242 Standard
Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : July 31, 2030 **Storage:** 25°C nominal
Handling: This product contains PCBs. **Ship:** Ambient

P13706 } y.p.
P13707 } 10/17/24

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1242	53469-21-9	01141	----%	1,000.7 µg/mL	+/- 55.5295

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

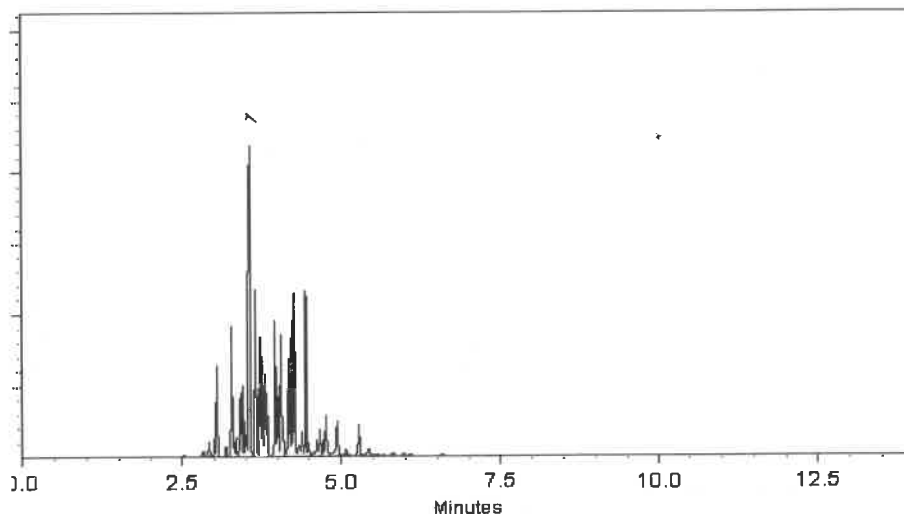
ECD

Split Vent:

10 ml/min.

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Amanda Miller - Operations Tech III - ARM QC

Date Mixed: 11-Apr-2024

Balance Serial # B442140311


Christie Mills - Operations Lead Tech - ARM QC

Date Passed: 17-Apr-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



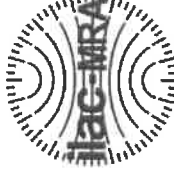
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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

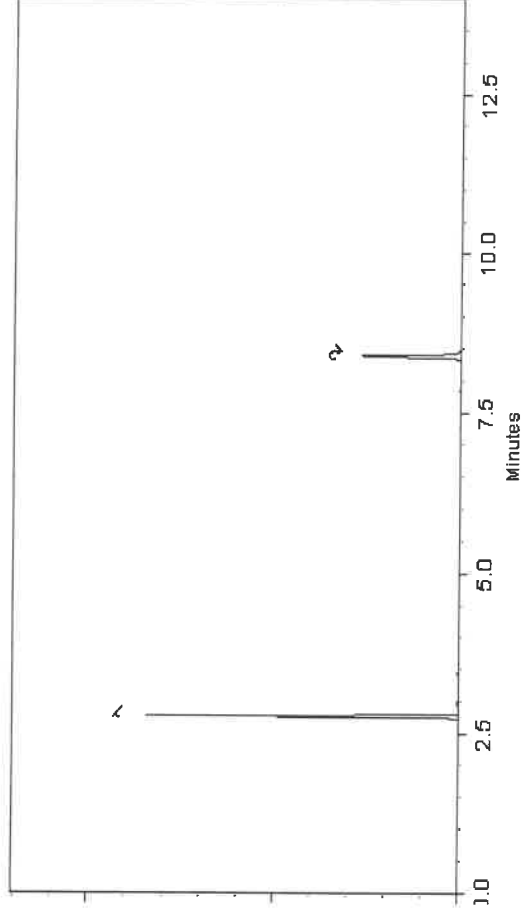
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



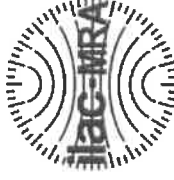
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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0214495

Description : Pesticide Surrogate Mix

Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P19785
AJ
11/19/24
P19789

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.2 µg/mL	+/- 11.1087
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30679	99%	201.4 µg/mL	+/- 11.1753

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:
30m x 25mm x 2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

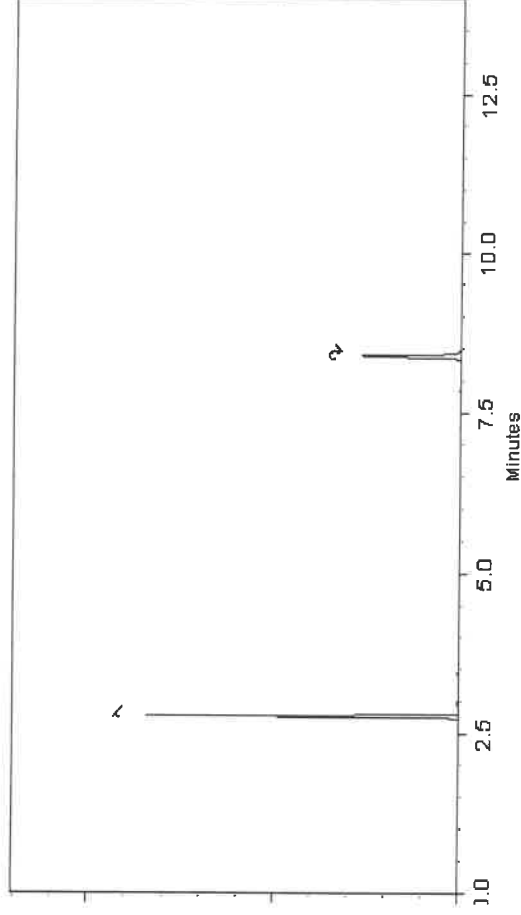
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
10 ml/min.

Inj. Vol
1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A. O. P.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32011 **Lot No.:** A0217391

Description : Aroclor® 1254 Standard

Aroclor® 1254 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : January 31, 2031 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1254	11097-69-1	124-191-B	----%	1,004.7 µg/mL	+/- 55.7515

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13830
↓
P13832
↓
P13834
AJ
12/09/24

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

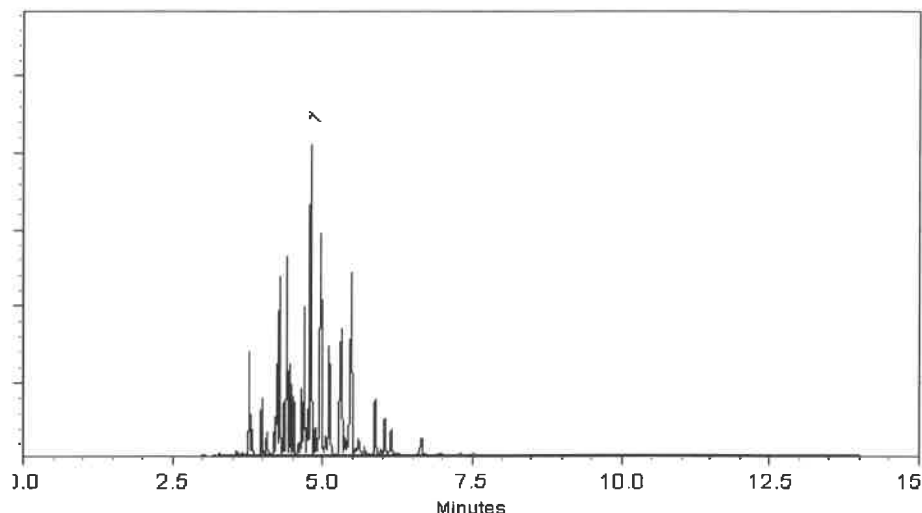
ECD

Split Vent:

300 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32008 **Lot No.:** A0219655

Description : Aroclor® 1232 Standard

Container Size : 2 mL

Expiration Date : March 31, 2031

Handling: This product contains PCBs.

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Pkg Amt: > 1 mL

Storage: 25°C nominal

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1232	11141-16-5	15665-01	---%	1,007.0 µg/mL	+/- 55.8810

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13878
↓
P13880

AJ
01/28/25

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

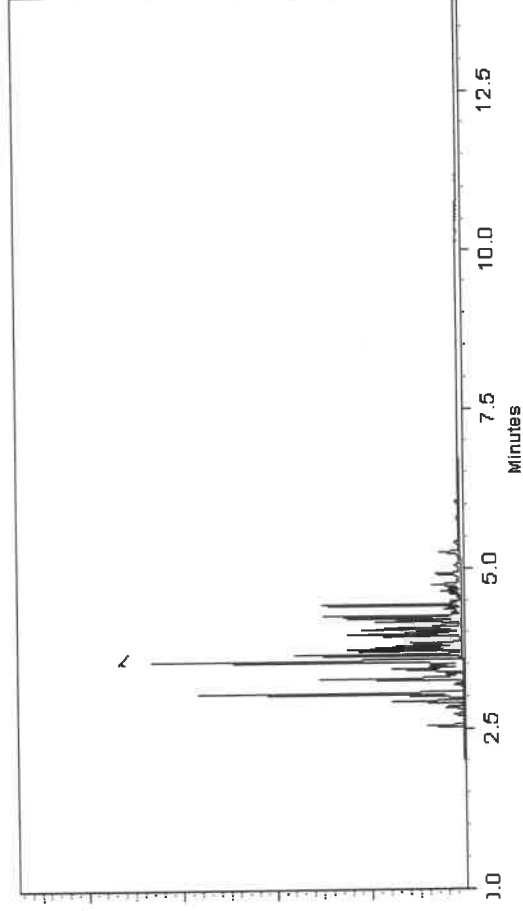
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial #

C322230531

Brittany Federhik

Brittany Federhiko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0217041

Description : Aroclor® 1262 Standard

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : December 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1262	37324-23-5	10849100	----%	1,000.0 µg/mL	+/- 55.4925

Solvent: Hexane
CAS # 110-54-3
Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13881
AJ
01128125

Quality Confirmation Test

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:
helium-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

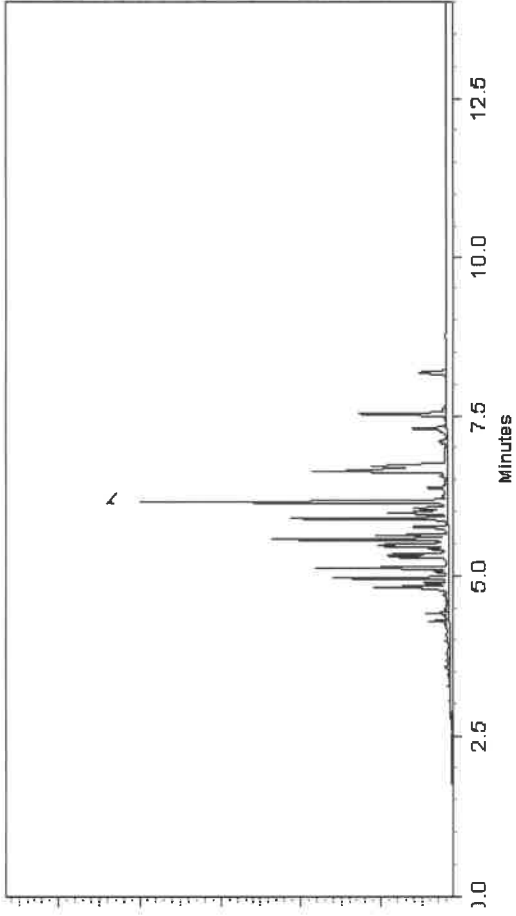
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
300 ml/min.

Inj. Vol
0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Rebecca Gingerich - Operations Tech II


Jennifer Pollino - Operations Tech III - ARM QC

Date Mixed: 25-Sep-2024 Balance Serial # C322230531

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397



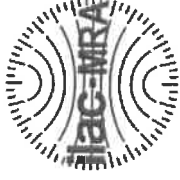
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410

Lot No.: A0217264

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

Container Size : 2 mL

Pkg Amt: > 1 mL

Expiration Date : January 31, 2031

Storage: 25°C nominal

Handling:

This product contains PCBs.

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Aroclor 1268	11100-14-4	12353400	----%	1,009.8 µg/mL	+/- 56.0364

Solvent: Hexane

CAS # 110-54-3

Purity 99%

* Expanded Uncertainty displayed in same units as Grav. Conc.

P13884

+

AJ
01/28/25

P13886

Quality Confirmation Test

Column:

30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

200°C to 300°C
@ 25°C/min. (hold 10 min.)

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

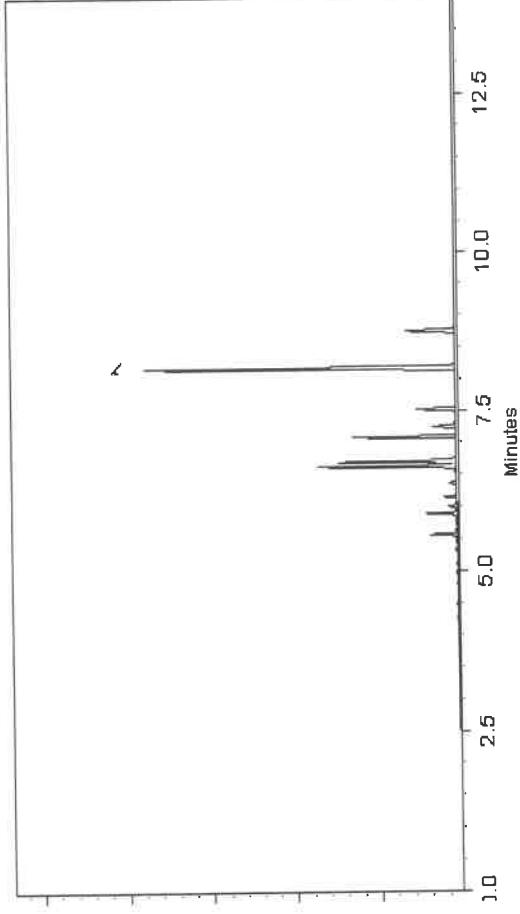
ECD

Split Vent:

Split ratio 500:1

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Stacey Wanner - Operations Technician I

Date Mixed: 01-Oct-2024 Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	3
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	≤ 10	1
ECD-Sensitive Impurities (as Ethylene Dibromide) - Single Impurity Peak (ng/mL)	≤ 5	1
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	< 0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

 **avantor**™



Material No.: 9262-03

Batch No.: 25C0362005

Manufactured Date: 2025-01-29

Expiration Date: 2026-04-30

Revision No.: 0

W3234 88
07/28/2025
07/28/2025

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	<= 0.05 %	<0.01 %

For Laboratory, Research, or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC



Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Avantor Performance Materials LLC



SHIPPING DOCUMENTS

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: Matrix New World Eng.
ADDRESS: 26 Columbia Tpke
CITY: Florham Park STATE: NJ ZIP: 07932
ATTENTION: Chris Pittarese
PHONE: 9732401800 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: PSEG Athenia Substation
PROJECT NO.: 24-0935 LOCATION: Clifton
PROJECT MANAGER: Chris Pittarese
e-mail: cpittarese@mne.com
PHONE: 9732401800 FAX:

CLIENT BILLING INFORMATION

BILL TO: SAME AS CLIENT PO#: INFO
ADDRESS:
CITY STATE ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) 24-HR-TAT DAYS*
HARDCOPY (DATA PACKAGE): DAYS*
EDD: DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

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

PCBS

1	2	3	4	5	6	7	8	9
---	---	---	---	---	---	---	---	---

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl B-HNO3 C-H2SO4 D-NaOH E-ICE F-OTHER
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	
1.	SS-9R(4.5-5.0)	Soil		X	10/24/25	1025	1	X									
2.	SS-9R(5.0-5.5)	Soil		X	10/24/25	1020	1	H									
3.	SS-25(4.5-5.0)	Soil		X	10/24/25	1235	1	H									
4.	SS-25(5.0-5.5)	Soil		X	10/24/25	1255	1	H									
5.																	
6.																	
7.																	
8.																	
9.																	
10.																	

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

RELINQUISHED BY SAMPLER: 1. <u>Erika Amula</u>	DATE/TIME: <u>10/24/25</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☒ COOLER TEMP <u>2.9°C</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>	Comments: <u>X: RUN ; H: HOLD</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>10.24.2025</u>	RECEIVED BY: 3. <u>[Signature]</u>	

Page 1 of 1 CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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