284 Sheffield Street, Mountainside NJ 07092 Tel. 908-789-8900 Fax: 908-789-8922

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following " Results Qualifiers" are used:

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

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LAB CHRONICLE

OrderID:	Q3790	**OrderDate:**	12/5/2025 10:01:00 AM
Client:	Tully Construction Co., Inc.	**Project:**	MTA 26 Stations - Pierrepont
Contact:	Dean Devoe	**Location:**	D31,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3790-01	**304 FURMAN SOIL**	**SOIL**			**12/05/25**			**12/05/25**
			PCB	8082A		12/08/25	12/08/25	

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Hit Summary Sheet
SW-846

SDG No.: Q3790 **Order ID:** Q3790

Client: Tully Construction Co., Inc. **Project ID:** MTA 26 Stations - Pierrepont

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units

Client ID :

Total Concentration: **0.000**

QC SUMMARY

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Surrogate Summary

SDG No.: Q3790

Client: Tully Construction Co., Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP076598.D	PIBLK-PP076598.D	Tetrachloro-m-xyl	1	20	22.0	110		60	140
		Decachlorobiphen	1	20	23.3	117		60	140
		Tetrachloro-m-xyl	2	20	21.3	106		60	140
		Decachlorobiphen	2	20	22.1	110		60	140
I.BLK-PP076857.D	PIBLK-PP076857.D	Tetrachloro-m-xyl	1	20	18.9	94		60	140
		Decachlorobiphen	1	20	18.4	92		60	140
		Tetrachloro-m-xyl	2	20	17.2	86		60	140
		Decachlorobiphen	2	20	15.9	80		60	140
PB170862BL	PB170862BL	Tetrachloro-m-xyl	1	20	23.0	115		21	165
		Decachlorobiphen	1	20	22.3	111		10	170
		Tetrachloro-m-xyl	2	20	22.2	111		21	165
		Decachlorobiphen	2	20	20.2	101		10	170
PB170862BS	PB170862BS	Tetrachloro-m-xyl	1	20	23.8	119		21	165
		Decachlorobiphen	1	20	22.6	113		10	170
		Tetrachloro-m-xyl	2	20	21.4	107		21	165
		Decachlorobiphen	2	20	20.2	101		10	170
Q3790-01	304 FURMAN SOIL	Tetrachloro-m-xyl	1	20	21.4	107		21	165
		Decachlorobiphen	1	20	14.1	70		10	170
		Tetrachloro-m-xyl	2	20	19.1	96		21	165
		Decachlorobiphen	2	20	12.4	62		10	170
Q3790-01MS	304 FURMAN SOILMS	Tetrachloro-m-xyl	1	20	18.9	94		21	165
		Decachlorobiphen	1	20	14.2	71		10	170
		Tetrachloro-m-xyl	2	20	16.3	82		21	165
		Decachlorobiphen	2	20	12.4	62		10	170
Q3790-01MSD	304 FURMAN SOILMSD	Tetrachloro-m-xyl	1	20	20.2	101		21	165
		Decachlorobiphen	1	20	14.8	74		10	170
		Tetrachloro-m-xyl	2	20	17.7	88		21	165
		Decachlorobiphen	2	20	13.1	65		10	170
I.BLK-PP076872.D	PIBLK-PP076872.D	Tetrachloro-m-xyl	1	20	17.9	89		60	140
		Decachlorobiphen	1	20	17.9	90		60	140
		Tetrachloro-m-xyl	2	20	16.8	84		60	140
		Decachlorobiphen	2	20	16.0	80		60	140

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3790 **Analytical Method:** 8082A

Client: Tully Construction Co., Inc. **DataFile :** PP076861.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3790-01MS (Column 1)**	**Client Sample ID:**		**304 FURMAN SOILMS**								
	AR1016	192.7	0	152	ug/kg	79				39	159	
	AR1260	192.7	0	130	ug/kg	67				19	160	
Lab Sample ID:	**Q3790-01MS (Column 2)**	**Client Sample ID:**		**304 FURMAN SOILMS**								
	AR1016	192.7	0	132	ug/kg	69				39	159	
	AR1260	192.7	0	123	ug/kg	64				19	160	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3790 **Analytical Method:** 8082A

Client: Tully Construction Co., Inc. **DataFile :** PP076862.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3790-01MSD (Column 1)**	**Client Sample ID:**		**304 FURMAN SOILMSD**								
	AR1016	192.9	0	160	ug/kg	83		5		39	159	21
	AR1260	192.9	0	137	ug/kg	71		6		19	160	15
Lab Sample ID:	**Q3790-01MSD (Column 2)**	**Client Sample ID:**		**304 FURMAN SOILMSD**								
	AR1016	192.9	0	142	ug/kg	74		7		39	159	21
	AR1260	192.9	0	131	ug/kg	68		6		19	160	15

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3790 **Analytical Method:** 8082A

Client: Tully Construction Co., Inc. **Datafile :** PP076859.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170862BS (Column 1)	AR1016	166.5	149	ug/kg	89				71	120	
	AR1260	166.5	135	ug/kg	81				65	130	
PB170862BS (Column 2)	AR1016	166.5	144	ug/kg	86				71	120	
	AR1260	166.5	140	ug/kg	84				65	130	

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4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170862BL

Lab Name: Alliance | Contract: TULL02

Lab Code: ACE | SDG NO.: Q3790

Lab Sample ID: PB170862BL | Lab File ID: PP076858.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 12/08/2025

Date Analyzed (1): 12/08/2025 | Date Analyzed (2): 12/08/2025

Time Analyzed (1): 14:36 | Time Analyzed (2): 14:36

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
PB170862BS	PB170862BS	PP076859.D	12/08/2025	12/08/2025
304 FURMAN SOIL	Q3790-01	PP076860.D	12/08/2025	12/08/2025
304 FURMAN SOILMS	Q3790-01MS	PP076861.D	12/08/2025	12/08/2025
304 FURMAN SOILMSD	Q3790-01MSD	PP076862.D	12/08/2025	12/08/2025

COMMENTS:

SAMPLE DATA

Raw Data: **PP076860.D**

Alliance TECHNICAL GROUP
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Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOIL	SDG No.:	Q3790
Lab Sample ID:	Q3790-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.0046	U	1	0.0046	0.020	mg/Kg	12/08/25 15:09	PB170862
11104-28-2	Aroclor-1221	0.0047	U	1	0.0047	0.020	mg/Kg	12/08/25 15:09	PB170862
11141-16-5	Aroclor-1232	0.0043	U	1	0.0043	0.020	mg/Kg	12/08/25 15:09	PB170862
53469-21-9	Aroclor-1242	0.0046	U	1	0.0046	0.020	mg/Kg	12/08/25 15:09	PB170862
12672-29-6	Aroclor-1248	0.0068	U	1	0.0068	0.020	mg/Kg	12/08/25 15:09	PB170862
11097-69-1	Aroclor-1254	0.0037	U	1	0.0037	0.020	mg/Kg	12/08/25 15:09	PB170862
37324-23-5	Aroclor-1262	0.0058	U	1	0.0058	0.020	mg/Kg	12/08/25 15:09	PB170862
11100-14-4	Aroclor-1268	0.0042	U	1	0.0042	0.020	mg/Kg	12/08/25 15:09	PB170862
11096-82-5	Aroclor-1260	0.0037	U	1	0.0037	0.020	mg/Kg	12/08/25 15:09	PB170862
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.4			21 - 165	107%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.1			10 - 170	70%	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

Sample Results: **PP076860.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 15:09
Operator : YP\AJ
Sample : Q3790-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.769	39215442	39888509	21.365	19.150
2)	SA Decachlor...	10.364	8.761	21097559	21809986	14.077	12.360
	Target Compounds						

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

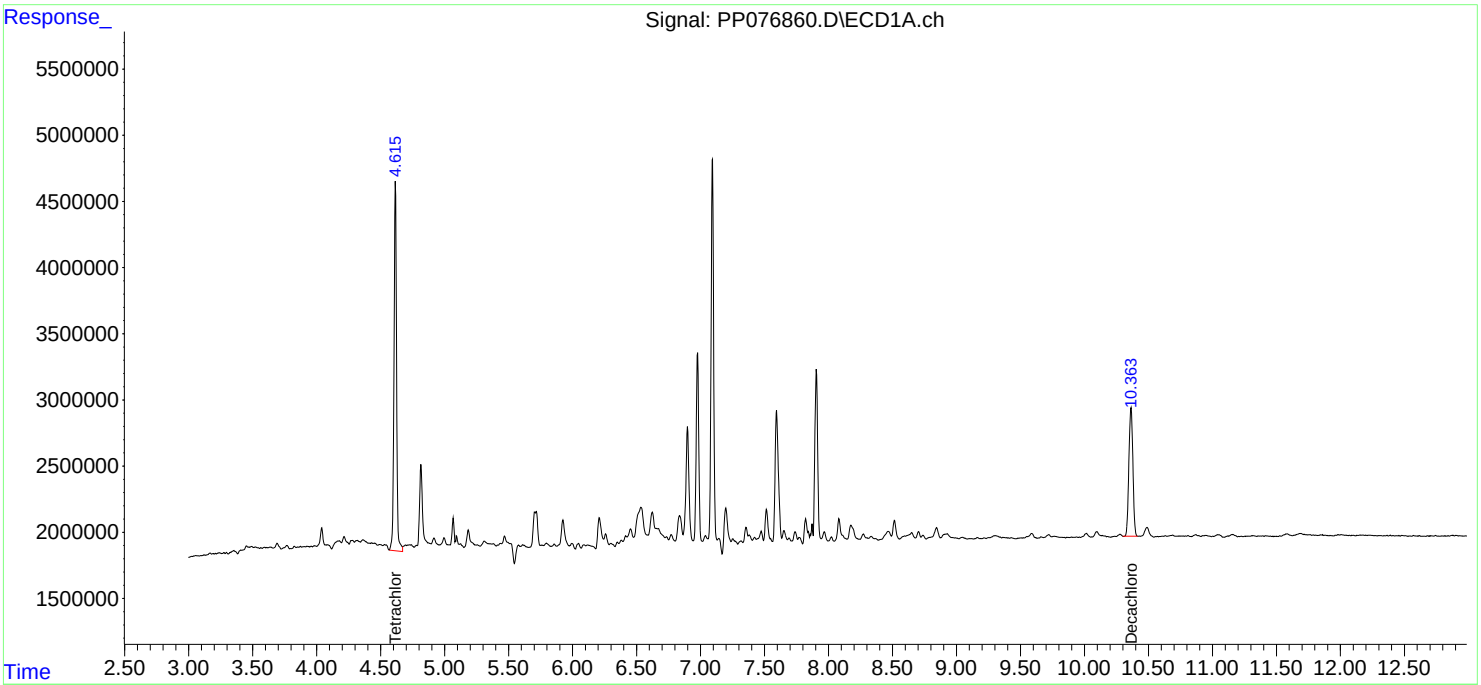
Sample Results: **PP076860.D**

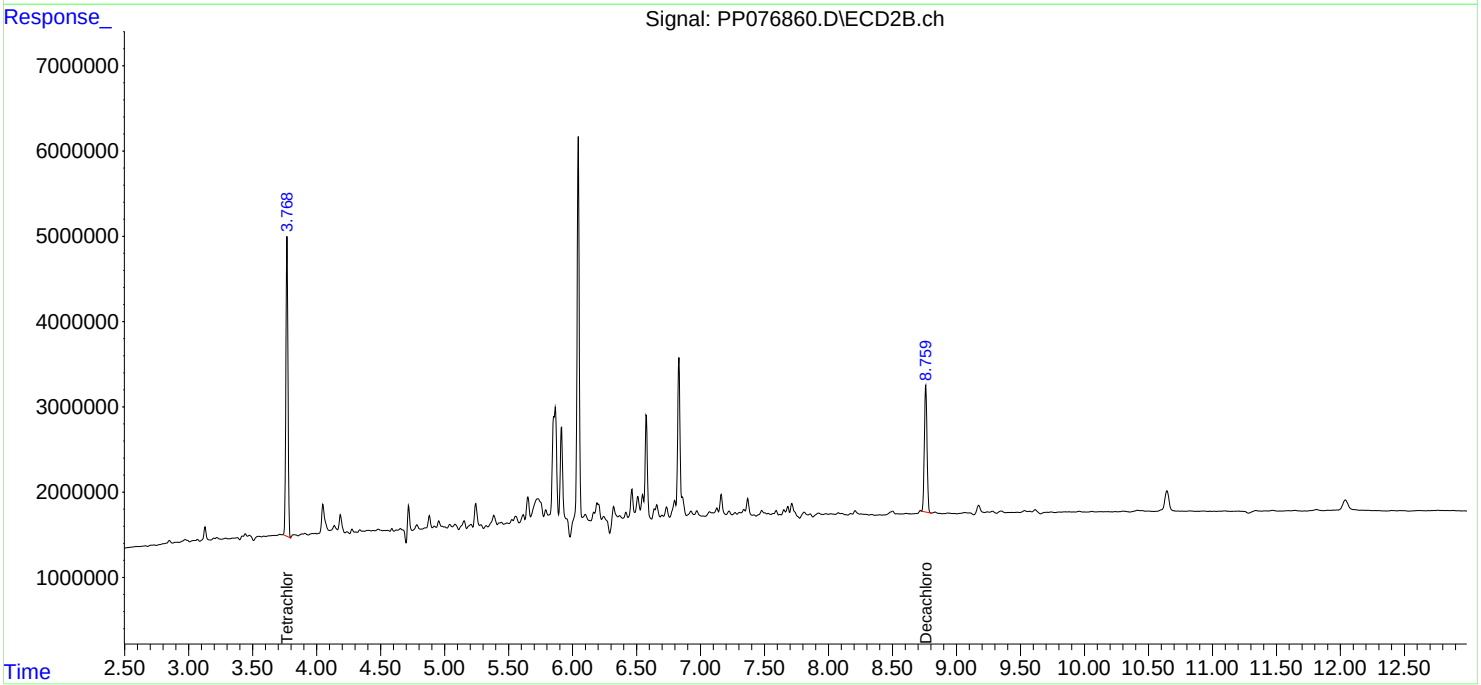
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076860.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 15:09
Operator : YP\AJ
Sample : Q3790-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

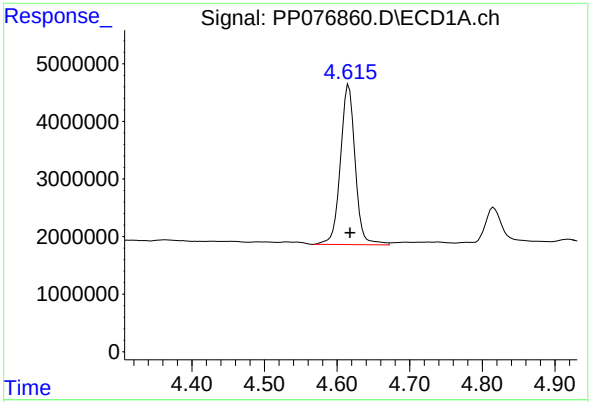
Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOIL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:59:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



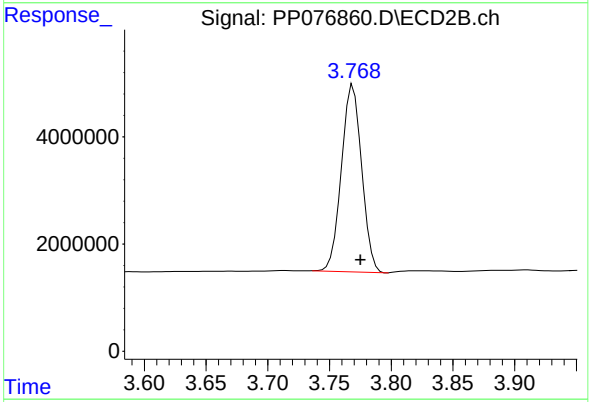




#1 Tetrachloro-m-xylene

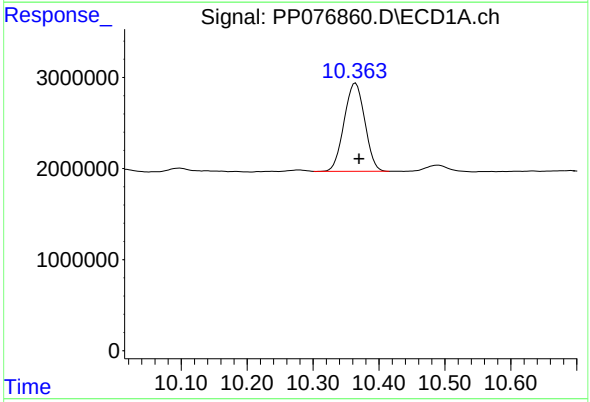
R.T.: 4.616 min
Delta R.T.: -0.002 min
Response: 39215442
Conc: 21.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOIL



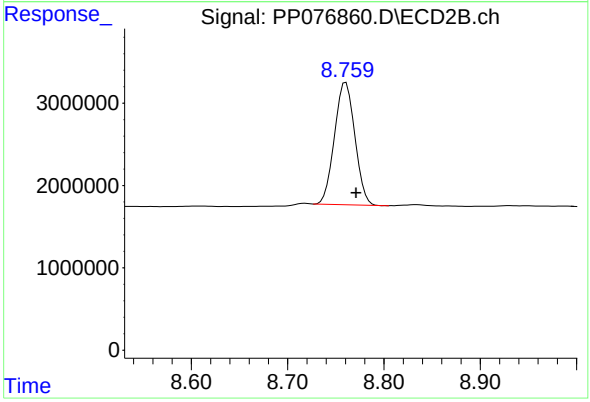
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.006 min
Response: 39888509
Conc: 19.15 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.364 min
Delta R.T.: -0.005 min
Response: 21097559
Conc: 14.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.011 min
Response: 21809986
Conc: 12.36 ng/ml

CALIBRATION SUMMARY

Raw Data

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Instrument ID: ECD_P **Calibration Date(s):** 11/21/2025 11/21/2025

Calibration Times: 10:44 19:39

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

LAB FILE ID: RT 1000 = PP076599.D RT 750 = PP076600.D

RT 500 = PP076601.D RT 250 = PP076602.D RT 050 = PP076603.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Aroclor-1016-2	(2)	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
Aroclor-1016-3	(3)	5.85	5.85	5.85	5.86	5.85	5.85	5.75	5.95
Aroclor-1016-4	(4)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1016-5	(5)	6.24	6.24	6.24	6.25	6.24	6.24	6.14	6.34
Aroclor-1260-1	(1)	7.36	7.36	7.36	7.36	7.36	7.36	7.26	7.46
Aroclor-1260-2	(2)	7.61	7.61	7.61	7.62	7.61	7.61	7.51	7.71
Aroclor-1260-3	(3)	7.97	7.97	7.97	7.97	7.97	7.97	7.87	8.07
Aroclor-1260-4	(4)	8.20	8.20	8.19	8.20	8.19	8.20	8.10	8.30
Aroclor-1260-5	(5)	8.52	8.52	8.52	8.52	8.52	8.52	8.42	8.62
Decachlorobiphenyl		10.37	10.37	10.37	10.37	10.36	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.61	4.62	4.62	4.62	4.52	4.72
Aroclor-1242-1	(1)	5.77	5.77	5.77	5.77	5.77	5.77	5.67	5.87
Aroclor-1242-2	(2)	5.79	5.79	5.79	5.79	5.79	5.79	5.69	5.89
Aroclor-1242-3	(3)	5.86	5.85	5.85	5.85	5.85	5.85	5.75	5.95
Aroclor-1242-4	(4)	5.95	5.95	5.95	5.95	5.95	5.95	5.85	6.05
Aroclor-1242-5	(5)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Decachlorobiphenyl		10.38	10.37	10.37	10.37	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72
Aroclor-1248-1	(1)	5.77	5.77	5.78	5.77	5.77	5.77	5.67	5.87
Aroclor-1248-2	(2)	6.04	6.04	6.05	6.04	6.04	6.04	5.94	6.14
Aroclor-1248-3	(3)	6.24	6.24	6.25	6.24	6.24	6.24	6.14	6.34
Aroclor-1248-4	(4)	6.64	6.64	6.65	6.64	6.64	6.64	6.54	6.74
Aroclor-1248-5	(5)	6.68	6.68	6.69	6.68	6.68	6.68	6.58	6.78
Decachlorobiphenyl		10.37	10.37	10.38	10.37	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.63	4.62	4.62	4.62	4.52	4.72
Aroclor-1254-1	(1)	6.61	6.62	6.62	6.61	6.62	6.62	6.52	6.72
Aroclor-1254-2	(2)	6.83	6.84	6.83	6.83	6.84	6.83	6.73	6.93
Aroclor-1254-3	(3)	7.19	7.20	7.20	7.19	7.20	7.20	7.10	7.30
Aroclor-1254-4	(4)	7.48	7.48	7.48	7.47	7.48	7.48	7.38	7.58
Aroclor-1254-5	(5)	7.89	7.89	7.89	7.89	7.89	7.89	7.79	7.99
Decachlorobiphenyl		10.37	10.37	10.37	10.36	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene		4.62	4.62	4.62	4.61	4.62	4.62	4.52	4.72
Aroclor-1268-1	(1)	8.84	8.84	8.84	8.84	8.84	8.84	8.74	8.94
Aroclor-1268-2	(2)	8.94	8.93	8.93	8.93	8.93	8.93	8.83	9.03
Aroclor-1268-3	(3)	9.17	9.17	9.17	9.17	9.17	9.17	9.07	9.27
Aroclor-1268-4	(4)	9.60	9.59	9.60	9.59	9.59	9.59	9.49	9.69
Aroclor-1268-5	(5)	10.02	10.02	10.02	10.02	10.02	10.02	9.92	10.12

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.37	10.37	10.37	10.37	10.37	10.37	10.27	10.47
Tetrachloro-m-xylene	4.62	4.62	4.62	4.62	4.62	4.62	4.52	4.72

Raw Data

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

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Instrument ID: ECD_P **Calibration Date(s):** 11/21/2025 11/21/2025

Calibration Times: 10:44 19:39

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

LAB FILE ID: RT 1000 = PP076599.D RT 750 = PP076600.D

RT 500 = PP076601.D RT 250 = PP076602.D RT 050 = PP076603.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.85	4.85	4.85	4.86	4.85	4.85	4.75	4.95
Aroclor-1016-2	(2)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1016-3	(3)	5.05	5.05	5.04	5.05	5.04	5.05	4.95	5.15
Aroclor-1016-4	(4)	5.09	5.09	5.08	5.09	5.09	5.09	4.99	5.19
Aroclor-1016-5	(5)	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
Aroclor-1260-1	(1)	6.33	6.33	6.32	6.33	6.33	6.33	6.23	6.43
Aroclor-1260-2	(2)	6.52	6.52	6.51	6.52	6.51	6.52	6.42	6.62
Aroclor-1260-3	(3)	6.67	6.67	6.66	6.67	6.67	6.67	6.57	6.77
Aroclor-1260-4	(4)	7.14	7.14	7.13	7.14	7.14	7.14	7.04	7.24
Aroclor-1260-5	(5)	7.38	7.38	7.37	7.38	7.38	7.38	7.28	7.48
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.78	3.77	3.77	3.78	3.77	3.77	3.67	3.87
Aroclor-1242-1	(1)	4.85	4.85	4.85	4.85	4.85	4.85	4.75	4.95
Aroclor-1242-2	(2)	4.87	4.87	4.87	4.87	4.87	4.87	4.77	4.97
Aroclor-1242-3	(3)	5.05	5.04	5.05	5.04	5.05	5.05	4.95	5.15
Aroclor-1242-4	(4)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1242-5	(5)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.77	3.77	3.77	3.77	3.77	3.77	3.67	3.87
Aroclor-1248-1	(1)	4.85	4.85	4.86	4.85	4.85	4.85	4.75	4.95
Aroclor-1248-2	(2)	5.09	5.09	5.09	5.09	5.09	5.09	4.99	5.19
Aroclor-1248-3	(3)	5.13	5.13	5.13	5.13	5.13	5.13	5.03	5.23
Aroclor-1248-4	(4)	5.30	5.30	5.30	5.30	5.30	5.30	5.20	5.40
Aroclor-1248-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.77	3.77	3.78	3.77	3.77	3.77	3.67	3.87
Aroclor-1254-1	(1)	5.65	5.65	5.65	5.65	5.65	5.65	5.55	5.75
Aroclor-1254-2	(2)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1254-3	(3)	6.20	6.20	6.20	6.20	6.20	6.20	6.10	6.30
Aroclor-1254-4	(4)	6.42	6.43	6.43	6.42	6.43	6.43	6.33	6.53
Aroclor-1254-5	(5)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Decachlorobiphenyl		8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene		3.77	3.78	3.77	3.77	3.78	3.77	3.67	3.87
Aroclor-1268-1	(1)	7.66	7.66	7.66	7.66	7.66	7.66	7.56	7.76
Aroclor-1268-2	(2)	7.72	7.72	7.72	7.72	7.72	7.72	7.62	7.82
Aroclor-1268-3	(3)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Aroclor-1268-4	(4)	8.22	8.22	8.22	8.22	8.22	8.22	8.12	8.32
Aroclor-1268-5	(5)	8.51	8.51	8.51	8.51	8.51	8.51	8.41	8.61

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RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.77	8.77	8.77	8.77	8.77	8.77	8.67	8.87
Tetrachloro-m-xylene	3.78	3.77	3.78	3.77	3.77	3.77	3.67	3.87

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: TULL02
SDG NO.: Q3790
Calibration Date(s): 11/21/2025 11/21/2025
Calibration Times: 10:44 19:39

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

LAB FILE ID: CF 1000 = PP076599.D CF 750 = PP076600.D
CF 500 = PP076601.D CF 250 = PP076602.D CF 050 = PP076603.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	57708593	60284011	62720674	70146056	86715180	67514903	16
Aroclor-1016-2	(2)	87370224	91866497	94863778	106525840	123912700	100907808	14
Aroclor-1016-3	(3)	55014048	58179041	60501046	68146480	83131840	64994491	16
Aroclor-1016-4	(4)	45866425	48590819	50075960	56156272	67027420	53543379	15
Aroclor-1016-5	(5)	44467962	47019184	48926274	54576040	62856580	51569208	13
Aroclor-1260-1	(1)	73805780	77143584	80863582	91288048	111181860	86856571	16
Aroclor-1260-2	(2)	87101421	91325823	95770194	107029868	135552320	103355925	18
Aroclor-1260-3	(3)	68153614	71731653	74556476	83896084	103586280	80384821	17
Aroclor-1260-4	(4)	80664425	84387037	87985074	97767224	117554160	93671584	15
Aroclor-1260-5	(5)	148193731	153678800	158669232	175972884	213566900	170016309	15
Decachlorobiphenyl		1308548090	1363697893	1416143240	1583148160	1821861400	1498679757	14
Tetrachloro-m-xylene		1632622270	1686884480	1742740480	1876774200	2238526800	1835509646	13
Aroclor-1242-1	(1)	46820088	49495555	51408518	51802020	60136760	51932588	9
Aroclor-1242-2	(2)	69927193	74300271	78434750	76478716	89342220	77696630	9
Aroclor-1242-3	(3)	44603953	47284257	49953000	49585884	60152920	50316003	11
Aroclor-1242-4	(4)	36970364	39006845	41279374	41298156	49350320	41581012	11
Aroclor-1242-5	(5)	40380815	43273208	45507256	47172540	54801840	46227132	11
Decachlorobiphenyl		1250955220	1331366640	1381877340	1379254120	1600423400	1388775344	9
Tetrachloro-m-xylene		1571806280	1652818307	1692613960	1639542200	1904693000	1692294749	7
Aroclor-1248-1	(1)	36073269	37934815	40711200	44451532	43127200	40459603	8
Aroclor-1248-2	(2)	50000146	52867352	55993870	61932632	61150200	56388840	9
Aroclor-1248-3	(3)	55566335	58034408	62017348	68318008	67641780	62315576	9
Aroclor-1248-4	(4)	64403994	67793604	72096762	81581836	84852220	74145683	11
Aroclor-1248-5	(5)	63599425	66649801	71757734	83225952	78337200	72714022	11
Decachlorobiphenyl		1249447780	1292070840	1384857840	1528460280	1423697000	1375706748	8
Tetrachloro-m-xylene		1574270000	1618772787	1673222680	1811616160	1785283000	1692632925	6
Aroclor-1254-1	(1)	71656435	73094801	76839598	83916248	95588240	80219064	12
Aroclor-1254-2	(2)	95196281	100474461	108389070	119616740	139960620	112727434	15
Aroclor-1254-3	(3)	102399354	107941216	115149900	126570796	148664480	120145149	14
Aroclor-1254-4	(4)	78180335	82150911	87972230	96257768	106029800	90118209	12
Aroclor-1254-5	(5)	84891224	89223744	94355464	99145184	116356540	96794431	12
Decachlorobiphenyl		1271379670	1353876560	1432914580	1578042720	1693770400	1465996786	12
Tetrachloro-m-xylene		1587463770	1656217453	1731172560	1831394240	1978188800	1756887365	9
Aroclor-1268-1	(1)	185284719	196773012	206651882	228623276	257246740	214915926	13

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	174556125	185120223	194982316	214398960	237120540	201235633	12
Aroclor-1268-3	(3)	144029935	152659056	161257230	178389696	194435320	166154247	12
Aroclor-1268-4	(4)	72720190	77125884	81820048	89236340	95590360	83298564	10
Aroclor-1268-5	(5)	445375962	467824043	486648804	530281216	591465460	504319097	11
Decachlorobiphenyl		2103145540	2229946733	2356050020	2605971520	2869837800	2432990323	13
Tetrachloro-m-xylene		1592145550	1682577760	1746782760	1859352840	2045449600	1785261702	10

Raw Data

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Instrument ID: ECD_P **Calibration Date(s):** 11/21/2025 11/21/2025

Calibration Times: 10:44 19:39

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

LAB FILE ID: **CF 1000 =** PP076599.D **CF 750 =** PP076600.D

CF 500 = PP076601.D **CF 250 =** PP076602.D **CF 050 =** PP076603.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	69284330	70804845	71449300	76694208	87621040	75170745	9
Aroclor-1016-2	(2)	104122902	106337112	106728386	113977468	124797320	111192638	7
Aroclor-1016-3	(3)	53613162	55061171	55762260	59522960	65859300	57963771	8
Aroclor-1016-4	(4)	41823980	43401780	44668820	48687932	55170840	46750670	11
Aroclor-1016-5	(5)	55742749	57230741	58964166	64122844	73641320	61940364	11
Aroclor-1260-1	(1)	99306847	101128783	103836720	111650784	129586700	109101967	11
Aroclor-1260-2	(2)	121008321	123078656	126124030	136041204	158654880	132981418	11
Aroclor-1260-3	(3)	113883356	115970629	117487594	125714324	146413640	123893909	10
Aroclor-1260-4	(4)	96232422	98264441	99716326	106139636	119039280	103878421	8
Aroclor-1260-5	(5)	235694647	238382773	237905118	249801344	273831240	247123024	6
Decachlorobiphenyl		1631798890	1658457733	1674372880	1797333600	2060619400	1764516501	10
Tetrachloro-m-xylene		2029594040	2049794933	2020131300	2090549040	2224542800	2082922423	4
Aroclor-1242-1	(1)	55846456	57386199	58152954	53306796	62776280	57493737	6
Aroclor-1242-2	(2)	82292663	85381189	86354650	80143412	87242420	84282867	3
Aroclor-1242-3	(3)	42952122	44235299	45123908	42052092	45839360	44040556	3
Aroclor-1242-4	(4)	41020216	42556281	43998486	41892464	46781360	43249761	5
Aroclor-1242-5	(5)	54892740	55577543	56552748	54423788	70165220	58322408	11
Decachlorobiphenyl		1561601020	1626952053	1628254580	1539884520	1715565200	1614451475	4
Tetrachloro-m-xylene		1982565500	2020394053	2002276380	1786858880	1908073400	1940033643	5
Aroclor-1248-1	(1)	41569992	42480253	44301150	47253764	44774880	44076008	5
Aroclor-1248-2	(2)	54299284	55737199	58630046	62694512	59777260	58227660	5
Aroclor-1248-3	(3)	57411768	58802539	61381284	66231484	63093400	61384095	5
Aroclor-1248-4	(4)	68531642	69993235	72796730	78273768	76330020	73185079	5
Aroclor-1248-5	(5)	72351458	74116725	87512792	87540176	99280300	84160290	12
Decachlorobiphenyl		1502488940	1528042440	1588582860	1696630800	1607749600	1584698928	5
Tetrachloro-m-xylene		1965268790	1970101347	1992281480	2022502760	1786610000	1947352875	5
Aroclor-1254-1	(1)	108376052	112150224	116858404	122914228	130906240	118241030	7
Aroclor-1254-2	(2)	93680624	97777644	103342076	111983640	133837560	108124309	14
Aroclor-1254-3	(3)	152849964	157484645	163154906	168476080	178969780	164187075	6
Aroclor-1254-4	(4)	96670996	100414949	103848536	107894352	110135520	103792871	5
Aroclor-1254-5	(5)	131464389	136042208	140591856	145925060	149848540	140774411	5
Decachlorobiphenyl		1541731170	1604172760	1652126120	1739157040	1816837400	1670804898	7
Tetrachloro-m-xylene		1985357600	2026009013	2048265880	2040842960	1966667000	2013428491	2
Aroclor-1268-1	(1)	264556427	274894625	279316682	289369552	298553780	281338213	4

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CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	240850862	249890508	253434678	261757772	266698340	254526432	4
Aroclor-1268-3	(3)	194377273	201896009	205304164	211895436	218632500	206421076	4
Aroclor-1268-4	(4)	87883512	91300353	93471410	98130748	98806800	93918565	5
Aroclor-1268-5	(5)	616587385	634409216	638557228	650798496	642345620	636539589	2
Decachlorobiphenyl		2670092970	2765280333	2823888140	2956250080	3086571200	2860416545	6
Tetrachloro-m-xylene		1979033710	2058080493	2057299240	2063660600	2008890000	2033392809	2

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Instrument ID: ECD_P **Date(s) Analyzed:** 11/21/2025 11/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	4.82	4.72	4.92	25833800
		2	4.90	4.80	5.00	19927200
		3	4.98	4.88	5.08	55758000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.98	4.88	5.08	43472600
		2	5.51	5.41	5.61	22364600
		3	5.80	5.70	5.90	43924600
		4	5.96	5.86	6.06	22708400
		5	6.04	5.94	6.14	16825100
Aroclor-1262	500	1	8.20	8.10	8.30	98956600
		2	8.52	8.42	8.62	172451000
		3	8.84	8.74	8.94	125724000
		4	8.93	8.83	9.03	99218000
		5	9.59	9.49	9.69	71040600

Raw Data

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INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Instrument ID: ECD_P **Date(s) Analyzed:** 11/21/2025 11/21/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	500	1	3.98	3.88	4.08	26717800
		2	4.07	3.97	4.17	19991600
		3	4.15	4.05	4.25	60271800
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.15	4.05	4.25	47081000
		2	4.87	4.77	4.97	46115400
		3	5.05	4.95	5.15	24241400
		4	5.13	5.03	5.23	21532600
		5	5.30	5.20	5.40	23536200
Aroclor-1262	500	1	6.88	6.78	6.98	133315000
		2	7.14	7.04	7.24	119918000
		3	7.66	7.56	7.76	98515200
		4	7.72	7.62	7.82	174485000
		5	8.22	8.12	8.32	80357800

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:44
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: Nov 21 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 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...	4.618	3.775	163.3E6	203.0E6	96.738	100.234
2)	SA Decachlor...	10.370	8.771	130.9E6	163.2E6	96.051	98.712
	Target Compounds						
3)	L1 AR-1016-1	5.770	4.854	57708593	69284330	958.382	984.617
4)	L1 AR-1016-2	5.791	4.871	87370224	104.1E6	958.879	987.643
5)	L1 AR-1016-3	5.854	5.047	55014048	53613162	952.500	980.351
6)	L1 AR-1016-4	5.951	5.088	45866425	41823980	956.124	967.109
7)	L1 AR-1016-5	6.244	5.301	44467962	55742749	952.264	971.916
31)	L7 AR-1260-1	7.361	6.329	73805780	99306847	954.368	977.701
32)	L7 AR-1260-2	7.614	6.516	87101421	121.0E6	952.596	979.300
33)	L7 AR-1260-3	7.972	6.668	68153614	113.9E6	955.134	984.422
34)	L7 AR-1260-4	8.198	7.138	80664425	96232422	956.593	982.220
35)	L7 AR-1260-5	8.522	7.378	148.2E6	235.7E6	965.863	995.333

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

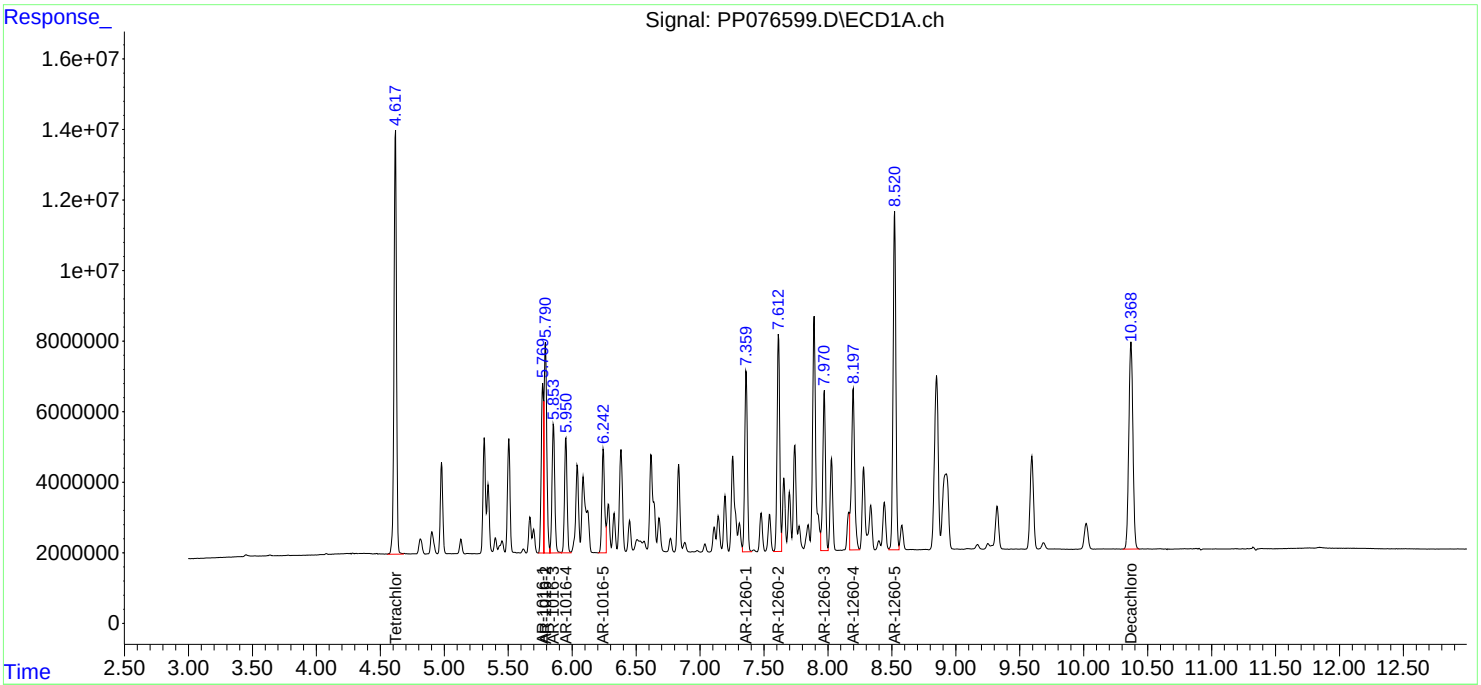
ICAL Form

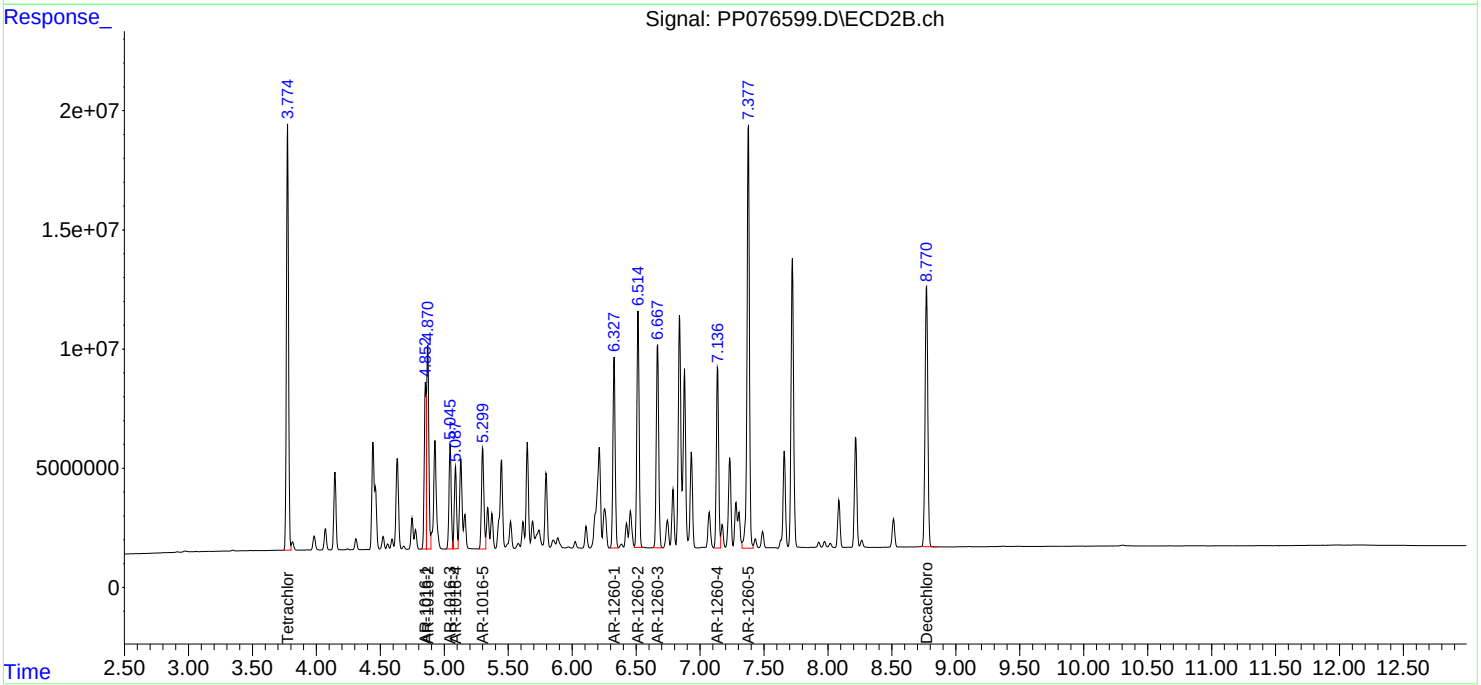
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076599.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:44
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:26:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:00
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: Nov 21 12:29:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 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...	4.617	3.774	126.5E6	153.7E6	74.976	75.613
2)	SA Decachlor...	10.369	8.770	102.3E6	124.4E6	75.050	75.162
	Target Compounds						
3)	L1 AR-1016-1	5.769	4.853	45213008	53103634	750.576	753.106
4)	L1 AR-1016-2	5.790	4.870	68899873	79752834	754.102	754.310
5)	L1 AR-1016-3	5.853	5.046	43634281	41295878	753.640	753.407
6)	L1 AR-1016-4	5.950	5.087	36443114	32551335	756.431	751.794
7)	L1 AR-1016-5	6.243	5.300	35264388	42923056	753.441	748.929
31)	L7 AR-1260-1	7.360	6.328	57857688	75846587	748.763	747.816
32)	L7 AR-1260-2	7.613	6.515	68494367	92308992	749.398	748.025
33)	L7 AR-1260-3	7.970	6.667	53798740	86977972	752.634	751.231
34)	L7 AR-1260-4	8.198	7.137	63290278	73698331	750.369	751.479
35)	L7 AR-1260-5	8.520	7.377	115.3E6	178.8E6	750.806	753.335

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

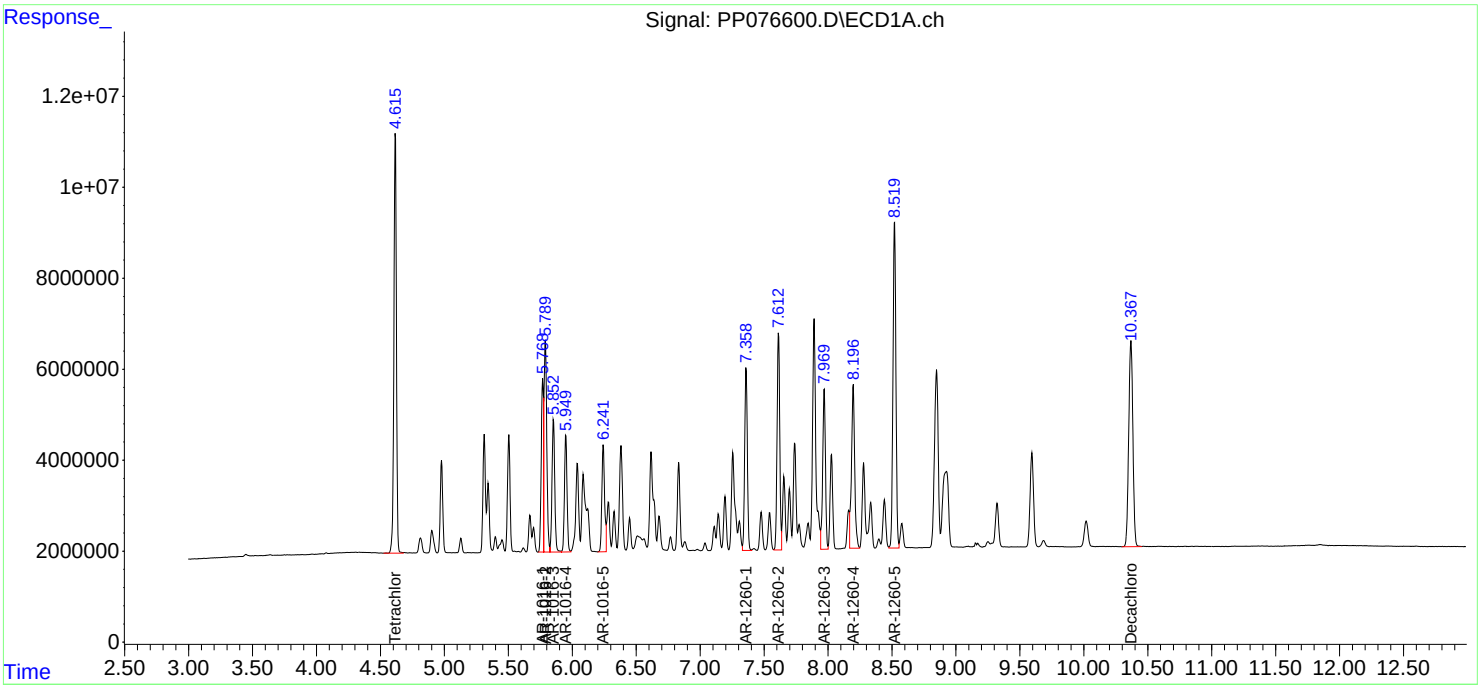
ICAL Form

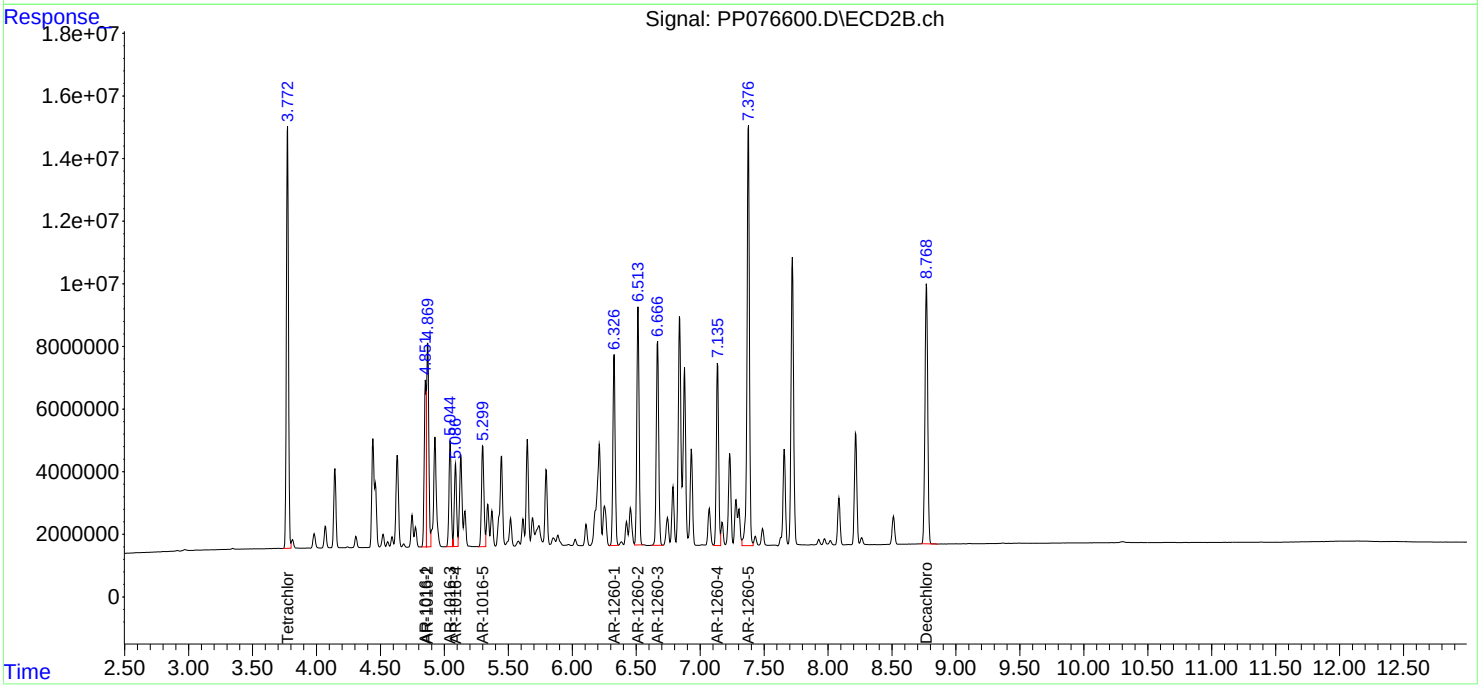
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076600.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:00
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:29:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:17
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: Nov 21 12:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 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...	4.614	3.771	87137024	101.0E6	50.000	50.000
2)	SA Decachlor...	10.365	8.766	70807162	83718644	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.767	4.850	31360337	35724650	500.000	500.000
4)	L1 AR-1016-2	5.787	4.867	47431889	53364193	500.000	500.000
5)	L1 AR-1016-3	5.850	5.042	30250523	27881130	500.000	500.000
6)	L1 AR-1016-4	5.947	5.084	25037980	22334410	500.000	500.000
7)	L1 AR-1016-5	6.240	5.297	24463137	29482083	500.000	500.000
31)	L7 AR-1260-1	7.356	6.324	40431791	51918360	500.000	500.000
32)	L7 AR-1260-2	7.609	6.512	47885097	63062015	500.000	500.000
33)	L7 AR-1260-3	7.967	6.664	37278238	58743797	500.000	500.000
34)	L7 AR-1260-4	8.193	7.133	43992537	49858163	500.000	500.000
35)	L7 AR-1260-5	8.516	7.373	79334616	119.0E6	500.000	500.000

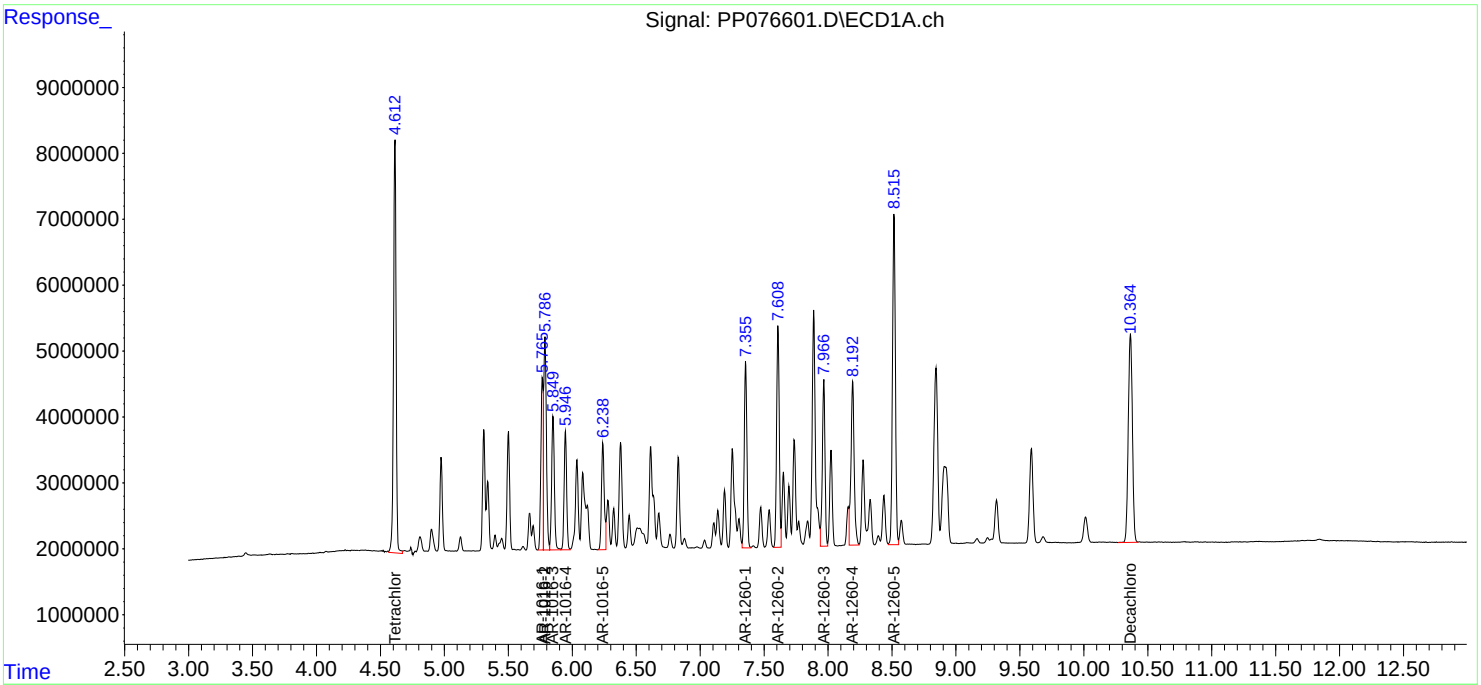
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

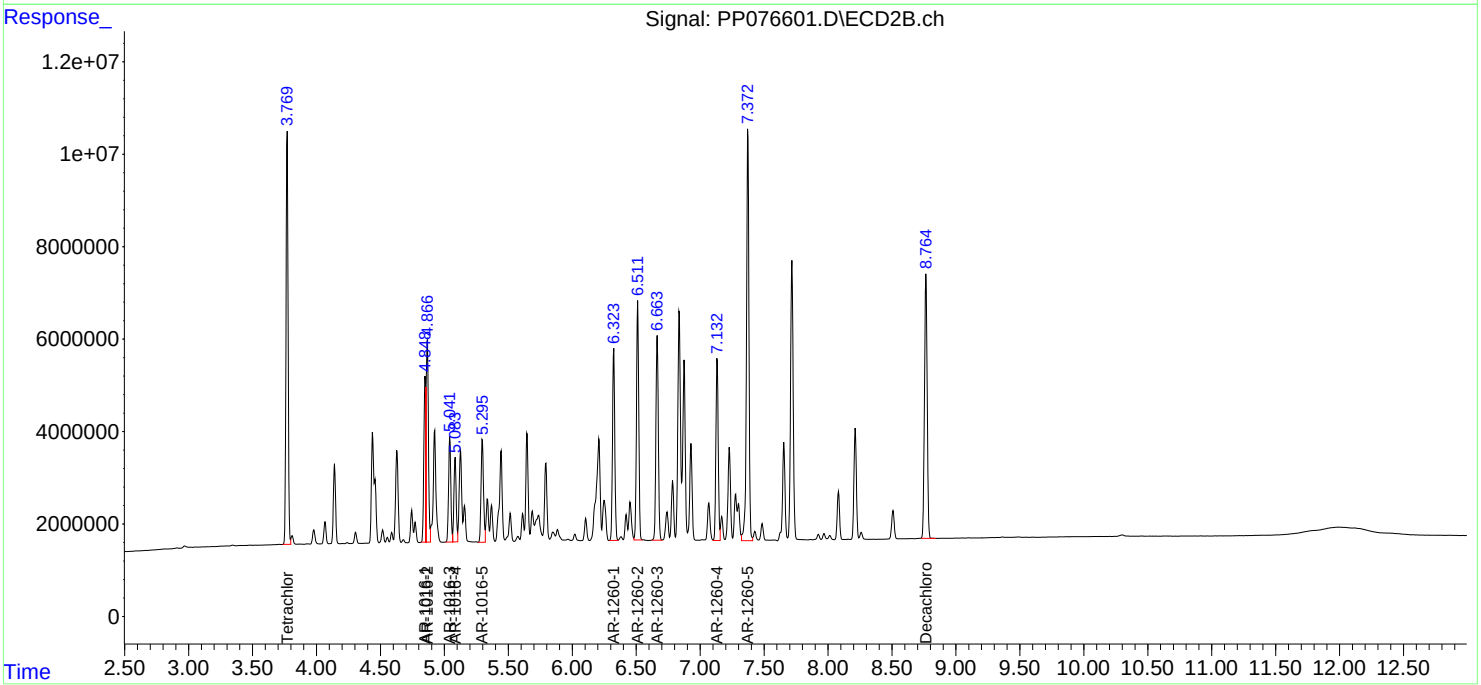
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076601.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:17
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:24:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:33
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: Nov 21 12:31:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 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...	4.619	3.776	46919355	52263726	27.047	25.525
2)	SA Decachlor...	10.369	8.772	39578704	44933340	27.914	26.580
	Target Compounds						
3)	L1 AR-1016-1	5.772	4.855	17536514	19173552	279.623	266.084
4)	L1 AR-1016-2	5.793	4.873	26631460	28494367	279.870	264.347
5)	L1 AR-1016-3	5.856	5.048	17036620	14880740	281.783	265.775
6)	L1 AR-1016-4	5.952	5.090	14039068	12171983	279.817	272.635
7)	L1 AR-1016-5	6.245	5.302	13644010	16030711	279.892	271.637
31)	L7 AR-1260-1	7.362	6.330	22822012	27912696	282.537	268.441
32)	L7 AR-1260-2	7.615	6.517	26757467	34010301	280.751	268.722
33)	L7 AR-1260-3	7.973	6.670	20974021	31428581	281.212	265.749
34)	L7 AR-1260-4	8.199	7.139	24441806	26534909	278.695	265.115
35)	L7 AR-1260-5	8.522	7.379	43993221	62450336	276.463	259.727

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

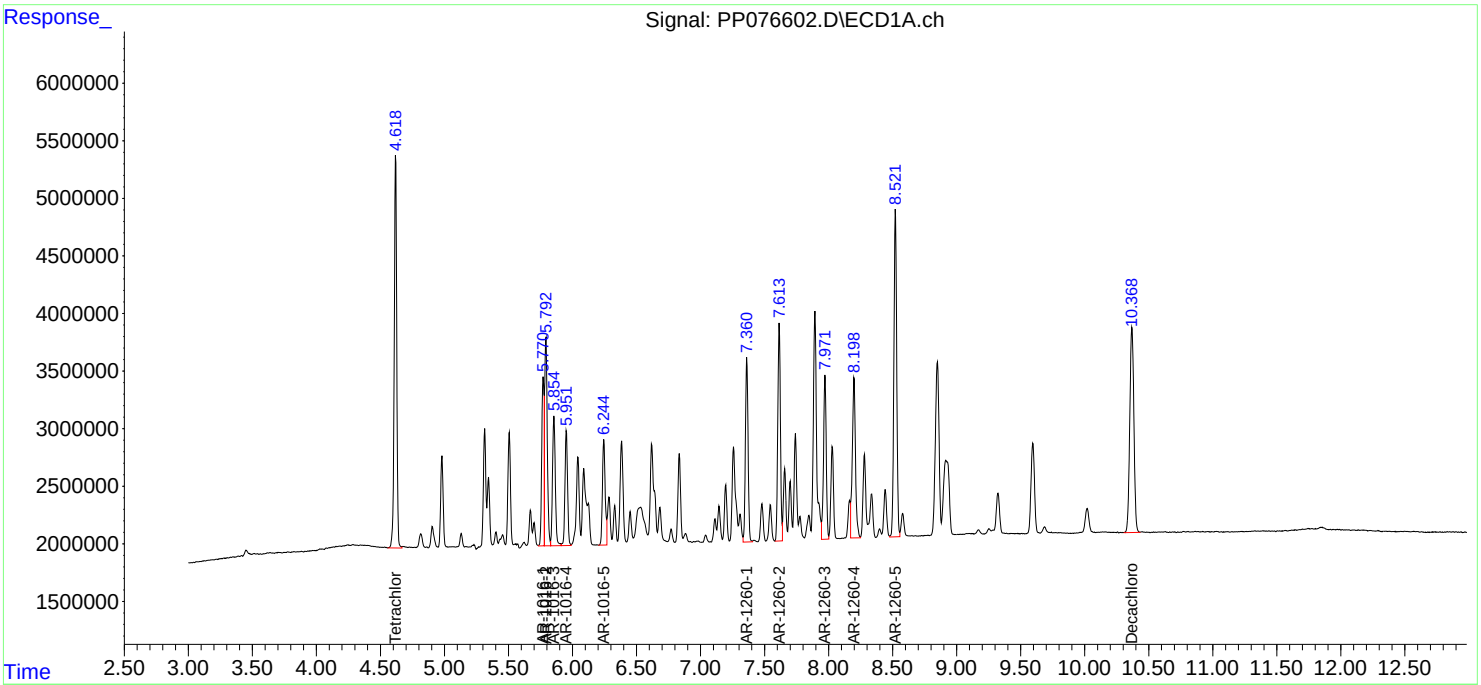
ICAL Form

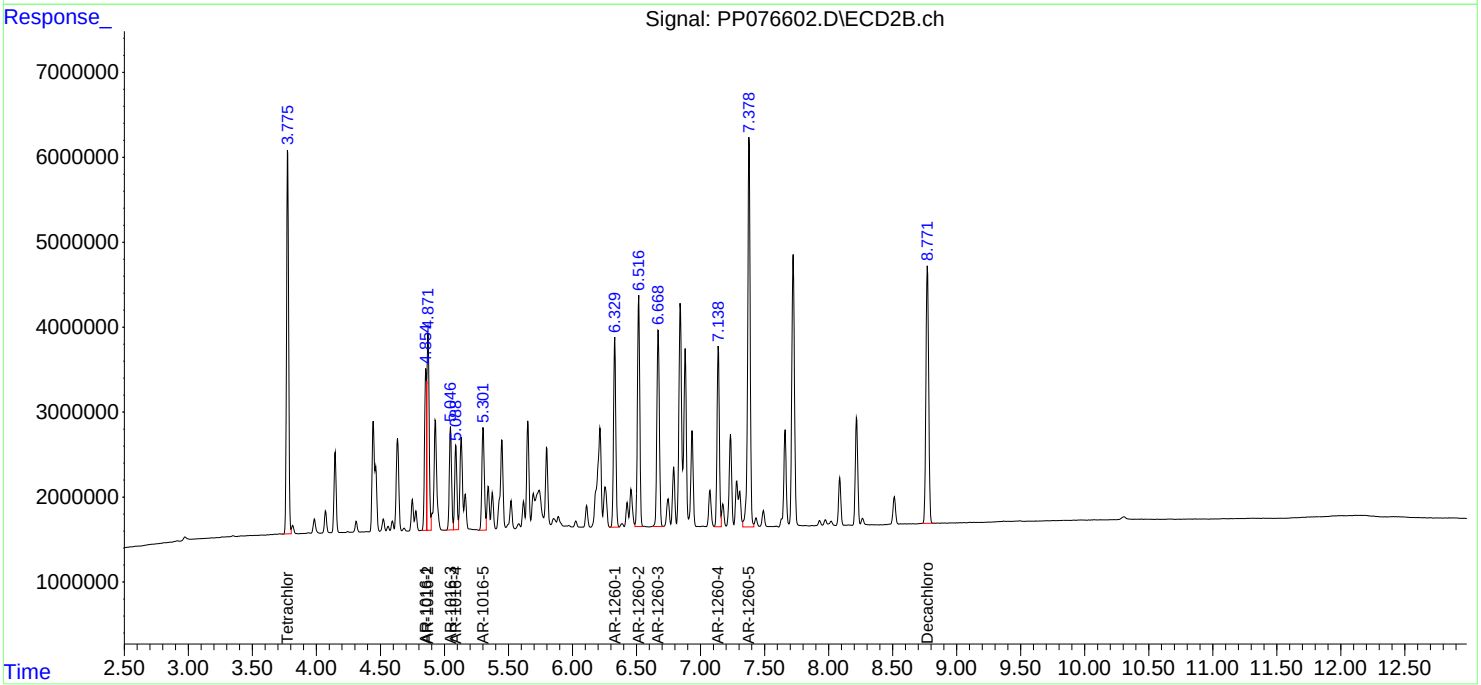
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076602.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:33
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:31:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:49
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:36:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 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...	4.615	3.773	11192634	11122714	6.098	5.340
2)	SA Decachlor...	10.364	8.767	9109307	10303097	6.072m	5.839
	Target Compounds						
3)	L1 AR-1016-1	5.768	4.851	4335759	4381052	64.219	58.281
4)	L1 AR-1016-2	5.789	4.869	6195635	6239866	61.399	56.118
5)	L1 AR-1016-3	5.850	5.044	4156592	3292965	64.335m	56.811
6)	L1 AR-1016-4	5.949	5.086	3351371	2758542	62.592	59.005
7)	L1 AR-1016-5	6.242	5.299	3142829	3682066	60.944	59.445
31)	L7 AR-1260-1	7.356	6.327	5559093	6479335	63.740m	59.388
32)	L7 AR-1260-2	7.610	6.514	6777616	7932744	65.642m	59.653
33)	L7 AR-1260-3	7.969	6.666	5179314	7320682	64.431	59.088
34)	L7 AR-1260-4	8.193	7.135	5877708	5951964	62.272m	57.297
35)	L7 AR-1260-5	8.518	7.375	10678345	13691562	62.808	55.404

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076603.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 11:49
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

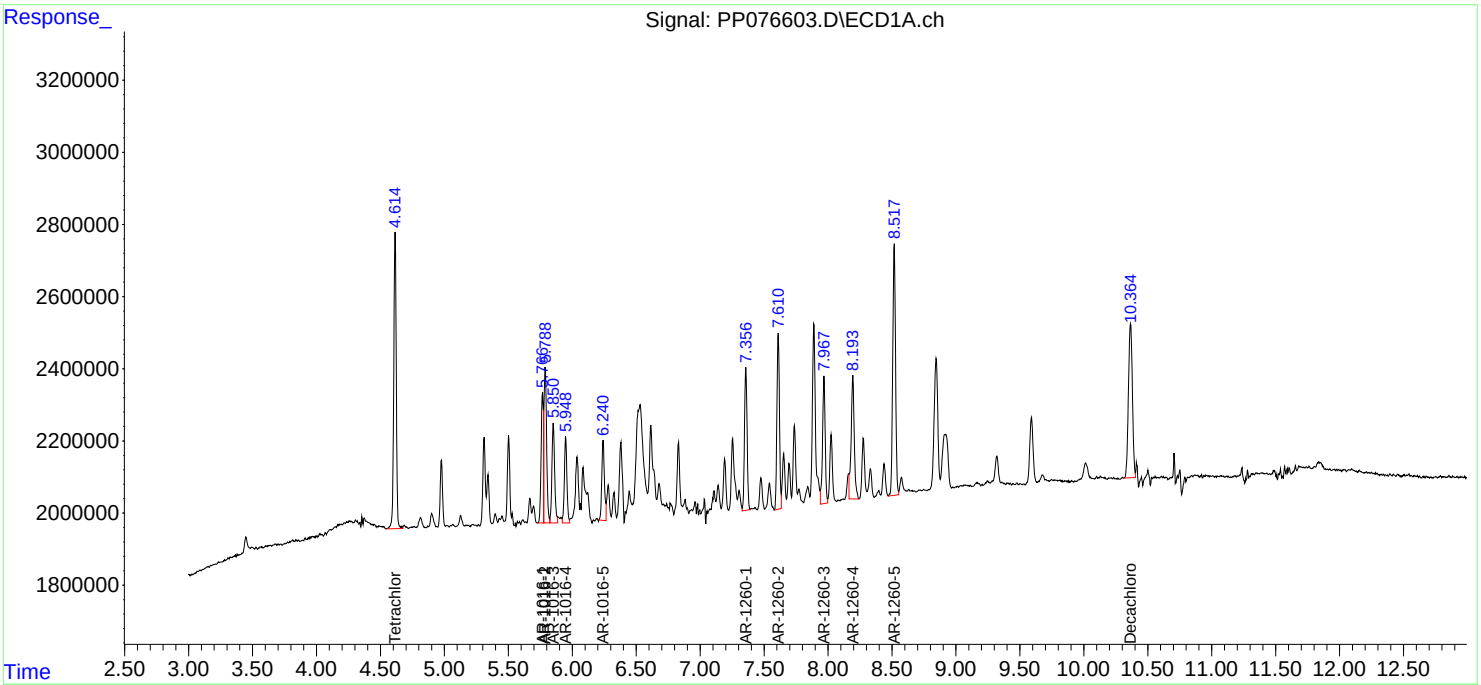
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

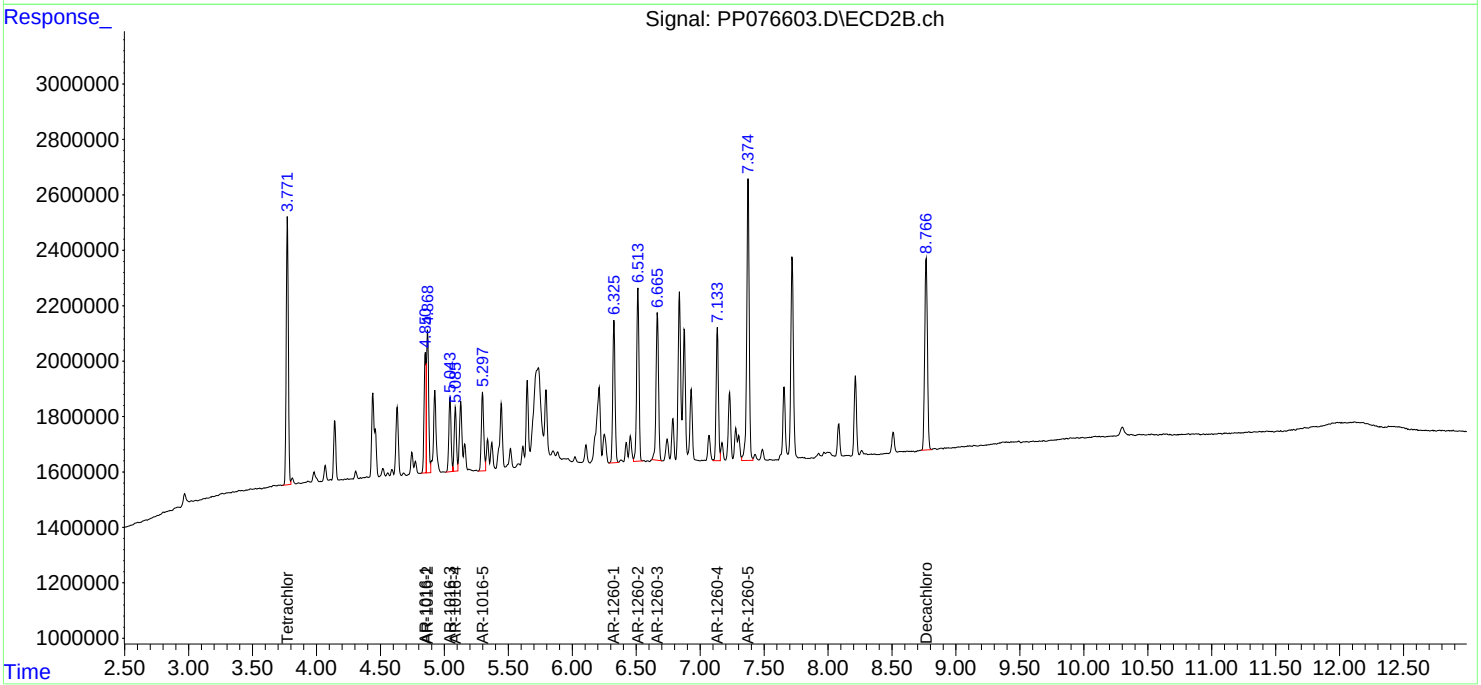
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 12:36:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 12:24:00 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:38
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: Nov 21 13:29:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 13:28:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.618	3.773	86138530	99823875	50.000	50.000
2)	SA Decachlor...	10.370	8.769	66786761	78868724	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	4.818	3.983	12916885	13358906	500.000	500.000
9)	L2 AR-1221-2	4.904	4.069	9963586	9995815	500.000	500.000
10)	L2 AR-1221-3	4.980	4.145	27879038	30135927	500.000	500.000

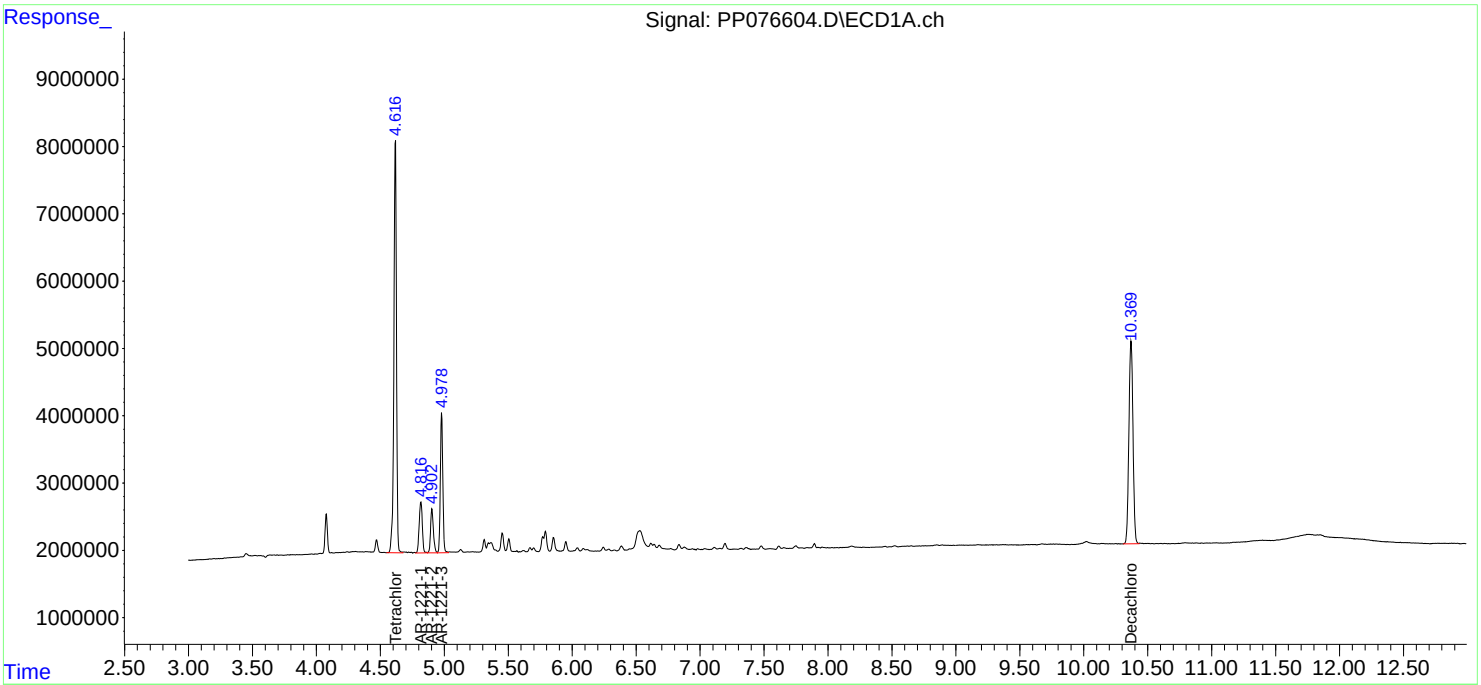
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

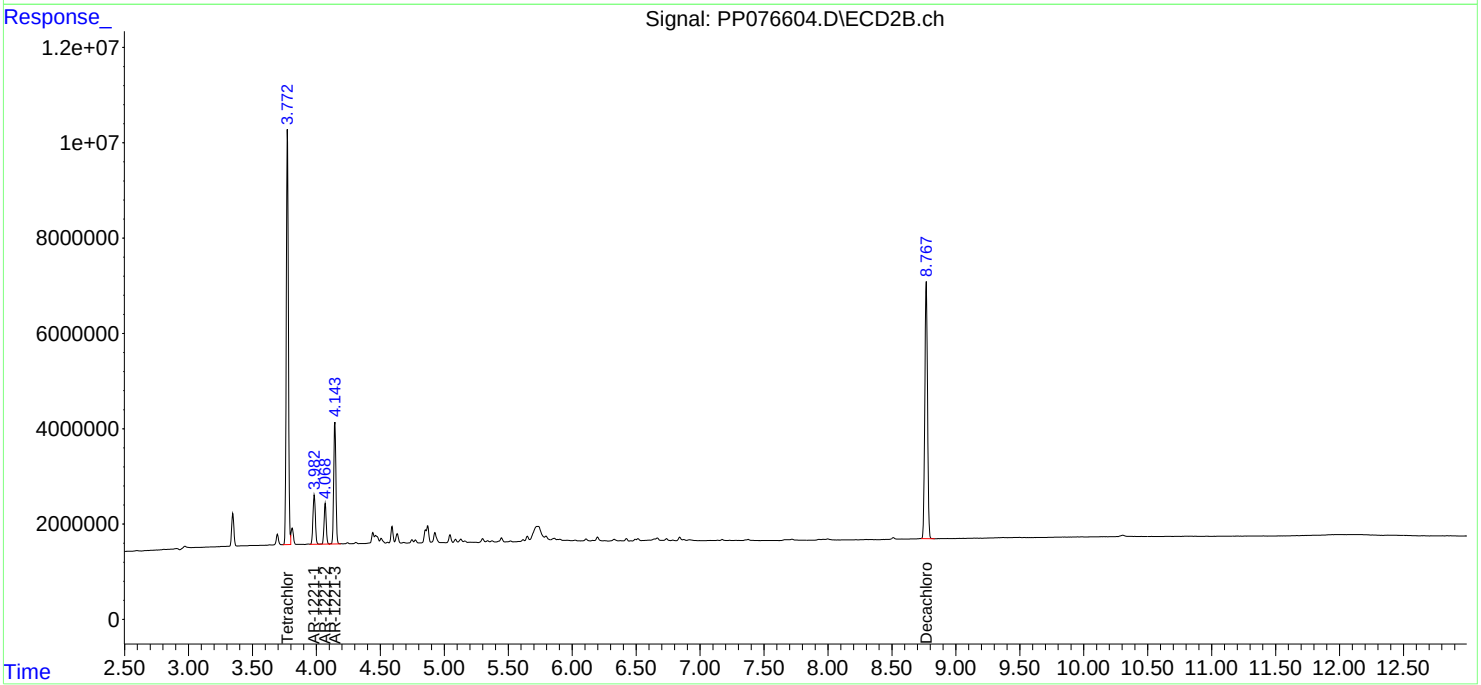
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076604.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:38
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 13:29:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 13:28:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:56
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 13:31:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 13:28:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.621	3.774	86417746	102.0E6	50.000	50.000
2)	SA Decachlor...	10.375	8.771	68491846	80582411	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	4.983	4.145	21736290	23540456	500.000	500.000
12)	L3 AR-1232-2	5.508	4.871	11182315	23057748	500.000	500.000
13)	L3 AR-1232-3	5.795	5.047	21962317	12120703	500.000	500.000
14)	L3 AR-1232-4	5.955	5.130	11354210	10766264	500.000	500.000
15)	L3 AR-1232-5	6.044	5.301	8412528	11768056	500.000	500.000

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

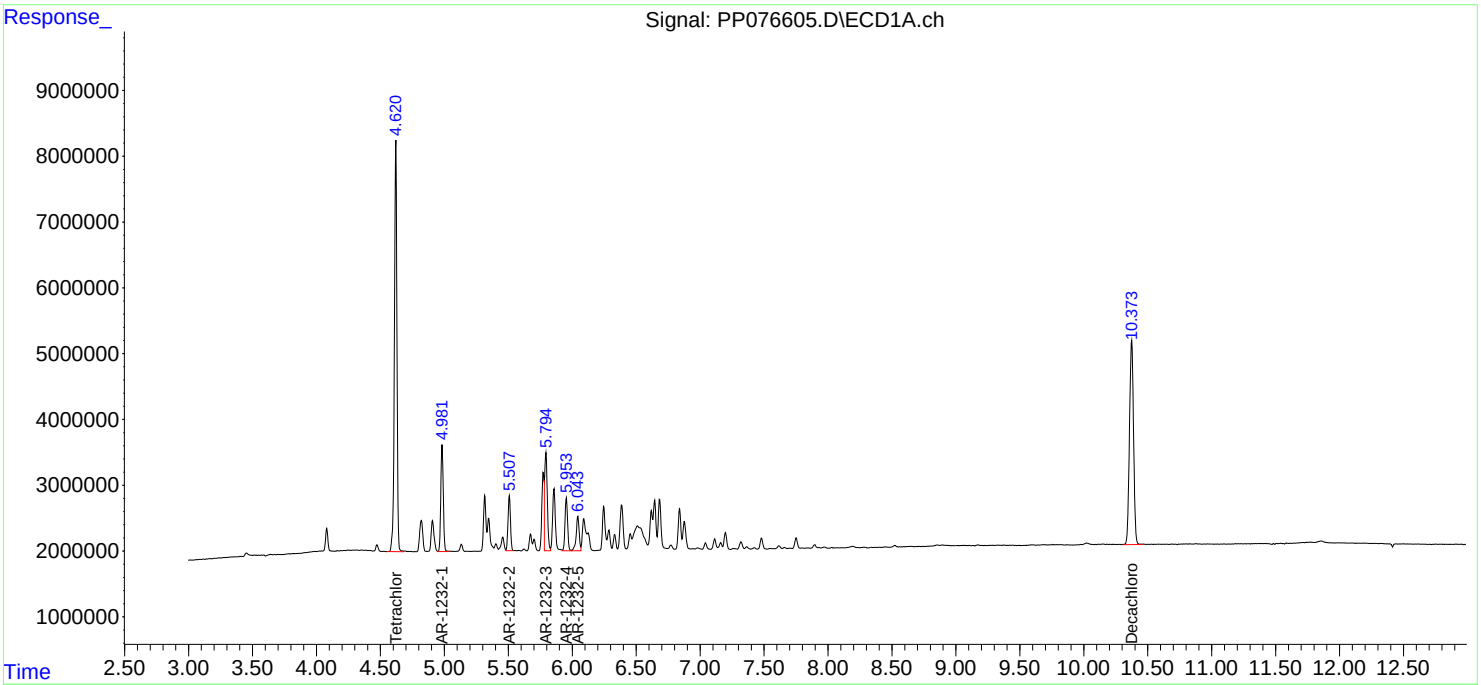
ICAL Form

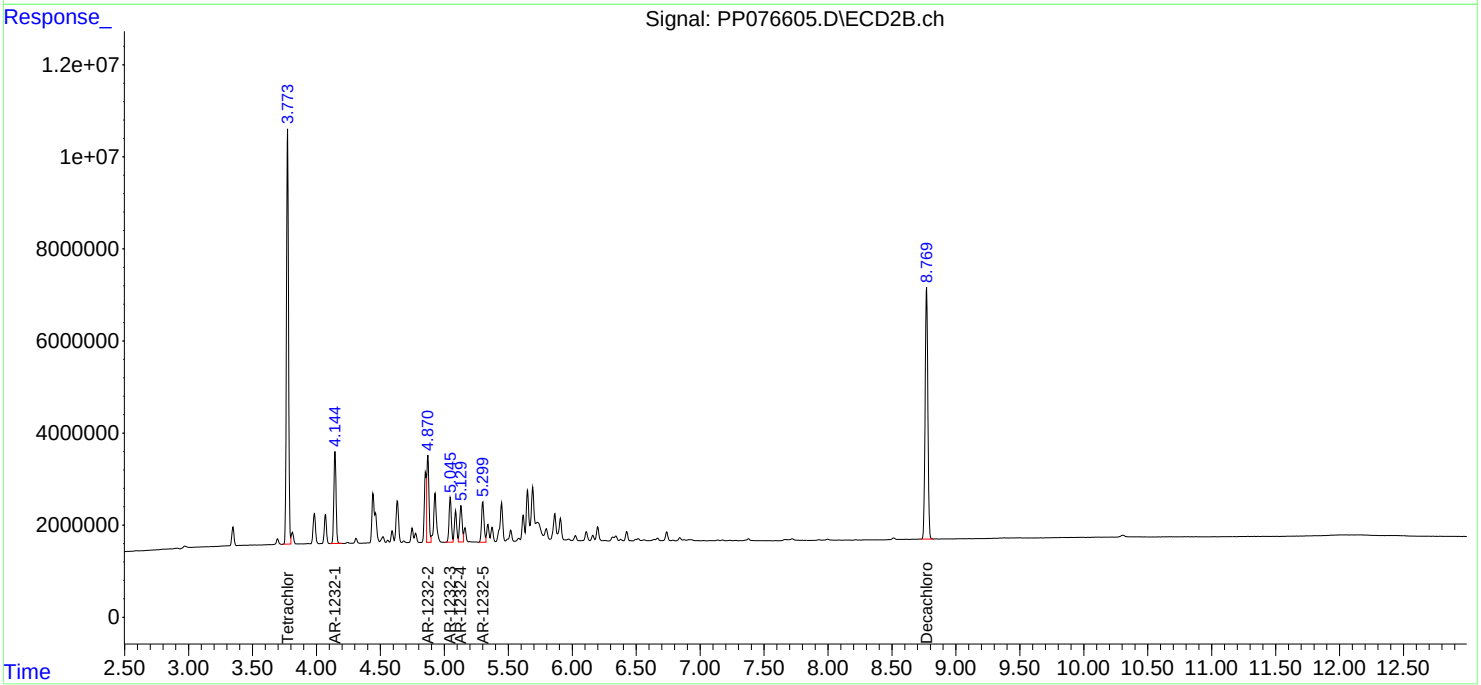
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 12:56
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 13:31:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 13:28:56 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:15
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:09:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:05:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.620	3.773	157.2E6	198.3E6	96.299	99.505
2)	SA Decachlor...	10.375	8.771	125.1E6	156.2E6	95.027	97.910
	Target Compounds						
16)	L4 AR-1242-1	5.773	4.852	46820088	55846456	953.288	979.767
17)	L4 AR-1242-2	5.794	4.870	69927193	82292663	942.657	975.914
18)	L4 AR-1242-3	5.857	5.045	44603953	42952122	943.430	975.342
19)	L4 AR-1242-4	5.954	5.130	36970364	41020216	944.933	964.969
20)	L4 AR-1242-5	6.684	5.649	40380815	54892740	940.313	985.105

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

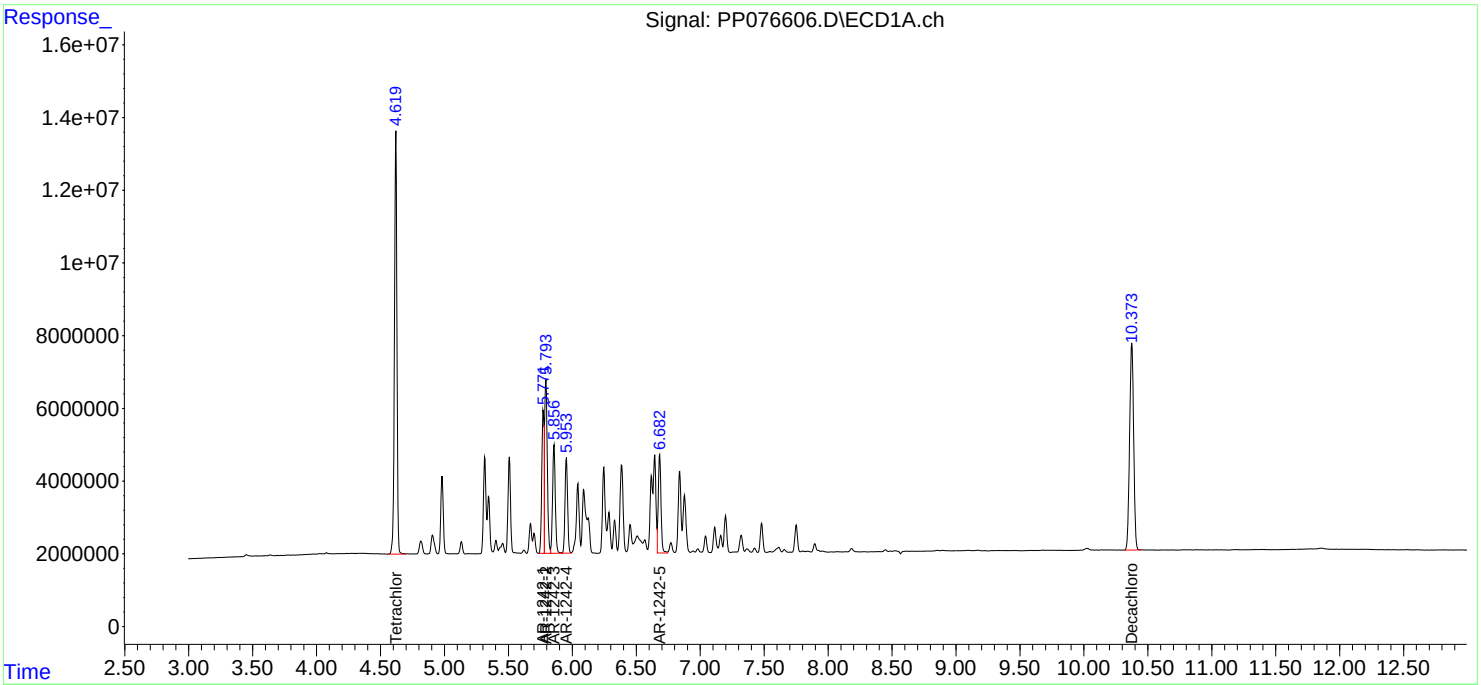
ICAL Form

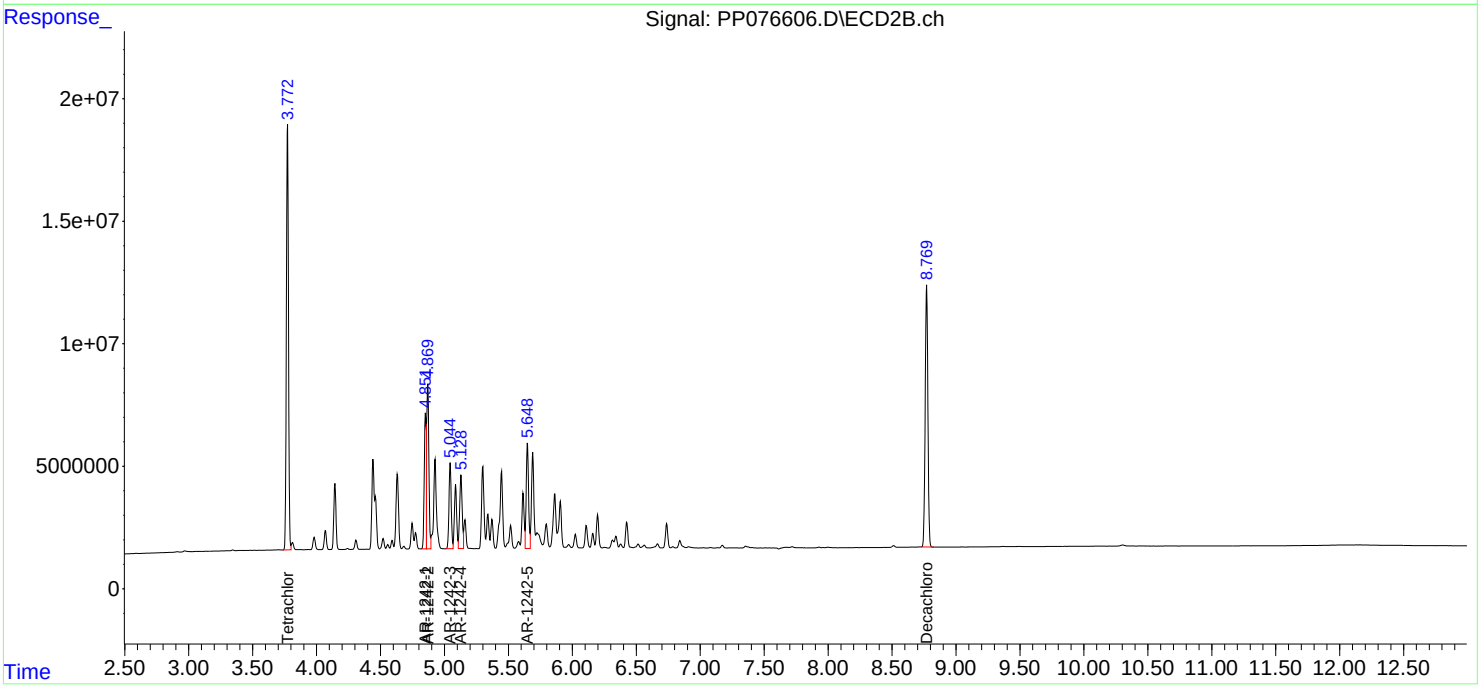
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076606.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:15
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:09:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:05:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:32
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:13:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:05:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.772	124.0E6	151.5E6	75.629	75.699
2)	SA Decachlor...	10.369	8.769	99852498	122.0E6	75.566	75.997
	Target Compounds						
16)	L4 AR-1242-1	5.769	4.851	37121666	43039649	753.871	753.383
17)	L4 AR-1242-2	5.790	4.869	55725203	64035892	750.804	756.245
18)	L4 AR-1242-3	5.853	5.044	35463193	33176474	750.061	752.237
19)	L4 AR-1242-4	5.950	5.128	29255134	31917211	748.490	750.552
20)	L4 AR-1242-5	6.679	5.648	32454906	41683157	753.823	748.696

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

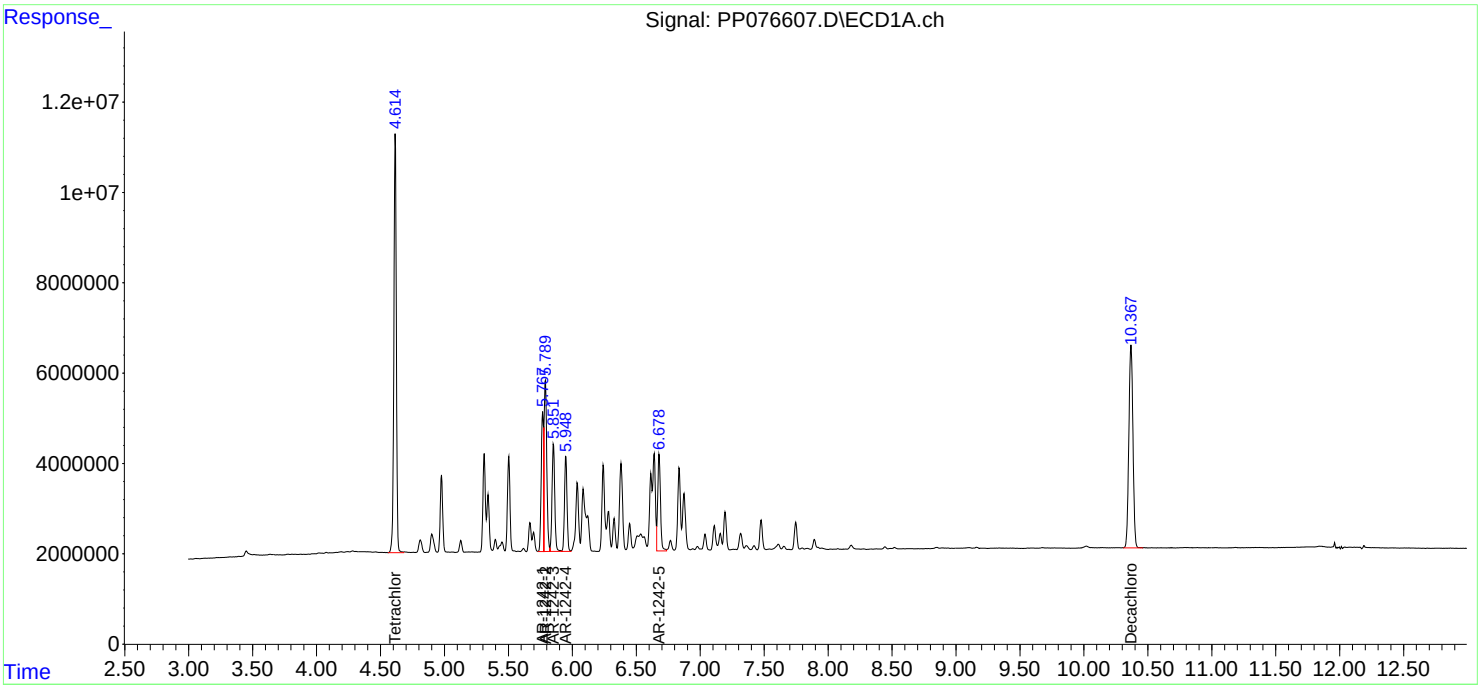
ICAL Form

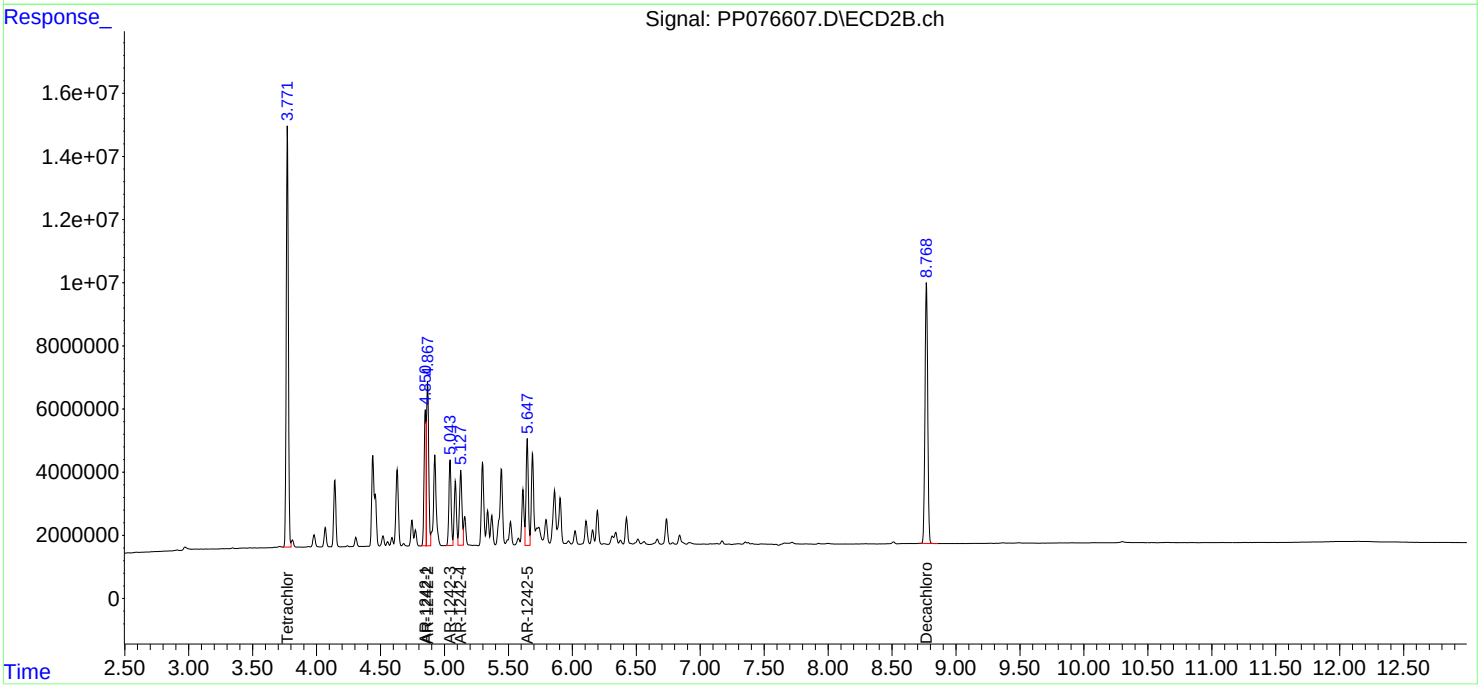
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076607.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:32
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:13:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:05:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:05:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.617	3.773	84630698	100.1E6	50.000	50.000
2)	SA Decachlor...	10.368	8.768	69093867	81412729	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.769	4.852	25704259	29076477	500.000	500.000
17)	L4 AR-1242-2	5.790	4.869	39217375	43177325	500.000	500.000
18)	L4 AR-1242-3	5.853	5.045	24976500	22561954	500.000	500.000
19)	L4 AR-1242-4	5.950	5.128	20639687	21999243	500.000	500.000
20)	L4 AR-1242-5	6.680	5.649	22753628	28276374	500.000	500.000

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

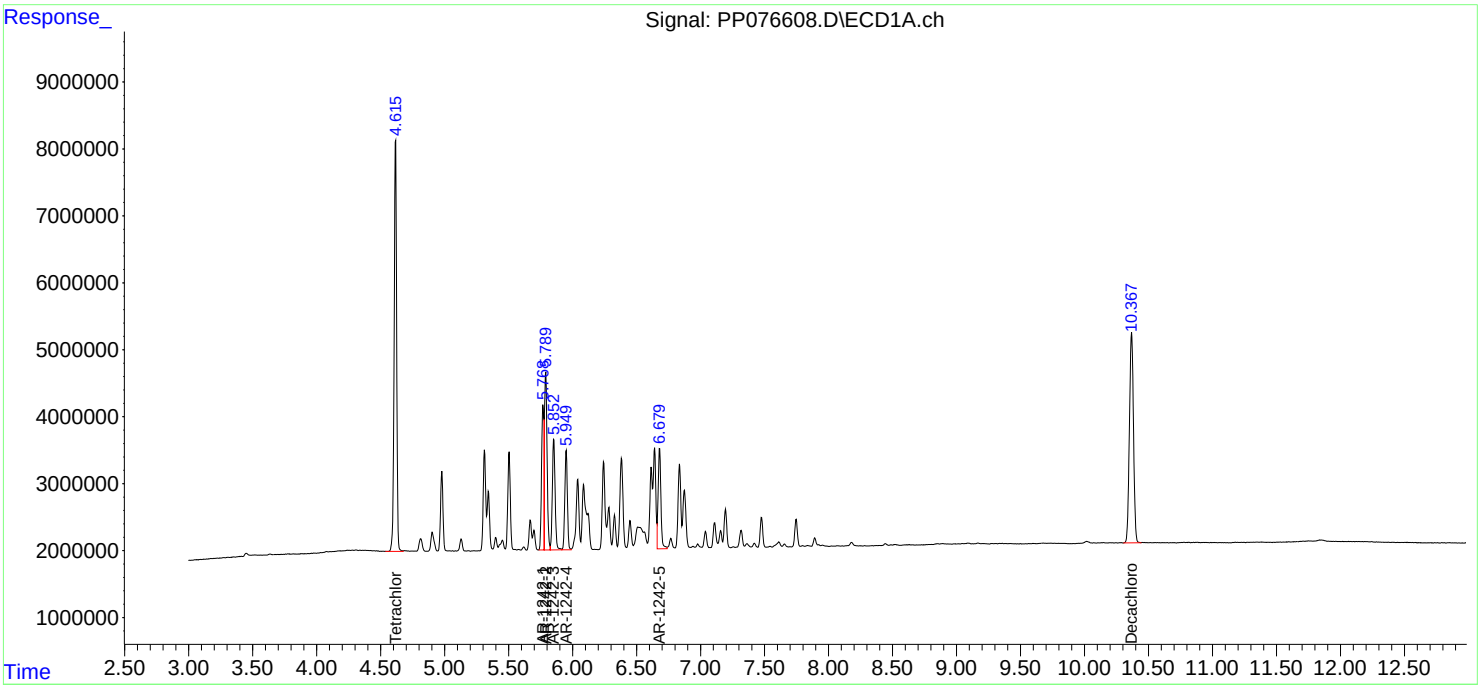
ICAL Form

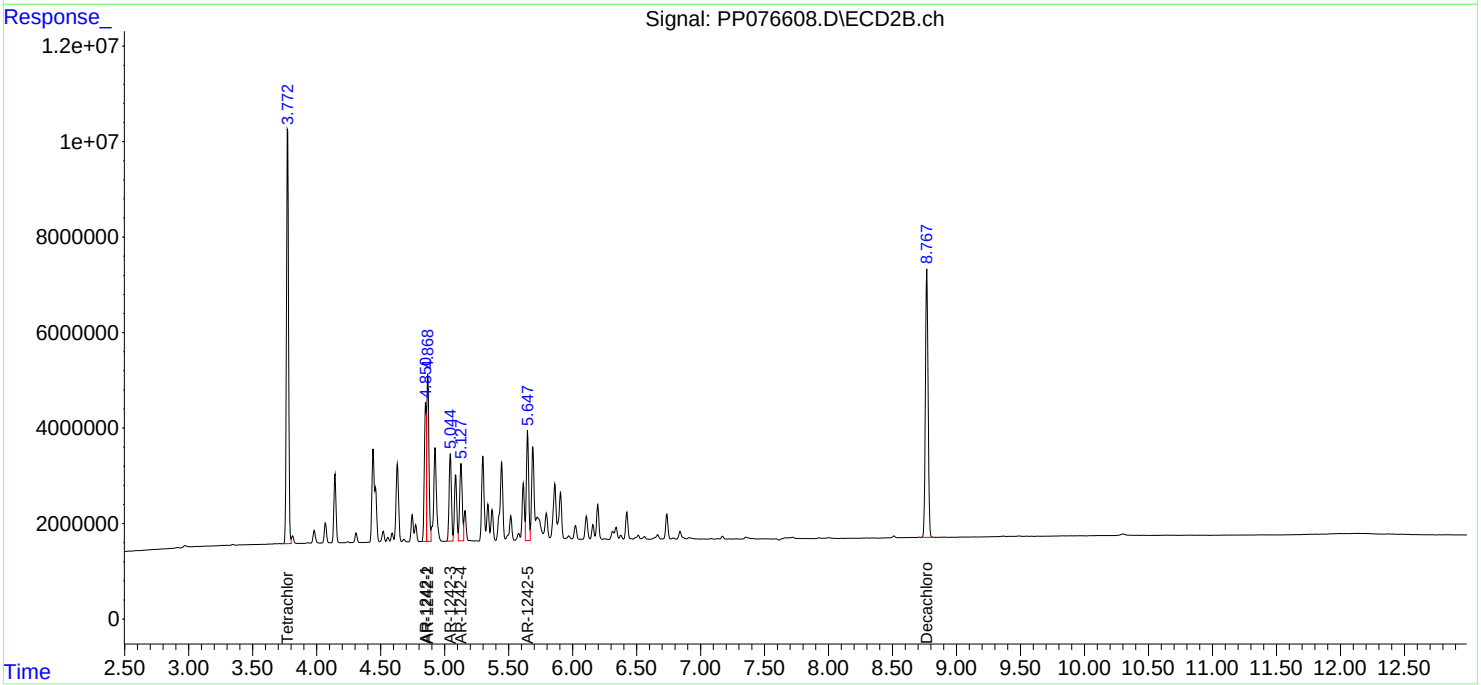
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076608.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 13:48
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:06:36 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:05:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:05
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:21:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:21:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.773	40988555	44671472	25.005	22.932
2)	SA Decachlor...	10.368	8.768	34481353	38497113	25.812	24.225
	Target Compounds						
16)	L4 AR-1242-1	5.769	4.852	12950505	13326699	259.625	237.243
17)	L4 AR-1242-2	5.790	4.869	19119679	20035853	255.661	239.827
18)	L4 AR-1242-3	5.852	5.044	12396471	10513023	259.033	241.175
19)	L4 AR-1242-4	5.949	5.128	10324539	10473116	260.466	247.201
20)	L4 AR-1242-5	6.679	5.648	11793135	13605947	267.518	245.765

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

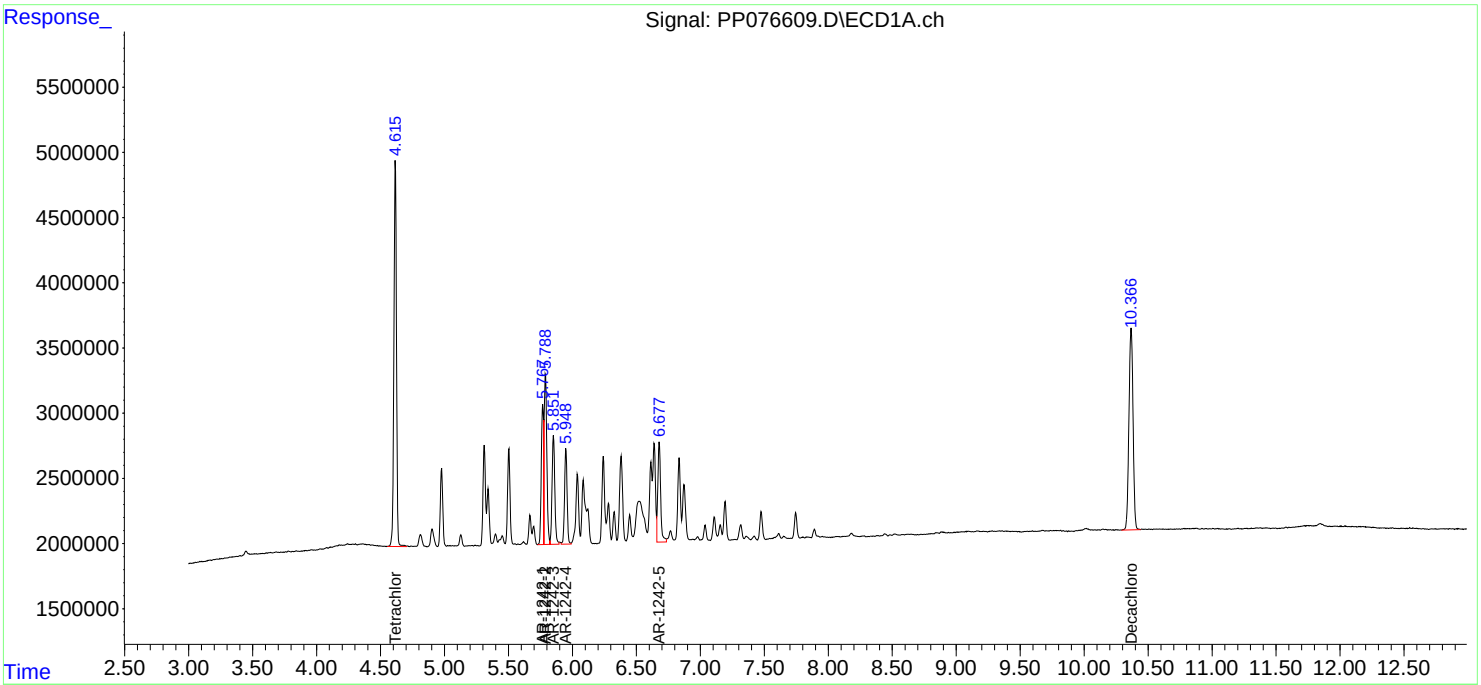
ICAL Form

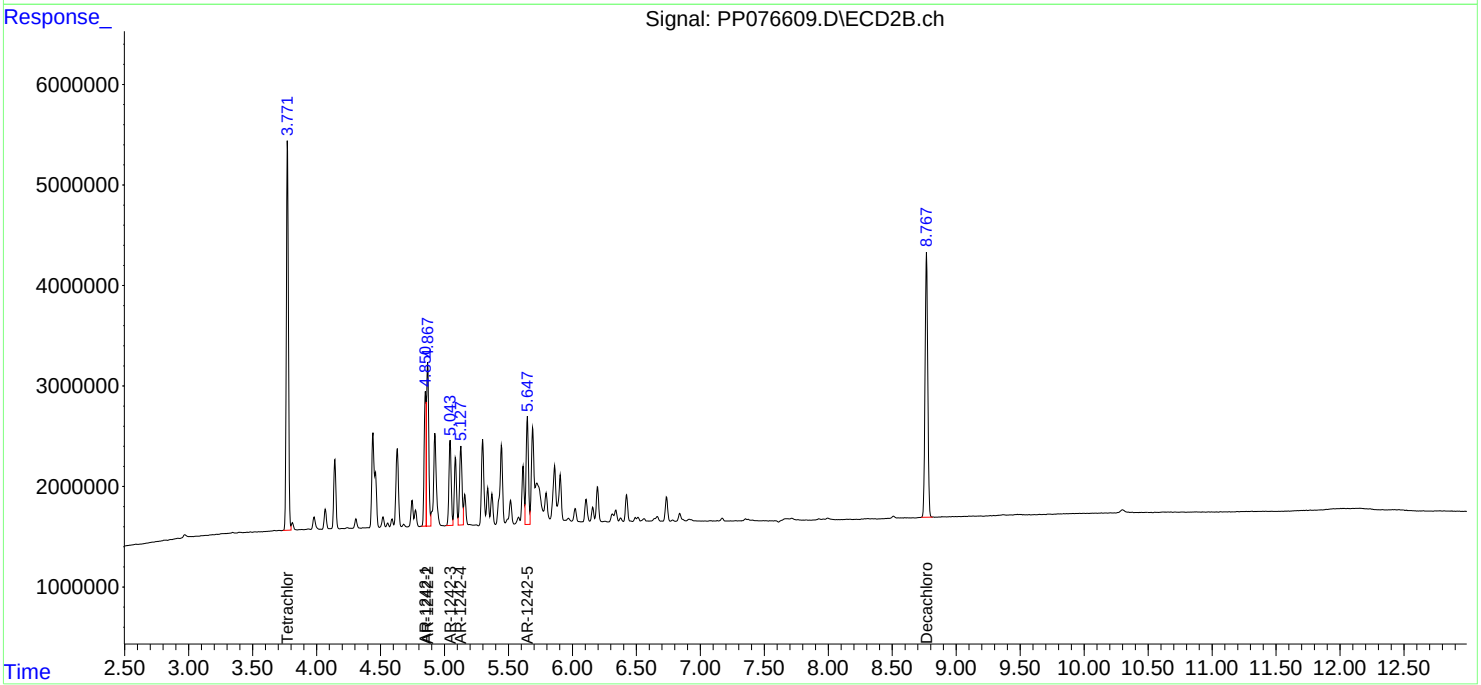
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076609.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:05
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:21:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:21:16 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:38:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:38:21 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...	4.616	3.773	9523465	9540367	5.628	4.918
2)	SA Decachlor...	10.366	8.768	8002117	8577826	5.762	5.313
	Target Compounds						
16)	L4 AR-1242-1	5.768	4.852	3006838	3138814	57.899	54.594
17)	L4 AR-1242-2	5.790	4.869	4467111	4362121	57.494	51.756
18)	L4 AR-1242-3	5.852	5.045	3007646	2291968	59.775	52.042
19)	L4 AR-1242-4	5.949	5.128	2467516	2339068	59.342	54.083
20)	L4 AR-1242-5	6.678	5.648	2740092	3508261	59.452m	60.153

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076610.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:21
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

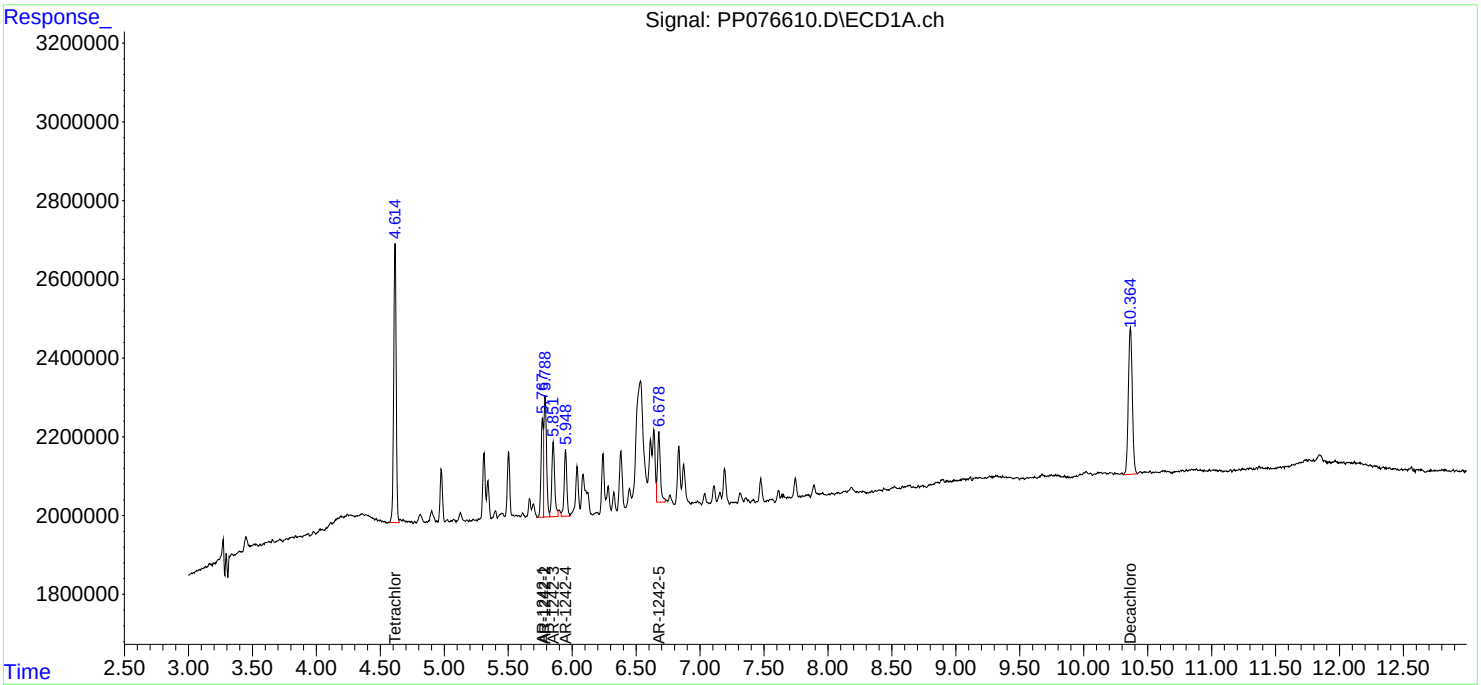
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

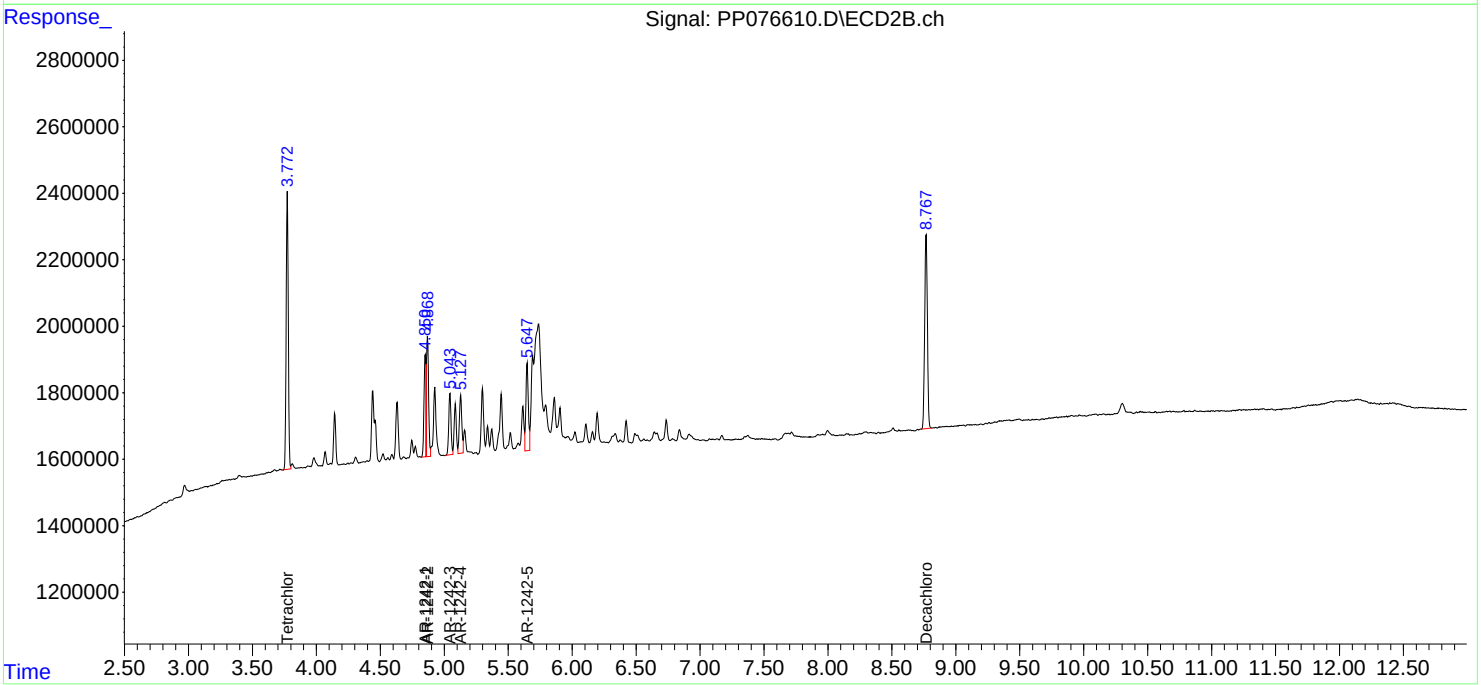
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 14:38:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 14:38:21 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:54
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 15:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.773	157.4E6	196.5E6	96.953	99.317
2)	SA Decachlor...	10.367	8.768	124.9E6	150.2E6	94.860	97.215
	Target Compounds						
21)	L5 AR-1248-1	5.768	4.852	36073269	41569992	939.598	968.195
22)	L5 AR-1248-2	6.039	5.086	50000146	54299284	943.452	961.651
23)	L5 AR-1248-3	6.242	5.128	55566335	57411768	945.137	966.585
24)	L5 AR-1248-4	6.640	5.299	64403994	68531642	943.643	969.821
25)	L5 AR-1248-5	6.679	5.690	63599425	72351458	939.728	905.161

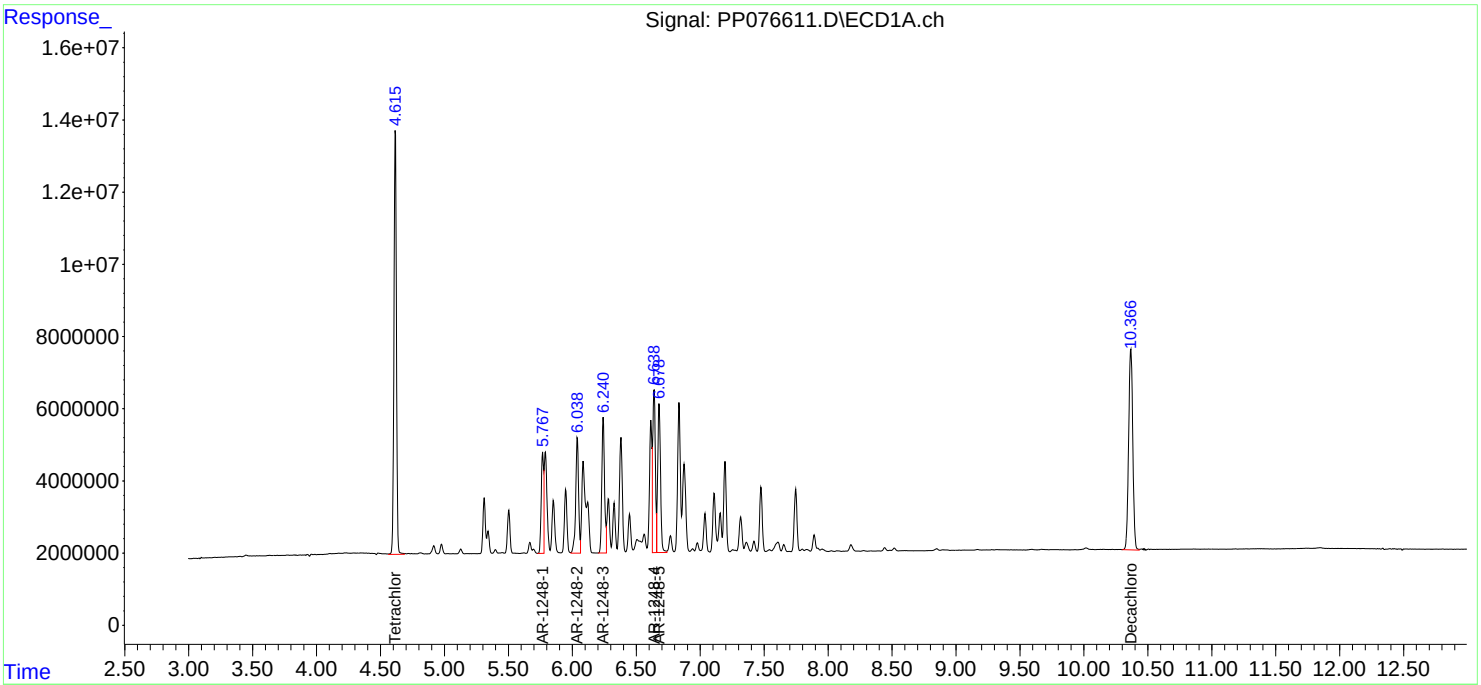
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

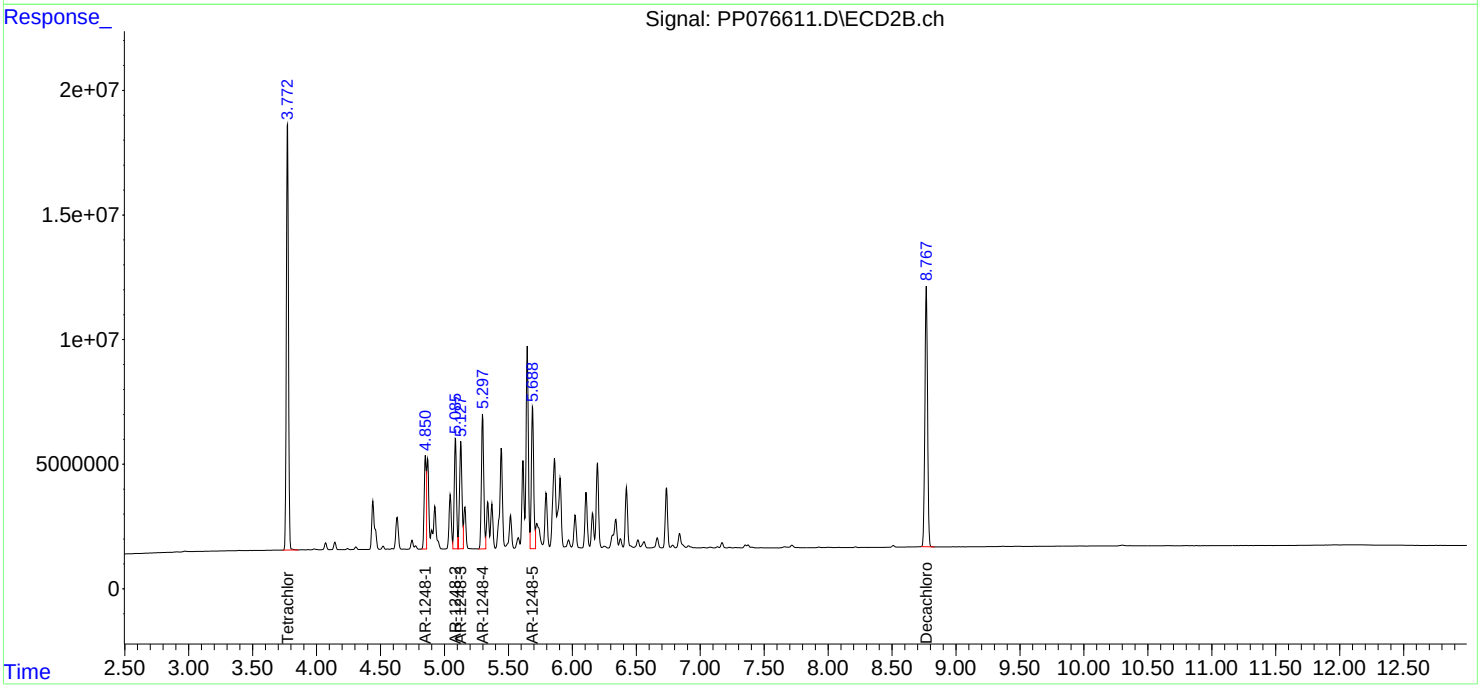
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076611.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 14:54
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 15:58:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:10
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:00:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.615	3.772	121.4E6	147.8E6	74.847	74.781
2)	SA Decachlor...	10.367	8.767	96905313	114.6E6	74.042	74.432
	Target Compounds						
21)	L5 AR-1248-1	5.767	4.850	28451111	31860190	744.019	744.679
22)	L5 AR-1248-2	6.038	5.085	39650514	41802899	748.776	743.530
23)	L5 AR-1248-3	6.240	5.127	43525806	44101904	743.531	744.983
24)	L5 AR-1248-4	6.639	5.298	50845203	52494926	746.646	745.237
25)	L5 AR-1248-5	6.678	5.688	49987351	55587544	742.361	712.719

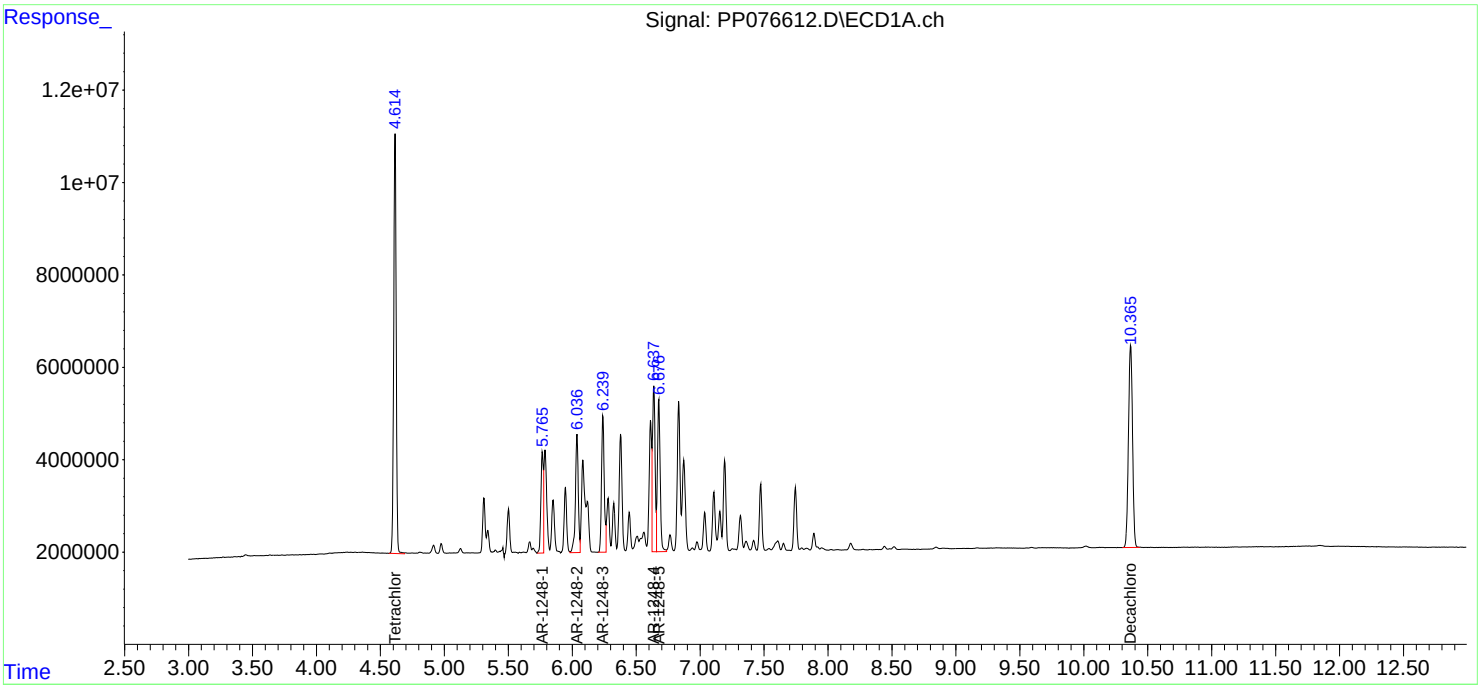
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

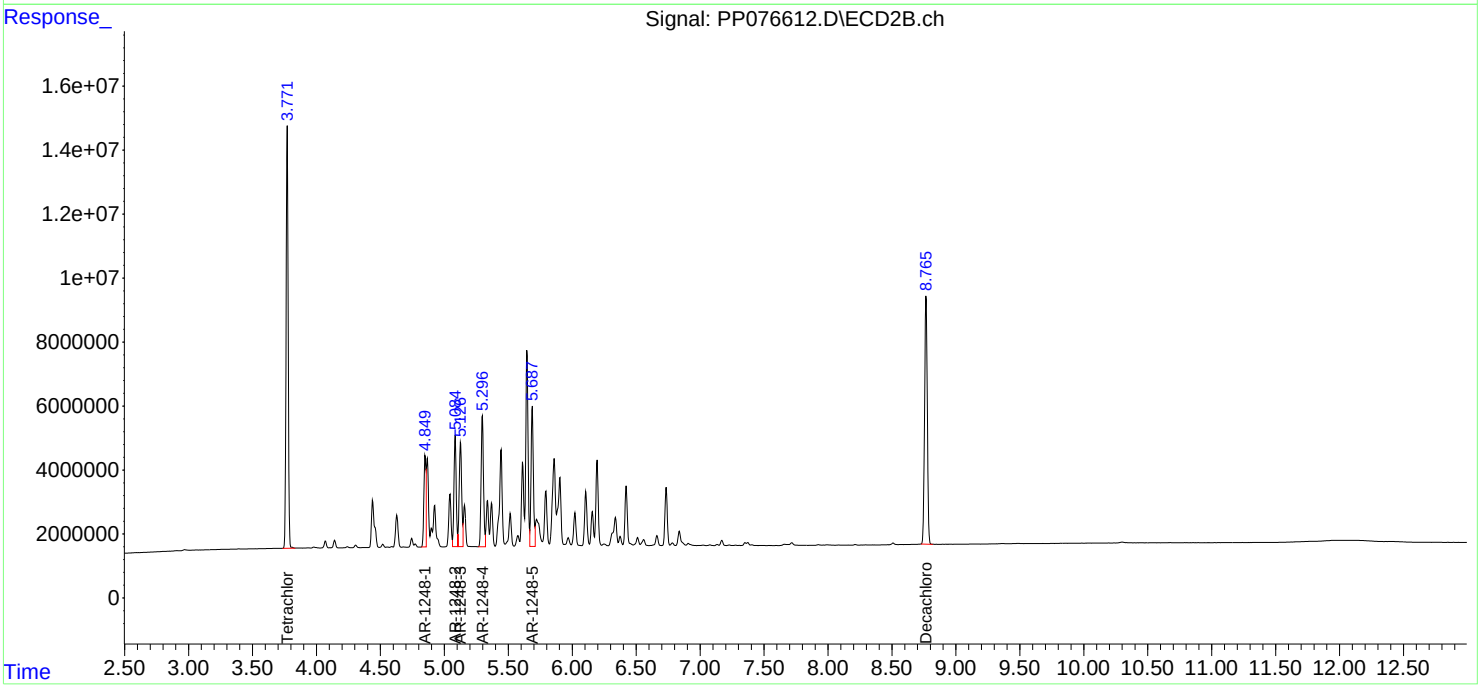
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076612.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:10
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:00:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:32
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 15:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.625	3.776	83661134	99614074	50.000	50.000
2)	SA Decachlor...	10.379	8.774	69242892	79429143	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	5.777	4.856	20355600	22150575	500.000	500.000
22)	L5 AR-1248-2	6.048	5.091	27996935	29315023	500.000	500.000
23)	L5 AR-1248-3	6.251	5.133	31008674	30690642	500.000	500.000
24)	L5 AR-1248-4	6.649	5.303	36048381	36398365	500.000	500.000
25)	L5 AR-1248-5	6.688	5.694	35878867	43756396	500.000	500.000

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

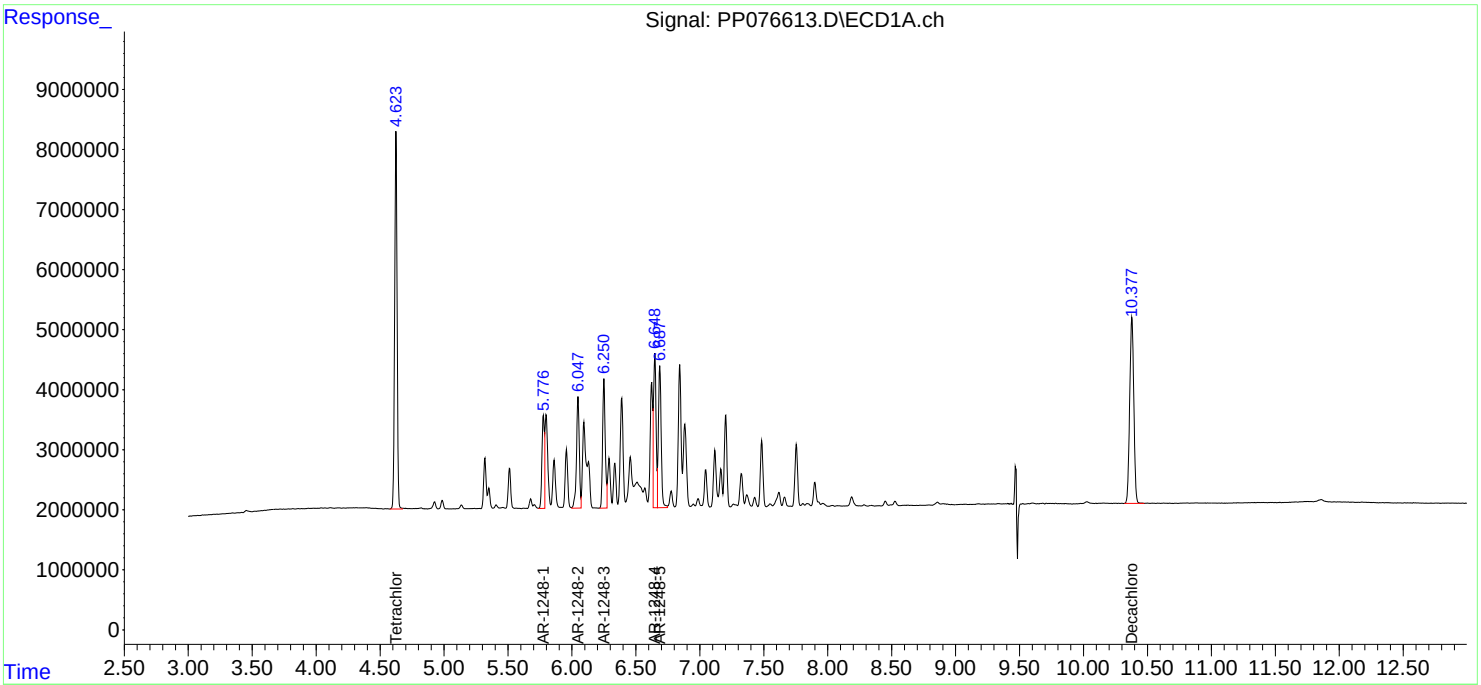
ICAL Form

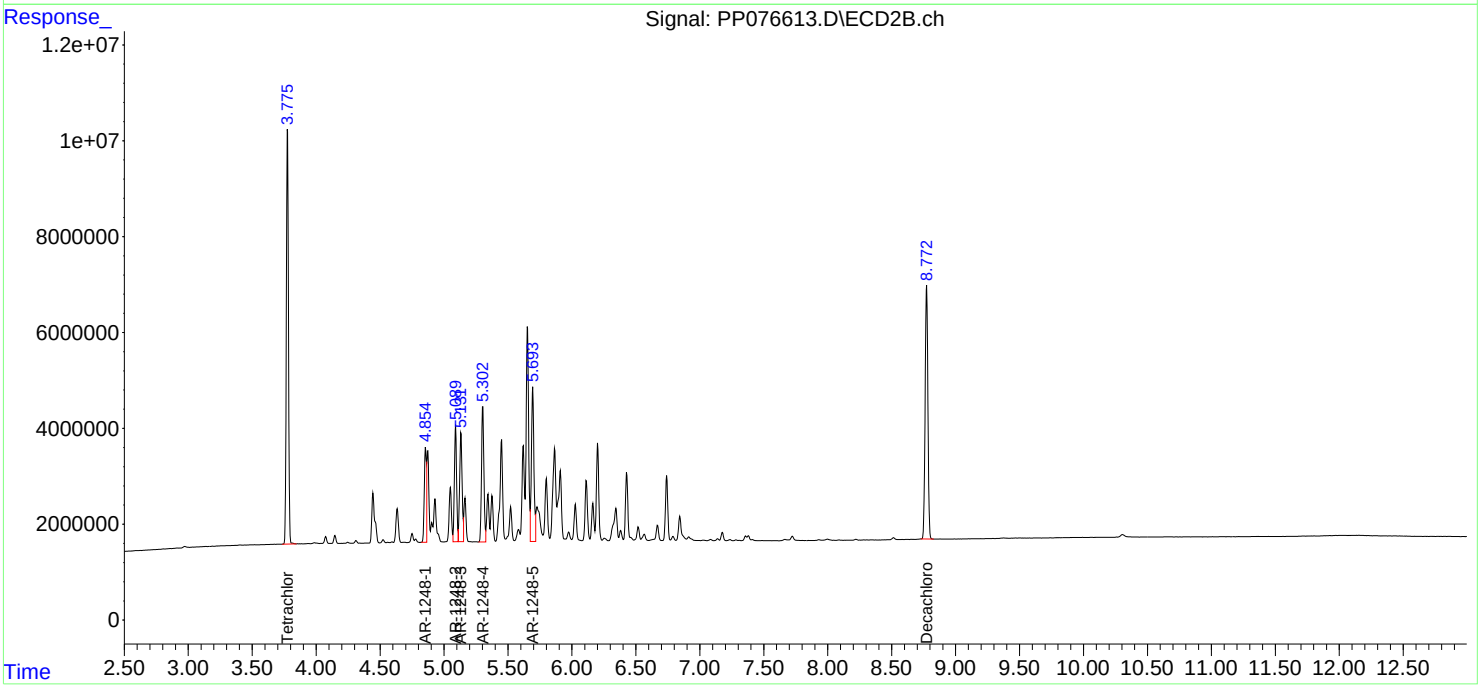
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076613.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:32
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 15:54:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:49
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:03:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.772	45290404	50562569	27.129	25.440
2)	SA Decachlor...	10.367	8.768	38211507	42415770	28.020	26.864
	Target Compounds						
21)	L5 AR-1248-1	5.768	4.851	11112883	11813441	279.269	269.091
22)	L5 AR-1248-2	6.039	5.086	15483158	15673628	280.500	270.981
23)	L5 AR-1248-3	6.242	5.128	17079502	16557871	280.065	271.633
24)	L5 AR-1248-4	6.640	5.298	20395459	19568442	285.375	270.287
25)	L5 AR-1248-5	6.679	5.689	20806488	21885044	291.782	272.269

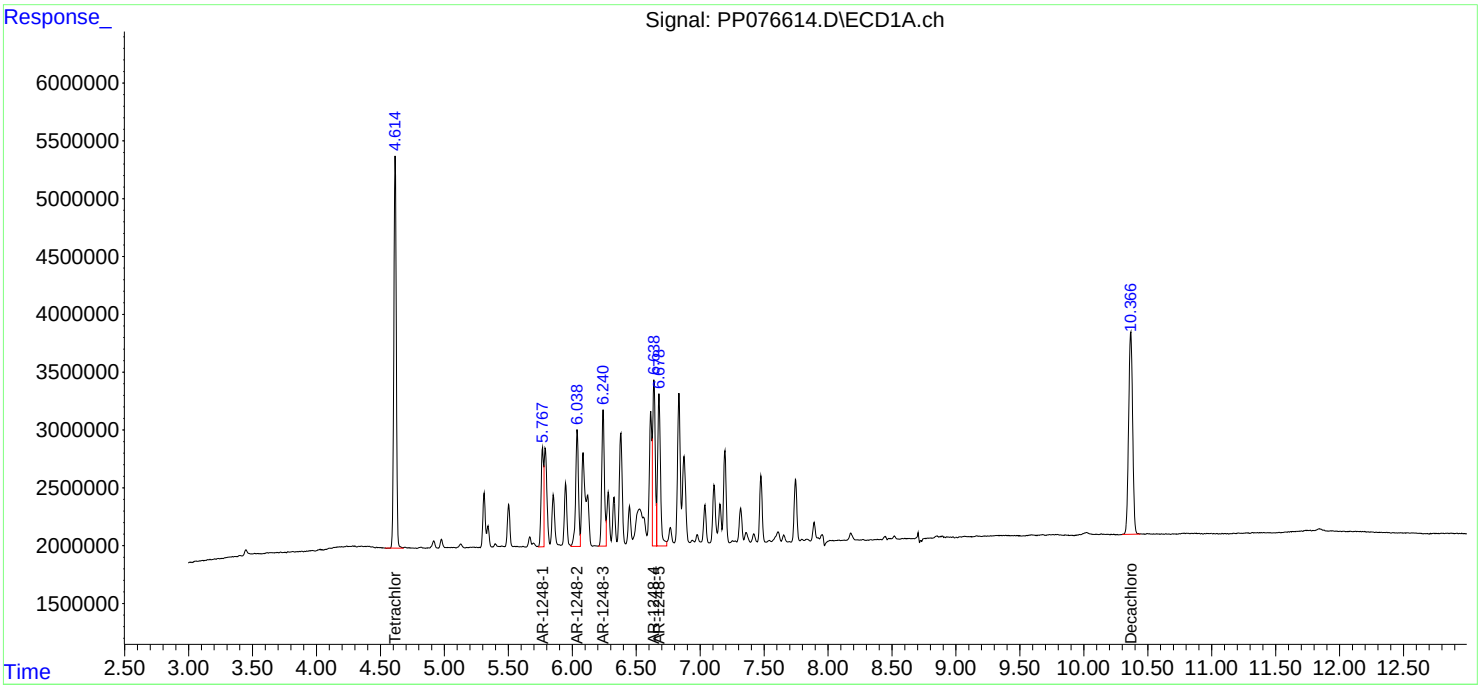
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

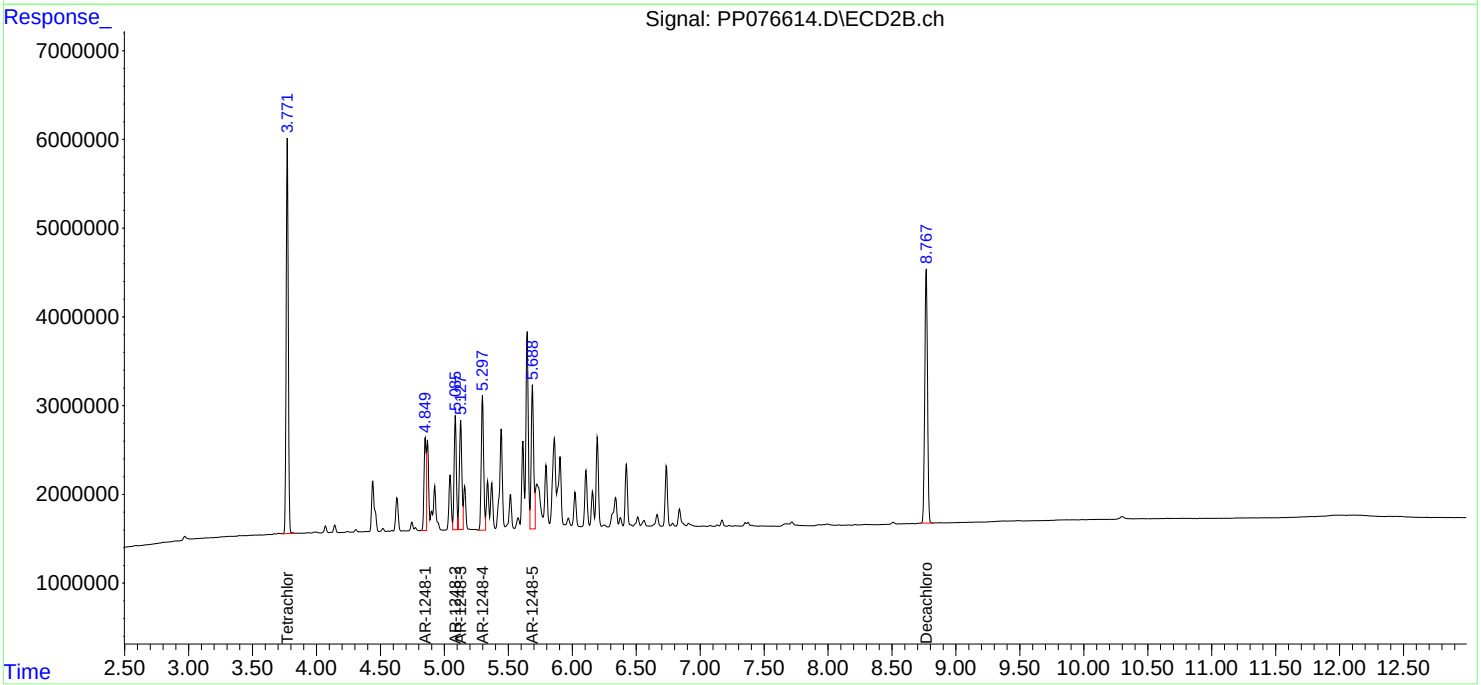
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076614.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 15:49
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:03:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 15:53:30 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:05
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 16:39:10 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...	4.616	3.773	8926415	8933050	5.274	4.587
2)	SA Decachlor...	10.366	8.769	7118485	8038748	5.286m	5.073
	Target Compounds						
21)	L5 AR-1248-1	5.769	4.852	2156360	2238744	53.297	50.793
22)	L5 AR-1248-2	6.040	5.087	3057510	2988863	54.222	51.331
23)	L5 AR-1248-3	6.243	5.129	3382089	3154670	54.274	51.392
24)	L5 AR-1248-4	6.639	5.299	4242611	3816501	57.658m	52.149
25)	L5 AR-1248-5	6.679	5.690	3916860	4964015	53.845m	57.408m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076615.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:05
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

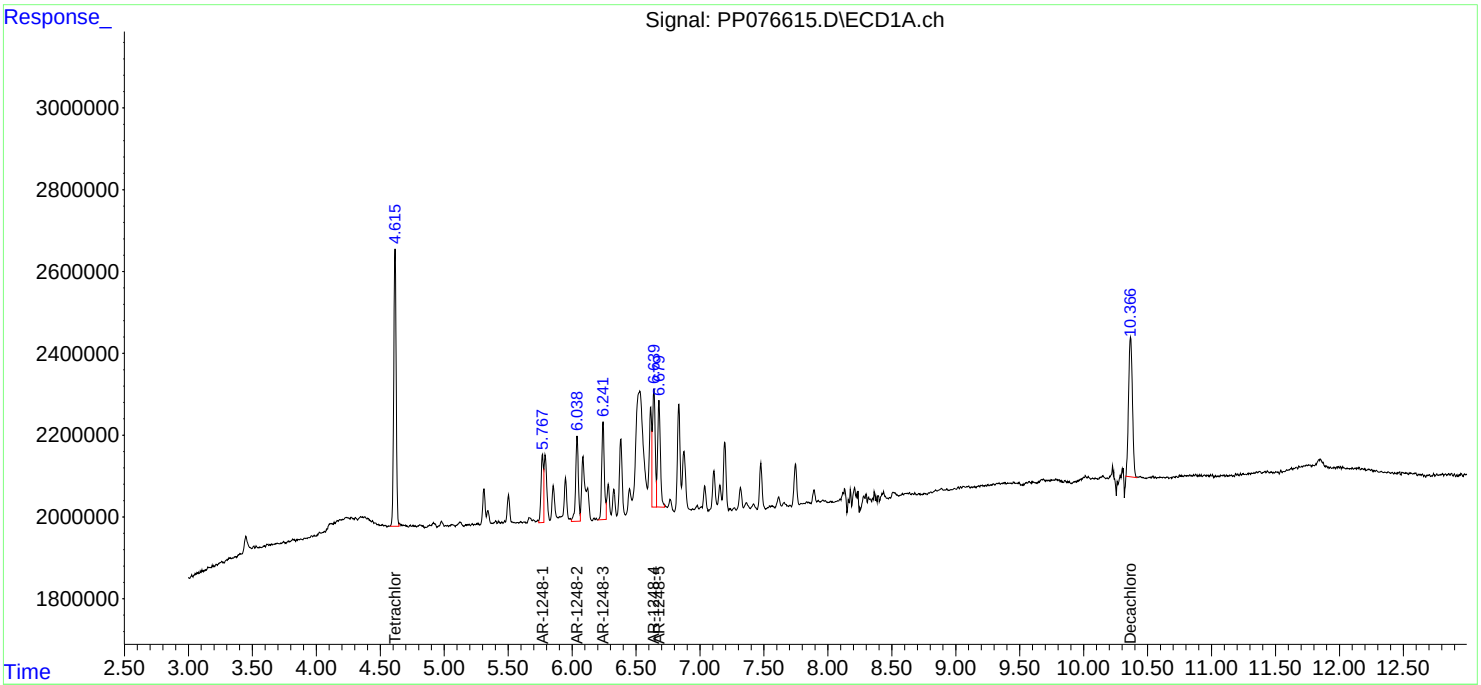
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

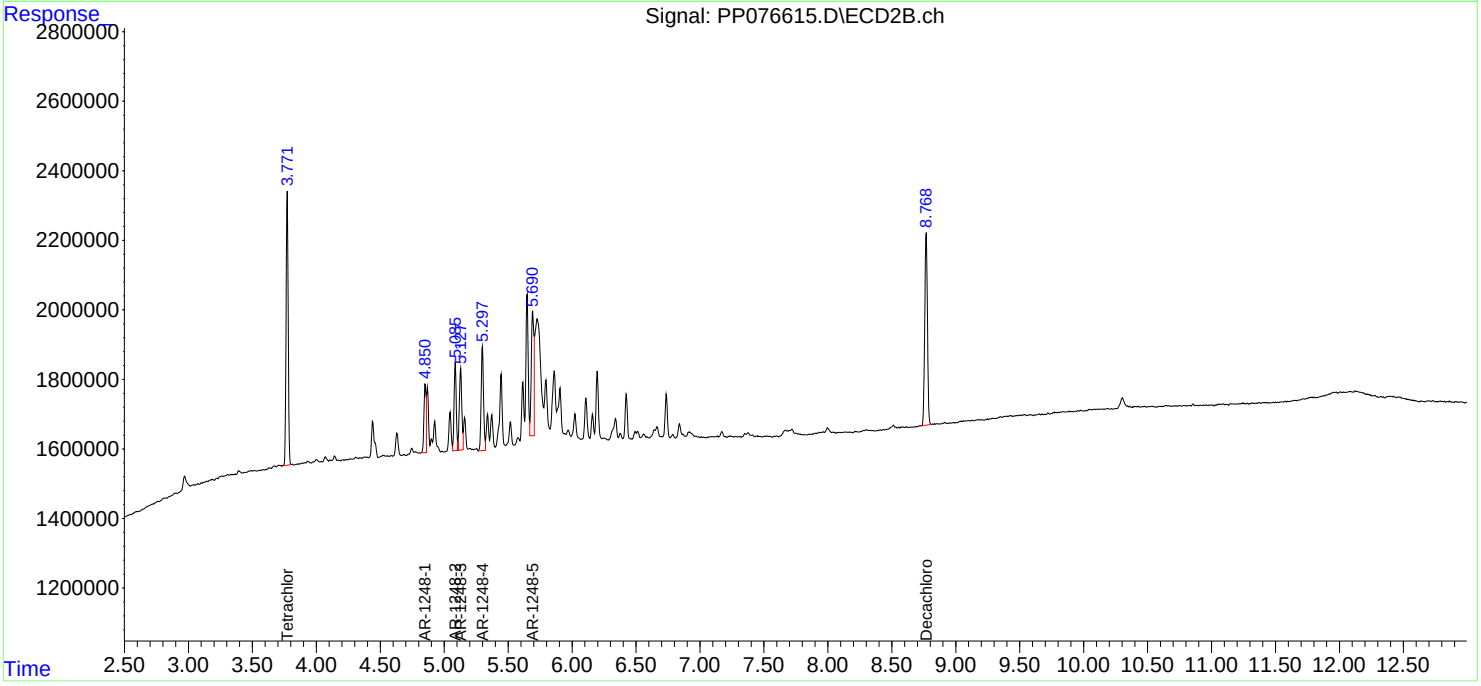
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 16:39:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 16:39:10 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:38
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:08:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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...	4.615	3.772	158.7E6	198.5E6	91.699	96.929
2)	SA Decachlor...	10.366	8.767	127.1E6	154.2E6	88.727	93.318
	Target Compounds						
26)	L6 AR-1254-1	6.614	5.648	71656435	108.4E6	922.934m	927.413
27)	L6 AR-1254-2	6.832	5.795	95196281	93680624	878.283	906.510
28)	L6 AR-1254-3	7.194	6.196	102.4E6	152.8E6	889.270	936.840
29)	L6 AR-1254-4	7.475	6.423	78180335	96670996	888.693	930.885
30)	L6 AR-1254-5	7.890	6.839	84891224	131.5E6	910.462m	935.078

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076616.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:38
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

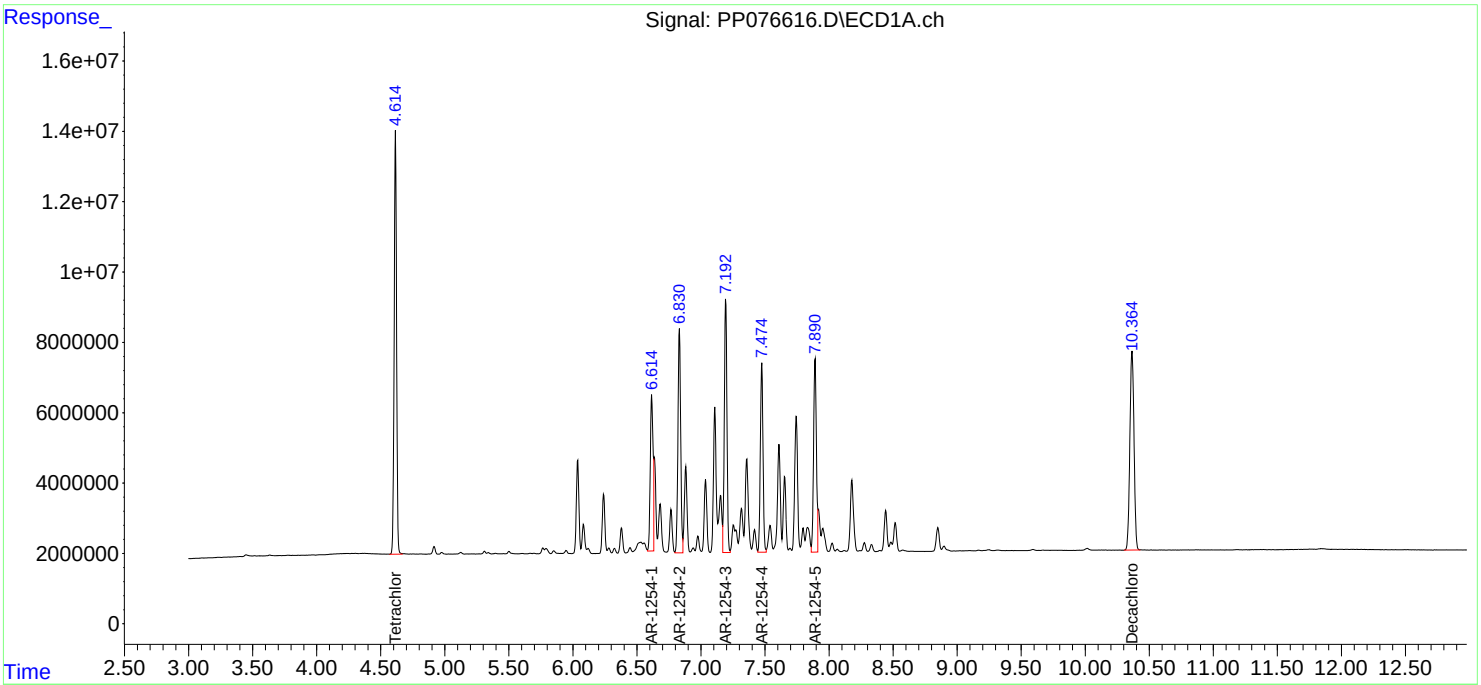
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

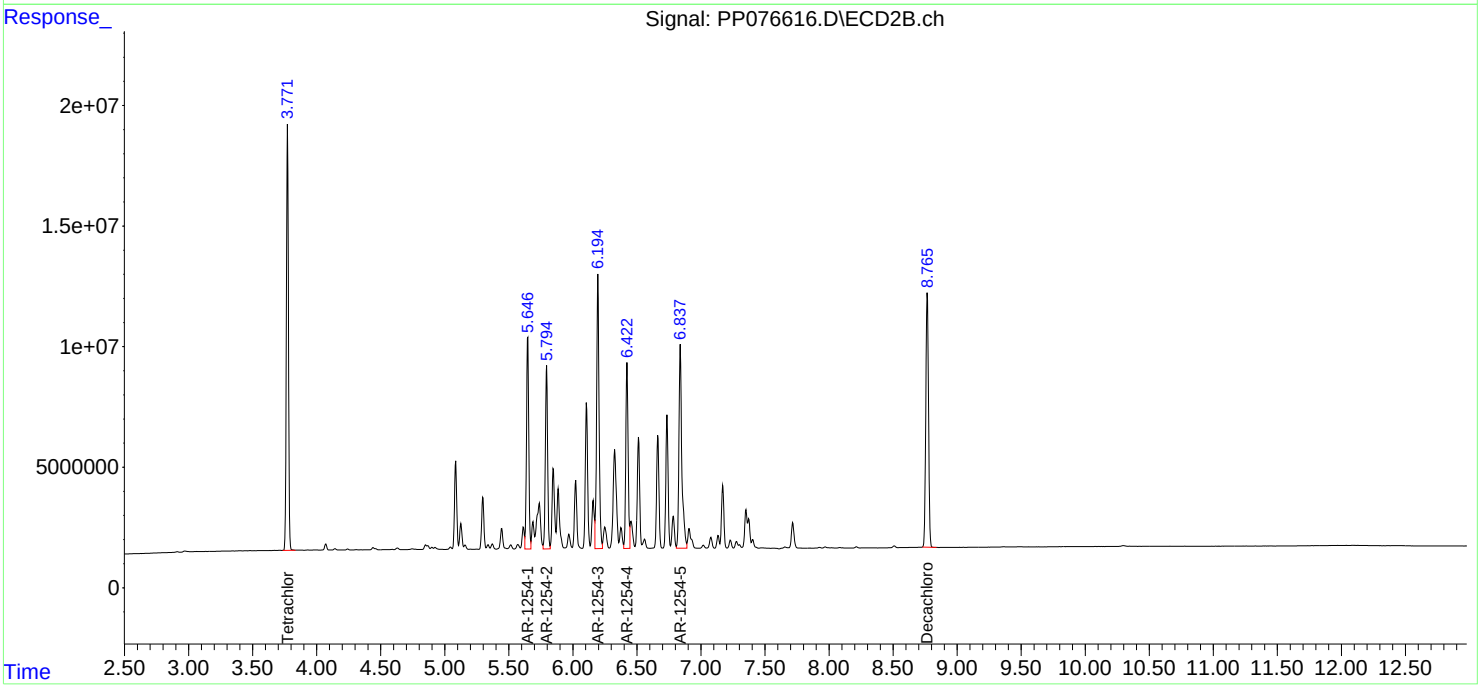
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:08:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:55
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:09:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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...	4.618	3.776	124.2E6	152.0E6	71.753	74.185
2)	SA Decachlor...	10.369	8.771	101.5E6	120.3E6	70.863	72.823
	Target Compounds						
26)	L6 AR-1254-1	6.618	5.651	54821101	84112668	706.095m	719.783
27)	L6 AR-1254-2	6.835	5.799	75355846	73333233	695.235	709.616
28)	L6 AR-1254-3	7.197	6.199	80955912	118.1E6	703.048	723.935
29)	L6 AR-1254-4	7.479	6.426	61613183	75311212	700.371	725.202
30)	L6 AR-1254-5	7.893	6.842	66917808	102.0E6	717.697m	725.729

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 16:55
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

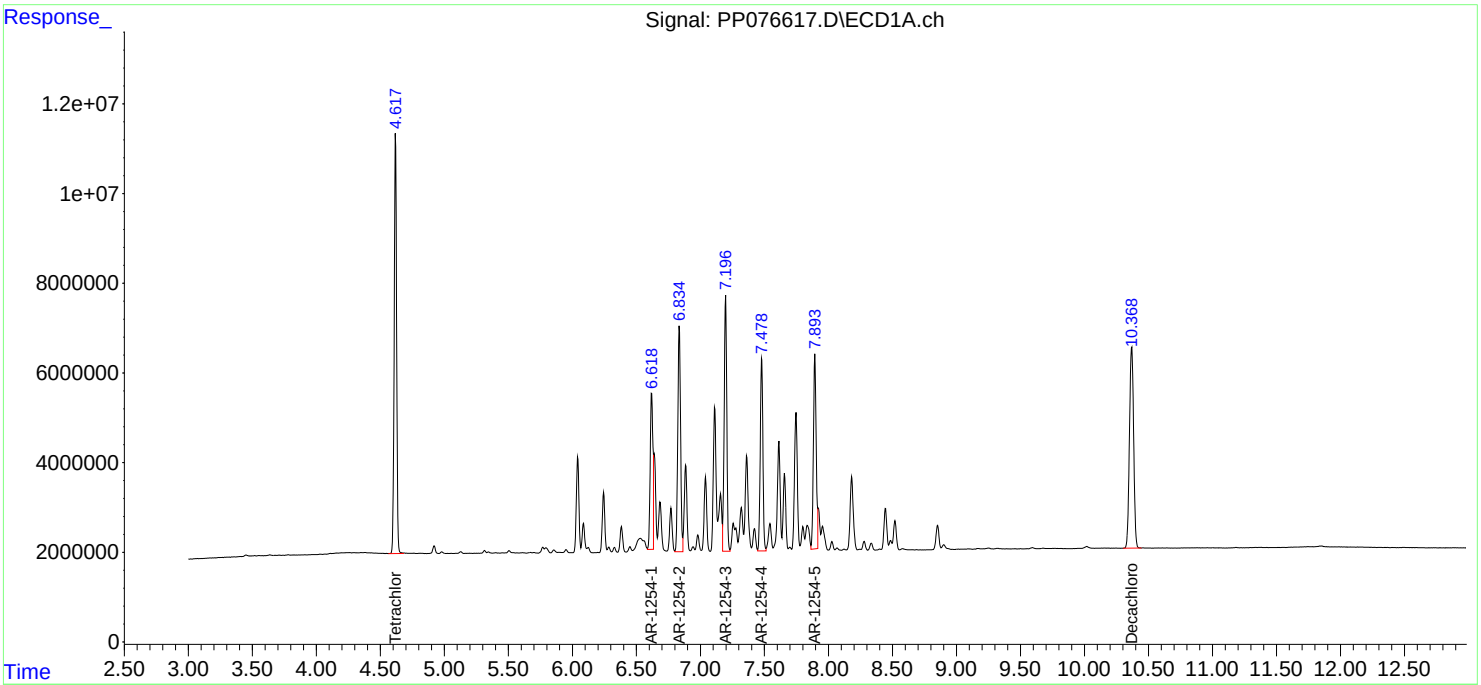
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

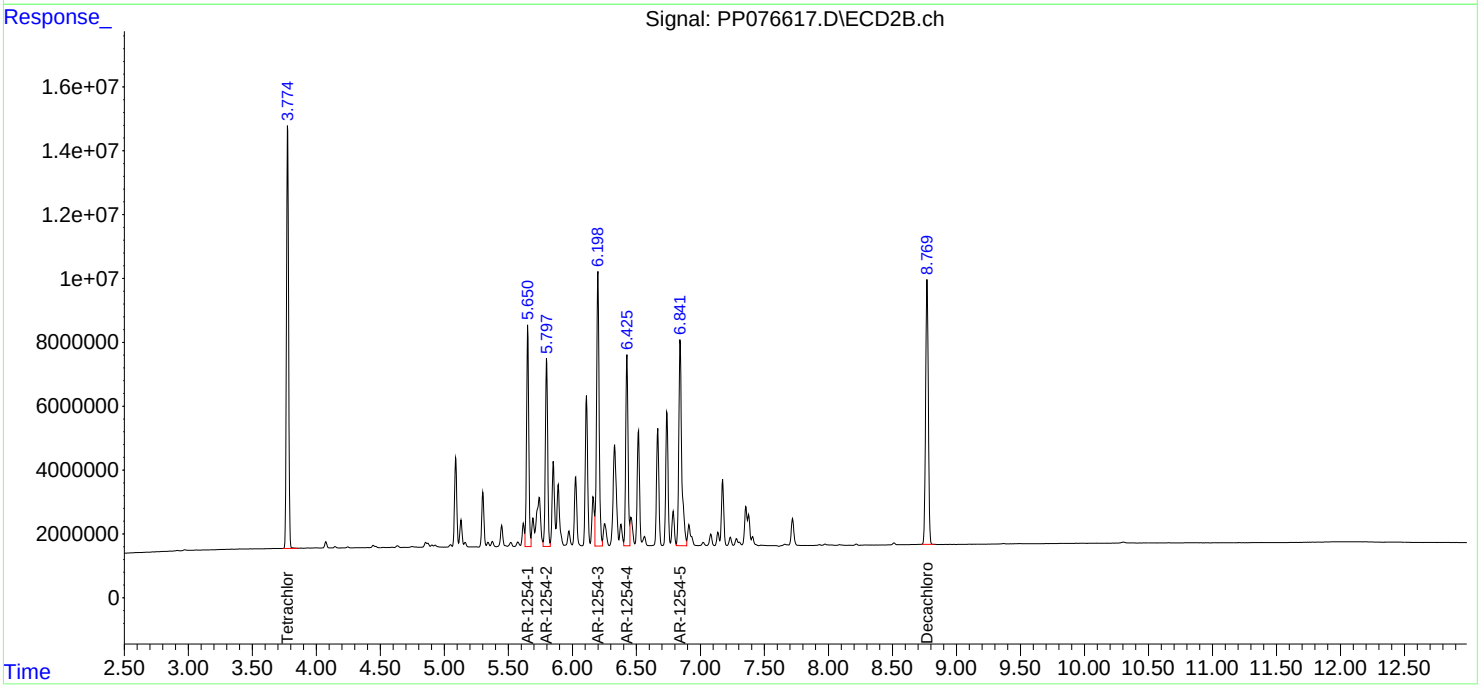
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:09:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:11
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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...	4.617	3.774	86558628	102.4E6	50.000	50.000
2)	SA Decachlor...	10.367	8.769	71645729	82606306	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	6.616	5.650	38419799	58429202	494.846m	500.000
27)	L6 AR-1254-2	6.833	5.797	54194535	51671038	500.000	500.000
28)	L6 AR-1254-3	7.195	6.198	57574950	81577453	500.000	500.000
29)	L6 AR-1254-4	7.477	6.425	43986115	51924268	500.000	500.000
30)	L6 AR-1254-5	7.891	6.841	47177732	70295928	505.983m	500.000

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076618.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:11
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

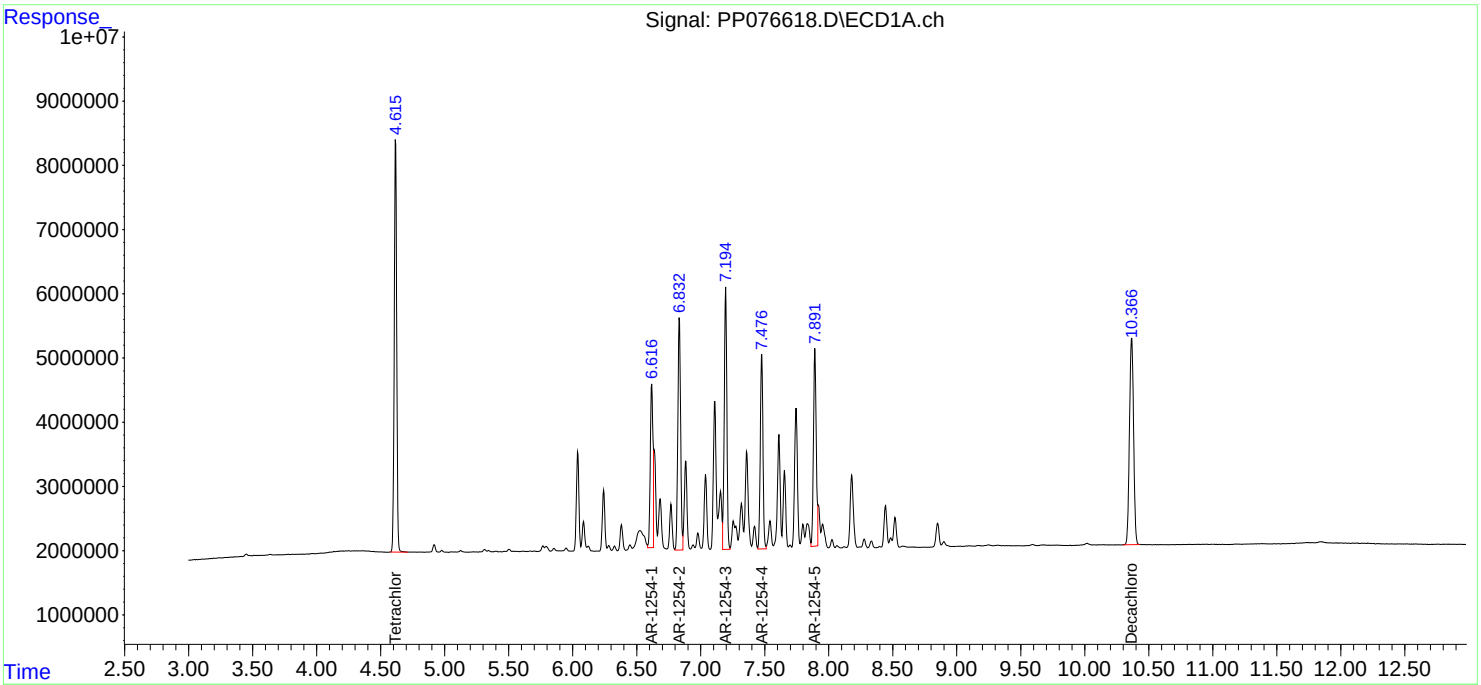
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

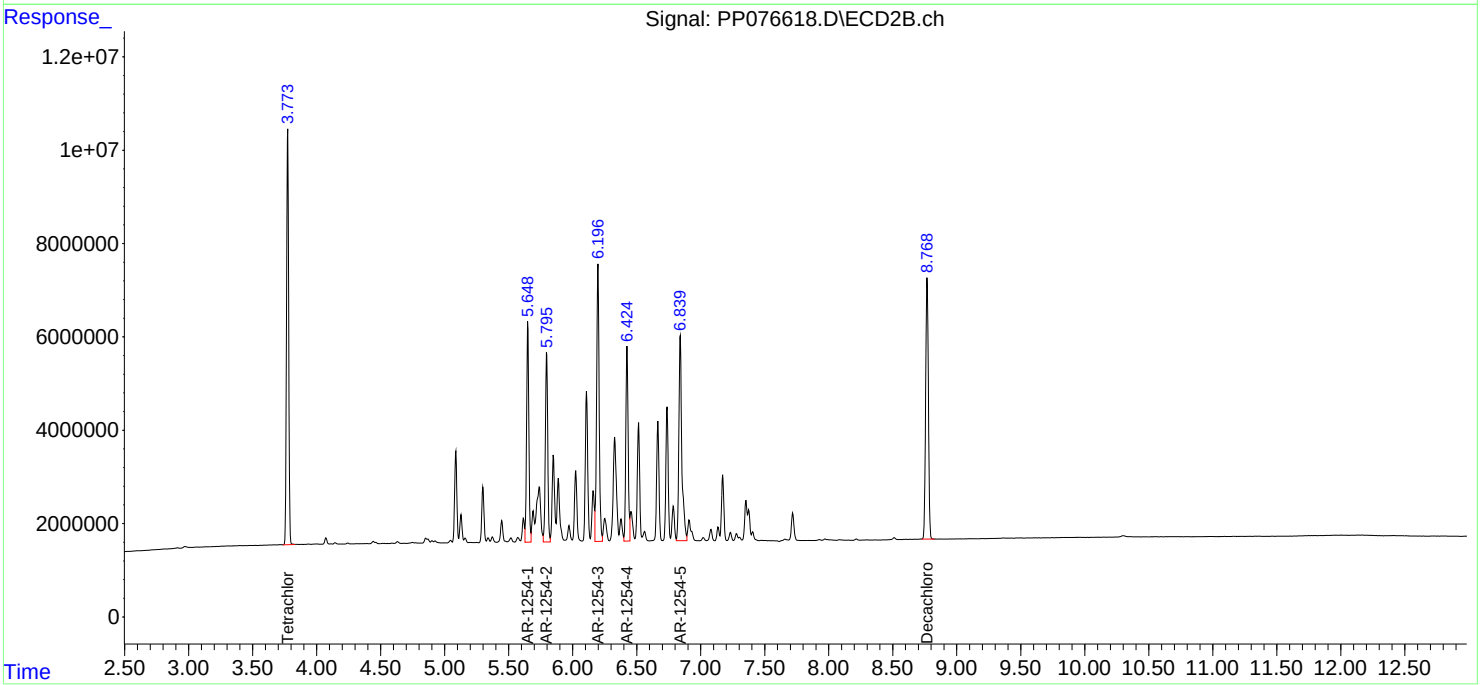
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:09:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:28
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:09:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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...	4.614	3.771	45784856	51021074	26.447	24.909
2)	SA Decachlor...	10.364	8.766	39451068	43478926	27.532	26.317
	Target Compounds						
26)	L6 AR-1254-1	6.613	5.647	20979062	30728557	270.210m	262.955
27)	L6 AR-1254-2	6.831	5.795	29904185	27995910	275.897	270.905
28)	L6 AR-1254-3	7.193	6.195	31642699	42119020	274.796	258.154
29)	L6 AR-1254-4	7.474	6.423	24064442	26973588	273.546	259.740
30)	L6 AR-1254-5	7.889	6.838	24786296	36481265	265.834m	259.483

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076619.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:28
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

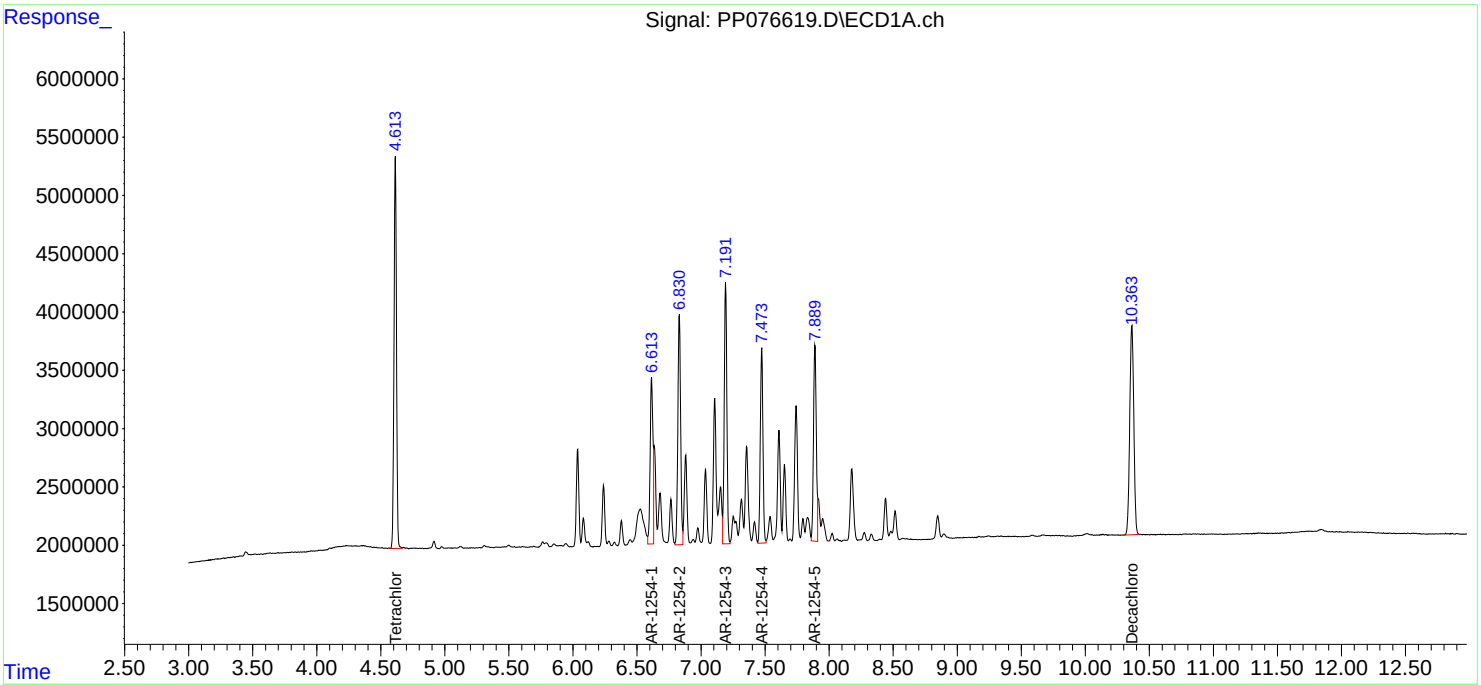
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

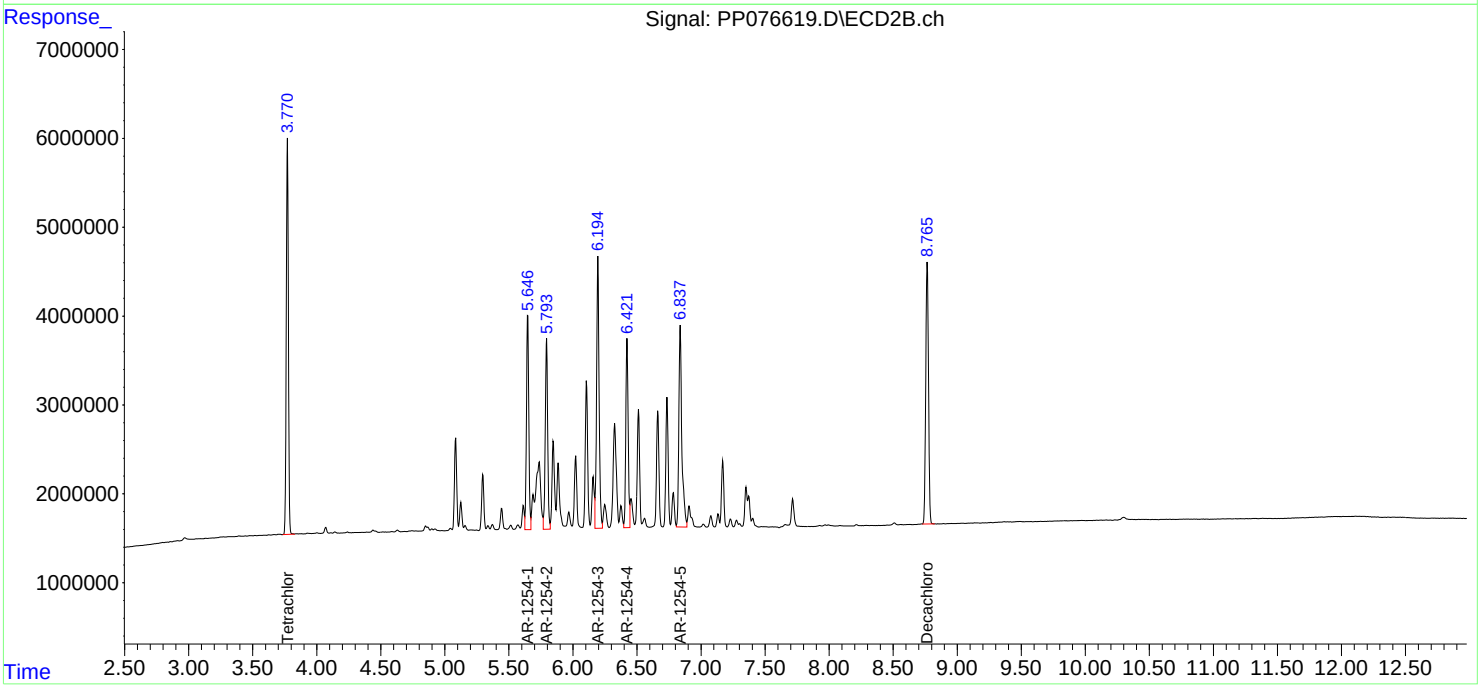
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:09:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:44
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:10:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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...	4.618	3.776	9890944	9833335	5.713	4.801
2)	SA Decachlor...	10.369	8.771	8468852	9084187	5.910	5.498
	Target Compounds						
26)	L6 AR-1254-1	6.617	5.651	4779412	6545312	61.559m	56.011m
27)	L6 AR-1254-2	6.835	5.798	6998031	6691878	64.564	64.755m
28)	L6 AR-1254-3	7.197	6.200	7433224	8948489	64.553	54.847
29)	L6 AR-1254-4	7.479	6.427	5301490	5506776	60.263	53.027
30)	L6 AR-1254-5	7.893	6.843	5817827	7492427	62.396m	53.292

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076620.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 17:44
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

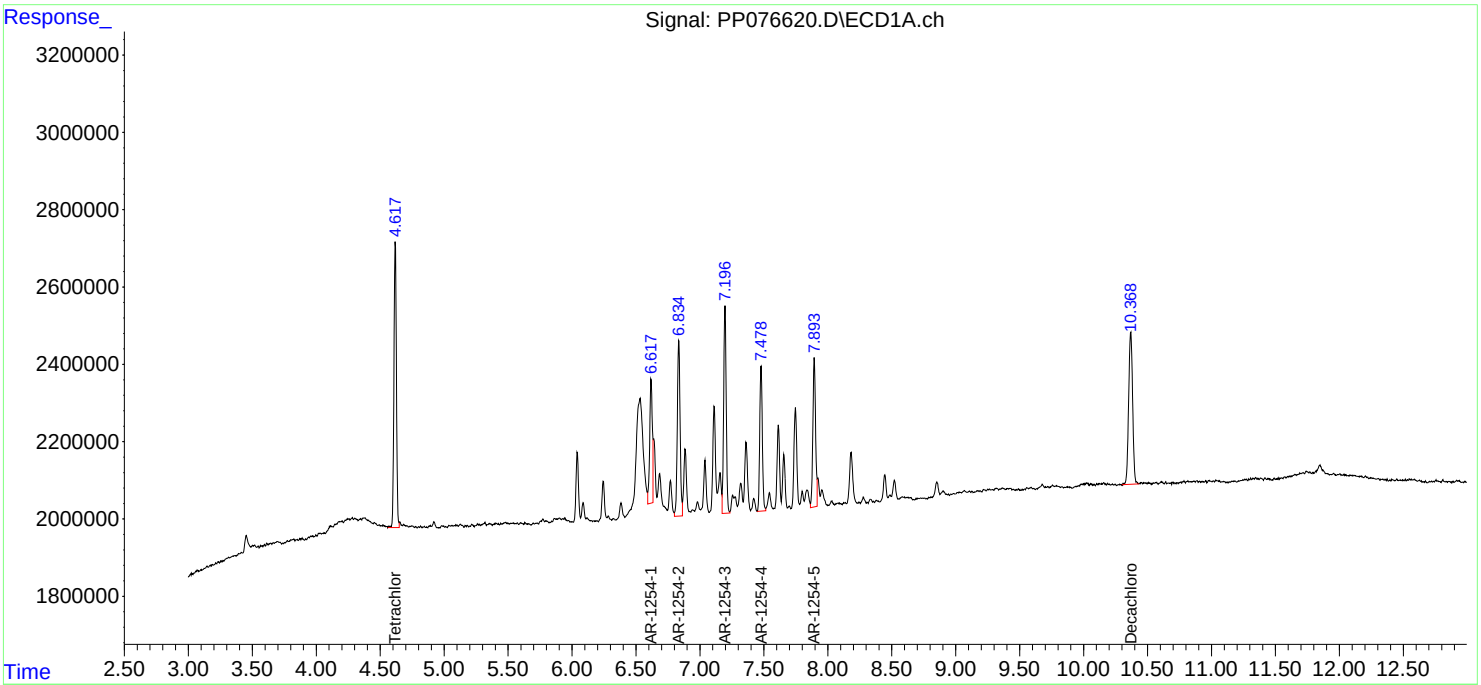
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

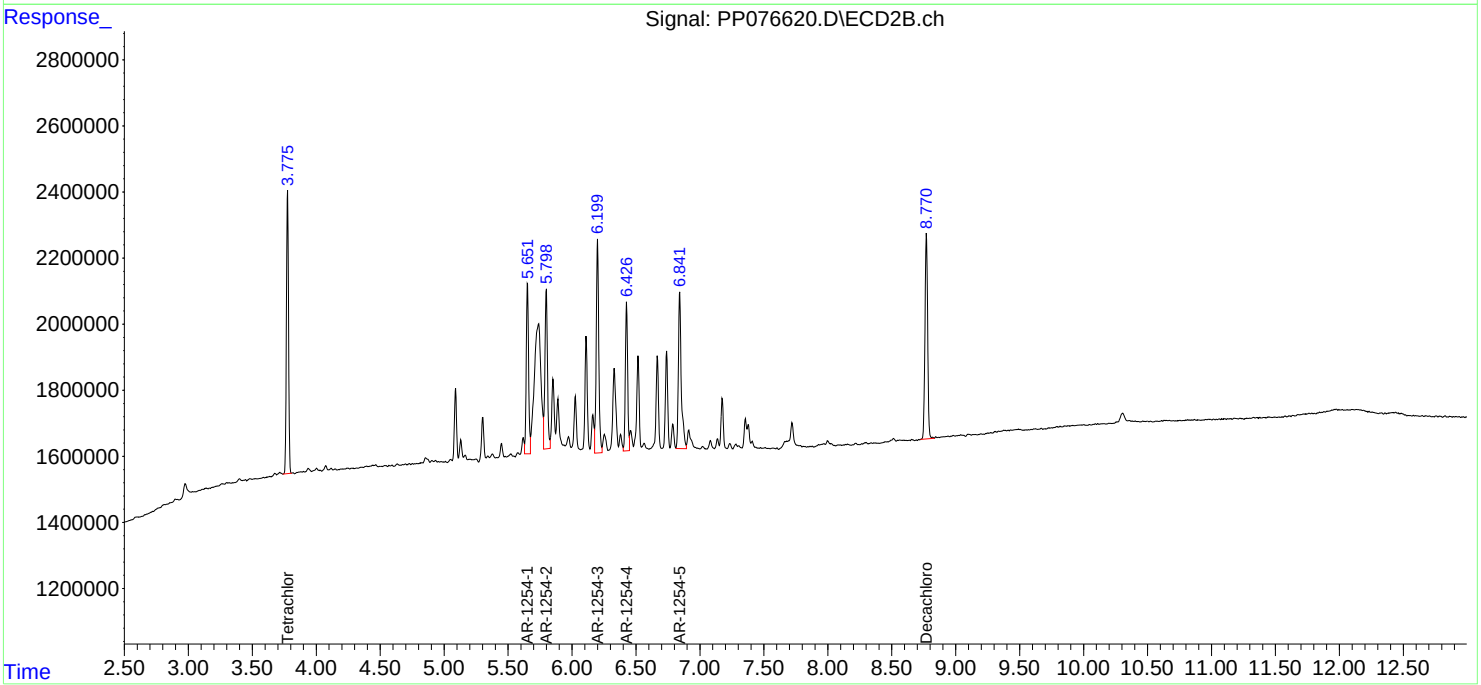
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:10:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:05:21 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:17
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: Nov 21 22:28:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:27:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.772	82564412	97039303	50.000	50.000
2)	SA Decachlor...	10.366	8.768	67790332	76908628	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.196	6.877	49478337	66657550	500.000	500.000
37)	L8 AR-1262-2	8.519	7.135	86225297	59959105	500.000	500.000
38)	L8 AR-1262-3	8.842	7.657	62862109	49257579	500.000	500.000
39)	L8 AR-1262-4	8.928	7.720	49609004	87242417	500.000	500.000
40)	L8 AR-1262-5	9.592	8.215	35520319	40178910	500.000	500.000

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

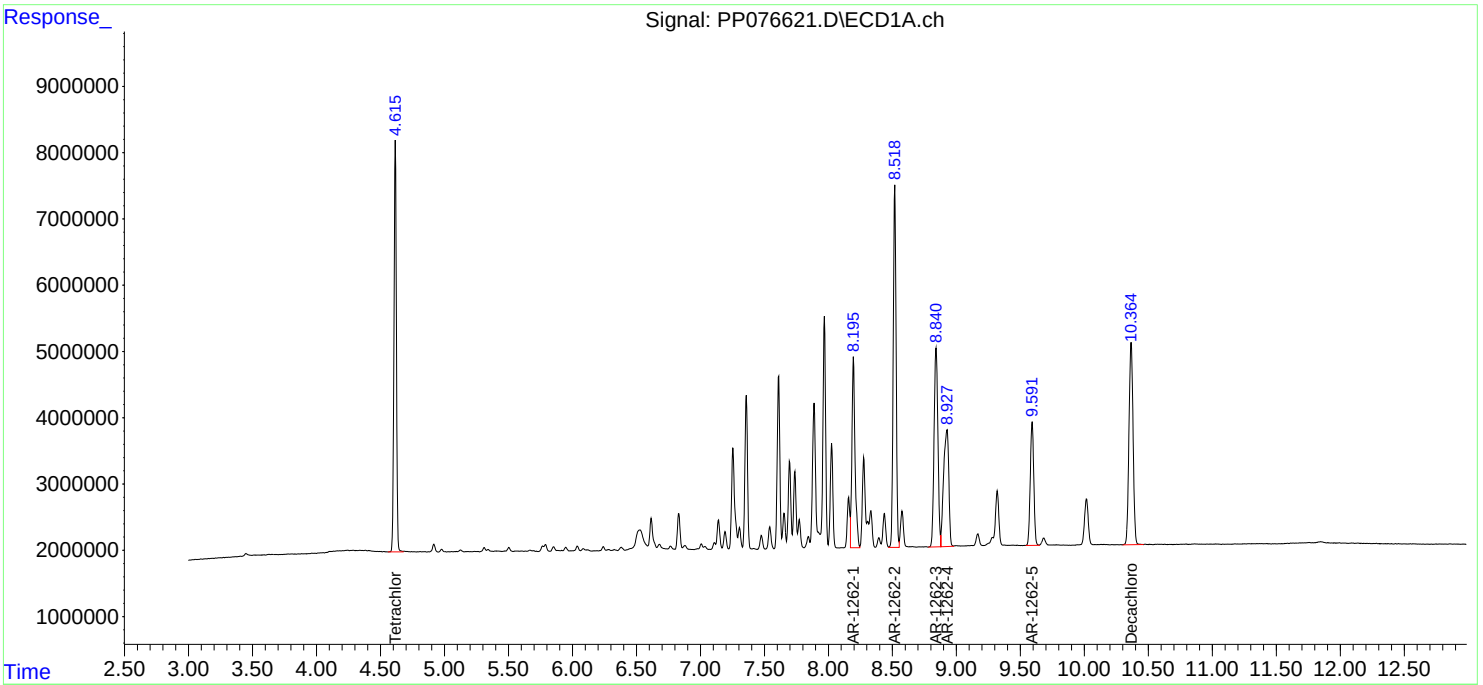
ICAL Form

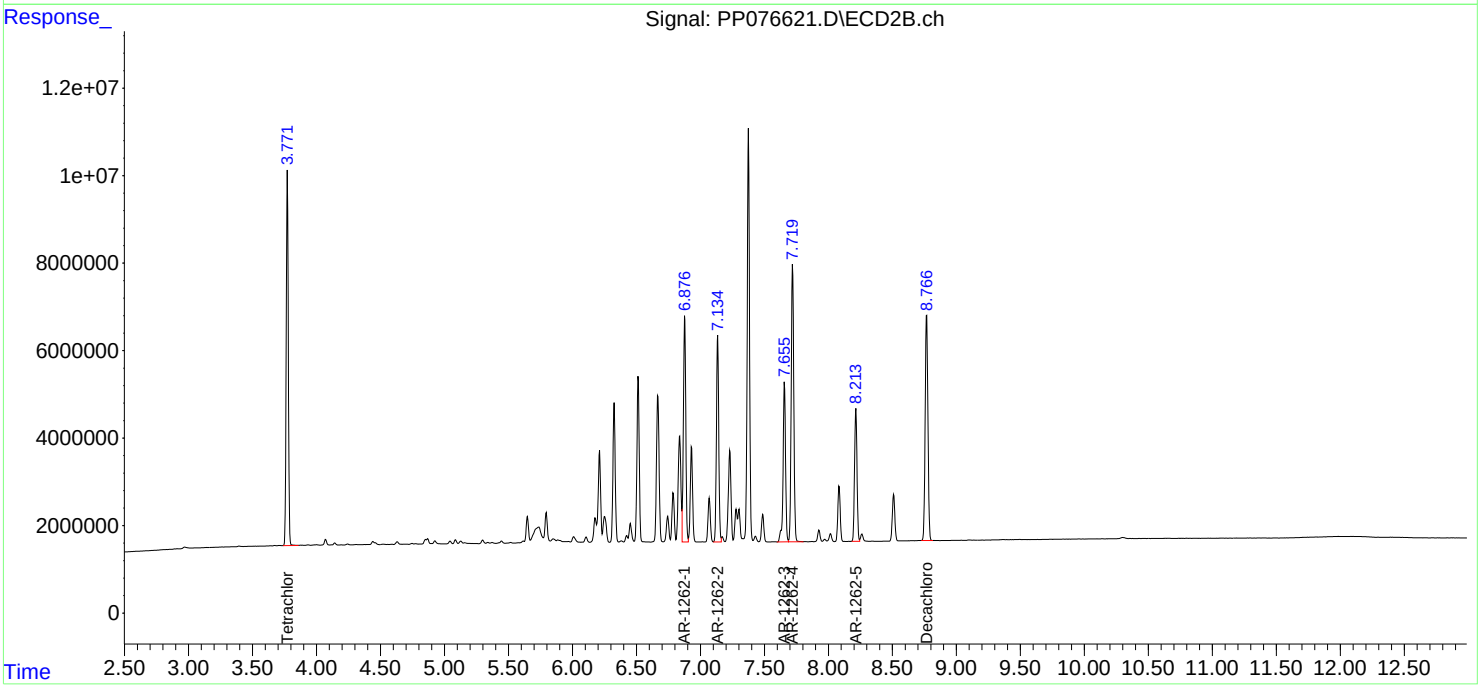
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076621.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:17
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:28:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:27:40 2025
Response via : Initial Calibration
Integrator: ChemStation

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





ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:33
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: Nov 21 22:34:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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...	4.618	3.775	159.2E6	197.9E6	91.147	96.196
2)	SA Decachlor...	10.369	8.770	210.3E6	267.0E6	89.266	94.554
	Target Compounds						
41)	L9 AR-1268-1	8.840	7.660	185.3E6	264.6E6	896.603	947.156
42)	L9 AR-1268-2	8.935	7.724	174.6E6	240.9E6	895.241	950.347
43)	L9 AR-1268-3	9.171	7.929	144.0E6	194.4E6	893.169	946.777
44)	L9 AR-1268-4	9.595	8.218	72720190	87883512	888.782	940.218
45)	L9 AR-1268-5	10.021	8.513	445.4E6	616.6E6	915.190	965.595

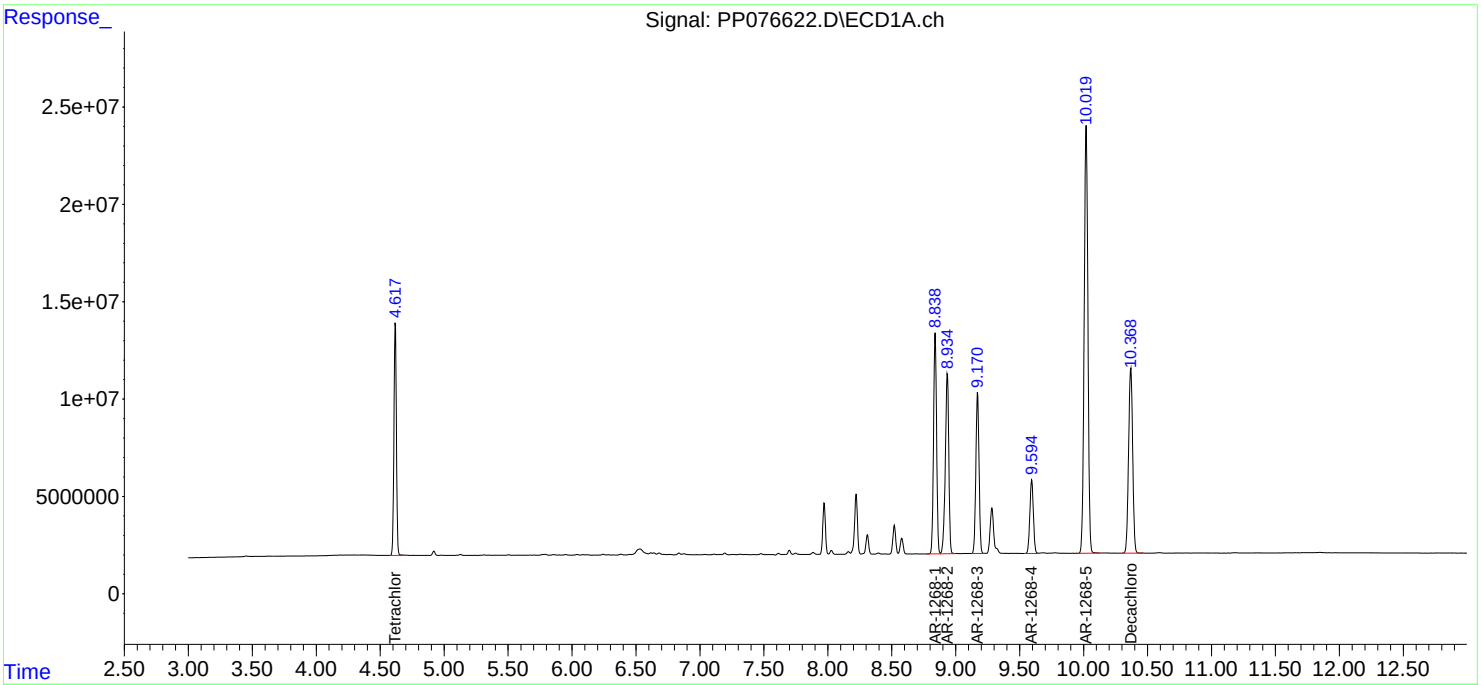
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

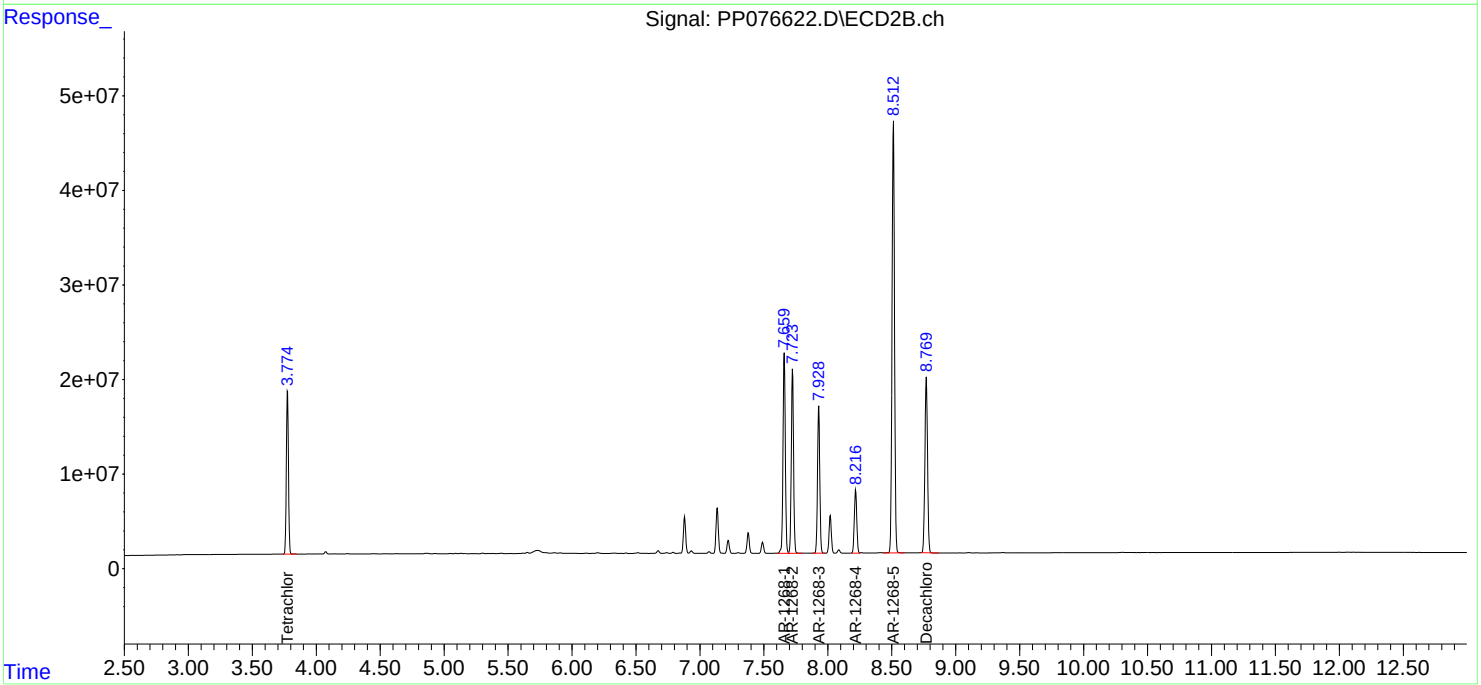
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076622.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:33
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:34:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:50
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: Nov 21 22:34:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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...	4.616	3.772	126.2E6	154.4E6	72.243	75.028
2)	SA Decachlor...	10.366	8.767	167.2E6	207.4E6	70.986	73.443
	Target Compounds						
41)	L9 AR-1268-1	8.837	7.656	147.6E6	206.2E6	714.147	738.126
42)	L9 AR-1268-2	8.932	7.721	138.8E6	187.4E6	712.065	739.512
43)	L9 AR-1268-3	9.168	7.927	114.5E6	151.4E6	710.010	737.550
44)	L9 AR-1268-4	9.593	8.215	57844413	68475265	706.971	732.580
45)	L9 AR-1268-5	10.018	8.510	350.9E6	475.8E6	720.988	745.128

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

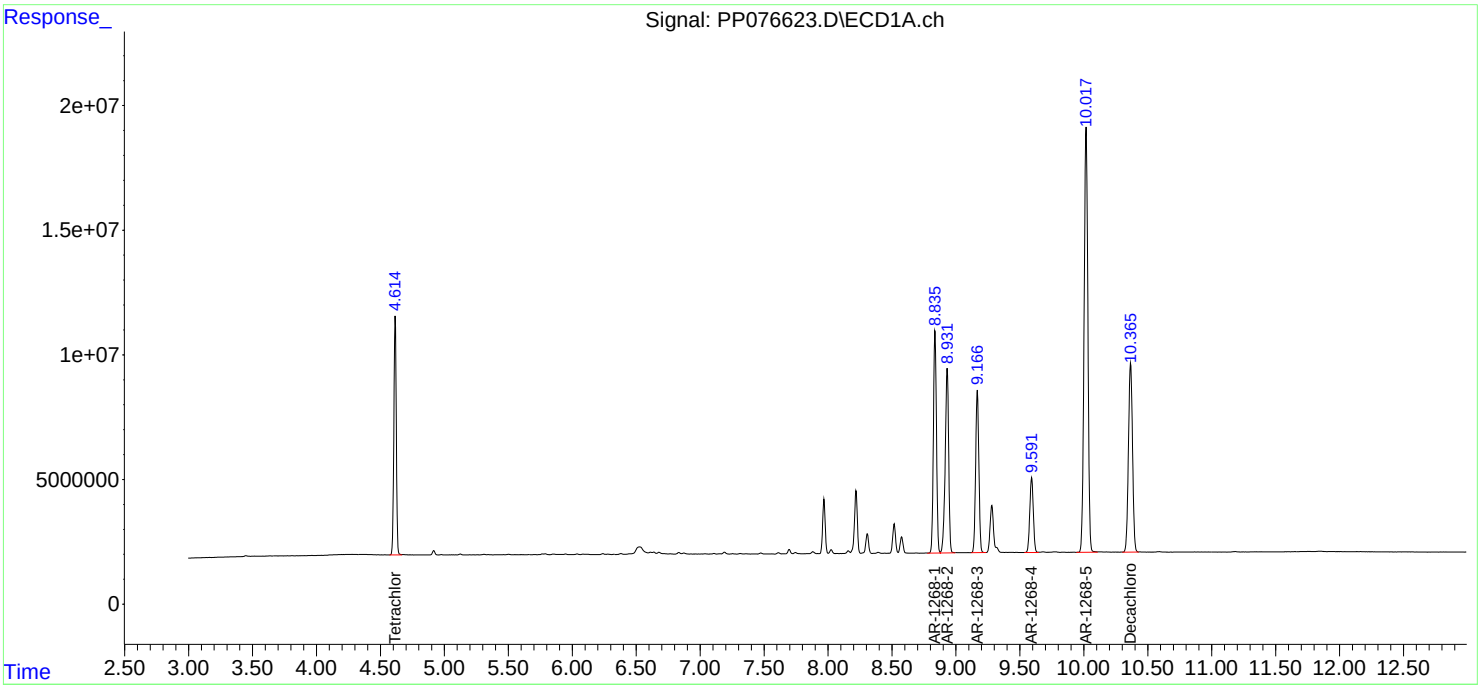
ICAL Form

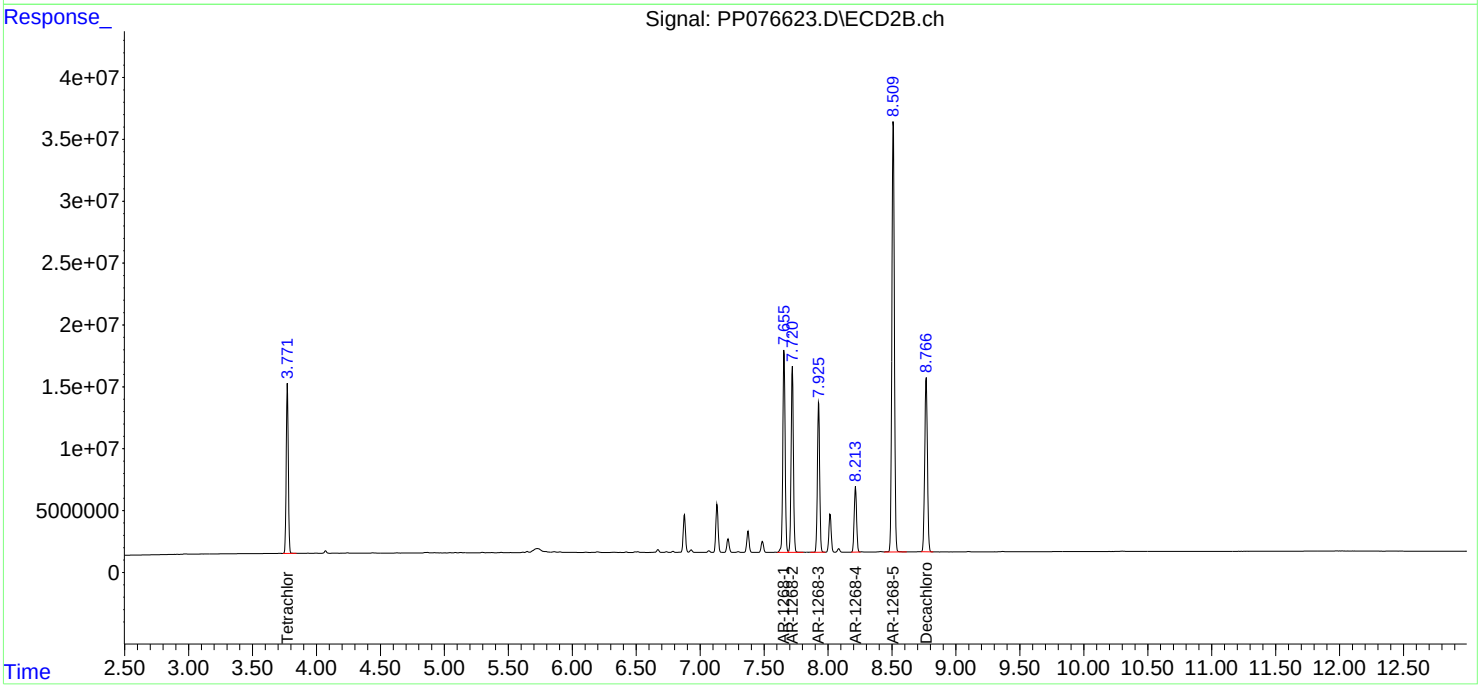
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076623.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 18:50
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:34:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076624.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:06
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: Nov 21 22:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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...	4.618	3.775	87339138	102.9E6	50.000	50.000
2)	SA Decachlor...	10.369	8.770	117.8E6	141.2E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	8.840	7.659	103.3E6	139.7E6	500.000	500.000
42)	L9 AR-1268-2	8.934	7.724	97491158	126.7E6	500.000	500.000
43)	L9 AR-1268-3	9.171	7.929	80628615	102.7E6	500.000	500.000
44)	L9 AR-1268-4	9.595	8.217	40910024	46735705	500.000	500.000
45)	L9 AR-1268-5	10.020	8.512	243.3E6	319.3E6	500.000	500.000

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

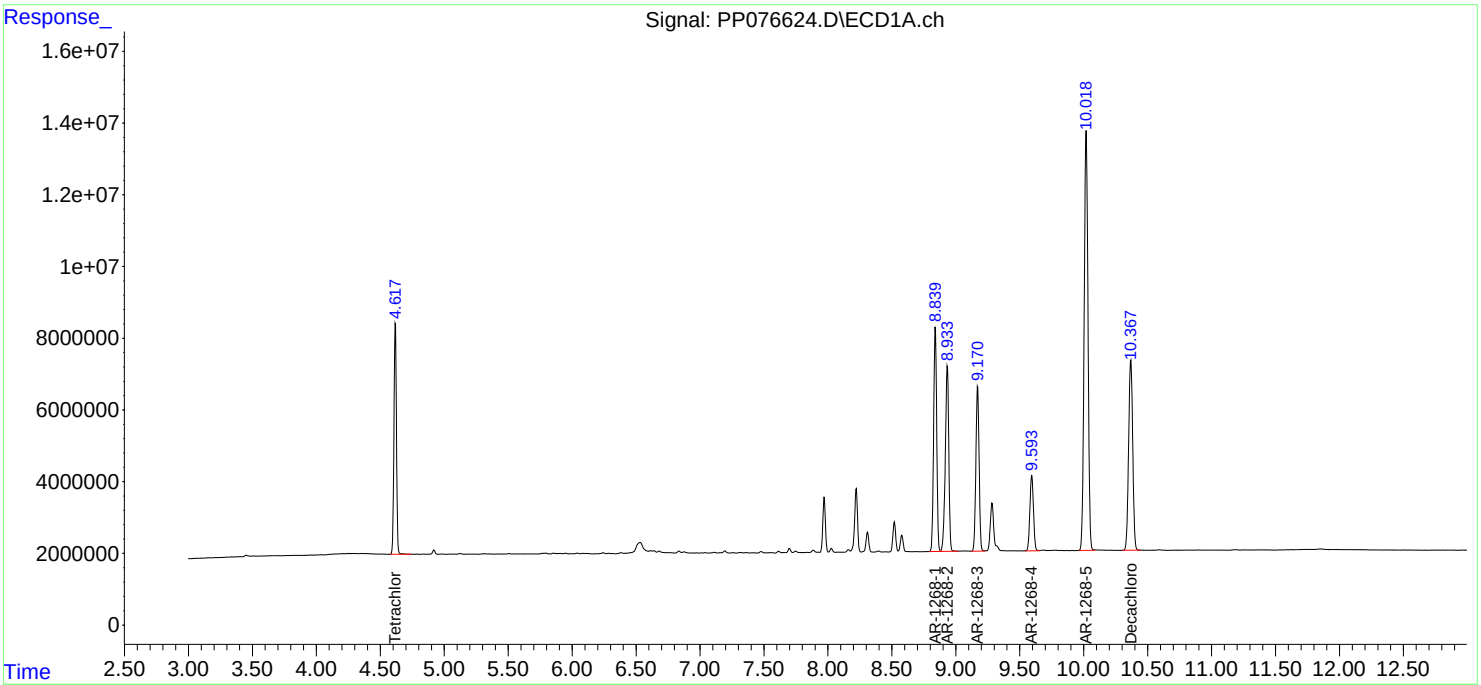
ICAL Form

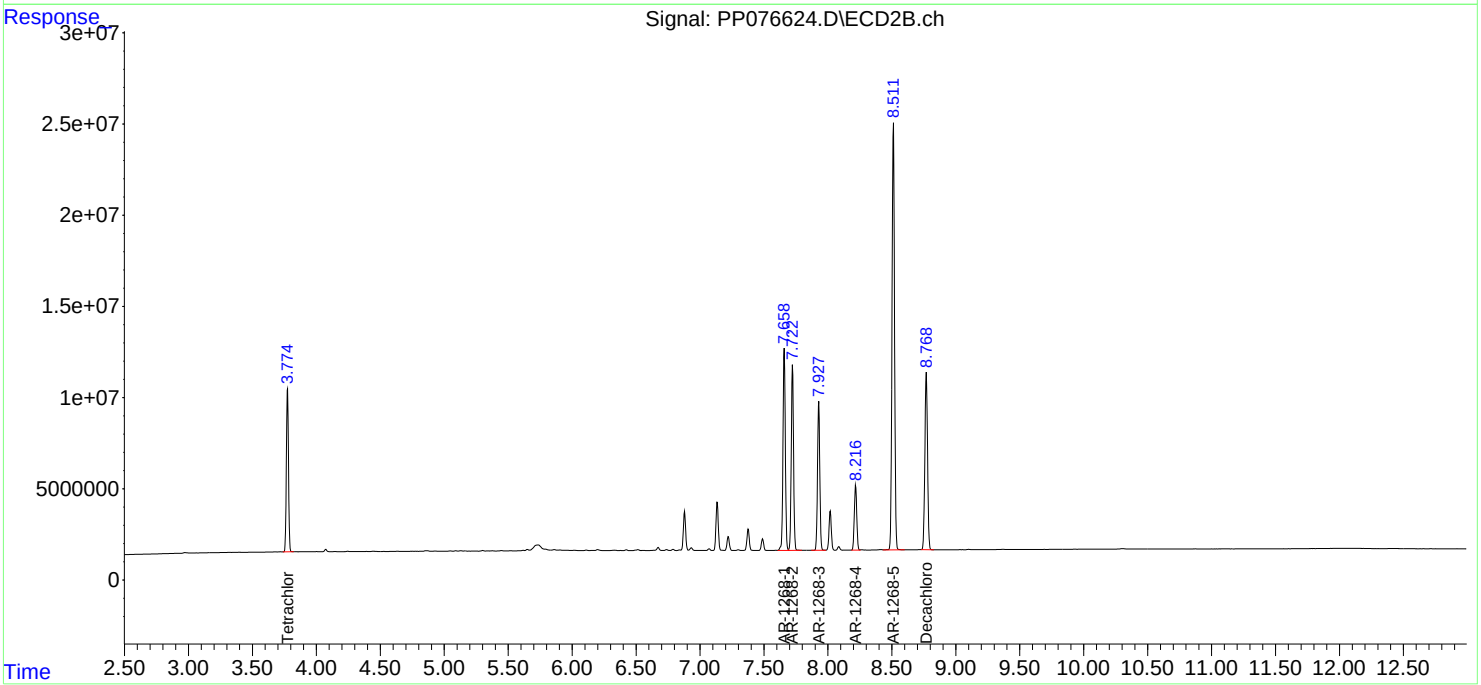
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076624.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:06
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:34:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:23
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: Nov 21 22:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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...	4.616	3.773	46483821	51591515	26.611	25.077
2)	SA Decachlor...	10.368	8.768	65149288	73906252	27.652	26.172
	Target Compounds						
41)	L9 AR-1268-1	8.839	7.657	57155819	72342388	276.580	258.998
42)	L9 AR-1268-2	8.933	7.723	53599740	65439443	274.895	258.210
43)	L9 AR-1268-3	9.170	7.927	44597424	52973859	276.561	258.026
44)	L9 AR-1268-4	9.594	8.216	22309085	24532687	272.660	262.462
45)	L9 AR-1268-5	10.020	8.511	132.6E6	162.7E6	272.415	254.793

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

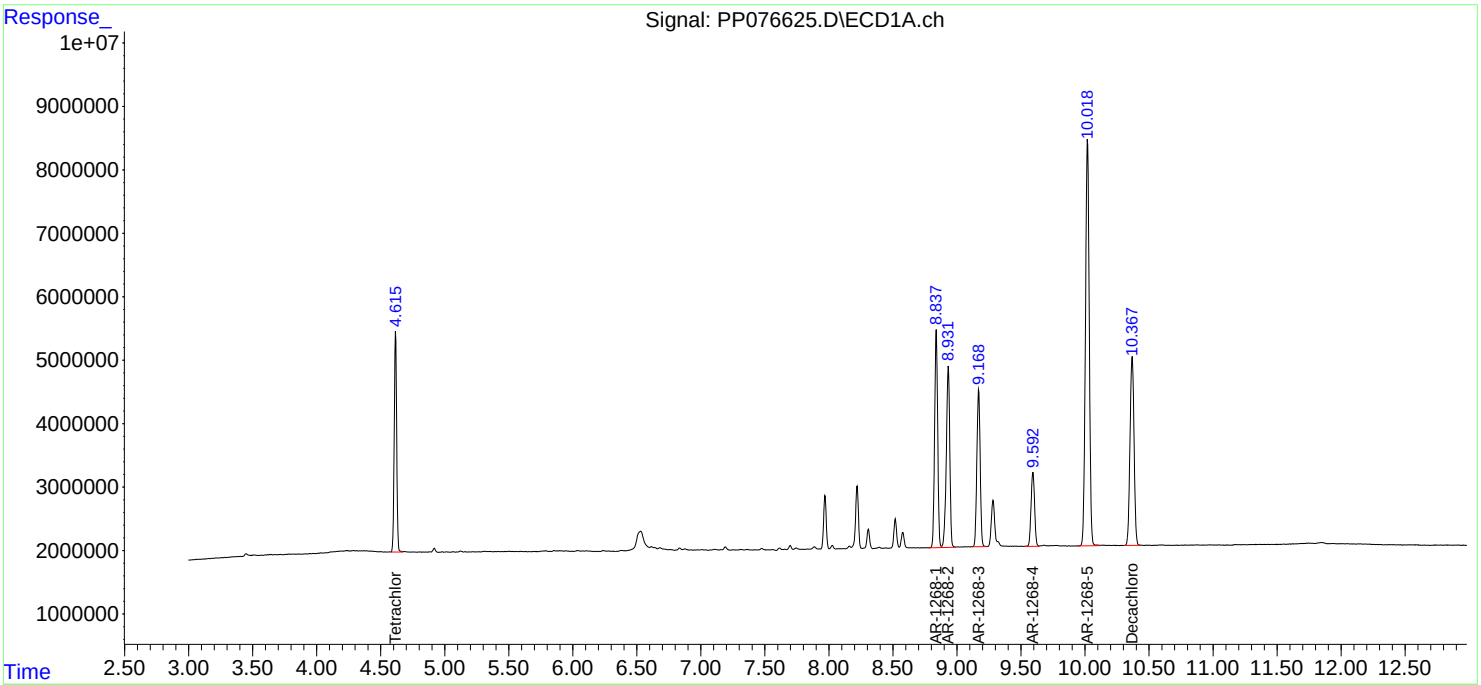
ICAL Form

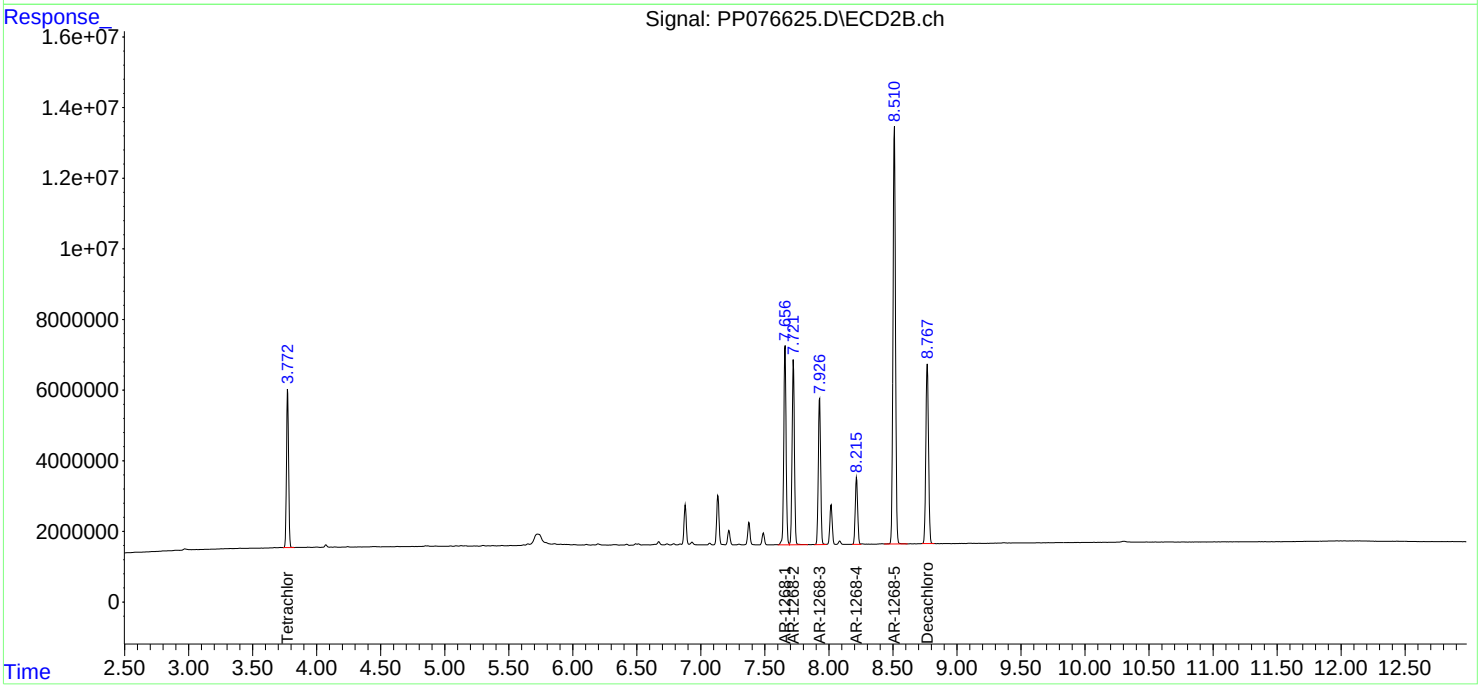
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076625.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:23
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:35:00 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:39
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: Nov 21 22:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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...	4.616	3.772	10227248	10044450	5.855	4.882
2)	SA Decachlor...	10.366	8.768	14349189	15432856	6.090	5.465
	Target Compounds						
41)	L9 AR-1268-1	8.837	7.657	12862337	14927689	62.242	53.444
42)	L9 AR-1268-2	8.931	7.722	11856027	13334917	60.806	52.617
43)	L9 AR-1268-3	9.168	7.927	9721766	10931625	60.287	53.246
44)	L9 AR-1268-4	9.592	8.215	4779518	4940340	58.415	52.854
45)	L9 AR-1268-5	10.018	8.511	29573273	32117281	60.769	50.297

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

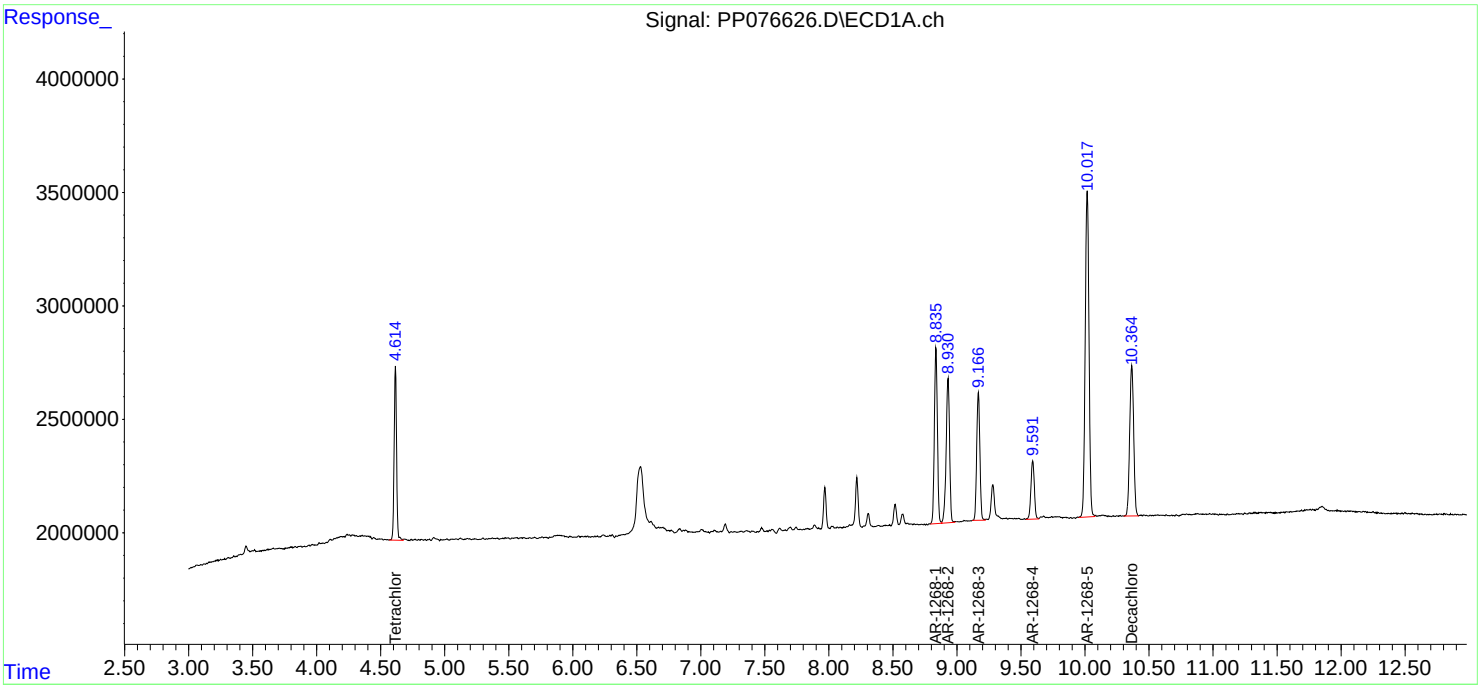
ICAL Form

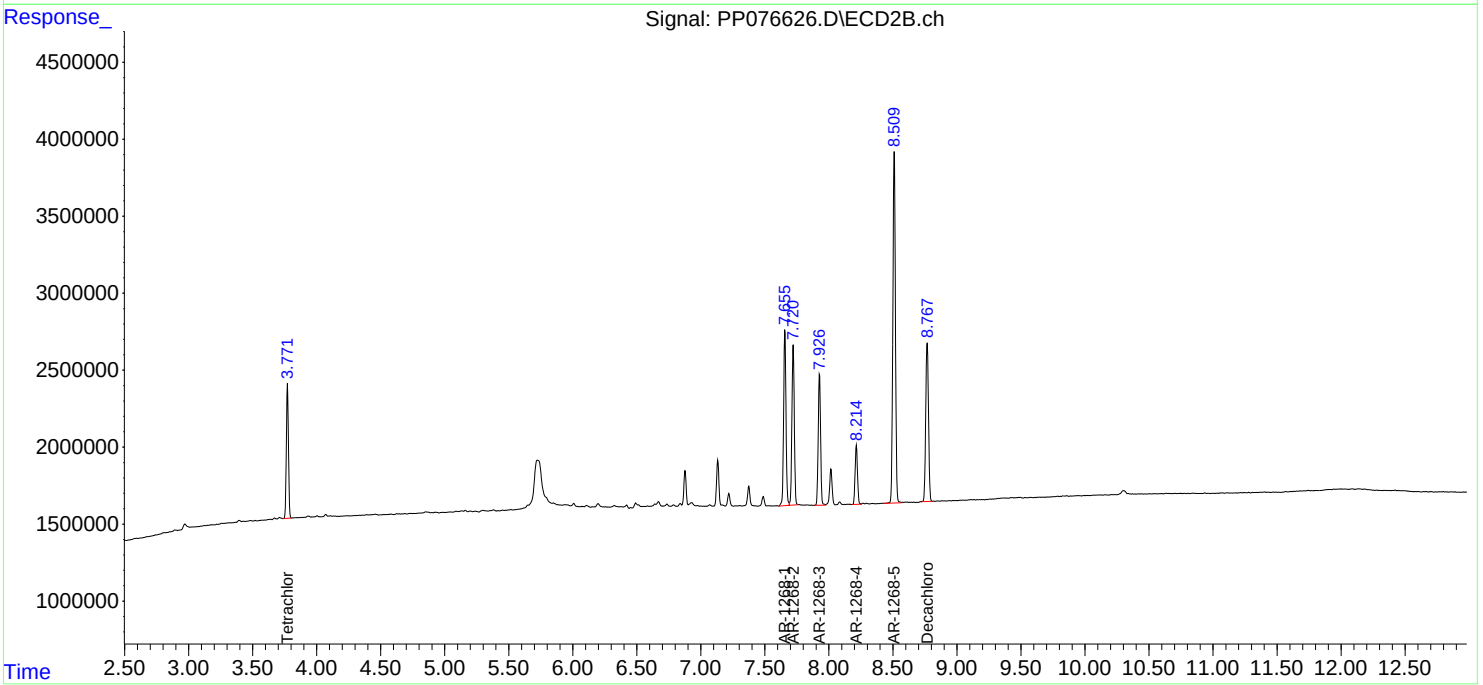
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076626.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 19:39
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:33:02 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:12
Operator : YP\AJ
Sample : PP112125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:54:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.616	3.773	92628358	107.4E6	50.465	51.558
2)	SA Decachlor...	10.367	8.768	74858680	86733679	49.950	49.154
	Target Compounds						
3)	L1 AR-1016-1	5.769	4.852	33843058	37790807	501.268	502.733
4)	L1 AR-1016-2	5.790	4.869	51346401	56545131	508.845	508.533
5)	L1 AR-1016-3	5.852	5.044	32921370	29542335	506.526	509.669
6)	L1 AR-1016-4	5.950	5.086	27314850	23548841	510.144	503.711
7)	L1 AR-1016-5	6.242	5.299	26420273	31023356	512.327	500.858
31)	L7 AR-1260-1	7.359	6.327	43424185	54160124	499.953	496.417
32)	L7 AR-1260-2	7.611	6.514	50797841	65647208	491.485	493.657
33)	L7 AR-1260-3	7.970	6.666	40220815	61380157	500.353	495.425
34)	L7 AR-1260-4	8.196	7.135	47484616	52212762	506.927	502.633
35)	L7 AR-1260-5	8.520	7.376	85233066	124.6E6	501.323	504.343

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

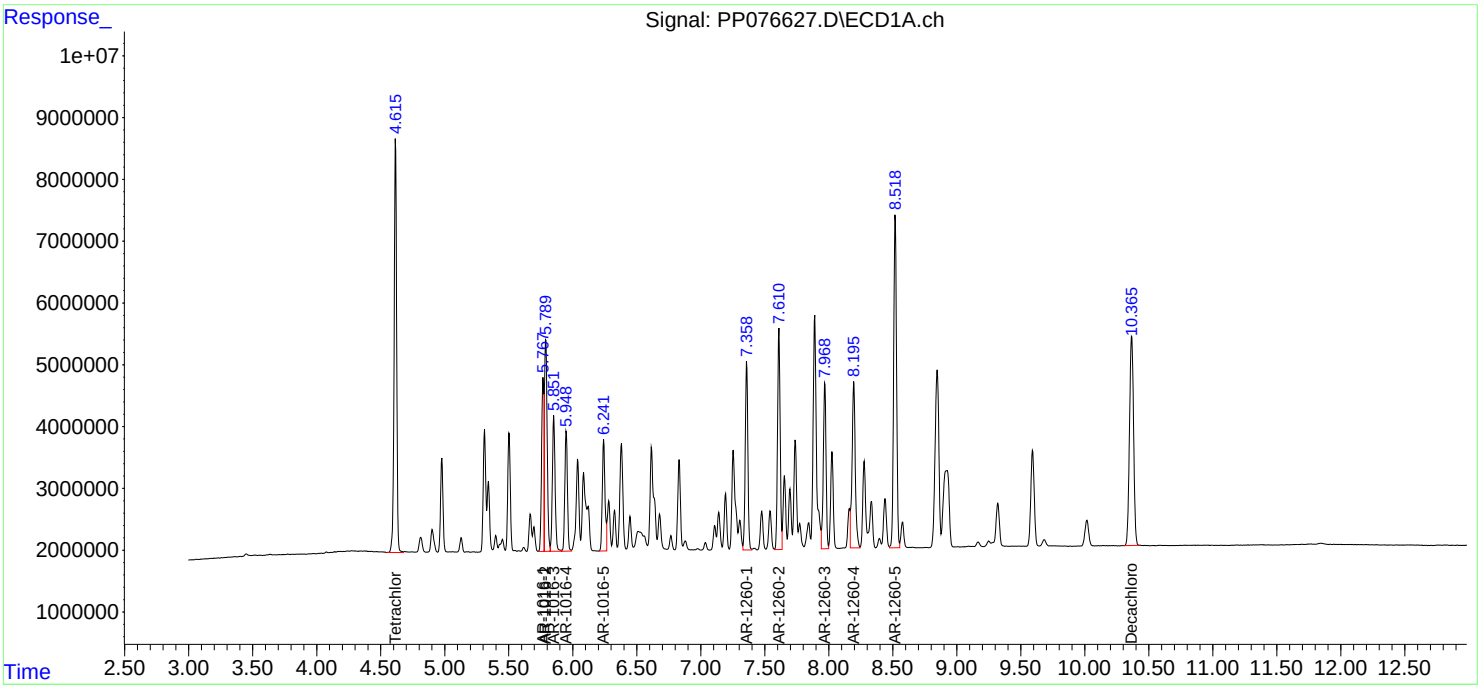
ICAL Form

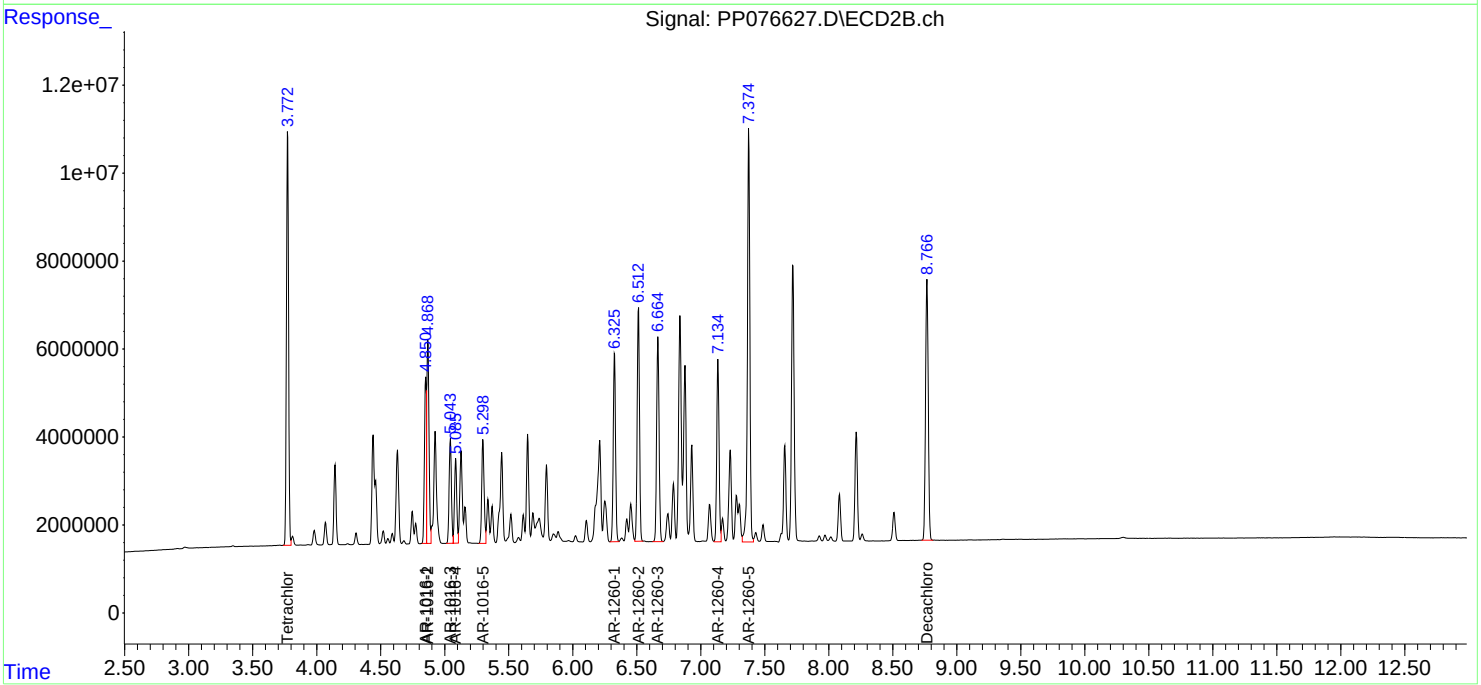
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076627.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:12
Operator : YP\AJ
Sample : PP112125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:54:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:45
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.618	3.775	87126364	100.7E6	47.467	48.357
2)	SA Decachlor...	10.369	8.770	71509352	82086035	47.715	46.520
	Target Compounds						
16)	L4 AR-1242-1	5.770	4.854	26651593	29108844	513.196	506.296
17)	L4 AR-1242-2	5.791	4.871	40592076	43377201	522.443	514.662
18)	L4 AR-1242-3	5.855	5.047	25806516	22731708	512.889	516.154
19)	L4 AR-1242-4	5.952	5.131	21290665	22216887	512.029	513.688
20)	L4 AR-1242-5	6.681	5.650	23651045	28482221	511.627	488.358

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

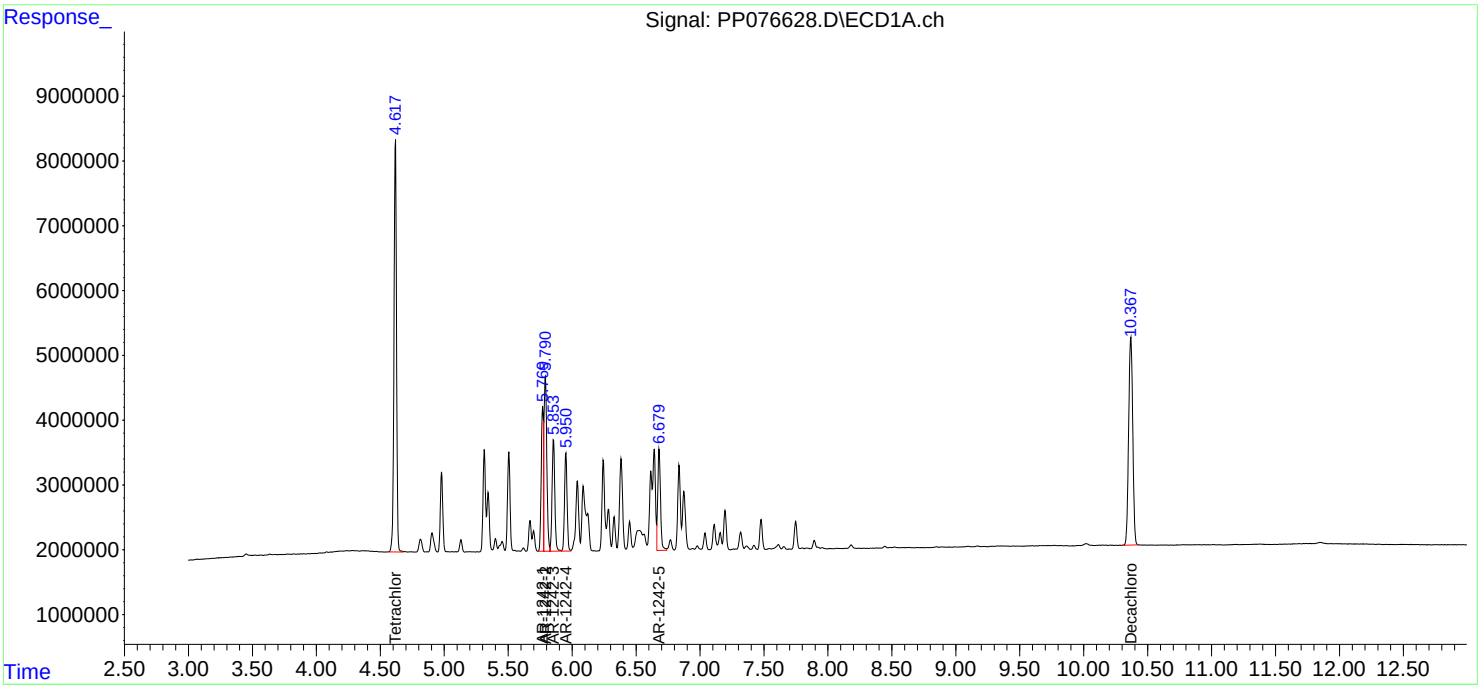
ICAL Form

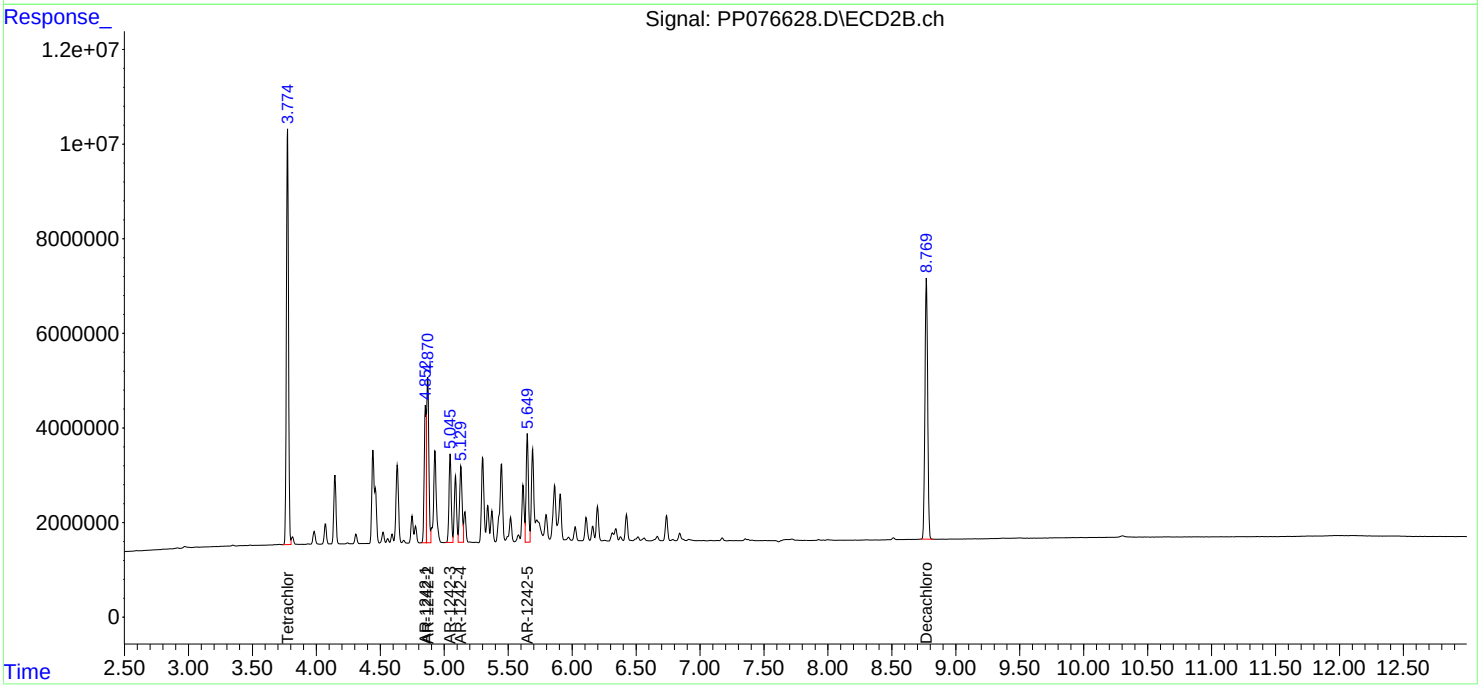
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 20:45
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:54:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:18
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:55:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.615	3.772	85702410	101.0E6	46.691	48.500
2)	SA Decachlor...	10.366	8.767	70273483	79644079	46.890	45.136
	Target Compounds						
21)	L5 AR-1248-1	5.767	4.850	20629800	22210972	509.886	503.924
22)	L5 AR-1248-2	6.038	5.085	28674387	29655214	508.512	509.298
23)	L5 AR-1248-3	6.241	5.127	31753050	31339612	509.552	510.549
24)	L5 AR-1248-4	6.639	5.298	36777308	36884362	496.014	503.987
25)	L5 AR-1248-5	6.678	5.688	36912181	39220397	507.635	466.020

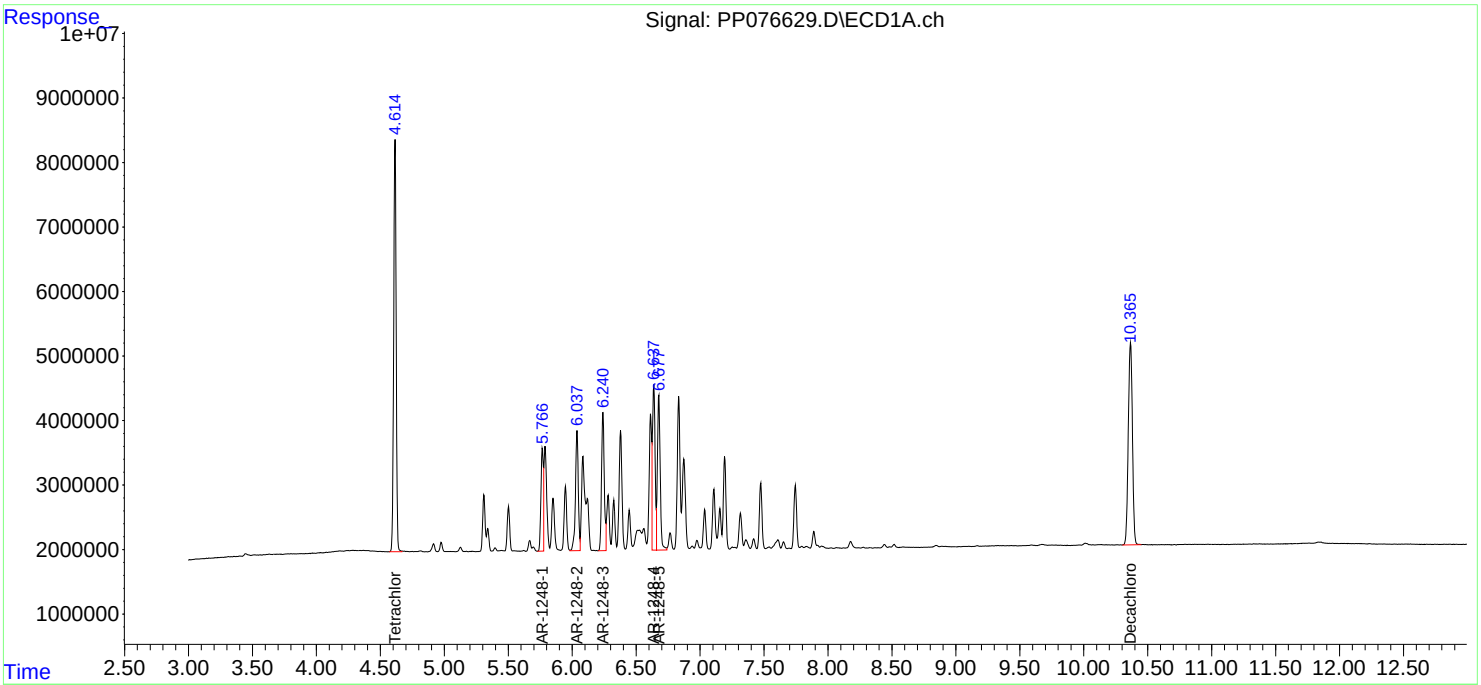
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

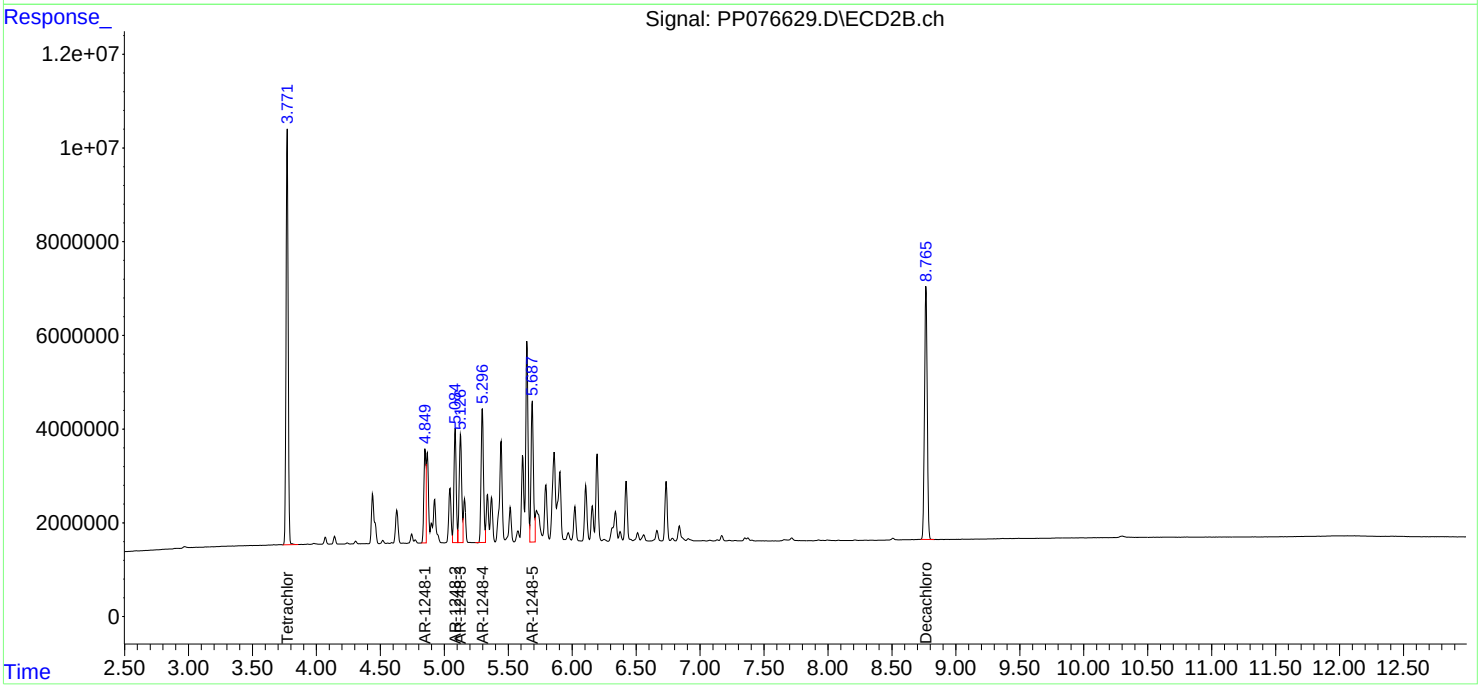
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:18
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1248

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:55:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076630.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:51
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1254

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:22:58 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...	4.619	3.776	86531347	101.1E6	49.253	50.222
2)	SA Decachlor...	10.369	8.771	72633778	82942262	49.546	49.642
	Target Compounds						
26)	L6 AR-1254-1	6.618	5.651	39599631	57998675	493.644m	490.512
27)	L6 AR-1254-2	6.835	5.799	54137247	51182399	480.249	473.366
28)	L6 AR-1254-3	7.197	6.200	57886022	80810940	481.801	492.188
29)	L6 AR-1254-4	7.479	6.426	44172099	51592905	490.157	497.076
30)	L6 AR-1254-5	7.895	6.842	47889271	70291997	494.752	499.324

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076630.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 21:51
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

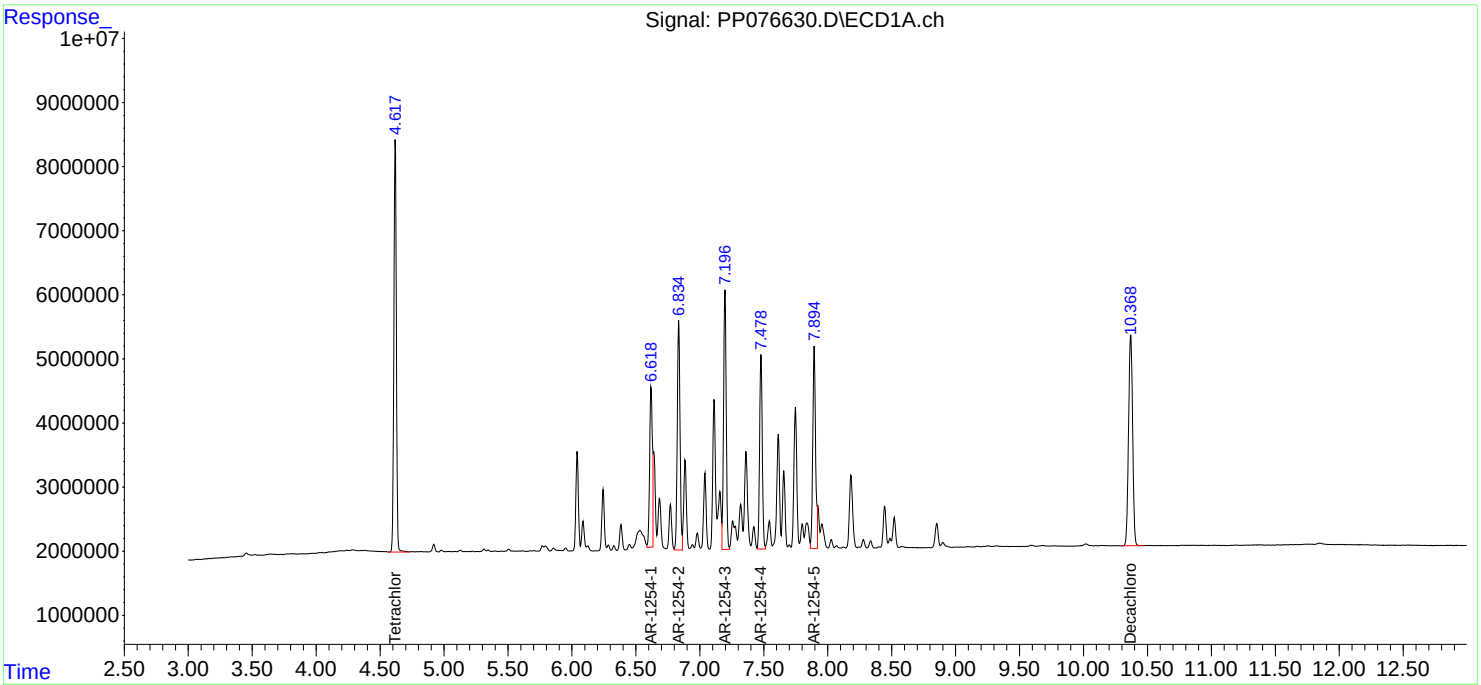
Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1254

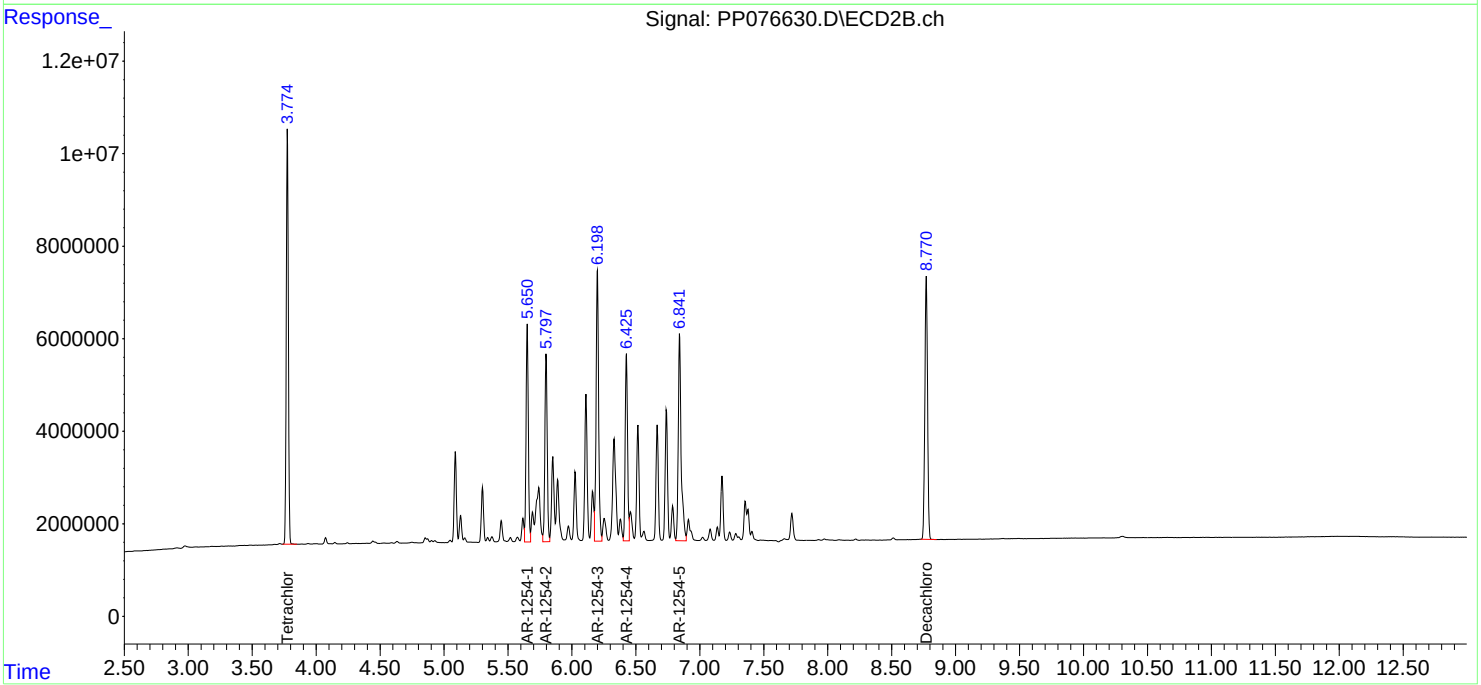
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 11/24/2025
Supervised By :mohammad ahmed 11/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:23:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:22:58 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





Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:24
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:41:21 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...	4.618	3.775	87216131	102.4E6	48.853	50.378
2)	SA Decachlor...	10.369	8.770	118.6E6	141.2E6	48.746	49.380
	Target Compounds						
41)	L9 AR-1268-1	8.840	7.659	104.3E6	139.8E6	485.313	497.082
42)	L9 AR-1268-2	8.934	7.724	97582803	127.1E6	484.918	499.290
43)	L9 AR-1268-3	9.171	7.929	81142504	102.5E6	488.356	496.522
44)	L9 AR-1268-4	9.595	8.217	41155353	46746740	494.070	497.737
45)	L9 AR-1268-5	10.020	8.513	245.4E6	320.0E6	486.508	502.737

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

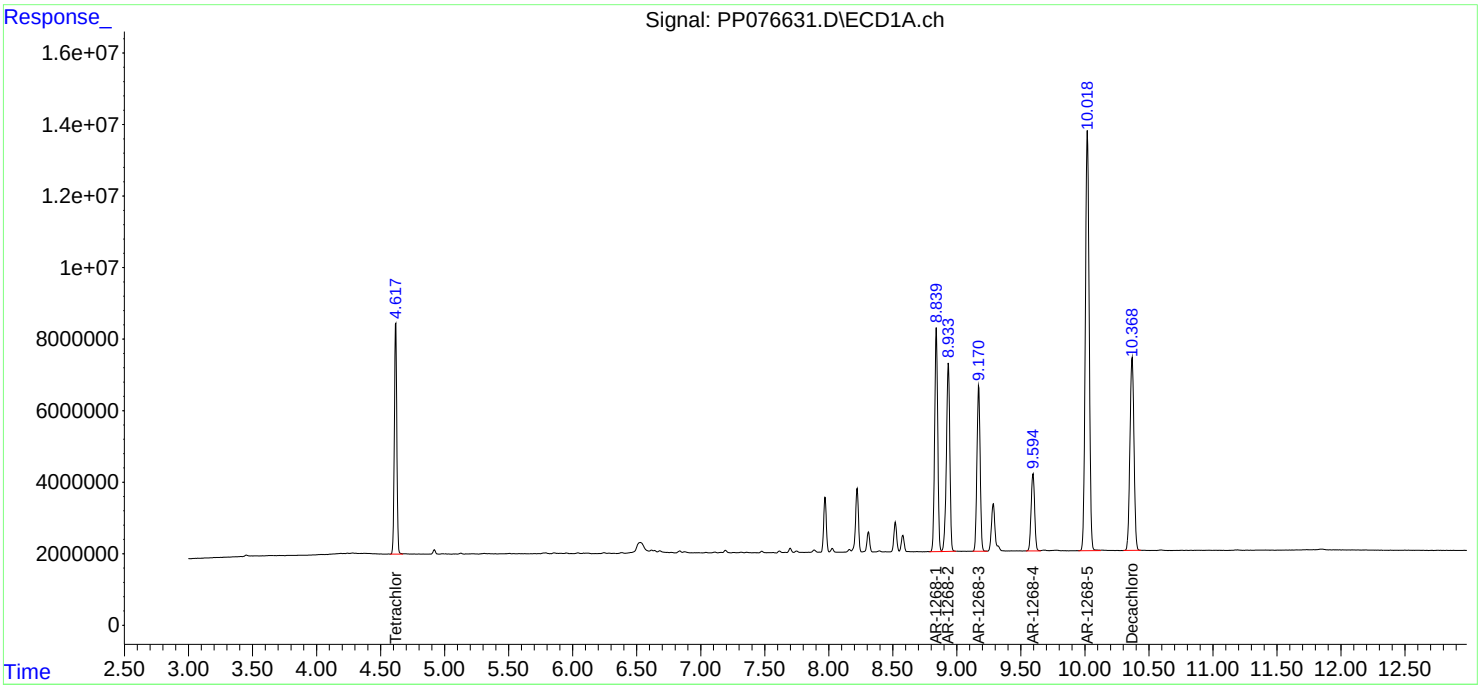
ICAL Form

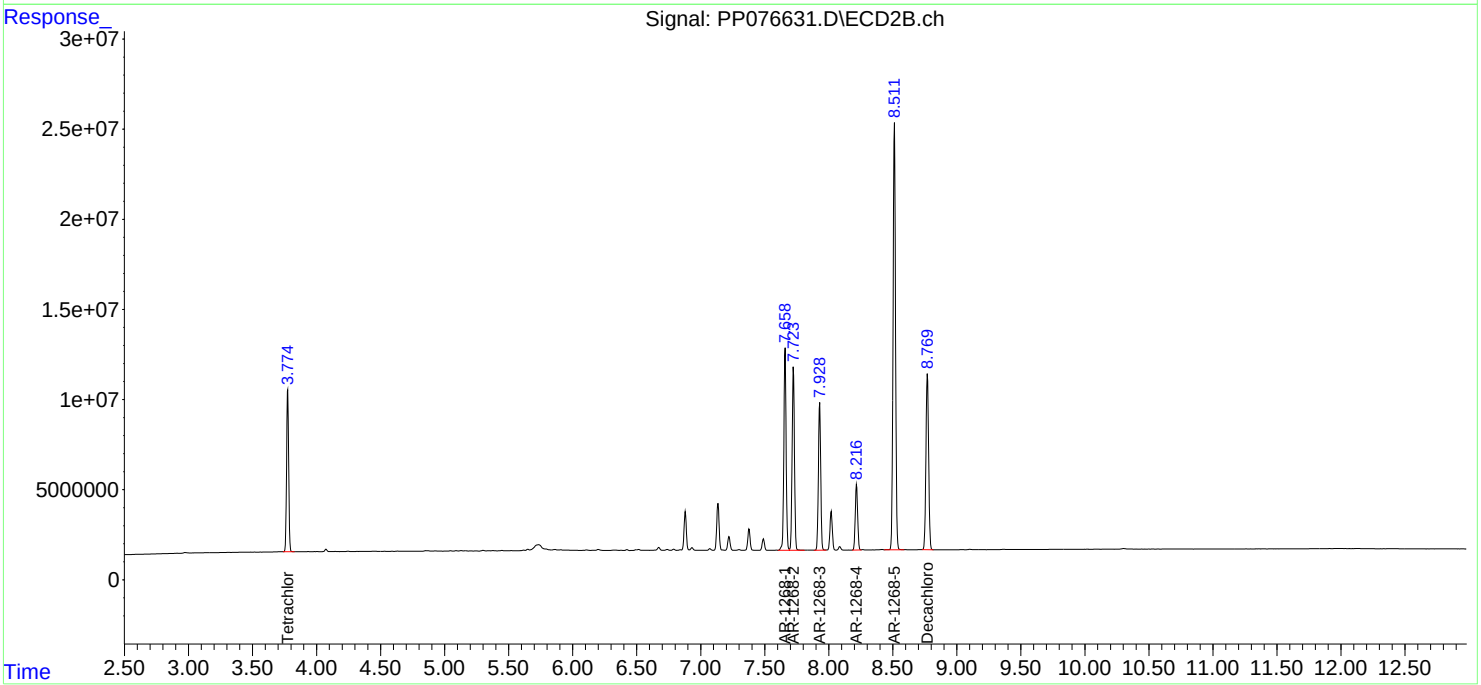
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076631.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 22:24
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP112125AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:42:17 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:41:21 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





Raw Data: **PP076853.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Continuing Calib Date: 12/08/2025 **Initial Calibration Date(s):** 11/21/2025 11/21/2025

Continuing Calib Time: 09:58 **Initial Calibration Time(s):** 10:44 19:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.78	5.77	5.67	5.87	-0.01
Aroclor-1016-2	(2)	5.80	5.79	5.69	5.89	-0.01
Aroclor-1016-3	(3)	5.86	5.85	5.75	5.95	-0.01
Aroclor-1016-4	(4)	5.96	5.95	5.85	6.05	-0.01
Aroclor-1016-5	(5)	6.25	6.24	6.14	6.34	-0.01
Aroclor-1260-1	(1)	7.37	7.36	7.26	7.46	-0.01
Aroclor-1260-2	(2)	7.62	7.61	7.51	7.71	-0.01
Aroclor-1260-3	(3)	7.98	7.97	7.87	8.07	-0.01
Aroclor-1260-4	(4)	8.20	8.19	8.09	8.29	-0.01
Aroclor-1260-5	(5)	8.53	8.52	8.42	8.62	-0.01
Tetrachloro-m-xylene		4.63	4.61	4.51	4.71	-0.02
Decachlorobiphenyl		10.38	10.37	10.27	10.47	-0.01

Raw Data: **PP076853.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Continuing Calib Date: 12/08/2025 **Initial Calibration Date(s):** 11/21/2025 11/21/2025

Continuing Calib Time: 09:58 **Initial Calibration Time(s):** 10:44 19:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-3	(3)	5.04	5.04	4.94	5.14	0.00
Aroclor-1016-4	(4)	5.09	5.08	4.98	5.18	-0.01
Aroclor-1016-5	(5)	5.30	5.30	5.20	5.40	0.00
Aroclor-1260-1	(1)	6.33	6.32	6.22	6.42	-0.01
Aroclor-1260-2	(2)	6.51	6.51	6.41	6.61	0.00
Aroclor-1260-3	(3)	6.67	6.66	6.56	6.76	0.00
Aroclor-1260-4	(4)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-5	(5)	7.38	7.37	7.27	7.47	-0.01
Tetrachloro-m-xylene		3.77	3.77	3.67	3.87	0.00
Decachlorobiphenyl		8.77	8.77	8.67	8.87	0.00

Raw Data: **PP076853.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076853.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.778	5.667	5.867	492.470	500.000	-1.5
Aroclor-1016-2	5.800	5.687	5.887	510.110	500.000	2.0
Aroclor-1016-3	5.862	5.750	5.950	516.180	500.000	3.2
Aroclor-1016-4	5.959	5.847	6.047	517.060	500.000	3.4
Aroclor-1016-5	6.251	6.140	6.340	501.680	500.000	0.3
Aroclor-1260-1	7.367	7.256	7.456	471.710	500.000	-5.7
Aroclor-1260-2	7.620	7.509	7.709	453.190	500.000	-9.4
Aroclor-1260-3	7.978	7.867	8.067	455.680	500.000	-8.9
Aroclor-1260-4	8.204	8.093	8.293	458.480	500.000	-8.3
Aroclor-1260-5	8.528	8.416	8.616	455.860	500.000	-8.8
Decachlorobiphenyl	10.381	10.265	10.465	45.950	50.000	-8.1
Tetrachloro-m-xylene	4.626	4.514	4.714	50.680	50.000	1.4

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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 12/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076853.D **Time Analyzed:** 09:58

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.851	4.750	4.950	481.910	500.000	-3.6
Aroclor-1016-2	4.868	4.767	4.967	504.480	500.000	0.9
Aroclor-1016-3	5.043	4.942	5.142	495.450	500.000	-0.9
Aroclor-1016-4	5.085	4.984	5.184	497.140	500.000	-0.6
Aroclor-1016-5	5.298	5.197	5.397	490.140	500.000	-2.0
Aroclor-1260-1	6.326	6.224	6.424	483.220	500.000	-3.4
Aroclor-1260-2	6.513	6.412	6.612	474.660	500.000	-5.1
Aroclor-1260-3	6.665	6.564	6.764	477.150	500.000	-4.6
Aroclor-1260-4	7.134	7.033	7.233	466.790	500.000	-6.6
Aroclor-1260-5	7.375	7.273	7.473	456.310	500.000	-8.7
Decachlorobiphenyl	8.768	8.666	8.866	43.030	50.000	-13.9
Tetrachloro-m-xylene	3.771	3.671	3.871	51.500	50.000	3.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 09:58
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: Dec 09 00:57:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.626	3.771	93028679	107.3E6	50.683	51.498
2)	SA Decachlor...	10.381	8.768	68866847	75926688	45.952	43.030
	Target Compounds						
3)	L1 AR-1016-1	5.778	4.851	33249031	36225344	492.469	481.907
4)	L1 AR-1016-2	5.800	4.868	51474202	56094039	510.111	504.476
5)	L1 AR-1016-3	5.862	5.043	33549070	28718419	516.183	495.455
6)	L1 AR-1016-4	5.959	5.085	27685018	23241752	517.058	497.143
7)	L1 AR-1016-5	6.251	5.298	25871240	30359572	501.680	490.142
31)	L7 AR-1260-1	7.367	6.326	40971170	52720309	471.711	483.221
32)	L7 AR-1260-2	7.620	6.513	46839621	63120530	453.188	474.657
33)	L7 AR-1260-3	7.978	6.665	36629786	59115980	455.680	477.150
34)	L7 AR-1260-4	8.204	7.134	42946780	48489747	458.482	466.793
35)	L7 AR-1260-5	8.528	7.375	77503106	112.8E6	455.857	456.313

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

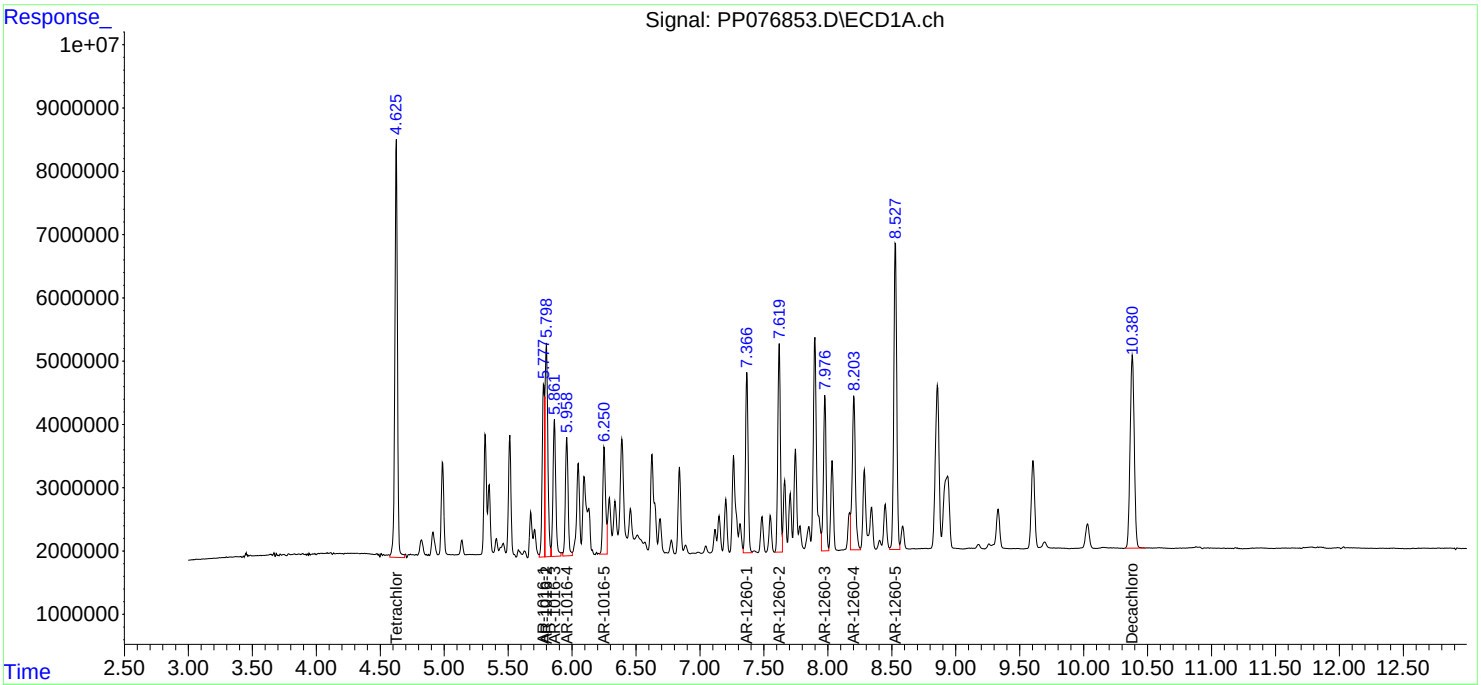
Sample Results: **PP076853.D**

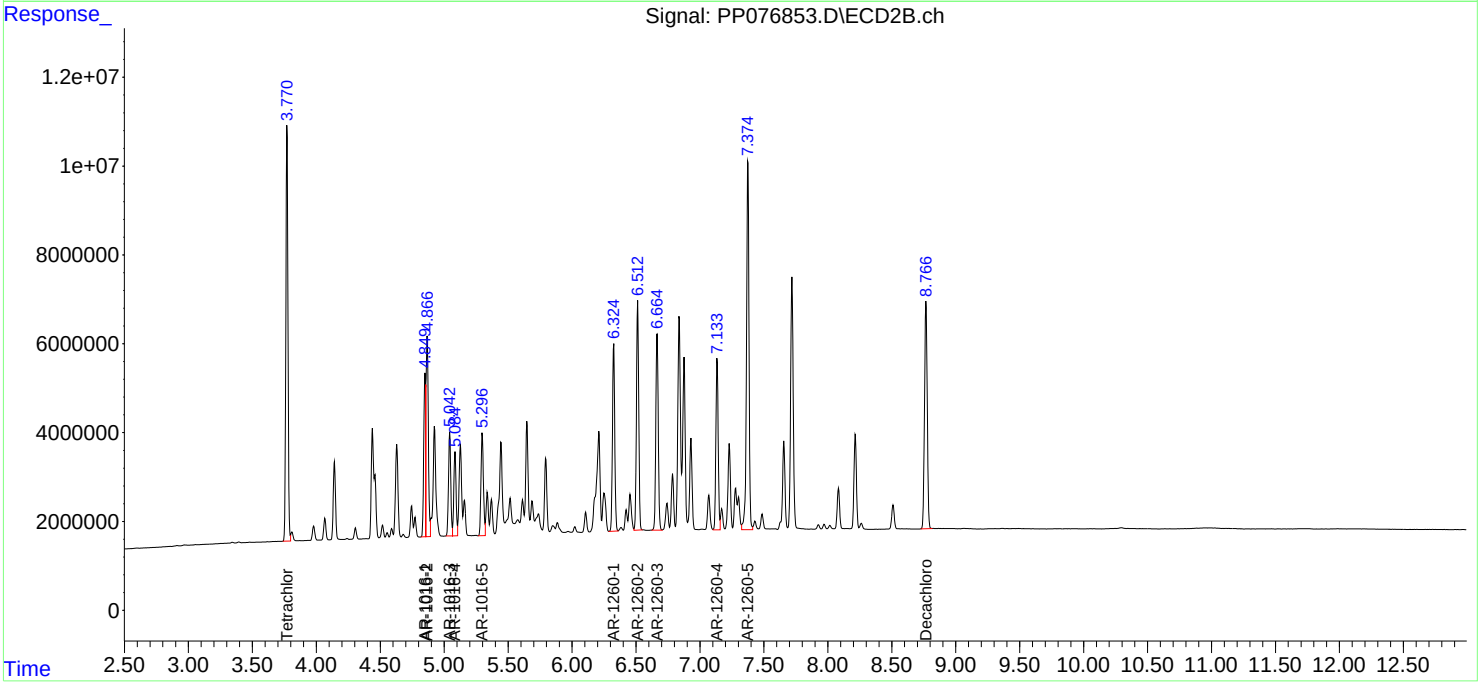
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076853.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 09:58
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:57:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PP076868.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Continuing Calib Date: 12/08/2025 **Initial Calibration Date(s):** 11/21/2025 11/21/2025

Continuing Calib Time: 18:10 **Initial Calibration Time(s):** 10:44 19:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.77	5.77	5.67	5.87	0.00
Aroclor-1016-2	(2)	5.79	5.79	5.69	5.89	0.00
Aroclor-1016-3	(3)	5.85	5.85	5.75	5.95	0.00
Aroclor-1016-4	(4)	5.95	5.95	5.85	6.05	0.00
Aroclor-1016-5	(5)	6.24	6.24	6.14	6.34	0.00
Aroclor-1260-1	(1)	7.36	7.36	7.26	7.46	0.00
Aroclor-1260-2	(2)	7.61	7.61	7.51	7.71	0.00
Aroclor-1260-3	(3)	7.97	7.97	7.87	8.07	0.00
Aroclor-1260-4	(4)	8.20	8.19	8.09	8.29	-0.01
Aroclor-1260-5	(5)	8.52	8.52	8.42	8.62	0.00
Tetrachloro-m-xylene		4.62	4.61	4.51	4.71	-0.01
Decachlorobiphenyl		10.37	10.37	10.27	10.47	0.00

Raw Data: **PP076868.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

Continuing Calib Date: 12/08/2025 **Initial Calibration Date(s):** 11/21/2025 11/21/2025

Continuing Calib Time: 18:10 **Initial Calibration Time(s):** 10:44 19:39

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	4.85	4.85	4.75	4.95	0.00
Aroclor-1016-2	(2)	4.87	4.87	4.77	4.97	0.00
Aroclor-1016-3	(3)	5.04	5.04	4.94	5.14	0.00
Aroclor-1016-4	(4)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-5	(5)	5.30	5.30	5.20	5.40	0.00
Aroclor-1260-1	(1)	6.32	6.32	6.22	6.42	0.00
Aroclor-1260-2	(2)	6.51	6.51	6.41	6.61	0.00
Aroclor-1260-3	(3)	6.66	6.66	6.56	6.76	0.00
Aroclor-1260-4	(4)	7.13	7.13	7.03	7.23	0.00
Aroclor-1260-5	(5)	7.37	7.37	7.27	7.47	0.00
Tetrachloro-m-xylene		3.77	3.77	3.67	3.87	0.00
Decachlorobiphenyl		8.76	8.77	8.67	8.87	0.01

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076868.D **Time Analyzed:** 18:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.769	5.667	5.867	449.130	500.000	-10.2
Aroclor-1016-2	5.791	5.687	5.887	457.850	500.000	-8.4
Aroclor-1016-3	5.853	5.750	5.950	451.920	500.000	-9.6
Aroclor-1016-4	5.950	5.847	6.047	454.630	500.000	-9.1
Aroclor-1016-5	6.243	6.140	6.340	460.730	500.000	-7.9
Aroclor-1260-1	7.359	7.256	7.456	445.100	500.000	-11.0
Aroclor-1260-2	7.612	7.509	7.709	431.320	500.000	-13.7
Aroclor-1260-3	7.969	7.867	8.067	440.420	500.000	-11.9
Aroclor-1260-4	8.196	8.093	8.293	436.100	500.000	-12.8
Aroclor-1260-5	8.519	8.416	8.616	429.350	500.000	-14.1
Decachlorobiphenyl	10.366	10.265	10.465	43.760	50.000	-12.5
Tetrachloro-m-xylene	4.618	4.514	4.714	45.080	50.000	-9.8

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** TULL02

Lab Code: ACE **SDG NO.:** Q3790

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 11/21/2025 11/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 12/08/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076868.D **Time Analyzed:** 18:10

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.849	4.750	4.950	459.660	500.000	-8.1
Aroclor-1016-2	4.867	4.767	4.967	463.270	500.000	-7.3
Aroclor-1016-3	5.042	4.942	5.142	464.570	500.000	-7.1
Aroclor-1016-4	5.084	4.984	5.184	463.110	500.000	-7.4
Aroclor-1016-5	5.296	5.197	5.397	463.300	500.000	-7.3
Aroclor-1260-1	6.323	6.224	6.424	456.540	500.000	-8.7
Aroclor-1260-2	6.510	6.412	6.612	452.200	500.000	-9.6
Aroclor-1260-3	6.663	6.564	6.764	447.010	500.000	-10.6
Aroclor-1260-4	7.131	7.033	7.233	445.490	500.000	-10.9
Aroclor-1260-5	7.372	7.273	7.473	439.920	500.000	-12.0
Decachlorobiphenyl	8.762	8.666	8.866	41.610	50.000	-16.8
Tetrachloro-m-xylene	3.772	3.671	3.871	46.870	50.000	-6.3

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 18:10
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: Dec 09 01:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.618	3.772	82750439	97632236	45.083	46.873
2)	SA Decachlor...	10.366	8.762	65577315	73413194	43.757	41.605
	Target Compounds						
3)	L1 AR-1016-1	5.769	4.849	30323127	34553183	449.132	459.663
4)	L1 AR-1016-2	5.791	4.867	46200861	51511674	457.852	463.265
5)	L1 AR-1016-3	5.853	5.042	29372123	26928422	451.917	464.573
6)	L1 AR-1016-4	5.950	5.084	24342177	21650614	454.625	463.108
7)	L1 AR-1016-5	6.243	5.296	23759369	28696812	460.728	463.297
31)	L7 AR-1260-1	7.359	6.323	38659445	49809126	445.095	456.537
32)	L7 AR-1260-2	7.612	6.510	44579224	60134036	431.318	452.199
33)	L7 AR-1260-3	7.969	6.663	35403434	55382077	440.424	447.012
34)	L7 AR-1260-4	8.196	7.131	40850059	46276680	436.099	445.489
35)	L7 AR-1260-5	8.519	7.372	72996309	108.7E6	429.349	439.920

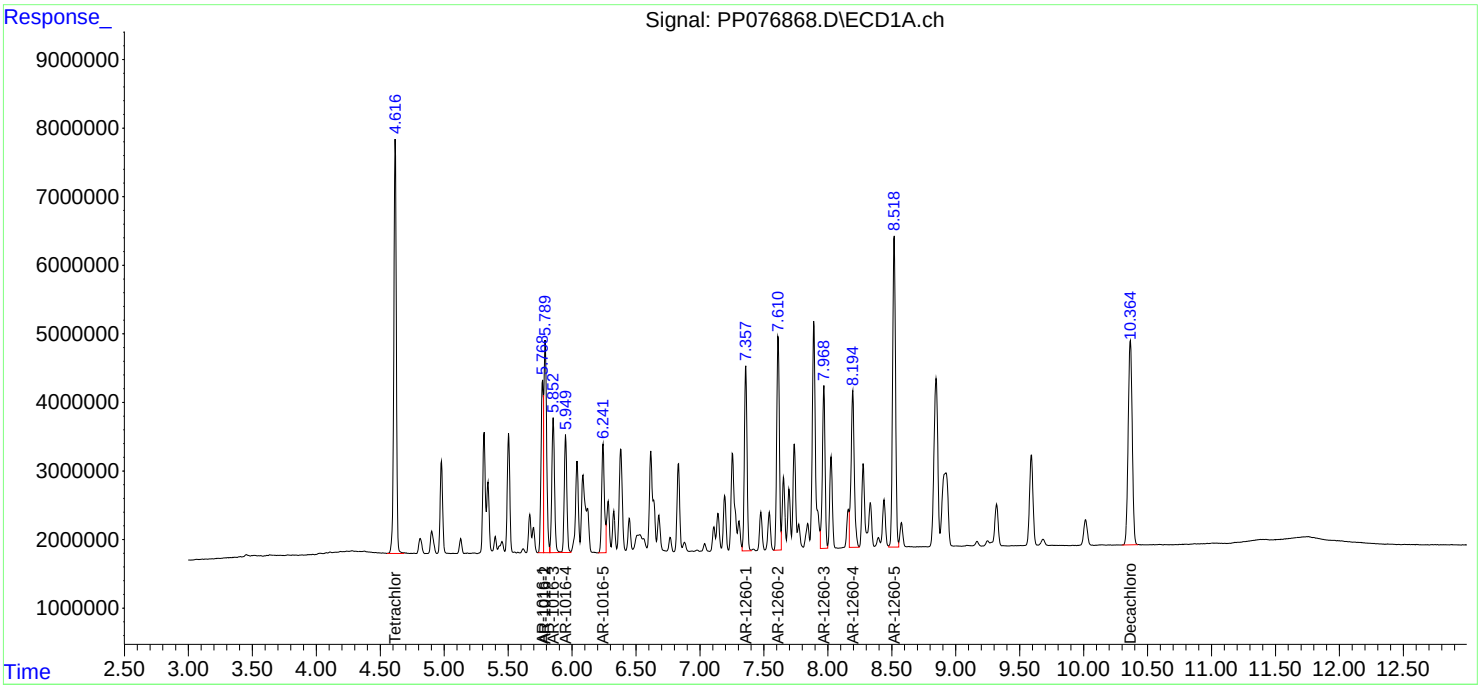
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

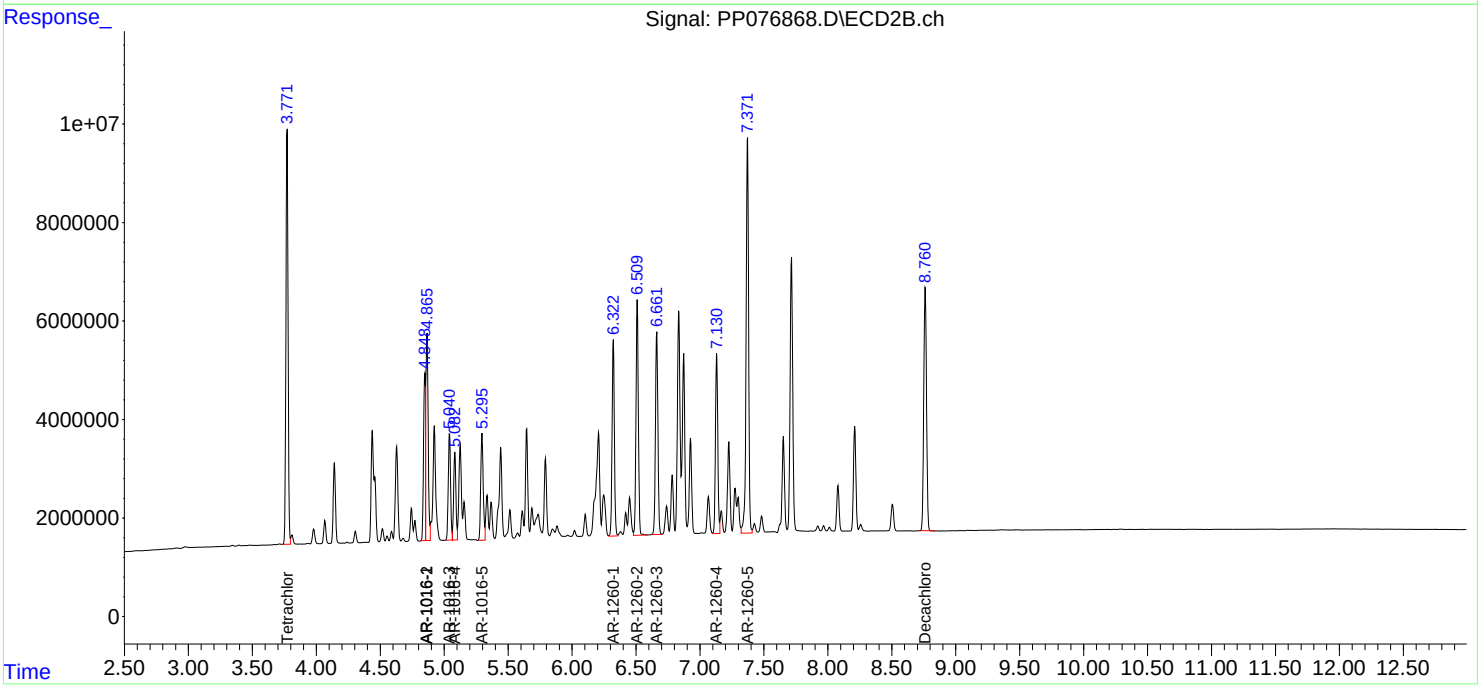
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076868.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 18:10
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 01:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Analytical Sequence

Client: Tully Construction Co., Inc. **SDG No.:** Q3790

Project: MTA 26 Stations - Pierrepont **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/21/2025 11/21/2025

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 #
I.BLK	I.BLK	11/21/2025	10:27	PP076598.D	10.37	4.62
AR1660ICC1000	AR1660ICC1000	11/21/2025	10:44	PP076599.D	10.37	4.62
AR1660ICC750	AR1660ICC750	11/21/2025	11:00	PP076600.D	10.37	4.62
AR1660ICC500	AR1660ICC500	11/21/2025	11:17	PP076601.D	10.37	4.61
AR1660ICC250	AR1660ICC250	11/21/2025	11:33	PP076602.D	10.37	4.62
AR1660ICC050	AR1660ICC050	11/21/2025	11:49	PP076603.D	10.36	4.62
AR1221ICC500	AR1221ICC500	11/21/2025	12:38	PP076604.D	10.37	4.62
AR1232ICC500	AR1232ICC500	11/21/2025	12:56	PP076605.D	10.38	4.62
AR1242ICC1000	AR1242ICC1000	11/21/2025	13:15	PP076606.D	10.38	4.62
AR1242ICC750	AR1242ICC750	11/21/2025	13:32	PP076607.D	10.37	4.62
AR1242ICC500	AR1242ICC500	11/21/2025	13:48	PP076608.D	10.37	4.62
AR1242ICC250	AR1242ICC250	11/21/2025	14:05	PP076609.D	10.37	4.62
AR1242ICC050	AR1242ICC050	11/21/2025	14:21	PP076610.D	10.37	4.62
AR1248ICC1000	AR1248ICC1000	11/21/2025	14:54	PP076611.D	10.37	4.62
AR1248ICC750	AR1248ICC750	11/21/2025	15:10	PP076612.D	10.37	4.62
AR1248ICC500	AR1248ICC500	11/21/2025	15:32	PP076613.D	10.38	4.63
AR1248ICC250	AR1248ICC250	11/21/2025	15:49	PP076614.D	10.37	4.62
AR1248ICC050	AR1248ICC050	11/21/2025	16:05	PP076615.D	10.37	4.62
AR1254ICC1000	AR1254ICC1000	11/21/2025	16:38	PP076616.D	10.37	4.62
AR1254ICC750	AR1254ICC750	11/21/2025	16:55	PP076617.D	10.37	4.62
AR1254ICC500	AR1254ICC500	11/21/2025	17:11	PP076618.D	10.37	4.62
AR1254ICC250	AR1254ICC250	11/21/2025	17:28	PP076619.D	10.36	4.61
AR1254ICC050	AR1254ICC050	11/21/2025	17:44	PP076620.D	10.37	4.62
AR1262ICC500	AR1262ICC500	11/21/2025	18:17	PP076621.D	10.37	4.62
AR1268ICC1000	AR1268ICC1000	11/21/2025	18:33	PP076622.D	10.37	4.62
AR1268ICC750	AR1268ICC750	11/21/2025	18:50	PP076623.D	10.37	4.62
AR1268ICC500	AR1268ICC500	11/21/2025	19:06	PP076624.D	10.37	4.62
AR1268ICC250	AR1268ICC250	11/21/2025	19:23	PP076625.D	10.37	4.62
AR1268ICC050	AR1268ICC050	11/21/2025	19:39	PP076626.D	10.37	4.62
AR1660CCC500	AR1660CCC500	12/08/2025	09:58	PP076853.D	10.38	4.63
I.BLK	I.BLK	12/08/2025	11:10	PP076857.D	10.36	4.62
PB170862BL	PB170862BL	12/08/2025	14:36	PP076858.D	10.37	4.62
PB170862BS	PB170862BS	12/08/2025	14:52	PP076859.D	10.37	4.62
304 FURMAN SOIL	Q3790-01	12/08/2025	15:09	PP076860.D	10.36	4.62
304 FURMAN SOILMS	Q3790-01MS	12/08/2025	15:25	PP076861.D	10.37	4.62
304 FURMAN SOILMSD	Q3790-01MSD	12/08/2025	15:42	PP076862.D	10.37	4.62
AR1660CCC500	AR1660CCC500	12/08/2025	18:10	PP076868.D	10.37	4.62
I.BLK	I.BLK	12/08/2025	19:32	PP076872.D	10.36	4.62

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Fax : 908 789 8922

Analytical Sequence

Client: Tully Construction Co., Inc. **SDG No.:** Q3790

Project: MTA 26 Stations - Pierrepont **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 11/21/2025 11/21/2025

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 #
I.BLK	I.BLK	11/21/2025	10:27	PP076598.D	8.77	3.78
AR1660ICC1000	AR1660ICC1000	11/21/2025	10:44	PP076599.D	8.77	3.78
AR1660ICC750	AR1660ICC750	11/21/2025	11:00	PP076600.D	8.77	3.77
AR1660ICC500	AR1660ICC500	11/21/2025	11:17	PP076601.D	8.77	3.77
AR1660ICC250	AR1660ICC250	11/21/2025	11:33	PP076602.D	8.77	3.78
AR1660ICC050	AR1660ICC050	11/21/2025	11:49	PP076603.D	8.77	3.77
AR1221ICC500	AR1221ICC500	11/21/2025	12:38	PP076604.D	8.77	3.77
AR1232ICC500	AR1232ICC500	11/21/2025	12:56	PP076605.D	8.77	3.77
AR1242ICC1000	AR1242ICC1000	11/21/2025	13:15	PP076606.D	8.77	3.77
AR1242ICC750	AR1242ICC750	11/21/2025	13:32	PP076607.D	8.77	3.77
AR1242ICC500	AR1242ICC500	11/21/2025	13:48	PP076608.D	8.77	3.77
AR1242ICC250	AR1242ICC250	11/21/2025	14:05	PP076609.D	8.77	3.77
AR1242ICC050	AR1242ICC050	11/21/2025	14:21	PP076610.D	8.77	3.77
AR1248ICC1000	AR1248ICC1000	11/21/2025	14:54	PP076611.D	8.77	3.77
AR1248ICC750	AR1248ICC750	11/21/2025	15:10	PP076612.D	8.77	3.77
AR1248ICC500	AR1248ICC500	11/21/2025	15:32	PP076613.D	8.77	3.78
AR1248ICC250	AR1248ICC250	11/21/2025	15:49	PP076614.D	8.77	3.77
AR1248ICC050	AR1248ICC050	11/21/2025	16:05	PP076615.D	8.77	3.77
AR1254ICC1000	AR1254ICC1000	11/21/2025	16:38	PP076616.D	8.77	3.77
AR1254ICC750	AR1254ICC750	11/21/2025	16:55	PP076617.D	8.77	3.78
AR1254ICC500	AR1254ICC500	11/21/2025	17:11	PP076618.D	8.77	3.77
AR1254ICC250	AR1254ICC250	11/21/2025	17:28	PP076619.D	8.77	3.77
AR1254ICC050	AR1254ICC050	11/21/2025	17:44	PP076620.D	8.77	3.78
AR1262ICC500	AR1262ICC500	11/21/2025	18:17	PP076621.D	8.77	3.77
AR1268ICC1000	AR1268ICC1000	11/21/2025	18:33	PP076622.D	8.77	3.78
AR1268ICC750	AR1268ICC750	11/21/2025	18:50	PP076623.D	8.77	3.77
AR1268ICC500	AR1268ICC500	11/21/2025	19:06	PP076624.D	8.77	3.78
AR1268ICC250	AR1268ICC250	11/21/2025	19:23	PP076625.D	8.77	3.77
AR1268ICC050	AR1268ICC050	11/21/2025	19:39	PP076626.D	8.77	3.77
AR1660CCC500	AR1660CCC500	12/08/2025	09:58	PP076853.D	8.77	3.77
I.BLK	I.BLK	12/08/2025	11:10	PP076857.D	8.76	3.77
PB170862BL	PB170862BL	12/08/2025	14:36	PP076858.D	8.77	3.77
PB170862BS	PB170862BS	12/08/2025	14:52	PP076859.D	8.77	3.77
304 FURMAN SOIL	Q3790-01	12/08/2025	15:09	PP076860.D	8.76	3.77
304 FURMAN SOILMS	Q3790-01MS	12/08/2025	15:25	PP076861.D	8.76	3.77
304 FURMAN SOILMSD	Q3790-01MSD	12/08/2025	15:42	PP076862.D	8.76	3.77
AR1660CCC500	AR1660CCC500	12/08/2025	18:10	PP076868.D	8.76	3.77
I.BLK	I.BLK	12/08/2025	19:32	PP076872.D	8.76	3.77

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170862BS

Lab Name: Alliance Contract: TULL02

Lab Code: ACE SDG NO.: Q3790

Lab Sample ID: PB170862BS Date(s) Analyzed: 12/08/2025 12/08/2025

Instrument ID (1): ECD_P Instrument ID (2): ECD_P

GC Column: (1): ZB-MR1 ID: 0.32 (mm) GC Column:(2): ZB-MR2 ID: 0.32 (mm)

Data file PP076859.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.773	5.723	5.823	146		
	2	5.794	5.744	5.844	152		
	3	5.856	5.806	5.906	149		
COLUMN 1	4	5.954	5.904	6.004	150		
	5	6.245	6.195	6.295	146	149	
	1	4.851	4.801	4.901	142		
	2	4.868	4.818	4.918	148		
	3	5.044	4.994	5.094	145		
	4	5.085	5.035	5.135	144		
COLUMN 2	5	5.298	5.248	5.348	140	144	3.41
Aroclor-1260	1	7.362	7.312	7.412	150		
	2	7.614	7.564	7.664	145		
	3	7.971	7.921	8.021	125		
COLUMN 1	4	8.196	8.146	8.246	128		
	5	8.521	8.471	8.571	126	135	
	1	6.325	6.275	6.375	149		
	2	6.512	6.462	6.562	147		
	3	6.664	6.614	6.714	148		
	4	7.133	7.083	7.183	129		
COLUMN 2	5	7.374	7.324	7.424	127	140	3.64

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Fax : 908 789 8922

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
304 FURMAN SOILMS

Lab Name: Alliance
Contract: TULL02
Lab Code: ACE
SDG NO.: Q3790
Lab Sample ID: Q3790-01MS
Date(s) Analyzed: 12/08/2025 12/08/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP076861.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.769	5.719	5.819	144		
	2	5.791	5.741	5.841	148		
	3	5.853	5.803	5.903	151		
COLUMN 1	4	5.95	5.9	6	166		
	5	6.241	6.191	6.291	149	152	
	1	4.848	4.798	4.898	133		
	2	4.865	4.815	4.915	137		
	3	5.041	4.991	5.091	135		
	4	5.083	5.033	5.133	132		
COLUMN 2	5	5.295	5.245	5.345	123	132	14.08
Aroclor-1260	1	7.358	7.308	7.408	141		
	2	7.609	7.559	7.659	173		
	3	7.969	7.919	8.019	106		
COLUMN 1	4	8.194	8.144	8.244	119		
	5	8.519	8.469	8.569	108	130	
	1	6.322	6.272	6.372	142		
	2	6.509	6.459	6.559	134		
	3	6.661	6.611	6.711	127		
	4	7.13	7.08	7.18	109		
COLUMN 2	5	7.371	7.321	7.421	104	123	5.53

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.
304 FURMAN SOILMSD

Lab Name: Alliance
Contract: TULL02
Lab Code: ACE
SDG NO.: Q3790
Lab Sample ID: Q3790-01MSD
Date(s) Analyzed: 12/08/2025 12/08/2025
Instrument ID (1): ECD_P
Instrument ID (2): ECD_P
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PP076862.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.771	5.721	5.821	155		
	2	5.792	5.742	5.842	155		
	3	5.854	5.804	5.904	155		
COLUMN 1	4	5.951	5.901	6.001	173		
	5	6.242	6.192	6.292	163	160	
	1	4.85	4.8	4.9	145		
	2	4.867	4.817	4.917	147		
	3	5.042	4.992	5.092	145		
	4	5.084	5.034	5.134	143		
COLUMN 2	5	5.296	5.246	5.346	132	142	11.92
Aroclor-1260	1	7.359	7.309	7.409	148		
	2	7.611	7.561	7.661	184		
	3	7.971	7.921	8.021	112		
COLUMN 1	4	8.195	8.145	8.245	126		
	5	8.52	8.47	8.57	114	137	
	1	6.324	6.274	6.374	151		
	2	6.511	6.461	6.561	143		
	3	6.663	6.613	6.713	135		
	4	7.132	7.082	7.182	116		
COLUMN 2	5	7.372	7.322	7.422	111	131	4.48

QC SAMPLE DATA

Raw Data: **PP076858.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	
Project:	MTA 26 Stations - Pierrepont	Date Received:	
Client Sample ID:	PB170862BL	SDG No.:	Q3790
Lab Sample ID:	PB170862BL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 12/08/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.0039	U	1	0.0039	0.017	mg/Kg	12/08/25 14:36	PB170862
11104-28-2	Aroclor-1221	0.0040	U	1	0.0040	0.017	mg/Kg	12/08/25 14:36	PB170862
11141-16-5	Aroclor-1232	0.0037	U	1	0.0037	0.017	mg/Kg	12/08/25 14:36	PB170862
53469-21-9	Aroclor-1242	0.0040	U	1	0.0040	0.017	mg/Kg	12/08/25 14:36	PB170862
12672-29-6	Aroclor-1248	0.0059	U	1	0.0059	0.017	mg/Kg	12/08/25 14:36	PB170862
11097-69-1	Aroclor-1254	0.0032	U	1	0.0032	0.017	mg/Kg	12/08/25 14:36	PB170862
37324-23-5	Aroclor-1262	0.0050	U	1	0.0050	0.017	mg/Kg	12/08/25 14:36	PB170862
11100-14-4	Aroclor-1268	0.0036	U	1	0.0036	0.017	mg/Kg	12/08/25 14:36	PB170862
11096-82-5	Aroclor-1260	0.0032	U	1	0.0032	0.017	mg/Kg	12/08/25 14:36	PB170862
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.0			21 - 165	115%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.3			10 - 170	111%	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\PP120825\
Data File : PP076858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 14:36
Operator : YP\AJ
Sample : PB170862BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170862BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:59:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.622	3.773	42230439	46161647	23.007	22.162
2)	SA Decachlor...	10.373	8.766	33355739	35616808	22.257	20.185
	Target Compounds						

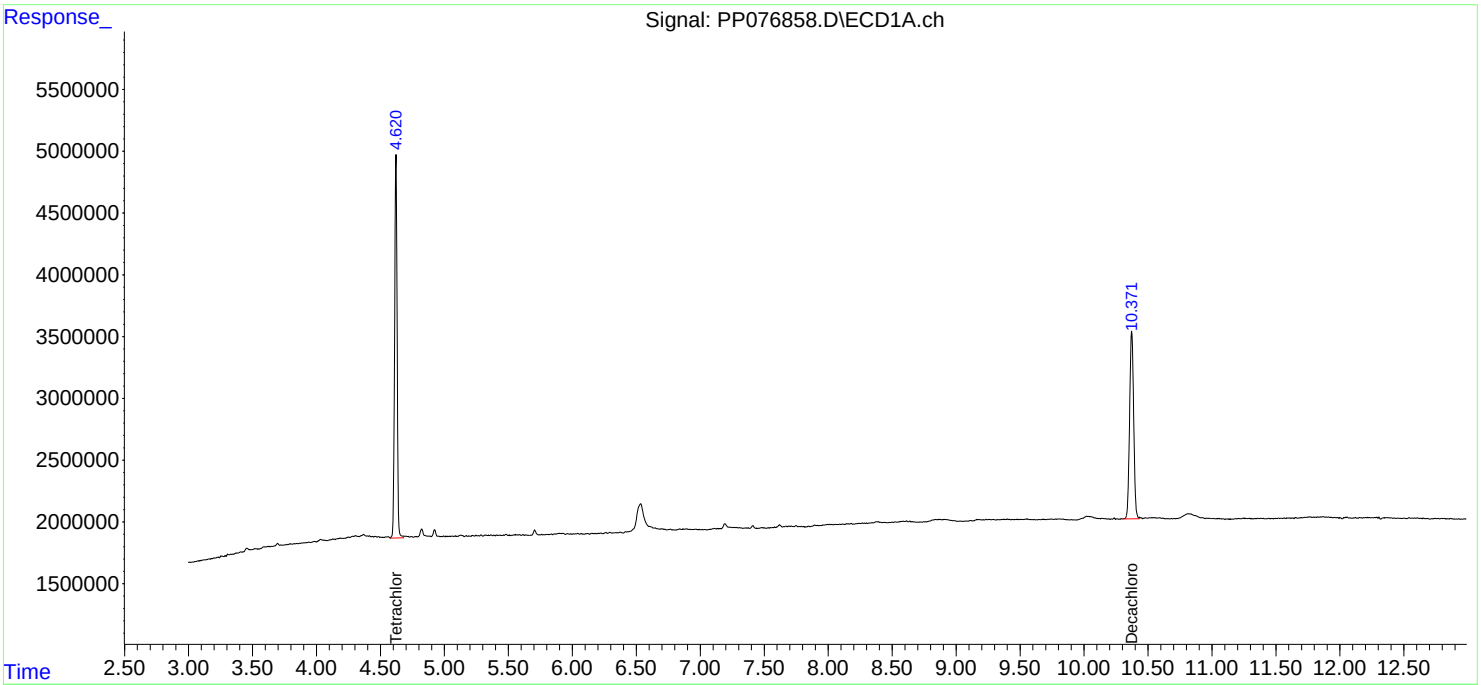
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

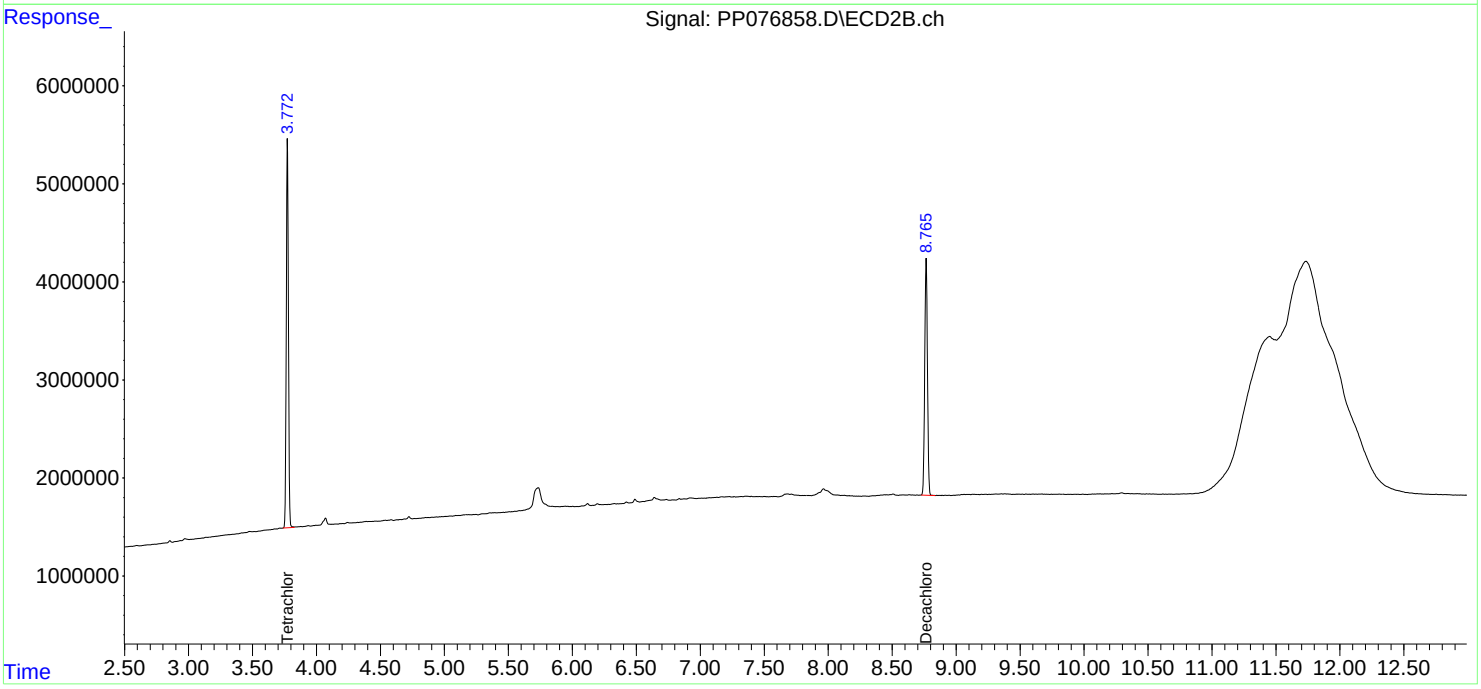
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076858.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 14:36
Operator : YP\AJ
Sample : PB170862BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

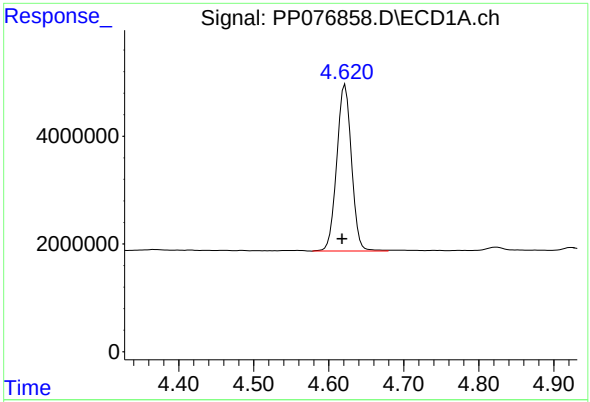
Instrument :
ECD_P
ClientSampleId :
PB170862BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:59:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



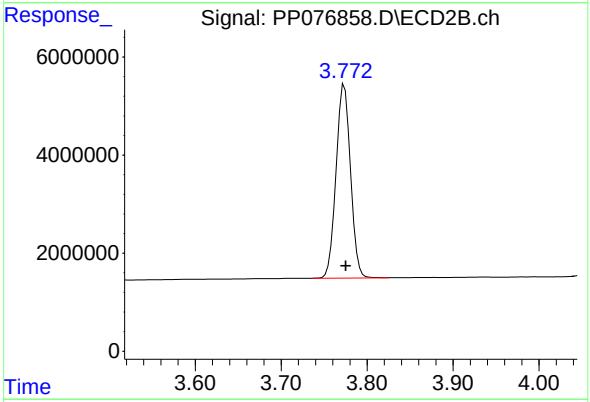




#1 Tetrachloro-m-xylene

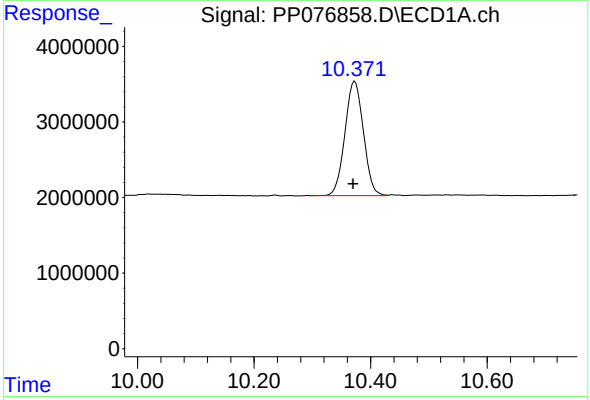
R.T.: 4.622 min
Delta R.T.: 0.004 min
Response: 42230439
Conc: 23.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170862BL



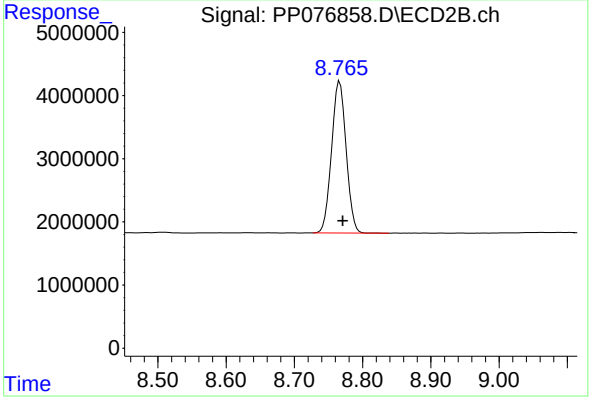
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: -0.002 min
Response: 46161647
Conc: 22.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.373 min
Delta R.T.: 0.003 min
Response: 33355739
Conc: 22.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.766 min
Delta R.T.: -0.005 min
Response: 35616808
Conc: 20.19 ng/ml

Raw Data: **PP076598.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	11/21/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	11/21/25
Client Sample ID:	PIBLK-PP076598.D	SDG No.:	Q3790
Lab Sample ID:	I.BLK-PP076598.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	0.000097	U	1	0.000097	0.00050	mg/L	11/21/25	PP112125
11104-28-2	Aroclor-1221	0.00013	U	1	0.00013	0.00050	mg/L	11/21/25	PP112125
11141-16-5	Aroclor-1232	0.000096	U	1	0.000096	0.00050	mg/L	11/21/25	PP112125
53469-21-9	Aroclor-1242	0.00012	U	1	0.00012	0.00050	mg/L	11/21/25	PP112125
12672-29-6	Aroclor-1248	0.000071	U	1	0.000071	0.00050	mg/L	11/21/25	PP112125
11097-69-1	Aroclor-1254	0.000094	U	1	0.000094	0.00050	mg/L	11/21/25	PP112125
11096-82-5	Aroclor-1260	0.000081	U	1	0.000081	0.00050	mg/L	11/21/25	PP112125
37324-23-5	Aroclor-1262	0.00014	U	1	0.00014	0.00050	mg/L	11/21/25	PP112125
11100-14-4	Aroclor-1268	0.00011	U	1	0.00011	0.00050	mg/L	11/21/25	PP112125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.3			60 - 140	106%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.1			60 - 140	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\PP112125\
Data File : PP076598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:27
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: Nov 21 22:53:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.619	3.776	40392693	44374286	22.006	21.304
2)	SA Decachlor...	10.370	8.771	34975302	38940520	23.337	22.069
	Target Compounds						

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

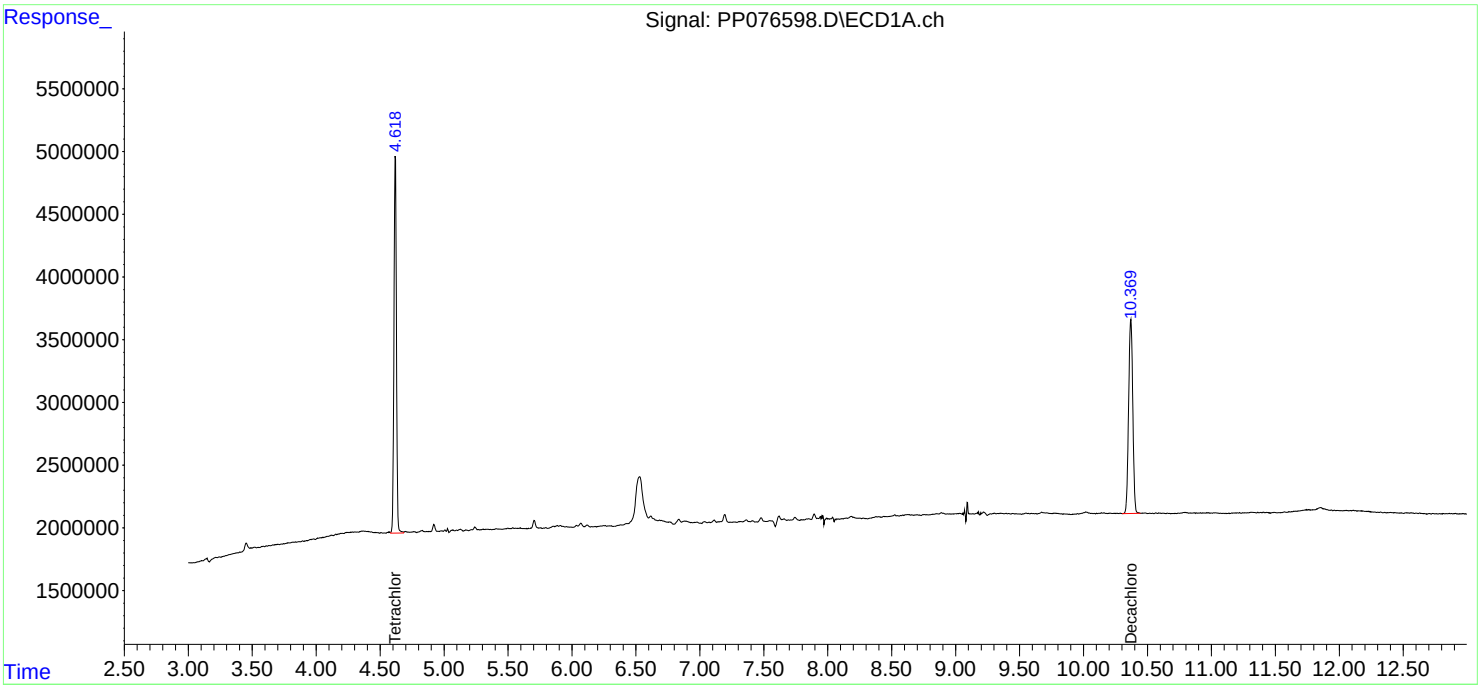
Sample Results: **PP076598.D**

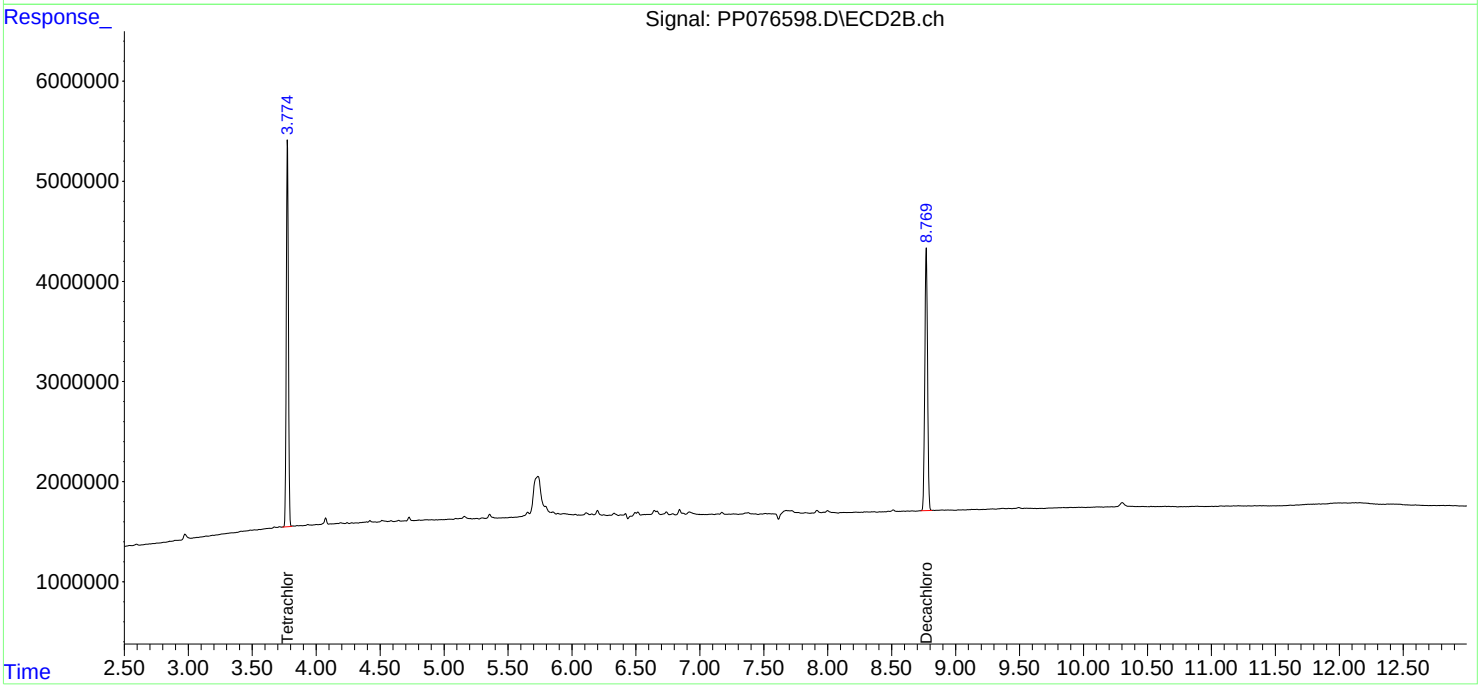
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP112125\
Data File : PP076598.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Nov 2025 10:27
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

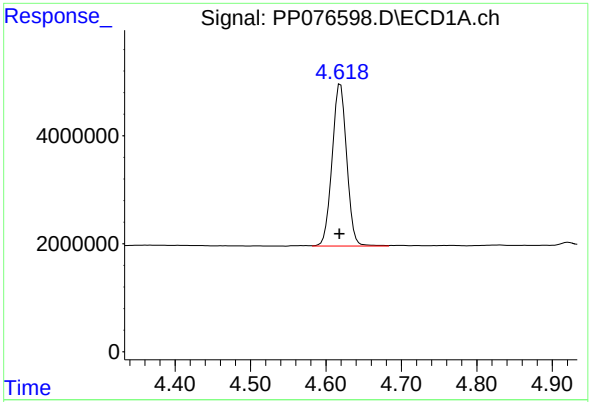
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 22:53:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



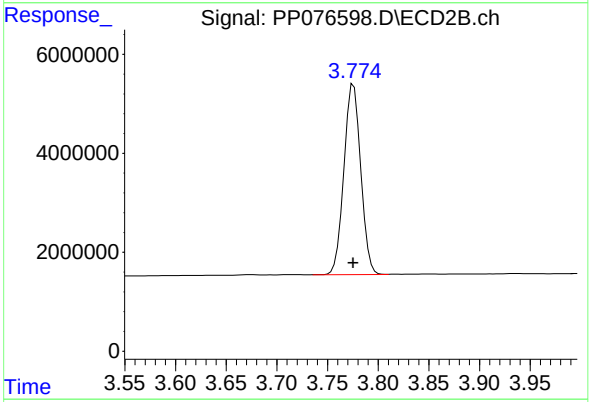




#1 Tetrachloro-m-xylene

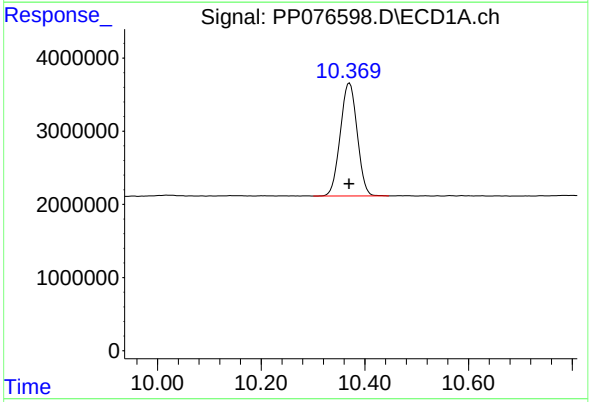
R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 40392693
Conc: 22.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



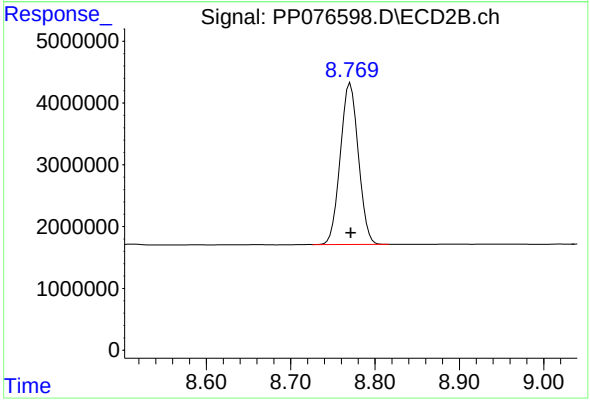
#1 Tetrachloro-m-xylene

R.T.: 3.776 min
Delta R.T.: 0.000 min
Response: 44374286
Conc: 21.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.370 min
Delta R.T.: 0.000 min
Response: 34975302
Conc: 23.34 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.771 min
Delta R.T.: 0.000 min
Response: 38940520
Conc: 22.07 ng/ml

Raw Data: **PP076857.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/08/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/08/25
Client Sample ID:	PIBLK-PP076857.D	SDG No.:	Q3790
Lab Sample ID:	I.BLK-PP076857.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	0.000097	U	1	0.000097	0.00050	mg/L	12/08/25	PP120825
11104-28-2	Aroclor-1221	0.00013	U	1	0.00013	0.00050	mg/L	12/08/25	PP120825
11141-16-5	Aroclor-1232	0.000096	U	1	0.000096	0.00050	mg/L	12/08/25	PP120825
53469-21-9	Aroclor-1242	0.00012	U	1	0.00012	0.00050	mg/L	12/08/25	PP120825
12672-29-6	Aroclor-1248	0.000071	U	1	0.000071	0.00050	mg/L	12/08/25	PP120825
11097-69-1	Aroclor-1254	0.000094	U	1	0.000094	0.00050	mg/L	12/08/25	PP120825
11096-82-5	Aroclor-1260	0.000081	U	1	0.000081	0.00050	mg/L	12/08/25	PP120825
37324-23-5	Aroclor-1262	0.00014	U	1	0.00014	0.00050	mg/L	12/08/25	PP120825
11100-14-4	Aroclor-1268	0.00011	U	1	0.00011	0.00050	mg/L	12/08/25	PP120825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.2			60 - 140	86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.9			60 - 140	80%	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\PP120825\
Data File : PP076857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 11:10
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: Dec 09 00:58:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.615	3.769	34591064	35823785	18.845	17.199
2)	SA Decachlor...	10.361	8.761	27636466	28143968	18.441	15.950
	Target Compounds						

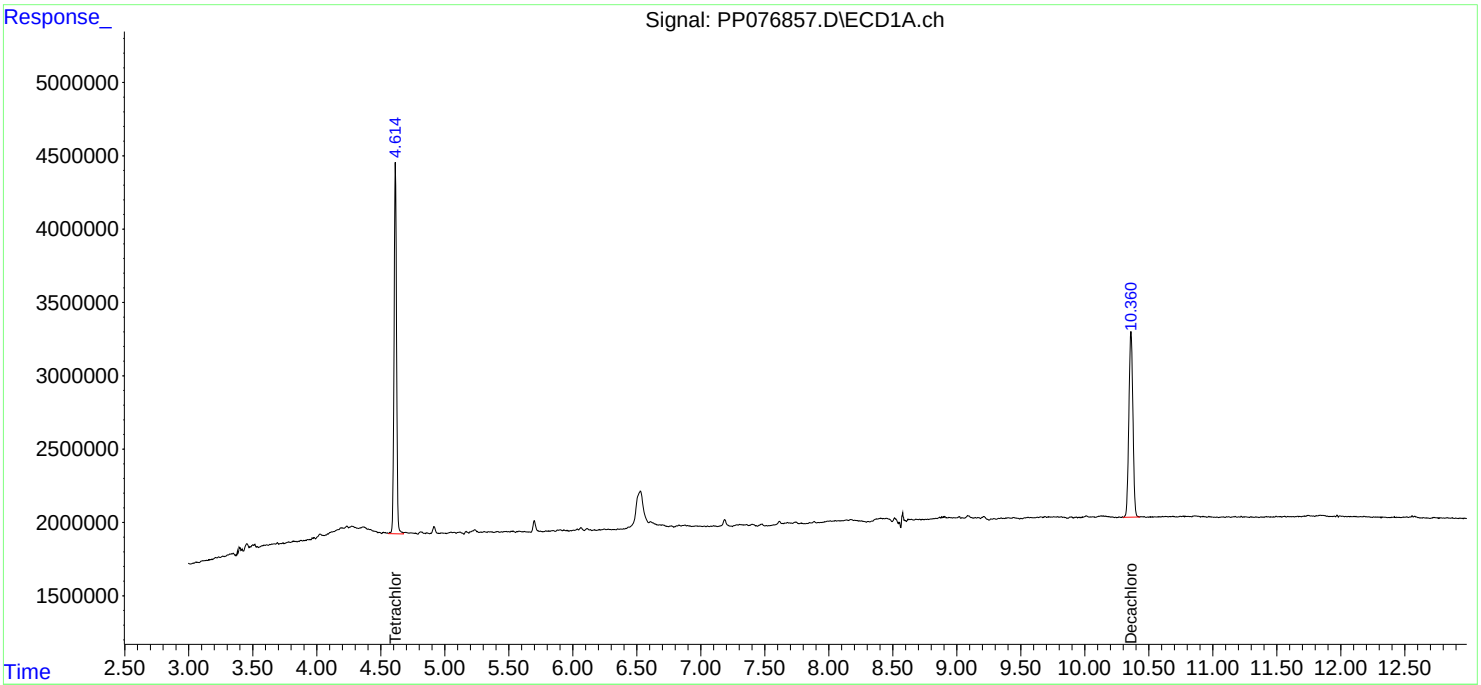
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

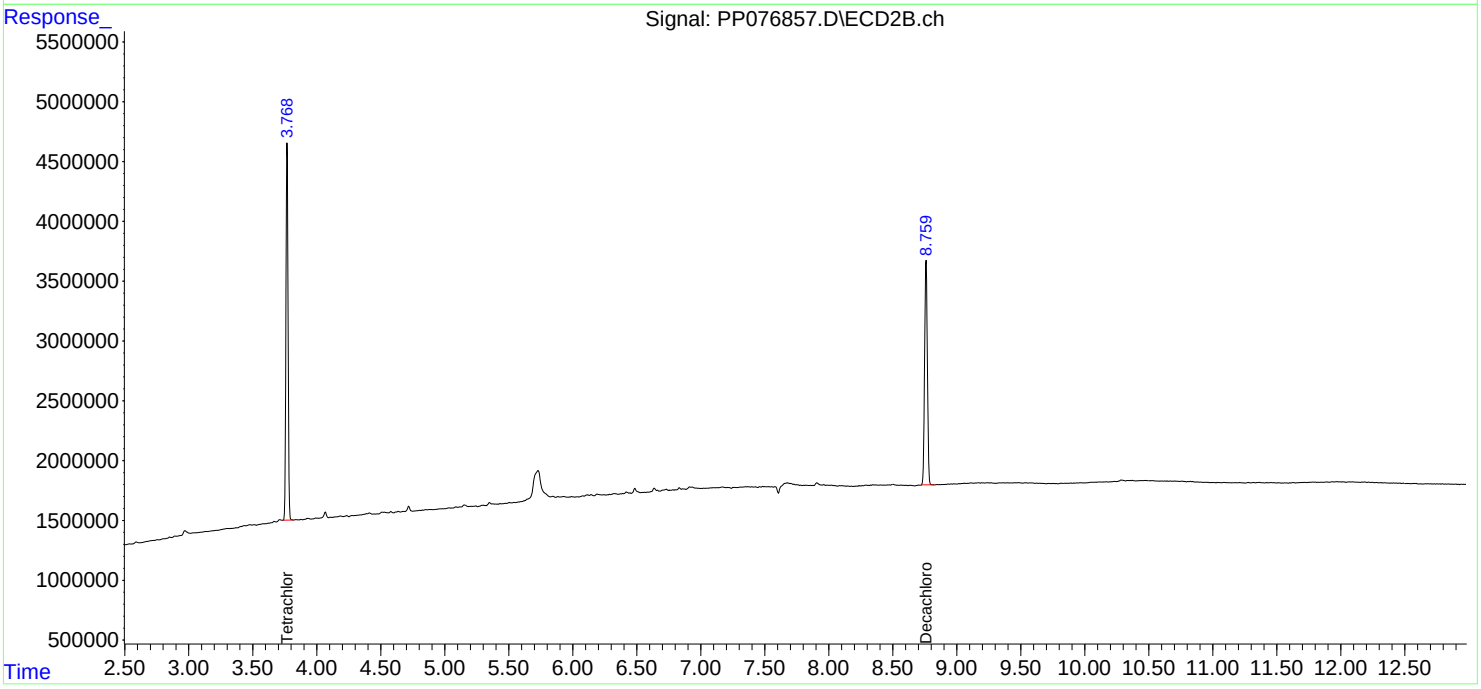
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076857.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 11:10
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

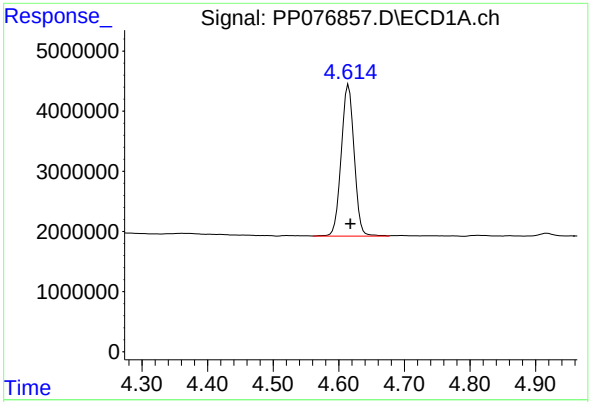
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:58:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



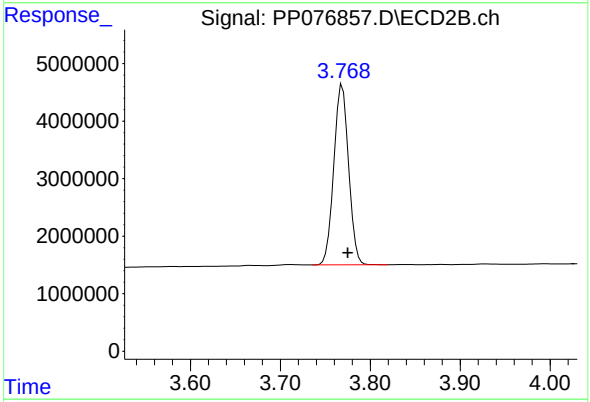




#1 Tetrachloro-m-xylene

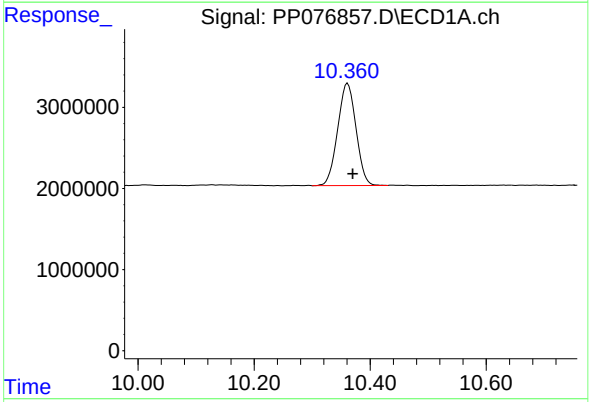
R.T.: 4.615 min
Delta R.T.: -0.003 min
Response: 34591064
Conc: 18.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



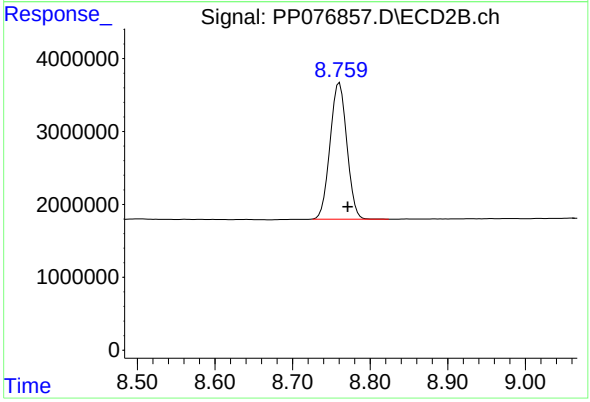
#1 Tetrachloro-m-xylene

R.T.: 3.769 min
Delta R.T.: -0.006 min
Response: 35823785
Conc: 17.20 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.361 min
Delta R.T.: -0.008 min
Response: 27636466
Conc: 18.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.761 min
Delta R.T.: -0.011 min
Response: 28143968
Conc: 15.95 ng/ml

Raw Data: **PP076872.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/08/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/08/25
Client Sample ID:	PIBLK-PP076872.D	SDG No.:	Q3790
Lab Sample ID:	I.BLK-PP076872.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	0.000097	U	1	0.000097	0.00050	mg/L	12/08/25	PP120825
11104-28-2	Aroclor-1221	0.00013	U	1	0.00013	0.00050	mg/L	12/08/25	PP120825
11141-16-5	Aroclor-1232	0.000096	U	1	0.000096	0.00050	mg/L	12/08/25	PP120825
53469-21-9	Aroclor-1242	0.00012	U	1	0.00012	0.00050	mg/L	12/08/25	PP120825
12672-29-6	Aroclor-1248	0.000071	U	1	0.000071	0.00050	mg/L	12/08/25	PP120825
11097-69-1	Aroclor-1254	0.000094	U	1	0.000094	0.00050	mg/L	12/08/25	PP120825
11096-82-5	Aroclor-1260	0.000081	U	1	0.000081	0.00050	mg/L	12/08/25	PP120825
37324-23-5	Aroclor-1262	0.00014	U	1	0.00014	0.00050	mg/L	12/08/25	PP120825
11100-14-4	Aroclor-1268	0.00011	U	1	0.00011	0.00050	mg/L	12/08/25	PP120825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.8			60 - 140	84%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.0			60 - 140	80%	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\PP120825\
Data File : PP076872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 19:32
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: Dec 09 02:00:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.618	3.773	32821731	34995351	17.882	16.801
2)	SA Decachlor...	10.363	8.764	26850106	28249262	17.916	16.010
	Target Compounds						

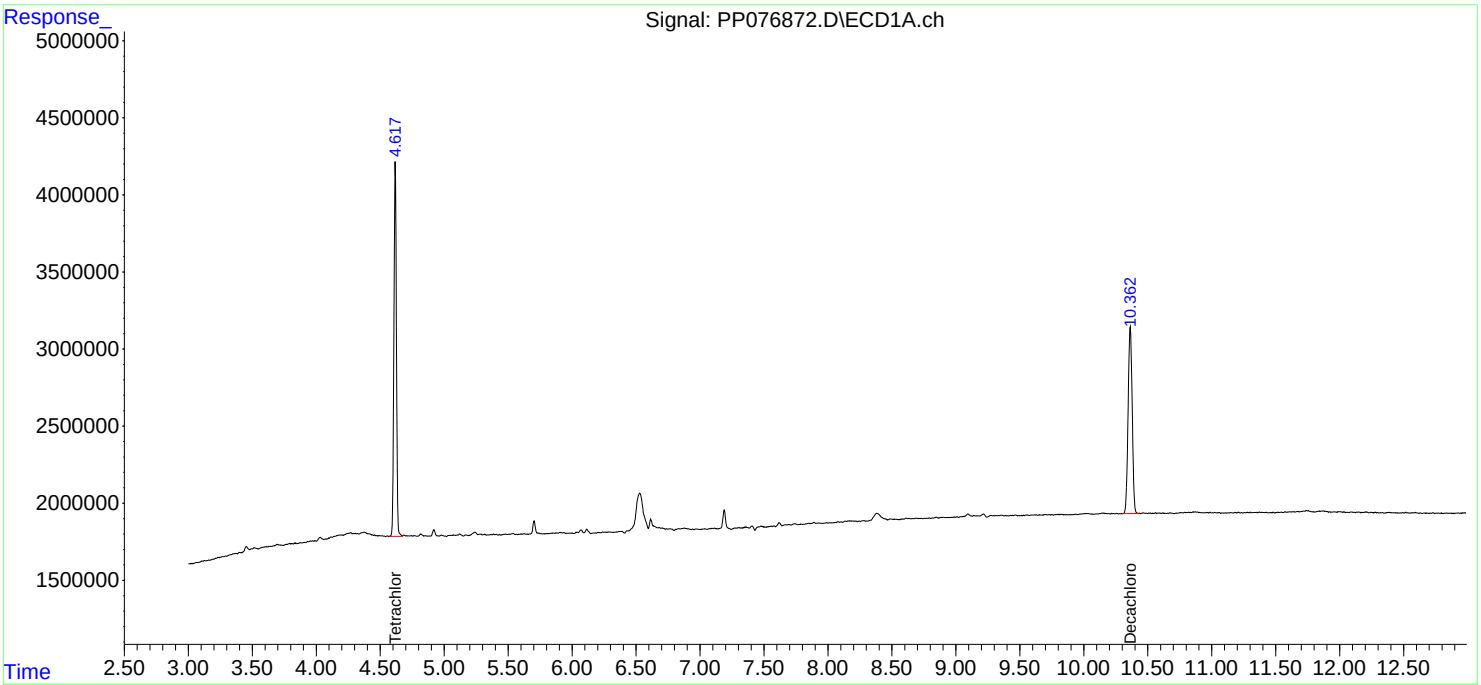
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

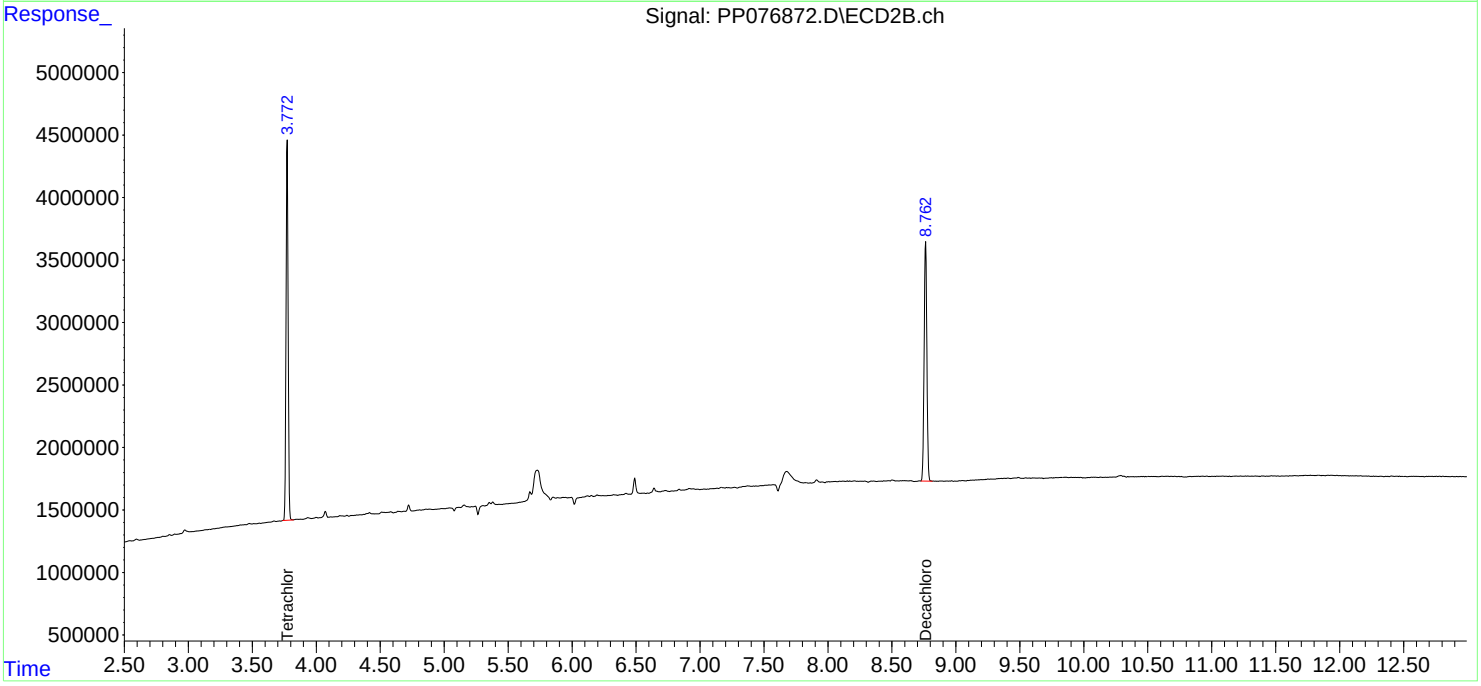
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076872.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 19:32
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

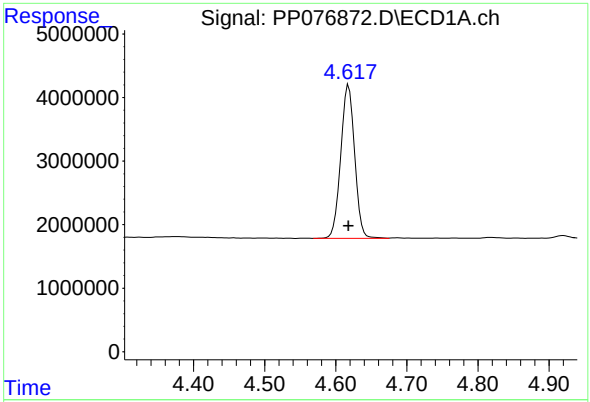
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 02:00:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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



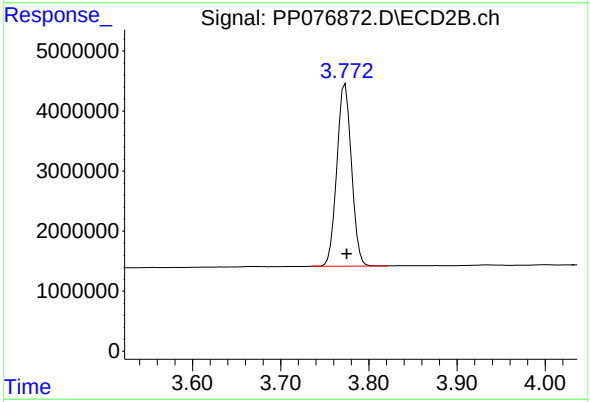




#1 Tetrachloro-m-xylene

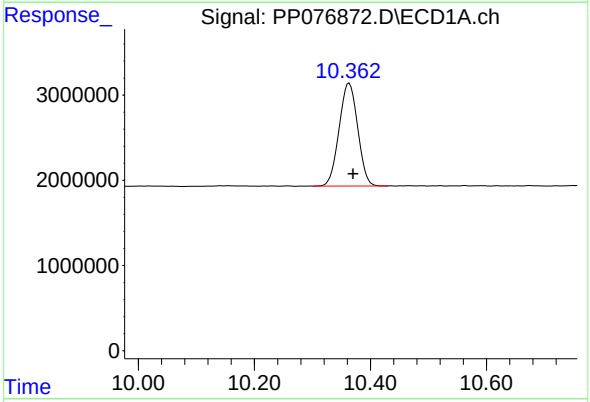
R.T.: 4.618 min
Delta R.T.: 0.000 min
Response: 32821731
Conc: 17.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



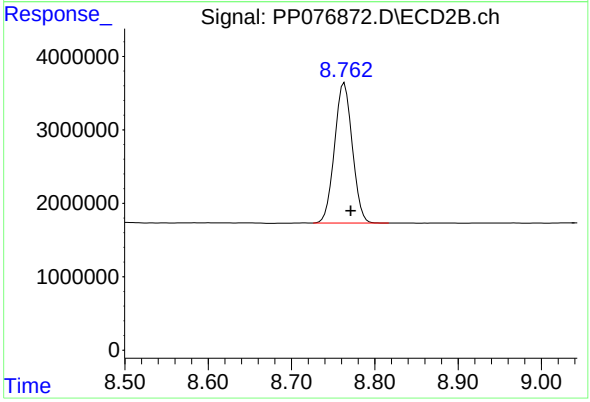
#1 Tetrachloro-m-xylene

R.T.: 3.773 min
Delta R.T.: -0.002 min
Response: 34995351
Conc: 16.80 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.363 min
Delta R.T.: -0.006 min
Response: 26850106
Conc: 17.92 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: -0.008 min
Response: 28249262
Conc: 16.01 ng/ml

Raw Data: **PP076859.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	
Project:	MTA 26 Stations - Pierrepont	Date Received:	
Client Sample ID:	PB170862BS	SDG No.:	Q3790
Lab Sample ID:	PB170862BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541B	Prep Date: 12/08/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.15		1	0.0039	0.017	mg/Kg	12/08/25 14:52	PB170862
11104-28-2	Aroclor-1221	0.0040	U	1	0.0040	0.017	mg/Kg	12/08/25 14:52	PB170862
11141-16-5	Aroclor-1232	0.0037	U	1	0.0037	0.017	mg/Kg	12/08/25 14:52	PB170862
53469-21-9	Aroclor-1242	0.0040	U	1	0.0040	0.017	mg/Kg	12/08/25 14:52	PB170862
12672-29-6	Aroclor-1248	0.0059	U	1	0.0059	0.017	mg/Kg	12/08/25 14:52	PB170862
11097-69-1	Aroclor-1254	0.0032	U	1	0.0032	0.017	mg/Kg	12/08/25 14:52	PB170862
37324-23-5	Aroclor-1262	0.0050	U	1	0.0050	0.017	mg/Kg	12/08/25 14:52	PB170862
11100-14-4	Aroclor-1268	0.0036	U	1	0.0036	0.017	mg/Kg	12/08/25 14:52	PB170862
11096-82-5	Aroclor-1260	0.14		1	0.0032	0.017	mg/Kg	12/08/25 14:52	PB170862
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.8			21 - 165	119%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.6			10 - 170	113%	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

Sample Results: **PP076859.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076859.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 14:52
Operator : YP\AJ
Sample : PB170862BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170862BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:59:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.621	3.774	43588713	44490220	23.747	21.360
2)	SA Decachlor...	10.370	8.765	33812935	35691934	22.562	20.228
	Target Compounds						
3)	L1 AR-1016-1	5.773	4.851	29637891	32068463	438.983	426.608
4)	L1 AR-1016-2	5.794	4.868	46083569	49275697	456.690	443.156
5)	L1 AR-1016-3	5.856	5.044	29016121	25283940	446.440	436.202
6)	L1 AR-1016-4	5.954	5.085	24057321	20197561	449.305	432.027
7)	L1 AR-1016-5	6.245	5.298	22672704	26034591	439.656	420.317
31)	L7 AR-1260-1	7.362	6.325	39067348	48932847	449.792	448.506
32)	L7 AR-1260-2	7.614	6.512	45008255	58717480	435.469	441.547
33)	L7 AR-1260-3	7.971	6.664	30250963	54958837	376.327	443.596
34)	L7 AR-1260-4	8.196	7.133	35888849	40240513	383.135m	387.381
35)	L7 AR-1260-5	8.521	7.374	64146944	94210035	377.299	381.227

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076859.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 14:52
Operator : YP\AJ
Sample : PB170862BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

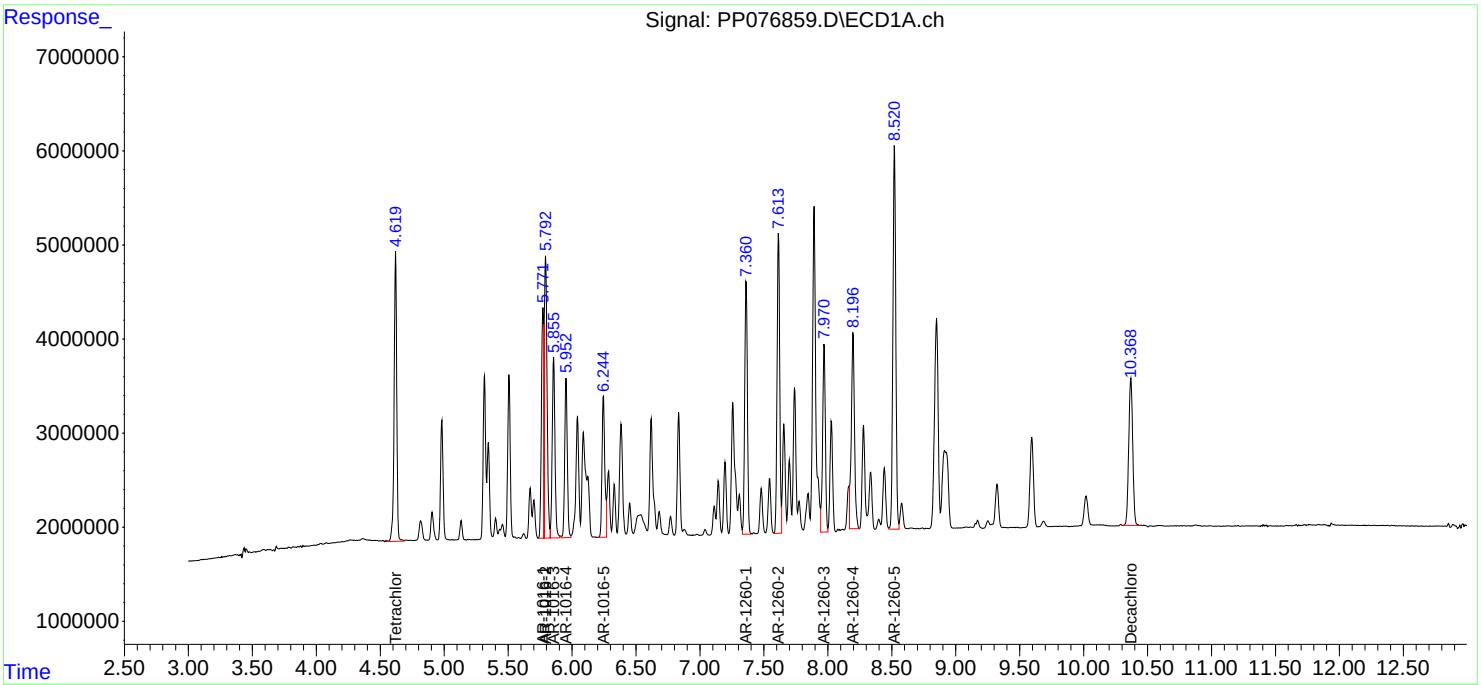
Instrument :
ECD_P
ClientSampleId :
PB170862BS

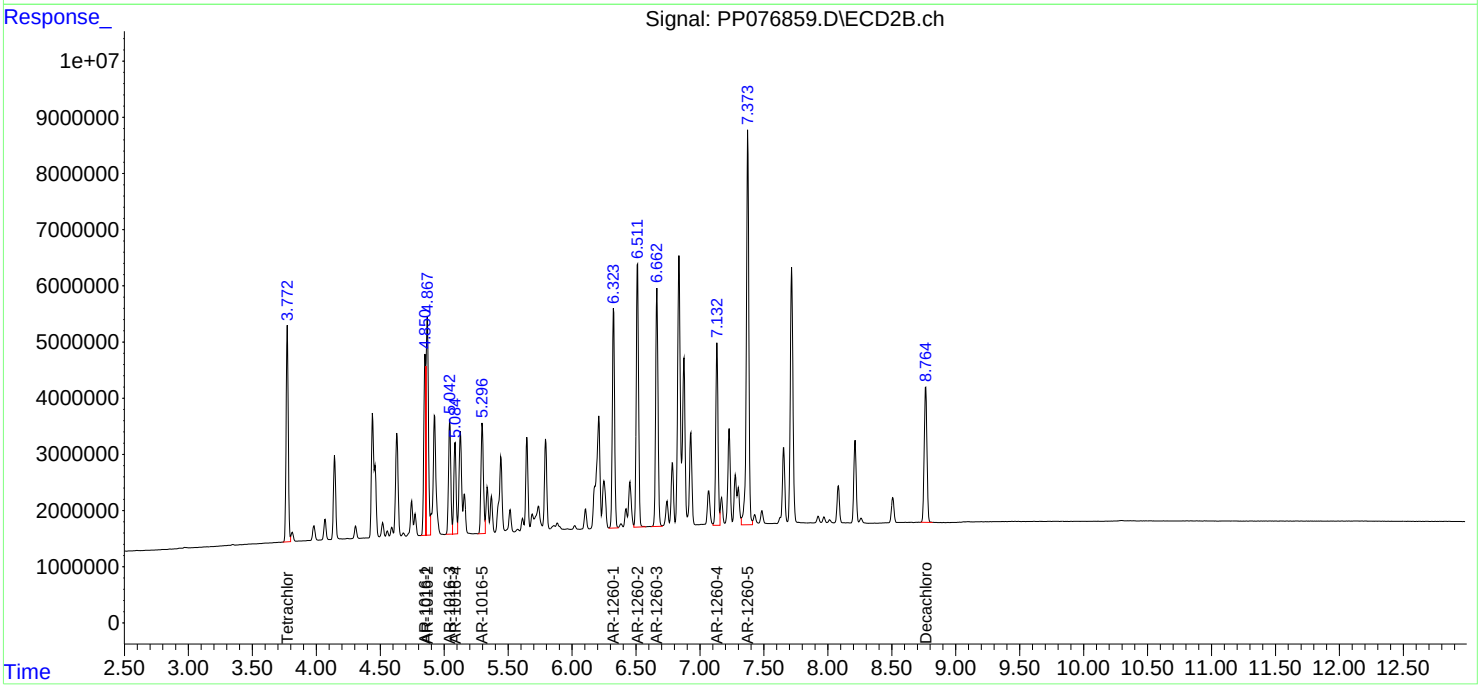
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 00:59:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PP076861.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOILMS	SDG No.:	Q3790
Lab Sample ID:	Q3790-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.15		1	0.0046	0.020	mg/Kg	12/08/25 15:25	PB170862
11104-28-2	Aroclor-1221	0.0047	U	1	0.0047	0.020	mg/Kg	12/08/25 15:25	PB170862
11141-16-5	Aroclor-1232	0.0043	U	1	0.0043	0.020	mg/Kg	12/08/25 15:25	PB170862
53469-21-9	Aroclor-1242	0.0046	U	1	0.0046	0.020	mg/Kg	12/08/25 15:25	PB170862
12672-29-6	Aroclor-1248	0.0068	U	1	0.0068	0.020	mg/Kg	12/08/25 15:25	PB170862
11097-69-1	Aroclor-1254	0.0037	U	1	0.0037	0.020	mg/Kg	12/08/25 15:25	PB170862
37324-23-5	Aroclor-1262	0.0058	U	1	0.0058	0.020	mg/Kg	12/08/25 15:25	PB170862
11100-14-4	Aroclor-1268	0.0042	U	1	0.0042	0.020	mg/Kg	12/08/25 15:25	PB170862
11096-82-5	Aroclor-1260	0.13		1	0.0037	0.020	mg/Kg	12/08/25 15:25	PB170862
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.9			21 - 165	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.2			10 - 170	71%	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

Sample Results: **PP076861.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 15:25
Operator : YP\AJ
Sample : Q3790-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOILMS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 01:00:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.617	3.771	34634761	33972402	18.869	16.310
2)	SA Decachlor...	10.365	8.762	21226661	21878194	14.164	12.399
	Target Compounds						
3)	L1 AR-1016-1	5.769	4.848	25279567	25935535	374.429	345.022
4)	L1 AR-1016-2	5.791	4.865	38699976	39582271	383.518	355.979
5)	L1 AR-1016-3	5.853	5.041	25529949	20251427	392.802	349.381
6)	L1 AR-1016-4	5.950	5.083	23040063	16031699	430.306	342.919
7)	L1 AR-1016-5	6.241	5.295	19922103	19786993	386.318m	319.452
31)	L7 AR-1260-1	7.358	6.322	31736744	40302698	365.393m	369.404
32)	L7 AR-1260-2	7.609	6.509	46300757	46144243	447.974m	346.998
33)	L7 AR-1260-3	7.969	6.661	22190054	40830382	276.048	329.559
34)	L7 AR-1260-4	8.194	7.130	29017570	29301561	309.780m	282.076
35)	L7 AR-1260-5	8.519	7.371	47749336	66848801	280.852	270.508

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

Sample Results: **PP076861.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076861.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 15:25
Operator : YP\AJ
Sample : Q3790-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

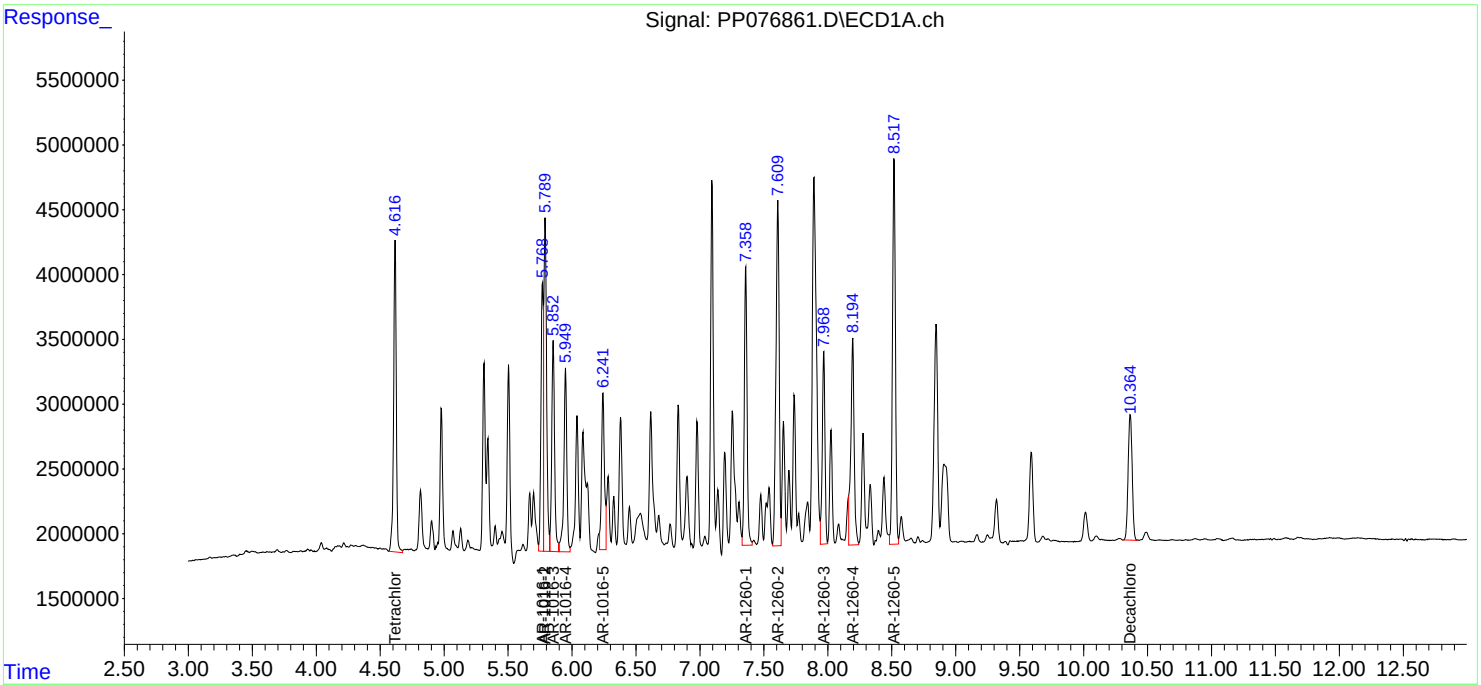
Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOILMS

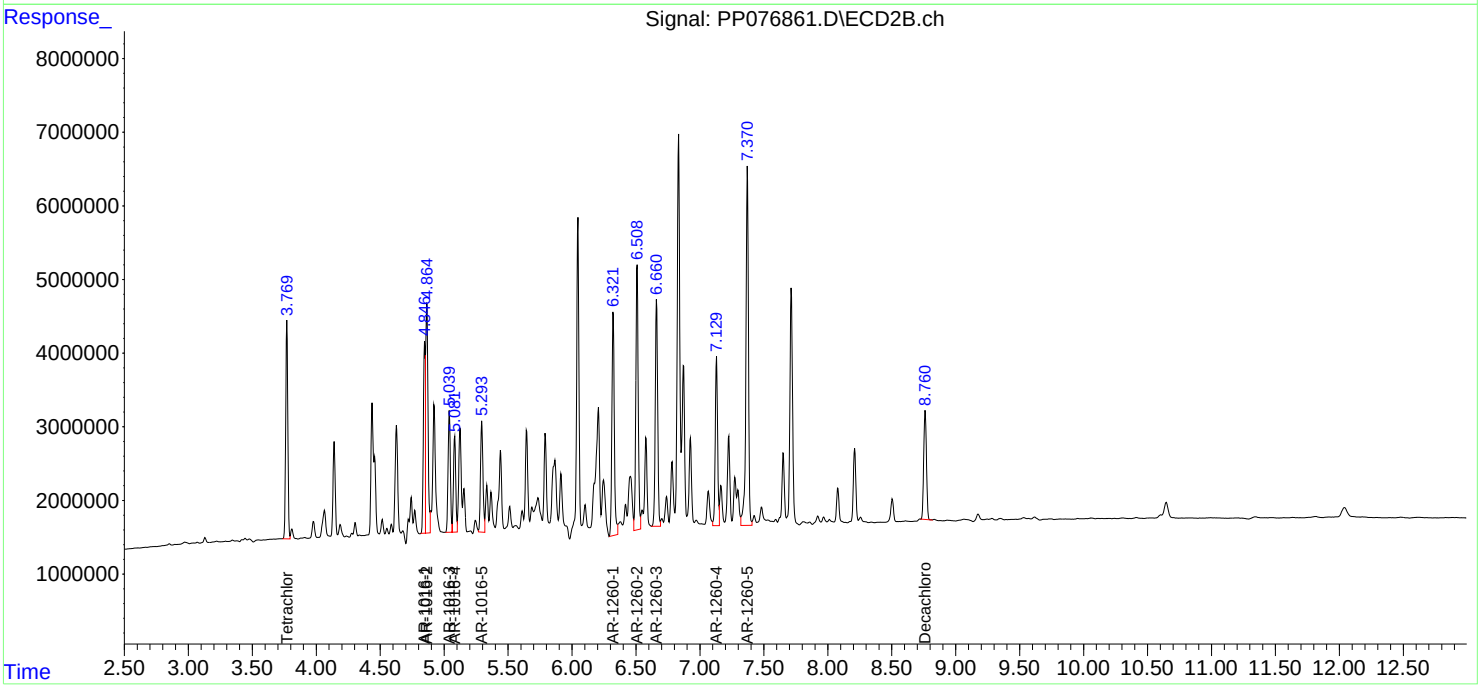
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 01:00:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





Raw Data: **PP076862.D**

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

Report of Analysis

Client:	Tully Construction Co., Inc.	Date Collected:	12/05/25
Project:	MTA 26 Stations - Pierrepont	Date Received:	12/05/25
Client Sample ID:	304 FURMAN SOILMSD	SDG No.:	Q3790
Lab Sample ID:	Q3790-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B Prep Date: 12/08/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.16		1	0.0046	0.020	mg/Kg	12/08/25 15:42	PB170862
11104-28-2	Aroclor-1221	0.0047	U	1	0.0047	0.020	mg/Kg	12/08/25 15:42	PB170862
11141-16-5	Aroclor-1232	0.0043	U	1	0.0043	0.020	mg/Kg	12/08/25 15:42	PB170862
53469-21-9	Aroclor-1242	0.0046	U	1	0.0046	0.020	mg/Kg	12/08/25 15:42	PB170862
12672-29-6	Aroclor-1248	0.0069	U	1	0.0069	0.020	mg/Kg	12/08/25 15:42	PB170862
11097-69-1	Aroclor-1254	0.0037	U	1	0.0037	0.020	mg/Kg	12/08/25 15:42	PB170862
37324-23-5	Aroclor-1262	0.0058	U	1	0.0058	0.020	mg/Kg	12/08/25 15:42	PB170862
11100-14-4	Aroclor-1268	0.0042	U	1	0.0042	0.020	mg/Kg	12/08/25 15:42	PB170862
11096-82-5	Aroclor-1260	0.14		1	0.0037	0.020	mg/Kg	12/08/25 15:42	PB170862
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.2			21 - 165	101%	SPK: 20		
2051-24-3	Decachlorobiphenyl	14.8			10 - 170	74%	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

Sample Results: **PP076862.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 15:42
Operator : YP\AJ
Sample : Q3790-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOILMSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 01:00:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.618	3.772	37154339	36849232	20.242	17.691
2)	SA Decachlor...	10.366	8.764	22234723	23022360	14.836	13.047
	Target Compounds						
3)	L1 AR-1016-1	5.771	4.850	27077274	28304009	401.056	376.530
4)	L1 AR-1016-2	5.792	4.867	40552528	42322449	401.877	380.623
5)	L1 AR-1016-3	5.854	5.042	26075062	21853689	401.189	377.023
6)	L1 AR-1016-4	5.951	5.084	24001592	17285068	448.264	369.729
7)	L1 AR-1016-5	6.242	5.296	21740486	21212918	421.579m	342.473
31)	L7 AR-1260-1	7.359	6.324	33286838	42824171	383.239m	392.515
32)	L7 AR-1260-2	7.611	6.511	49359517	49225903	477.568m	370.171
33)	L7 AR-1260-3	7.971	6.663	23314022	43398460	290.030	350.287
34)	L7 AR-1260-4	8.195	7.132	30668420	31211033	327.404m	300.457
35)	L7 AR-1260-5	8.520	7.372	50060369	70952413	294.445	287.114

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP120825\
Data File : PP076862.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Dec 2025 15:42
Operator : YP\AJ
Sample : Q3790-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

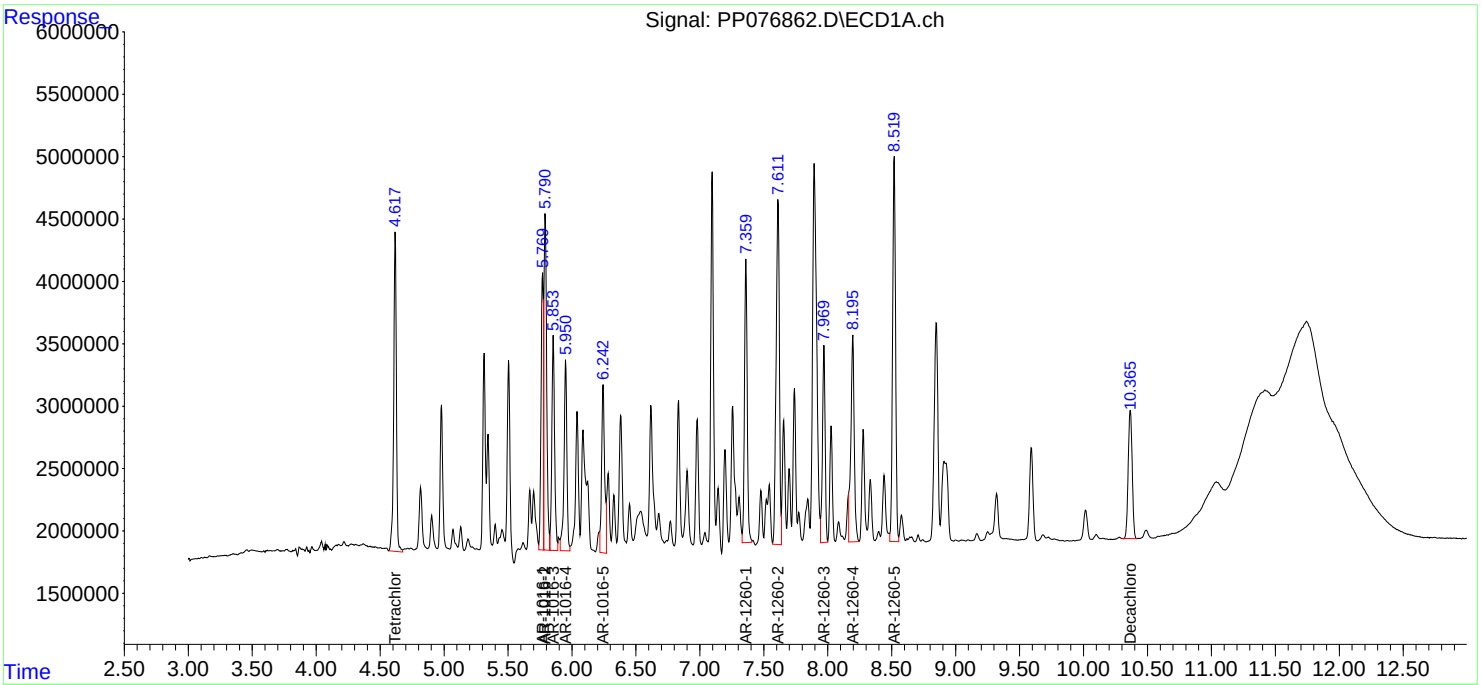
Instrument :
ECD_P
ClientSampleId :
304 FURMAN SOILMSD

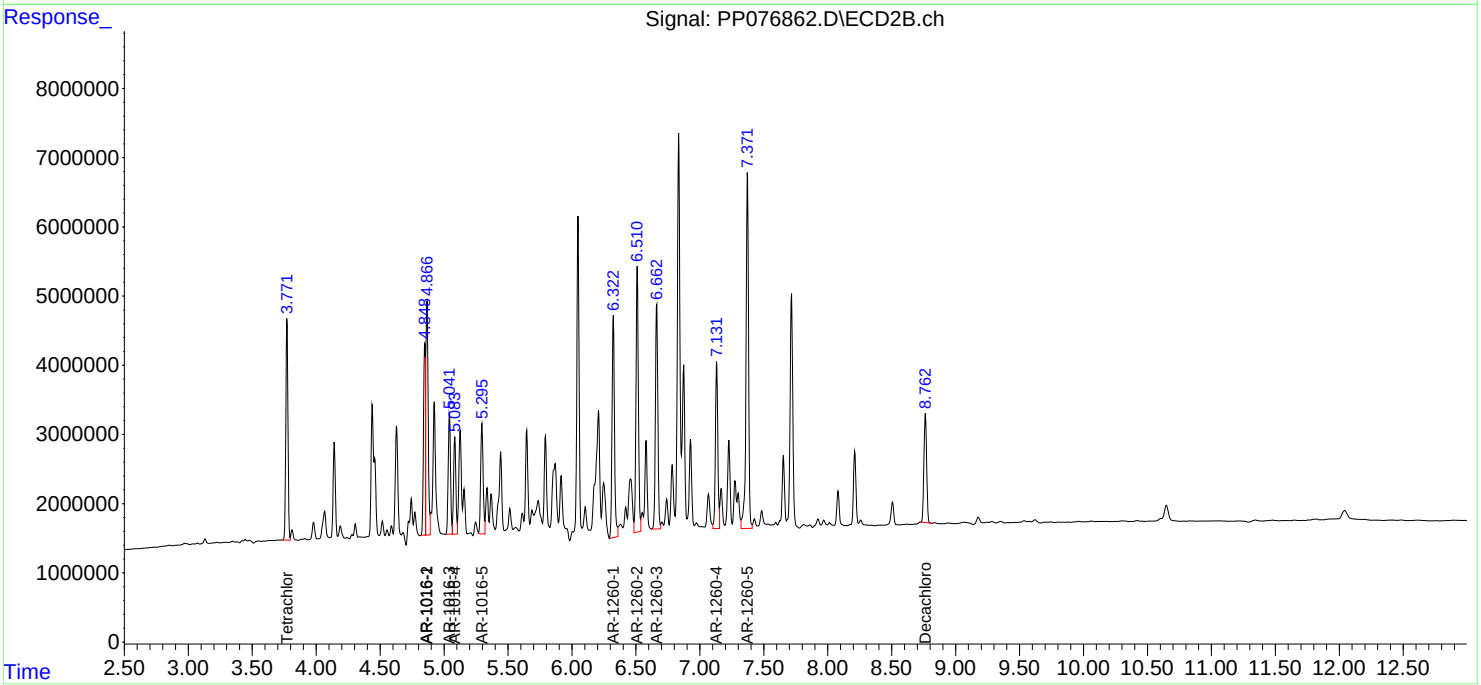
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 12/09/2025
Supervised By :Yogesh Patel 12/09/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 09 01:00:25 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP112125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Nov 21 22:52:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





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

Manual Integration Report

Sequence:	PP112125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PP076603.D	AR-1016-3	Abdul	11/24/2025 11:06:05 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1660ICC050	PP076603.D	AR-1260-1	Abdul	11/24/2025 11:06:05 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1660ICC050	PP076603.D	AR-1260-2	Abdul	11/24/2025 11:06:05 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1660ICC050	PP076603.D	AR-1260-4	Abdul	11/24/2025 11:06:05 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1660ICC050	PP076603.D	Decachlorobiphenyl	Abdul	11/24/2025 11:06:05 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1242ICC050	PP076610.D	AR-1242-5	Abdul	11/24/2025 11:06:00 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1248ICC050	PP076615.D	AR-1248-4	Abdul	11/24/2025 11:05:57 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1248ICC050	PP076615.D	AR-1248-5	Abdul	11/24/2025 11:05:57 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1248ICC050	PP076615.D	AR-1248-5 #2	Abdul	11/24/2025 11:05:57 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1248ICC050	PP076615.D	Decachlorobiphenyl	Abdul	11/24/2025 11:05:57 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC1000	PP076616.D	AR-1254-1	Abdul	11/24/2025 11:05:54 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC1000	PP076616.D	AR-1254-5	Abdul	11/24/2025 11:05:54 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC750	PP076617.D	AR-1254-1	Abdul	11/24/2025 11:05:51 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP112125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICC750	PP076617.D	AR-1254-5	Abdul	11/24/2025 11:05:51 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC500	PP076618.D	AR-1254-1	Abdul	11/24/2025 11:05:46 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC500	PP076618.D	AR-1254-5	Abdul	11/24/2025 11:05:46 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC250	PP076619.D	AR-1254-1	Abdul	11/24/2025 11:05:43 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC250	PP076619.D	AR-1254-5	Abdul	11/24/2025 11:05:43 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC050	PP076620.D	AR-1254-1	Abdul	11/24/2025 11:05:40 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC050	PP076620.D	AR-1254-1 #2	Abdul	11/24/2025 11:05:40 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC050	PP076620.D	AR-1254-2 #2	Abdul	11/24/2025 11:05:40 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICC050	PP076620.D	AR-1254-5	Abdul	11/24/2025 11:05:40 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software
AR1254ICV500	PP076630.D	AR-1254-1	Abdul	11/24/2025 11:05:37 AM	mohammad	11/26/2025 4:59:53	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP120825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP076856.D	AR-1254-1	rahul	12/9/2025 9:21:21 AM	yogesh	12/9/2025 10:34:52	Peak Integrated by Software
AR1254CCC500	PP076856.D	AR-1254-5	rahul	12/9/2025 9:21:21 AM	yogesh	12/9/2025 10:34:52	Peak Integrated by Software
PB170862BS	PP076859.D	AR-1260-4	rahul	12/9/2025 9:21:24 AM	yogesh	12/9/2025 10:34:54	Peak Integrated by Software
Q3790-01MS	PP076861.D	AR-1016-5	rahul	12/9/2025 9:21:27 AM	yogesh	12/9/2025 10:34:57	Peak Integrated by Software
Q3790-01MS	PP076861.D	AR-1260-1	rahul	12/9/2025 9:21:27 AM	yogesh	12/9/2025 10:34:57	Peak Integrated by Software
Q3790-01MS	PP076861.D	AR-1260-2	rahul	12/9/2025 9:21:27 AM	yogesh	12/9/2025 10:34:57	Peak Integrated by Software
Q3790-01MS	PP076861.D	AR-1260-4	rahul	12/9/2025 9:21:27 AM	yogesh	12/9/2025 10:34:57	Peak Integrated by Software
Q3790-01MSD	PP076862.D	AR-1016-5	rahul	12/9/2025 9:21:33 AM	yogesh	12/9/2025 10:35:00	Peak Integrated by Software
Q3790-01MSD	PP076862.D	AR-1260-1	rahul	12/9/2025 9:21:33 AM	yogesh	12/9/2025 10:35:00	Peak Integrated by Software
Q3790-01MSD	PP076862.D	AR-1260-2	rahul	12/9/2025 9:21:33 AM	yogesh	12/9/2025 10:35:00	Peak Integrated by Software
Q3790-01MSD	PP076862.D	AR-1260-4	rahul	12/9/2025 9:21:33 AM	yogesh	12/9/2025 10:35:00	Peak Integrated by Software
AR1254CCC500	PP076871.D	AR-1254-5	rahul	12/9/2025 9:21:47 AM	yogesh	12/9/2025 10:35:10	Peak Integrated by Software
AR1254CCC500	PP076886.D	AR-1254-5	rahul	12/9/2025 9:22:15 AM	yogesh	12/9/2025 10:35:19	Peak Integrated by Software

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Manual Integration Report

Sequence:	PP120825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP076886.D	Decachlorobiphenyl #2	rahul	12/9/2025 9:22:15 AM	yogesh	12/9/2025 10:35:19	Peak Integrated by Software
AR1660CCC500	PP076894.D	AR-1016-1 #2	rahul	12/9/2025 9:22:23 AM	yogesh	12/9/2025 10:35:25	Peak Integrated by Software
AR1660CCC500	PP076894.D	AR-1016-2 #2	rahul	12/9/2025 9:22:23 AM	yogesh	12/9/2025 10:35:25	Peak Integrated by Software
AR1242CCC500	PP076895.D	Decachlorobiphenyl #2	rahul	12/9/2025 9:22:25 AM	yogesh	12/9/2025 10:35:27	Peak Integrated by Software
AR1254CCC500	PP076897.D	AR-1254-1	rahul	12/9/2025 9:22:28 AM	yogesh	12/9/2025 10:35:29	Peak Integrated by Software
AR1254CCC500	PP076897.D	AR-1254-5	rahul	12/9/2025 9:22:28 AM	yogesh	12/9/2025 10:35:29	Peak Integrated by Software
AR1254CCC500	PP076897.D	Decachlorobiphenyl #2	rahul	12/9/2025 9:22:28 AM	yogesh	12/9/2025 10:35:29	Peak Integrated by Software

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP112125

Review By	rahul	Review On	11/21/2025 11:49:27 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:53 AM		
SubDirectory	PP112125	HP Acquire Method		HP Processing Method	PP112125

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	PP076597.D	21 Nov 2025 08:48	YP\AJ	Ok
2	I.BLK	PP076598.D	21 Nov 2025 10:27	YP\AJ	Ok
3	AR1660ICC1000	PP076599.D	21 Nov 2025 10:44	YP\AJ	Ok
4	AR1660ICC750	PP076600.D	21 Nov 2025 11:00	YP\AJ	Ok
5	AR1660ICC500	PP076601.D	21 Nov 2025 11:17	YP\AJ	Ok
6	AR1660ICC250	PP076602.D	21 Nov 2025 11:33	YP\AJ	Ok
7	AR1660ICC050	PP076603.D	21 Nov 2025 11:49	YP\AJ	Ok,M
8	AR1221ICC500	PP076604.D	21 Nov 2025 12:38	YP\AJ	Ok
9	AR1232ICC500	PP076605.D	21 Nov 2025 12:56	YP\AJ	Ok
10	AR1242ICC1000	PP076606.D	21 Nov 2025 13:15	YP\AJ	Ok
11	AR1242ICC750	PP076607.D	21 Nov 2025 13:32	YP\AJ	Ok
12	AR1242ICC500	PP076608.D	21 Nov 2025 13:48	YP\AJ	Ok
13	AR1242ICC250	PP076609.D	21 Nov 2025 14:05	YP\AJ	Ok
14	AR1242ICC050	PP076610.D	21 Nov 2025 14:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP076611.D	21 Nov 2025 14:54	YP\AJ	Ok
16	AR1248ICC750	PP076612.D	21 Nov 2025 15:10	YP\AJ	Ok
17	AR1248ICC500	PP076613.D	21 Nov 2025 15:32	YP\AJ	Ok
18	AR1248ICC250	PP076614.D	21 Nov 2025 15:49	YP\AJ	Ok
19	AR1248ICC050	PP076615.D	21 Nov 2025 16:05	YP\AJ	Ok,M
20	AR1254ICC1000	PP076616.D	21 Nov 2025 16:38	YP\AJ	Ok,M
21	AR1254ICC750	PP076617.D	21 Nov 2025 16:55	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP112125

Review By	rahul	Review On	11/21/2025 11:49:27 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:53 AM		
SubDirectory	PP112125	HP Acquire Method		HP Processing Method	PP112125

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	AR1254ICC500	PP076618.D	21 Nov 2025 17:11	YP\AJ	Ok,M
23	AR1254ICC250	PP076619.D	21 Nov 2025 17:28	YP\AJ	Ok,M
24	AR1254ICC050	PP076620.D	21 Nov 2025 17:44	YP\AJ	Ok,M
25	AR1262ICC500	PP076621.D	21 Nov 2025 18:17	YP\AJ	Ok
26	AR1268ICC1000	PP076622.D	21 Nov 2025 18:33	YP\AJ	Ok
27	AR1268ICC750	PP076623.D	21 Nov 2025 18:50	YP\AJ	Ok
28	AR1268ICC500	PP076624.D	21 Nov 2025 19:06	YP\AJ	Ok
29	AR1268ICC250	PP076625.D	21 Nov 2025 19:23	YP\AJ	Ok
30	AR1268ICC050	PP076626.D	21 Nov 2025 19:39	YP\AJ	Ok
31	PP112125ICV500	PP076627.D	21 Nov 2025 20:12	YP\AJ	Ok
32	AR1242ICV500	PP076628.D	21 Nov 2025 20:45	YP\AJ	Ok
33	AR1248ICV500	PP076629.D	21 Nov 2025 21:18	YP\AJ	Ok
34	AR1254ICV500	PP076630.D	21 Nov 2025 21:51	YP\AJ	Ok,M
35	AR1268ICV500	PP076631.D	21 Nov 2025 22:24	YP\AJ	Ok
36	DDT ANALOG	PP076632.D	21 Nov 2025 22:57	YP\AJ	Ok

M : Manual Integration

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120825

Review By	rahul	Review On	12/9/2025 9:22:44 AM		
Supervise By	yogesh	Supervise On	12/9/2025 10:35:47 AM		
SubDirectory	PP120825	HP Acquire Method		HP Processing Method	PP112125

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,PP2484 4,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	PP076852.D	08 Dec 2025 09:10	YP\AJ	Ok
2	AR1660CCC500	PP076853.D	08 Dec 2025 09:58	YP\AJ	Ok
3	AR1242CCC500	PP076854.D	08 Dec 2025 10:21	YP\AJ	Ok
4	AR1248CCC500	PP076855.D	08 Dec 2025 10:37	YP\AJ	Ok
5	AR1254CCC500	PP076856.D	08 Dec 2025 10:54	YP\AJ	Ok,M
6	I.BLK	PP076857.D	08 Dec 2025 11:10	YP\AJ	Ok
7	PB170862BL	PP076858.D	08 Dec 2025 14:36	YP\AJ	Ok
8	PB170862BS	PP076859.D	08 Dec 2025 14:52	YP\AJ	Ok,M
9	Q3790-01	PP076860.D	08 Dec 2025 15:09	YP\AJ	Ok
10	Q3790-01MS	PP076861.D	08 Dec 2025 15:25	YP\AJ	Ok,M
11	Q3790-01MSD	PP076862.D	08 Dec 2025 15:42	YP\AJ	Ok,M
12	Q3795-01	PP076863.D	08 Dec 2025 15:58	YP\AJ	Ok
13	Q3795-05	PP076864.D	08 Dec 2025 16:14	YP\AJ	Ok,M
14	Q3803-01	PP076865.D	08 Dec 2025 16:31	YP\AJ	Dilution
15	Q3803-02	PP076866.D	08 Dec 2025 16:47	YP\AJ	Dilution
16	Q3803-03	PP076867.D	08 Dec 2025 17:04	YP\AJ	Dilution
17	AR1660CCC500	PP076868.D	08 Dec 2025 18:10	YP\AJ	Ok
18	AR1242CCC500	PP076869.D	08 Dec 2025 18:43	YP\AJ	Ok
19	AR1248CCC500	PP076870.D	08 Dec 2025 18:59	YP\AJ	Ok
20	AR1254CCC500	PP076871.D	08 Dec 2025 19:16	YP\AJ	Ok,M
21	I.BLK	PP076872.D	08 Dec 2025 19:32	YP\AJ	Ok

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120825

Review By	rahul	Review On	12/9/2025 9:22:44 AM		
Supervise By	yogesh	Supervise On	12/9/2025 10:35:47 AM		
SubDirectory	PP120825	HP Acquire Method		HP Processing Method	PP112125

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	PB170863BL	PP076873.D	08 Dec 2025 19:49	YP\AJ	Ok
23	PB170863BS	PP076874.D	08 Dec 2025 20:05	YP\AJ	Ok,M
24	Q3800-01	PP076875.D	08 Dec 2025 20:22	YP\AJ	Ok
25	Q3800-02	PP076876.D	08 Dec 2025 20:38	YP\AJ	Ok
26	Q3800-03	PP076877.D	08 Dec 2025 20:55	YP\AJ	Ok
27	Q3801-01	PP076878.D	08 Dec 2025 21:11	YP\AJ	Ok
28	Q3801-06	PP076879.D	08 Dec 2025 21:27	YP\AJ	Ok
29	Q3806-01	PP076880.D	08 Dec 2025 21:44	YP\AJ	Ok,M
30	Q3806-01MS	PP076881.D	08 Dec 2025 22:00	YP\AJ	Ok,M
31	Q3806-01MSD	PP076882.D	08 Dec 2025 22:17	YP\AJ	Ok,M
32	AR1660CCC500	PP076883.D	08 Dec 2025 23:23	YP\AJ	Ok
33	AR1242CCC500	PP076884.D	08 Dec 2025 23:56	YP\AJ	Ok
34	AR1248CCC500	PP076885.D	09 Dec 2025 00:12	YP\AJ	Ok
35	AR1254CCC500	PP076886.D	09 Dec 2025 00:29	YP\AJ	Ok,M
36	I.BLK	PP076887.D	09 Dec 2025 00:45	YP\AJ	Ok
37	Q3803-14	PP076888.D	09 Dec 2025 01:01	YP\AJ	Dilution
38	Q3804-01	PP076889.D	09 Dec 2025 01:18	YP\AJ	Ok
39	Q3804-03	PP076890.D	09 Dec 2025 01:34	YP\AJ	Ok
40	Q3804-04	PP076891.D	09 Dec 2025 01:51	YP\AJ	ReRun
41	Q3806-04	PP076892.D	09 Dec 2025 02:07	YP\AJ	Ok
42	Q3805-02	PP076893.D	09 Dec 2025 02:24	YP\AJ	Ok
43	AR1660CCC500	PP076894.D	09 Dec 2025 04:19	YP\AJ	Ok,M
44	AR1242CCC500	PP076895.D	09 Dec 2025 04:52	YP\AJ	Ok,M

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Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120825

Review By	rahul	Review On	12/9/2025 9:22:44 AM		
Supervise By	yogesh	Supervise On	12/9/2025 10:35:47 AM		
SubDirectory	PP120825	HP Acquire Method		HP Processing Method	PP112125

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

45	AR1248CCC500	PP076896.D	09 Dec 2025 05:09	YP\AJ	Ok
46	AR1254CCC500	PP076897.D	09 Dec 2025 05:25	YP\AJ	Ok,M
47	I.BLK	PP076898.D	09 Dec 2025 05:42	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP112125

Review By	rahul	Review On	11/21/2025 11:49:27 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:53 AM		
SubDirectory	PP112125	HP Acquire Method		HP Processing Method	PP112125

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	PP076597.D	21 Nov 2025 08:48		YP\AJ	Ok
2	I.BLK	I.BLK	PP076598.D	21 Nov 2025 10:27		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP076599.D	21 Nov 2025 10:44		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP076600.D	21 Nov 2025 11:00		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP076601.D	21 Nov 2025 11:17		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP076602.D	21 Nov 2025 11:33		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP076603.D	21 Nov 2025 11:49		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP076604.D	21 Nov 2025 12:38		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP076605.D	21 Nov 2025 12:56		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PP076606.D	21 Nov 2025 13:15		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PP076607.D	21 Nov 2025 13:32		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PP076608.D	21 Nov 2025 13:48		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PP076609.D	21 Nov 2025 14:05		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PP076610.D	21 Nov 2025 14:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP076611.D	21 Nov 2025 14:54		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PP076612.D	21 Nov 2025 15:10		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PP076613.D	21 Nov 2025 15:32		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PP076614.D	21 Nov 2025 15:49		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP112125

Review By	rahul	Review On	11/21/2025 11:49:27 AM		
Supervise By	mohammad	Supervise On	11/26/2025 4:59:53 AM		
SubDirectory	PP112125	HP Acquire Method		HP Processing Method	PP112125

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	AR1248ICC050	AR1248ICC050	PP076615.D	21 Nov 2025 16:05		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP076616.D	21 Nov 2025 16:38		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP076617.D	21 Nov 2025 16:55		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP076618.D	21 Nov 2025 17:11		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP076619.D	21 Nov 2025 17:28		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP076620.D	21 Nov 2025 17:44		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP076621.D	21 Nov 2025 18:17		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP076622.D	21 Nov 2025 18:33		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP076623.D	21 Nov 2025 18:50		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP076624.D	21 Nov 2025 19:06		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP076625.D	21 Nov 2025 19:23		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP076626.D	21 Nov 2025 19:39		YP\AJ	Ok
31	PP112125ICV500	ICVPP112125	PP076627.D	21 Nov 2025 20:12		YP\AJ	Ok
32	AR1242ICV500	ICVPP112125AR1242	PP076628.D	21 Nov 2025 20:45		YP\AJ	Ok
33	AR1248ICV500	ICVPP112125AR1248	PP076629.D	21 Nov 2025 21:18		YP\AJ	Ok
34	AR1254ICV500	ICVPP112125AR1254	PP076630.D	21 Nov 2025 21:51		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP112125AR1268	PP076631.D	21 Nov 2025 22:24		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP076632.D	21 Nov 2025 22:57		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120825

Review By	rahul	Review On	12/9/2025 9:22:44 AM		
Supervise By	yogesh	Supervise On	12/9/2025 10:35:47 AM		
SubDirectory	PP120825	HP Acquire Method		HP Processing Method	PP112125

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	PP076852.D	08 Dec 2025 09:10		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076853.D	08 Dec 2025 09:58		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP076854.D	08 Dec 2025 10:21		YP\AJ	Ok
4	AR1248CCC500	AR1248CCC500	PP076855.D	08 Dec 2025 10:37		YP\AJ	Ok
5	AR1254CCC500	AR1254CCC500	PP076856.D	08 Dec 2025 10:54		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076857.D	08 Dec 2025 11:10		YP\AJ	Ok
7	PB170862BL	PB170862BL	PP076858.D	08 Dec 2025 14:36		YP\AJ	Ok
8	PB170862BS	PB170862BS	PP076859.D	08 Dec 2025 14:52		YP\AJ	Ok,M
9	Q3790-01	304 FURMAN SOIL	PP076860.D	08 Dec 2025 15:09		YP\AJ	Ok
10	Q3790-01MS	304 FURMAN SOILMS	PP076861.D	08 Dec 2025 15:25		YP\AJ	Ok,M
11	Q3790-01MSD	304 FURMAN SOILMS	PP076862.D	08 Dec 2025 15:42		YP\AJ	Ok,M
12	Q3795-01	72-11966	PP076863.D	08 Dec 2025 15:58		YP\AJ	Ok
13	Q3795-05	RBR 200059	PP076864.D	08 Dec 2025 16:14		YP\AJ	Ok,M
14	Q3803-01	CHASE-A	PP076865.D	08 Dec 2025 16:31	AR1242 hit, need 50X	YP\AJ	Dilution
15	Q3803-02	CHASE-B	PP076866.D	08 Dec 2025 16:47	AR1242 hit, need 50X	YP\AJ	Dilution
16	Q3803-03	CHASE-C	PP076867.D	08 Dec 2025 17:04	AR1242 hit, need 5X	YP\AJ	Dilution
17	AR1660CCC500	AR1660CCC500	PP076868.D	08 Dec 2025 18:10		YP\AJ	Ok
18	AR1242CCC500	AR1242CCC500	PP076869.D	08 Dec 2025 18:43		YP\AJ	Ok

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120825

Review By	rahul	Review On	12/9/2025 9:22:44 AM		
Supervise By	yogesh	Supervise On	12/9/2025 10:35:47 AM		
SubDirectory	PP120825	HP Acquire Method		HP Processing Method	PP112125

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	AR1248CCC500	AR1248CCC500	PP076870.D	08 Dec 2025 18:59		YP\AJ	Ok
20	AR1254CCC500	AR1254CCC500	PP076871.D	08 Dec 2025 19:16		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP076872.D	08 Dec 2025 19:32		YP\AJ	Ok
22	PB170863BL	PB170863BL	PP076873.D	08 Dec 2025 19:49		YP\AJ	Ok
23	PB170863BS	PB170863BS	PP076874.D	08 Dec 2025 20:05		YP\AJ	Ok,M
24	Q3800-01	ETGI-288	PP076875.D	08 Dec 2025 20:22		YP\AJ	Ok
25	Q3800-02	COMP#1	PP076876.D	08 Dec 2025 20:38		YP\AJ	Ok
26	Q3800-03	CONP#2	PP076877.D	08 Dec 2025 20:55		YP\AJ	Ok
27	Q3801-01	SOIL#1	PP076878.D	08 Dec 2025 21:11		YP\AJ	Ok
28	Q3801-06	SOIL#2	PP076879.D	08 Dec 2025 21:27		YP\AJ	Ok
29	Q3806-01	TR-01-12-5-2025	PP076880.D	08 Dec 2025 21:44	AR1260 hits	YP\AJ	Ok,M
30	Q3806-01MS	TR-01-12-5-2025MS	PP076881.D	08 Dec 2025 22:00		YP\AJ	Ok,M
31	Q3806-01MSD	TR-01-12-5-2025MSD	PP076882.D	08 Dec 2025 22:17		YP\AJ	Ok,M
32	AR1660CCC500	AR1660CCC500	PP076883.D	08 Dec 2025 23:23		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP076884.D	08 Dec 2025 23:56		YP\AJ	Ok
34	AR1248CCC500	AR1248CCC500	PP076885.D	09 Dec 2025 00:12		YP\AJ	Ok
35	AR1254CCC500	AR1254CCC500	PP076886.D	09 Dec 2025 00:29		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP076887.D	09 Dec 2025 00:45		YP\AJ	Ok
37	Q3803-14	CHASE-N	PP076888.D	09 Dec 2025 01:01	AR1242 hit, need 50X	YP\AJ	Dilution

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

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP120825

Review By	rahul	Review On	12/9/2025 9:22:44 AM		
Supervise By	yogesh	Supervise On	12/9/2025 10:35:47 AM		
SubDirectory	PP120825	HP Acquire Method		HP Processing Method	PP112125

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	

38	Q3804-01	120325-A	PP076889.D	09 Dec 2025 01:18		YP\AJ	Ok
39	Q3804-03	120325-B	PP076890.D	09 Dec 2025 01:34		YP\AJ	Ok
40	Q3804-04	120325-C	PP076891.D	09 Dec 2025 01:51	TCMX low in both column	YP\AJ	ReRun
41	Q3806-04	TR-05-12-5-2025	PP076892.D	09 Dec 2025 02:07		YP\AJ	Ok
42	Q3805-02	91725	PP076893.D	09 Dec 2025 02:24		YP\AJ	Ok
43	AR1660CCC500	AR1660CCC500	PP076894.D	09 Dec 2025 04:19		YP\AJ	Ok,M
44	AR1242CCC500	AR1242CCC500	PP076895.D	09 Dec 2025 04:52	DCB low in 2nd column	YP\AJ	Ok,M
45	AR1248CCC500	AR1248CCC500	PP076896.D	09 Dec 2025 05:09		YP\AJ	Ok
46	AR1254CCC500	AR1254CCC500	PP076897.D	09 Dec 2025 05:25		YP\AJ	Ok,M
47	I.BLK	I.BLK	PP076898.D	09 Dec 2025 05:42		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 12/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138141

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
Q3789-05	SVOC-GPC-BLANK	1	1.00	1.00	2.00	2.00	100.0	
Q3789-06	PEST-GPC-BLANK	2	1.00	1.00	2.00	2.00	100.0	
Q3789-07	PEST-GPC-BLANK-SPIKE	3	1.00	1.00	2.00	2.00	100.0	
Q3789-08	SVOC-GPC2-BLANK	4	1.00	1.00	2.00	2.00	100.0	
Q3789-09	PEST-GPC2-BLANK	5	1.00	1.00	2.00	2.00	100.0	
Q3789-10	PEST -GPC2-BLANK-SPIKE	6	1.00	1.00	2.00	2.00	100.0	
Q3790-01	304 FURMAN SOIL	7	1.14	10.35	11.49	10.07	86.3	
Q3790-03	304 FURMAN SOIL	8	1.18	10.08	11.26	9.81	85.6	
Q3790-04	304 FURMAN SOIL-TPH-1	9	1.13	10.55	11.68	10.3	86.9	
Q3790-05	304 FURMAN SOIL-TPH-2	10	1.18	10.53	11.71	10.22	85.8	
Q3790-06	304 FURMAN SOIL-TPH-3	11	1.15	10.38	11.53	10.00	85.3	
Q3795-01	72-11966	12	1.12	11.09	12.21	11.15	90.4	
Q3795-02	72-11966-EPH	13	1.15	10.84	11.99	11.13	92.1	
Q3795-03	72-11966-VOC	14	1.19	10.51	11.7	10.8	91.4	
Q3795-05	RBR 200059	15	1.18	10.81	11.99	9.81	79.8	
Q3795-06	RBR-200059-EPH	16	1.16	11.00	12.16	9.61	76.8	
Q3795-07	RBR-200059-VOC	17	1.16	10.62	11.78	10.6	88.9	
Q3800-01	ETGI-288	18	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3800-02	COMP#1	19	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3800-03	CONP#2	20	1.00	1.00	2.00	2.00	100.0	Concreate sample
Q3801-01	SOIL#1	21	1.11	10.55	11.66	10.6	90.0	
Q3801-02	SOIL#1-EPH	22	1.15	10.33	11.48	10.39	89.4	
Q3801-03	SOIL-1-VOC	23	1.19	10.65	11.84	10.64	88.7	
Q3801-04	SOIL#1-EPH-1	24	1.15	10.40	11.55	10.44	89.3	
Q3801-05	SOIL#1-EPH-2	25	1.18	10.53	11.71	10.6	89.5	
Q3801-06	SOIL#2	26	1.19	10.90	12.09	11.14	91.3	
Q3801-07	SOIL#2-EPH	27	1.11	10.68	11.79	10.77	90.4	
Q3801-08	SOIL#2-VOC	28	1.14	10.50	11.64	10.14	85.7	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 12/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138141

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
Q3801-09	SOIL#2-EPH-1	29	1.19	10.50	11.69	10.47	88.4	
Q3801-10	SOIL#2-EPH-2	30	1.12	11.08	12.2	10.82	87.5	
Q3802-01	12-5-2025-A	31	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3802-02	12-5-2025-B	32	1.00	1.00	2.00	2.00	100.0	WIPE SAMPLE
Q3803-01	CHASE-A	33	1.15	10.19	11.34	11.28	99.4	
Q3803-02	CHASE-B	34	1.15	10.18	11.33	11.27	99.4	
Q3803-03	CHASE-C	35	1.19	10.70	11.89	11.84	99.5	
Q3803-04	CHASE-D	36	1.16	10.77	11.93	11.87	99.4	
Q3803-05	CHASE-E	37	1.16	10.52	11.68	11.66	99.8	
Q3803-06	CHASE-F	38	1.16	10.47	11.63	11.6	99.7	
Q3803-07	CHASE-G	39	1.11	10.84	11.95	11.92	99.7	
Q3803-08	CHASE-H	40	1.18	10.22	11.4	11.37	99.7	
Q3803-09	CHASE-I	41	1.19	10.61	11.8	11.72	99.2	
Q3803-10	CHASE-J	42	1.18	10.65	11.83	11.78	99.5	
Q3803-11	CHASE-K	43	1.11	10.12	11.23	11.21	99.8	
Q3803-12	CHASE-L	44	1.19	10.30	11.49	11.47	99.8	
Q3803-13	CHASE-M	45	1.19	10.26	11.45	11.37	99.2	
Q3803-14	CHASE-N	46	1.19	10.51	11.7	11.65	99.5	
Q3804-01	120325-A	47	1.14	10.39	11.53	10.2	87.2	
Q3804-02	120325-A	48	1.14	10.39	11.53	10.2	87.2	
Q3804-03	120325-B	49	1.19	10.23	11.42	11.12	97.1	
Q3804-04	120325-C	50	1.16	10.54	11.7	11.33	96.5	
Q3805-02	91725	51	1.00	1.00	2.00	2.00	100.0	oily-debris
Q3806-01	TR-01-12-5-2025	52	1.11	10.19	11.3	10.53	92.4	
Q3806-02	TR-01-12-5-2025	53	1.16	10.56	11.72	10.65	89.9	
Q3806-03	TR-01-12-5-2025	54	1.15	10.47	11.62	10.89	93.0	
Q3806-04	TR-05-12-5-2025	55	1.16	10.48	11.64	11.00	93.9	
Q3806-05	TR-05-12-5-2025	56	1.13	10.95	12.08	11.33	93.2	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 12/9/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:10
In Date: 12/08/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 12/09/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB138141

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
Q3806-06	TR-05-12-5-2025	57	1.18	10.54	11.72	10.68	90.1	
Q3809-01	SW-1	58	1.15	10.52	11.67	10.7	90.8	
Q3809-02	SW-2	72	1.14	10.92	12.06	10.03	81.4	
Q3809-03	B-1	59	1.18	10.17	11.35	8.75	74.4	
Q3809-04	SW-3	60	1.19	10.70	11.89	10.89	90.7	
Q3809-05	SW-4	61	1.11	10.41	11.52	10.75	92.6	
Q3809-06	B-2	62	1.19	10.68	11.87	9.24	75.4	
Q3809-07	B-3	63	1.15	10.66	11.81	9.12	74.8	
Q3809-08	SW-5	64	1.16	10.63	11.79	9.62	79.6	
Q3809-09	SW-6	65	1.16	10.36	11.52	9.66	82.0	
Q3809-10	SW-7	66	1.13	10.50	11.63	8.77	72.8	
Q3809-11	SW-8	67	1.15	10.40	11.55	10.28	87.8	
Q3809-12	SW-9	68	1.13	10.29	11.42	9.22	78.6	
Q3809-13	SW-10	69	1.17	10.49	11.66	9.6	80.4	
Q3809-14	B-4	70	1.18	10.82	12.00	10.82	89.1	
Q3810-01	BP Dirt Sample	71	1.19	10.22	11.41	10.93	95.3	
Q3812-01	OR-02-120825	73	1.12	11.10	12.22	11.26	91.4	
Q3812-02	OR-02-120825-E2	74	1.19	10.62	11.81	10.84	90.9	

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

WORKLIST(Hardcopy Internal Chain)

VB 138141

WorkList Name : %1-120825 **WorkList ID :** 193511 **Department :** Wet-Chemistry **Date :** 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3789-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3789-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3790-01	304 FURMAN SOIL	Solid	Percent Solids	Cool 4 deg C	ALLI03	A11	11/28/2025	Chemtech -SO
Q3790-03	304 FURMAN SOIL	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-04	304 FURMAN SOIL-TPH-1	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-05	304 FURMAN SOIL-TPH-2	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3790-06	304 FURMAN SOIL-TPH-3	Solid	Percent Solids	Cool 4 deg C	TULL02	D31	12/05/2025	Chemtech -SO
Q3795-01	72-11966	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-02	72-11966-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-03	72-11966-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-05	RBR 200059	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-06	RBR-200059-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3795-07	RBR-200059-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3800-01	ETGI-288	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3800-02	COMP#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3800-03	CONP#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-01	SOIL#1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO

Date/Time 12/08/25 15:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 12/08/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB138141

WorkList Name : %1-120825 **WorkList ID :** 193511 **Department :** Wet-Chemistry **Date :** 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3801-02	SOIL#1-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-03	SOIL-1-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-04	SOIL#1-EPH-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-05	SOIL#1-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-06	SOIL#2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-07	SOIL#2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-08	SOIL#2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-09	SOIL#2-EPH-1	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3801-10	SOIL#2-EPH-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3802-01	12-5-2025-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D11	12/05/2025	Chemtech -SO
Q3802-02	12-5-2025-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	12/05/2025	Chemtech -SO
Q3803-01	CHASE-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	D61	12/05/2025	Chemtech -SO
Q3803-02	CHASE-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-03	CHASE-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-04	CHASE-D	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-05	CHASE-E	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-06	CHASE-F	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-07	CHASE-G	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-08	CHASE-H	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-09	CHASE-I	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-10	CHASE-J	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO

Date/Time 12/08/25 15:00

Raw Sample Received by: SA WPC

Raw Sample Relinquished by:

Date/Time 12/08/25 17:30

Raw Sample Received by:

Raw Sample Relinquished by: SA WPC

WORKLIST(Hardcopy Internal Chain)

VB738141

WorkList Name : %1-120825 **WorkList ID :** 193511 **Department :** Wet-Chemistry **Date :** 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3803-11	CHASE-K	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-12	CHASE-L	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-13	CHASE-M	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3803-14	CHASE-N	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3804-01	120325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A42	12/05/2025	Chemtech -SO
Q3804-02	120325-A	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3804-03	120325-B	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3804-04	120325-C	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3805-02	91725	Solid	Percent Solids	Cool 4 deg C	PSEG03	A23	12/05/2025	Chemtech -SO
Q3806-01	TR-01-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG03	A31	12/05/2025	Chemtech -SO
Q3806-02	TR-01-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3806-03	TR-01-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/05/2025	Chemtech -SO
Q3806-04	TR-05-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3806-05	TR-05-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3806-06	TR-05-12-5-2025	Solid	Percent Solids	Cool 4 deg C	PSEG05	A11	12/05/2025	Chemtech -SO
Q3809-01	SW-1	Solid	Percent Solids	Cool 4 deg C	PSEG05	D12	12/05/2025	Chemtech -SO
Q3809-02	SW-2	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-03	B-1	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-04	SW-3	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-05	SW-4	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-06	B-2	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO

Date/Time 12/08/25 13:00

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

Date/Time 12/08/25 17:30

Raw Sample Received by: [signature]

Raw Sample Relinquished by: [signature]

WORKLIST(Hardcopy Internal Chain)

VB 138141

WorkList Name : %1-120825 **WorkList ID :** 193511 **Department :** Wet-Chemistry **Date :** 12-08-2025 08:32:47

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3809-07	B-3	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-08	SW-5	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-09	SW-6	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-10	SW-7	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-11	SW-8	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-12	SW-9	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-13	SW-10	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3809-14	B-4	Solid	Percent Solids	Cool 4 deg C	TSLA01	A11	12/05/2025	Chemtech -SO
Q3810-01	BP Dirt Sample	Solid	Percent Solids	Cool 4 deg C	DALT01	D51	12/01/2025	Chemtech -SO
Q3812-01	OR-02-120825	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	12/08/2025	Chemtech -SO
Q3812-02	OR-02-120825-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D41	12/08/2025	Chemtech -SO

Date/Time 121081251500

Raw Sample Received by: JB WC

Raw Sample Relinquished by:

Date/Time 121081251730

Raw Sample Received by:

Raw Sample Relinquished by: JB WC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170862

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 : 12/08/2025

Extraction Start Time : 10:40

Extraction End Date : 12/08/2025

Extraction End Time : 13:55

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: [ ] Seperatory Funnel [ ] Continious Liquid/Liquid [ ] Sonication [ ] Waste Dilution [√] Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24930
Surrogate	1.0ML	200 PPB	PP25072
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	EP2660
Baked Na2SO4	N/A	EP2665
Hexane	N/A	E3988
H2SO4 1:1	N/A	EP2657
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721.

KD Bath ID: N/A

KD Bath Temperature: N/A

Envap ID: N-EVAP-02

Envap Temperature: 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
12/8/25	RS (Ext lab)	R Post-PCB Lab
14:00	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170862

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 12/08/2025

Sample ID	Client Sample ID	Test	g / mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170862BL	ABLK862	PCB	30.01	N/A	ritesh	Evelyn	10			U1-1
PB170862BS	ALCS862	PCB	30.03	N/A	ritesh	Evelyn	10			2
Q3790-01	304 FURMAN SOIL	PCB	30.09	N/A	ritesh	Evelyn	10	D		3
Q3790-01MS	304 FURMAN SOILMS	PCB	30.06	N/A	ritesh	Evelyn	10	D		4
Q3790-01MSD	304 FURMAN SOILMSD	PCB	30.04	N/A	ritesh	Evelyn	10	D		5
Q3795-01	72-11966	PCB	30.07	N/A	ritesh	Evelyn	10	B		6
Q3795-05	RBR 200059	PCB	30.05	N/A	ritesh	Evelyn	10	B		U2-1
Q3803-01	CHASE-A	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
Q3803-02	CHASE-B	PCB	30.06	N/A	ritesh	Evelyn	10	D		3
Q3803-03	CHASE-C	PCB	30.09	N/A	ritesh	Evelyn	10	D		4
Q3803-04	CHASE-D	PCB	30.04	N/A	ritesh	Evelyn	10	D		5
Q3803-05	CHASE-E	PCB	30.05	N/A	ritesh	Evelyn	10	D		6
Q3803-06	CHASE-F	PCB	30.08	N/A	ritesh	Evelyn	10	D		U3-1
Q3803-07	CHASE-G	PCB	30.02	N/A	ritesh	Evelyn	10	D		2
Q3803-08	CHASE-H	PCB	30.05	N/A	ritesh	Evelyn	10	D		3
Q3803-09	CHASE-I	PCB	30.07	N/A	ritesh	Evelyn	10	D		4
Q3803-10	CHASE-J	PCB	30.01	N/A	ritesh	Evelyn	10	D		5
Q3803-11	CHASE-K	PCB	30.04	N/A	ritesh	Evelyn	10	D		6
Q3803-12	CHASE-L	PCB	30.08	N/A	ritesh	Evelyn	10	D		U6-1
Q3803-13	CHASE-M	PCB	30.06	N/A	ritesh	Evelyn	10	D		2
Q3803-14	CHASE-N	PCB	30.02	N/A	ritesh	Evelyn	10	D		3
Q3804-01	120325-A	PCB	30.07	N/A	ritesh	Evelyn	10	D		4
Q3804-03	120325-B	PCB	30.03	N/A	ritesh	Evelyn	10	D	Small Particals	5
Q3804-04	120325-C	PCB	30.08	N/A	ritesh	Evelyn	10	D	Small Particals	6

RJ 12/8

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

170862
10:40

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3795 **WorkList ID :** 193532 **Department :** Extraction **Date :** 12-08-2025 10:34:18

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3790-01	304 FURMAN SOIL	Solid	PCB	Cool 4 deg C	TULL02	D31	12/05/2025	8082A
Q3795-01	72-11966	Solid	PCB	Cool 4 deg C	PSEG03	D11	12/05/2025	8082A
Q3795-05	RBR 200059	Solid	PCB	Cool 4 deg C	PSEG03	D11	12/05/2025	8082A
Q3803-01	CHASE-A	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-02	CHASE-B	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-03	CHASE-C	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-04	CHASE-D	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-05	CHASE-E	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-06	CHASE-F	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-07	CHASE-G	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-08	CHASE-H	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-09	CHASE-I	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-10	CHASE-J	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-11	CHASE-K	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-12	CHASE-L	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-13	CHASE-M	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3803-14	CHASE-N	Solid	PCB	Cool 4 deg C	PSEG03	A42	12/05/2025	8082A
Q3804-01	120325-A	Solid	PCB	Cool 4 deg C	PSEG03	A23	12/05/2025	8082A
Q3804-03	120325-B	Solid	PCB	Cool 4 deg C	PSEG03	A23	12/05/2025	8082A
Q3804-04	120325-C	Solid	PCB	Cool 4 deg C	PSEG03	A23	12/05/2025	8082A

Date/Time 12/8/25 10:35
Raw Sample Received by: RJ (EA/Lab)
Raw Sample Relinquished by:

Date/Time 12/8/25 11:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (EA/Lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3790

Test : PCB

Prepbatch ID : PB170862,

Sequence ID/Qc Batch ID: PP120825,

Standard ID :

EP2657,EP2660,EP2665,PP24329,PP24330,PP24381,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,PP25072,

Chemical ID :

E3804,E3875,E3951,E3962,E3963,E3972,E3982,E3988,M6186,P11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13789,P13833,P13879,P13881,P13885,P14240,W3112,W3177,W3234,

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

Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
314	1.1 H2SO4 SOLN	EP2657	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM 1000.00000ml of M6186 + 1000.00000ml of W3112 = Final Quantity: 2000.000 ml

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
230	1:1ACETONE/HEXANE	EP2660	11/03/2025	05/03/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 11/03/2025

FROM

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Extractions STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3923	Baked Sodium Sulfate	EP2665	12/05/2025	06/05/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 12/05/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
84	Pest/PCB Surrogate Stock 20 PPM	PP24329	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P13356 + 9.00000ml of W3177 = Final Quantity: 10.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
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

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24930	09/18/2025	03/18/2026	Abdul Mirza	None	None	Yogesh Patel 09/19/2025

FROM 0.50000ml of P12953 + 99.50000ml of E3972 = Final Quantity: 100.000 ml

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Pest/Pcb STANDARD PREPARATION LOG

Recipe ID	NAME	NO.	Prep Date	Expiration Date	Prepared By	ScaleID	PipetteID	Supervised By
465	200 PPB Pest/PCB Surrogate Spike	PP25072	11/19/2025	05/19/2026	Abdul Mirza	None	None	Rahul Chavli 11/27/2025

FROM 1.00000ml of P14240 + 999.00000ml of E3982 = Final Quantity: 1000.000 ml

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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	07/28/2026	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-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

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

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CHEMICAL RECEIPT LOG BOOK

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)	24L1062001	10/04/2027	10/31/2025 / RUPESH	10/31/2025 / RUPESH	E3982

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)	25G1662002	05/21/2026	11/21/2025 / RUPESH	11/19/2025 / RUPESH	E3988

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)	23D2462010	07/12/2026	08/13/2025 / Sagar	08/06/2025 / Sagar	M6186

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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

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CHEMICAL RECEIPT LOG BOOK

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

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 #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	05/19/2026	11/19/2025 / Abdul	11/19/2025 / Abdul	P14240

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CHEMICAL RECEIPT LOG BOOK

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 / Iwona	07/03/2024 / Iwona	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

Acetone
CMOS

avantor™ | J.T.Baker®

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 ($(CH_3)_2CO$) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titrable Acid (µeq/g)	≤ 0.3	0.1
Titrable Base (µeq/g)	≤ 0.5	0.1
Water (H_2O)	≤ 0.5 %	0.1 %
Solubility in H_2O	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

>>> Continued on page 2 >>>

Recd by RP on 9/25/24

E 3804

Acetone
CMOS

avantor™ | J.T.Baker®

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™ | J.T.Baker®

Material No.: 9005-05
Batch No.: 24E0761004

Test	Specification	Result

For Microelectronic Use

Country of Origin: USA
Packaging Site: Paris Mfg Ctr & DC

Michelle Bales
Sr. Manager, Quality Assurance

PRODUCTOS QUIMICOS MONTERREY, S.A. DE C.V.

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 57 57
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE **RMB3375)**	FORMULA :	Na_2SO_4
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na_2SO_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 foreing 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.

E 3875

VWR®
BDH® CHEMICALS

Certificate of Analysis

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	SiO2
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 7/9/25.

E3951

Internal ID #: 793

Signature	Additional Information
We certify that this batch conforms to the specifications listed above.	Analysis may have been rounded to significant digits in specification limits
This document has been electronically produced and is valid without a signature.	Product meets analytical specifications of the grades listed.
Leona Edwardson, Quality Control Sr. Manager - Solon VWR Chemicals, LLC. 28600 Fountain Parkway, Solon OH 44139 USA	

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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

Recieved on 7/30/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3962

JCroak

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

PO: PO2-2575 PRODUCT CODE: SHIP DATE: 6/20/25

Acetone,
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

Recieved 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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

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 ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.2
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) 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

JCroak
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

Acetone
BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

avantor™ | J.T.Baker

Material No.: 9254-03
Batch No.: 24L1062001
Manufactured Date: 2024-10-04
Expiration Date:2027-10-04
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ($(CH_3)_2CO$) (by GC, corrected forwater)	>= 99.4 %	99.7 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.3 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titrable Acid (µeq/g)	<= 0.3	0.1
Titrable Base (µeq/g)	<= 0.6	<0.1
Water (H_2O)	<= 0.5 %	0.3 %
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory,Research,or Manufacturing Use
MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Received on 10/29/25

Country of Origin: United States
Packaging Site: Phillipsburg Mfg Ctr & DC

E3982

JCroak
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

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

M6186

Recien Date :- 08/06/25

Material No.: 9673-33
Batch No.: 23D2462010
Manufactured Date: 2023-03-22
Retest Date: 2028-03-20
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.1 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	≤ 10	5
ACS - Residue after Ignition	≤ 3 ppm	< 1 ppm
ACS - Substances Reducing Permanganate (as SO2)	≤ 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 and Antimony (as As)	≤ 4.0 ppb	< 2.0 ppb
Trace Impurities - Boron (B)	≤ 10.0 ppb	8.5 ppb
Trace Impurities - Cadmium (Cd)	≤ 2.0 ppb	< 0.3 ppb
Trace Impurities - Chromium (Cr)	≤ 6.0 ppb	< 0.4 ppb
Trace Impurities - Cobalt (Co)	≤ 0.5 ppb	< 0.3 ppb
Trace Impurities - Copper (Cu)	≤ 1.0 ppb	< 0.1 ppb
Trace Impurities - Gold (Au)	≤ 10.0 ppb	0.5 ppb
Heavy Metals (as Pb)	≤ 500.0 ppb	< 100.0 ppb
Trace Impurities - Iron (Fe)	≤ 50.0 ppb	1.3 ppb
Trace Impurities - Lead (Pb)	≤ 0.5 ppb	< 0.5 ppb
Trace Impurities - Magnesium (Mg)	≤ 7.0 ppb	0.8 ppb
Trace Impurities - Manganese (Mn)	≤ 1.0 ppb	< 0.4 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	< 2.0 ppb
Trace Impurities - Selenium (Se)	≤ 50.0 ppb	< 0.1 ppb
Trace Impurities - Silicon (Si)	≤ 100.0 ppb	31.5 ppb
Trace Impurities - Silver (Ag)	≤ 1.0 ppb	< 0.3 ppb

>>> Continued on page 2 >>>

Sulfuric Acid
BAKER INSTRA-ANALYZED® Reagent
For Trace Metal Analysis
Low Selenium

avantor™ | J.T.Baker®

Material No.: 9673-33
Batch No.: 23D2462010

Test	Specification	Result
Trace Impurities – Sodium (Na)	≤ 500.0 ppb	5.4 ppb
Trace Impurities – Strontium (Sr)	≤ 5.0 ppb	< 0.2 ppb
Trace Impurities – Tin (Sn)	≤ 5.0 ppb	< 0.8 ppb
Trace Impurities – Zinc (Zn)	≤ 5.0 ppb	0.4 ppb

For Laboratory,Research,or Manufacturing Use

Country of Origin: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

James T Ethier

Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855 282 6867 or +1 610 286 1700

P11518 ↓ P11522 AJ 02/21/22

Agilent

Certificate of Analysis

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:

M Bourgeois

Monica Bourgeois
QMS Representative

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER
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

www.agilent.com/quality/
CSD-QA-015.1

ANAB ACCREDITED TESTING LABORATORY
ISO 17025 Cert No. AT-1937

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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	1,000.7 µg/mL	+/- 5.9437 µg/mL	Gravimetric
	CAS # 11097-69-1 (Lot 124-191-B)		+/- 31.7284 µg/mL	Unstressed
	Purity ----%		+/- 41.4406 µg/mL	Stressed

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P11588 ↓ P11592 | 5

AR 04/30/2022

Column:
30m x .25mm x .2um
Rtx-CLP II (cat.# 11323)

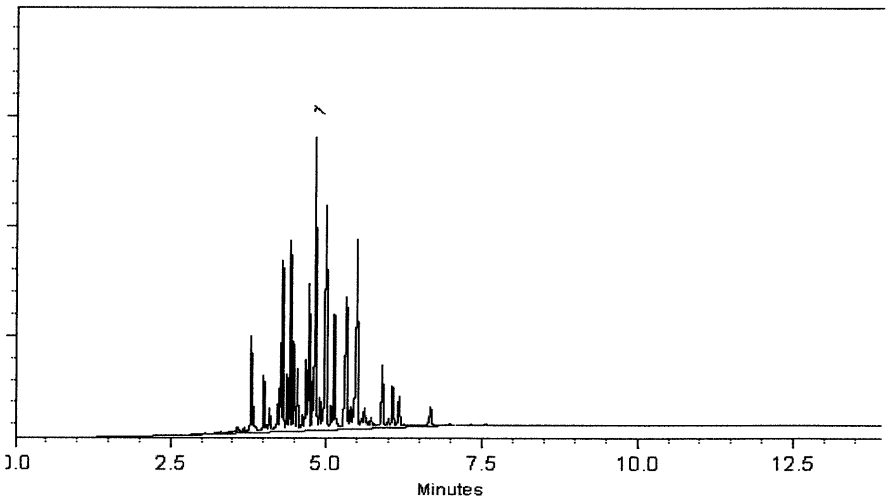
Carrier Gas:
helium-constant pressure 20 psi.

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 - Mix Technician

Date Mixed: 15-Aug-2021 **Balance:** 1128360905

Alexis Shelow - Operations Tech I

Date Passed: 17-Aug-2021

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

P11588 | (5)
1
P11592

AR
04/30/22

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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

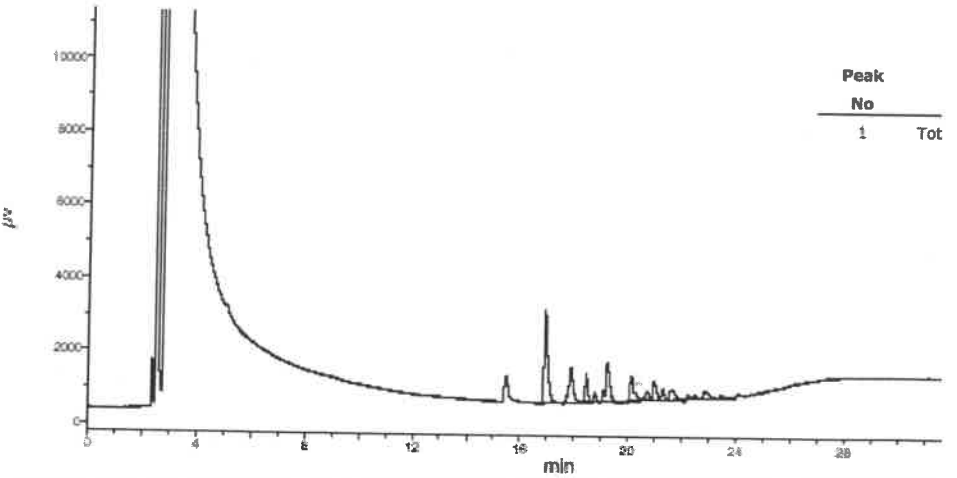
5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): 100.0

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 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 = 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



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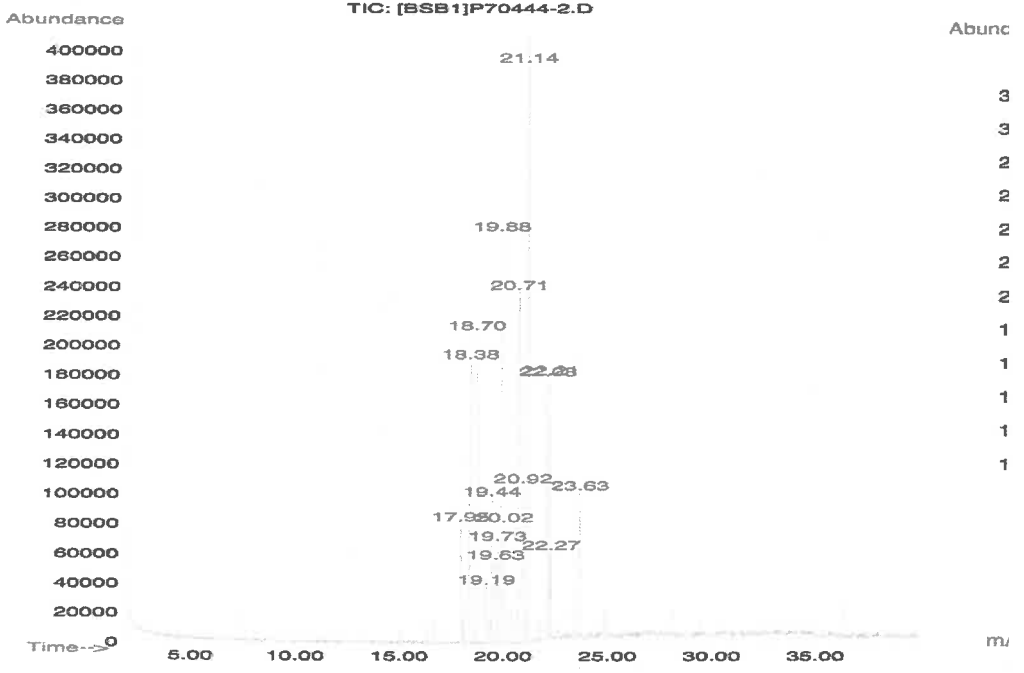
CERTIFIED WEIGHT REPORT

Part Number:	X9166	**Solvent(s):**	
Lot Number:	060523	Methanol	E
Description:	Aroclor 1262 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 certifed (+/-) 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).

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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):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

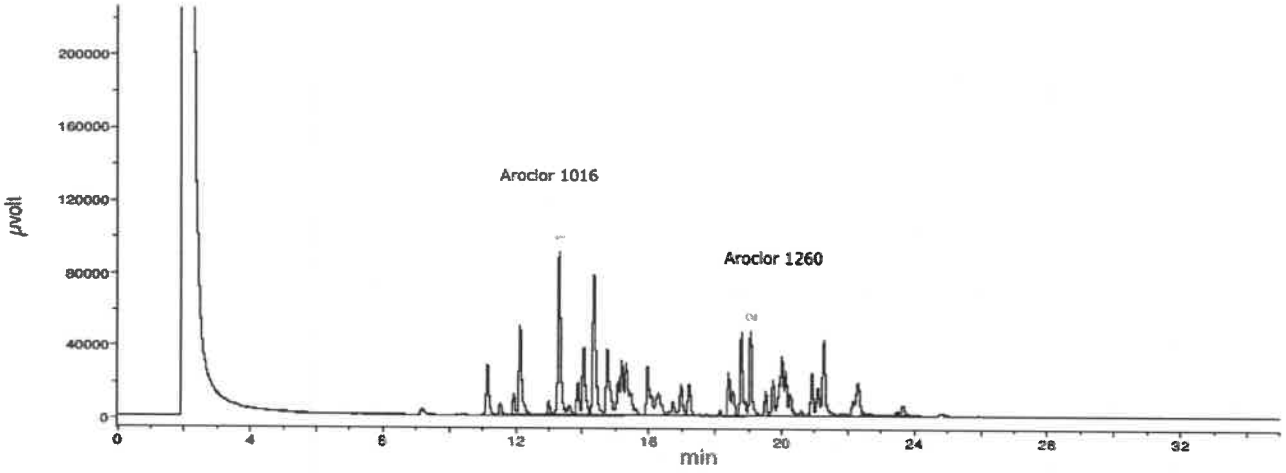
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) 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	11096-82-5	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).
- Standards are certifed (+/-) 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 X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (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



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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):	Lot#
Hexane	273615

5E-05 Balance Uncertainty

Weight(s) shown below were combined and diluted to (mL): 200.0 0.010 Flask Uncertainty

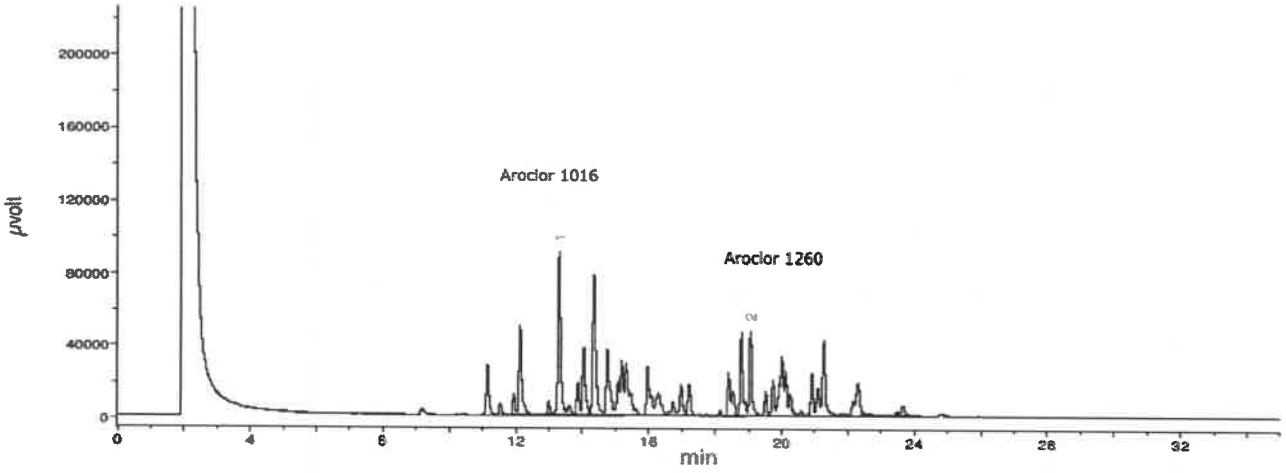
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

P12946 ↓ P12955 — Y.P. 12/20/23

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight(g)	Actual Weight(g)	Actual Conc (µg/mL)	Expanded Uncertainty (+/-) (µg/mL)	SDS Information (Solvent Safety Info. On Attached pg.) 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	11096-82-5	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).
- Standards are certifed (+/-) 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 X5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydogen (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



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CERTIFIED WEIGHT REPORT

Part Number:	99139	**Solvent(s):**	**Lot#**	
Lot Number:	121823	Iso-octane	82227	
Description:	Aroclor 1254			
Expiration Date:	121833			
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	0.003	Flask Uncertainty

		121823
Formulated By:	Anthony Mahoney	DATE
		121823
Reviewed By:	Pedro L. Rentas	DATE

P12956 & P12957 Y.P. 12/20/23

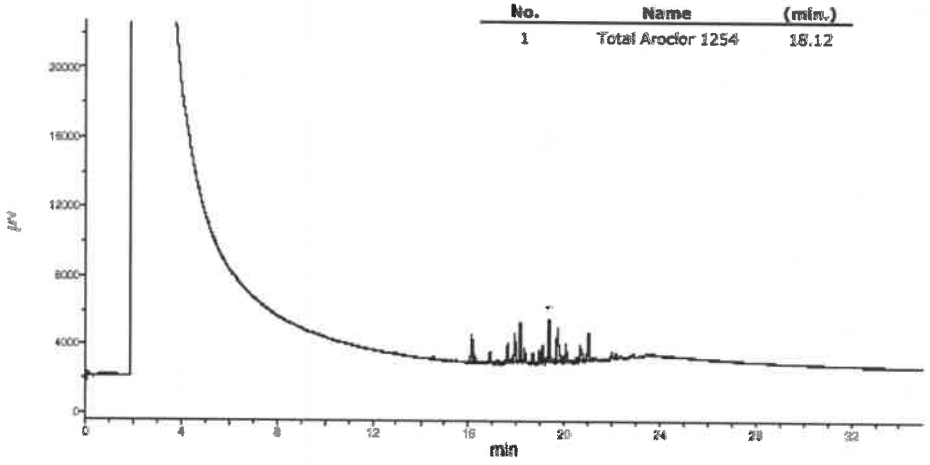
Note: Aroclor 1254 is a mix of isomers.

Compound	Part Number	Lot Number	Dilution Factor	Initial Vol. (mL)	Uncertainty Pipette (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	1003.3	100.1	1.8	11097-69-1	0.5mg/m3 (skin)	orl-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 certifed (+/-) 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 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 = 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

Peak No.	Name	FID RT (min.)
1	Total Aroclor 1254	18.12



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Certificate of Analysis

chromatographic plus

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.

P13348 ↓ P13357 (10)

04/25/2024

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

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:
hellum-constant pressure 20 psi.

Temp. Program:
200°C to 300°C
@ 25°C/min. (hold 10 min.)

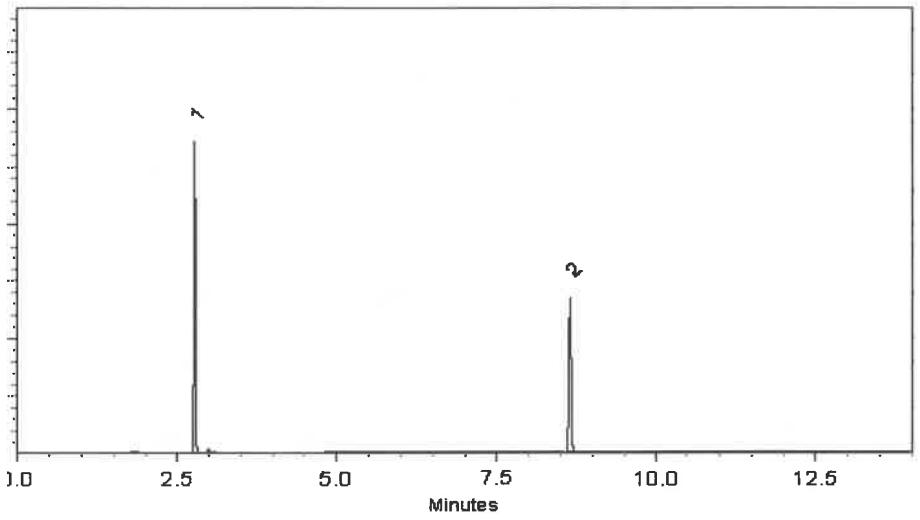
Inj. Temp:
250°C

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

P13348 (10)

↓

P13357

04/25/2025

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Certificate #3222.02

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 (2)
↓
P 13375
1

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.)

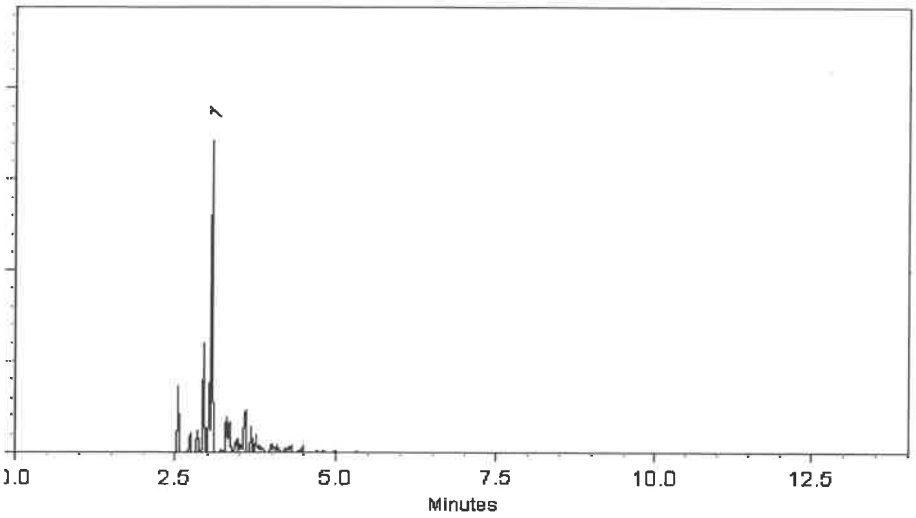
Inj. Temp:
250°C

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

P13374 ②
↓
P13375

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

	CERTIFIED VALUES				
Component Name	Concentration		Expanded Uncertainty	CAS#	Analyte Lot
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
↓
P13590

AJ
10/14/24

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

Agilent
Trusted Answers

ISO 17034

Reference Material Certificate

Product Information Sheet

Product Name: Aroclor 1248 Standard
Product Number: PP-342-1
Storage Conditions: Store at Room Temperature (15° to 30°C).

Lot Number: 0006726317
Lot Issue Date: 27-Jan-2023
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
↓
P13592

AJ
10/14/2024

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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

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Testing Laboratory
Certificate #3222.02

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

P13695
P13696
Y.P.
10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 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 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.)

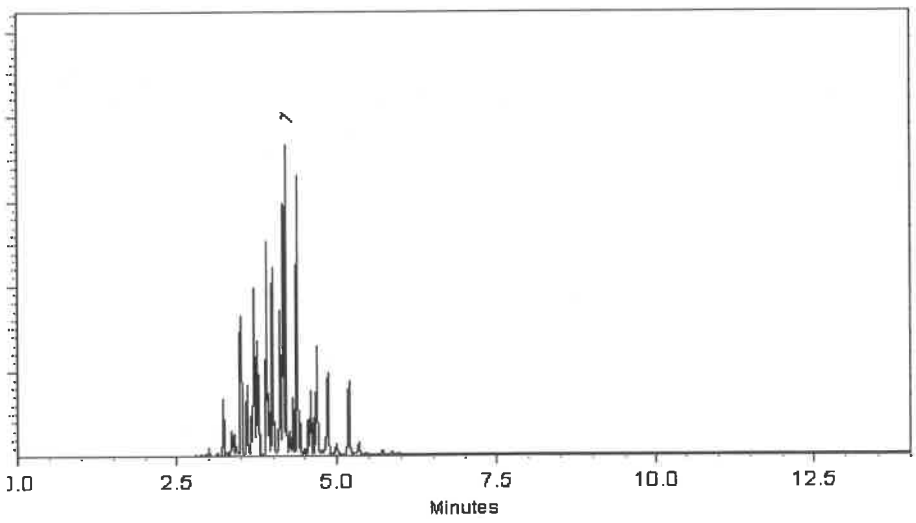
Inj. Temp:
250°C

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:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  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 ↓ 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.)

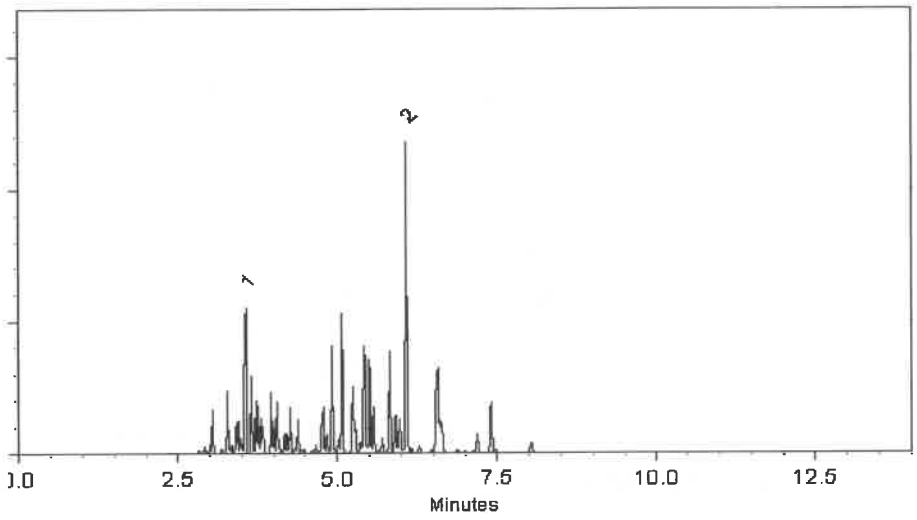
Inj. Temp:
250°C

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:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  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

P13706
P13707
Y.P. 10/17/24

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : July 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 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.)

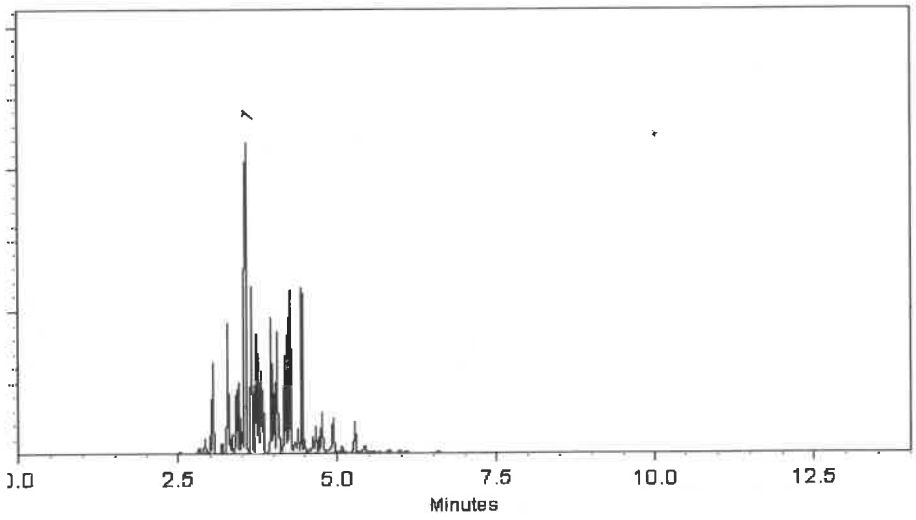
Inj. Temp:
250°C

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:

$$U_{combined\ uncertainty} = k\sqrt{u^2_{gravimetric} + u^2_{homogeneity} + u^2_{storage\ stability} + u^2_{shipping\ stability}}$$

  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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Testing Laboratory
Certificate #3222.02

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
↓
P19789
AJ
11/19/24

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.)

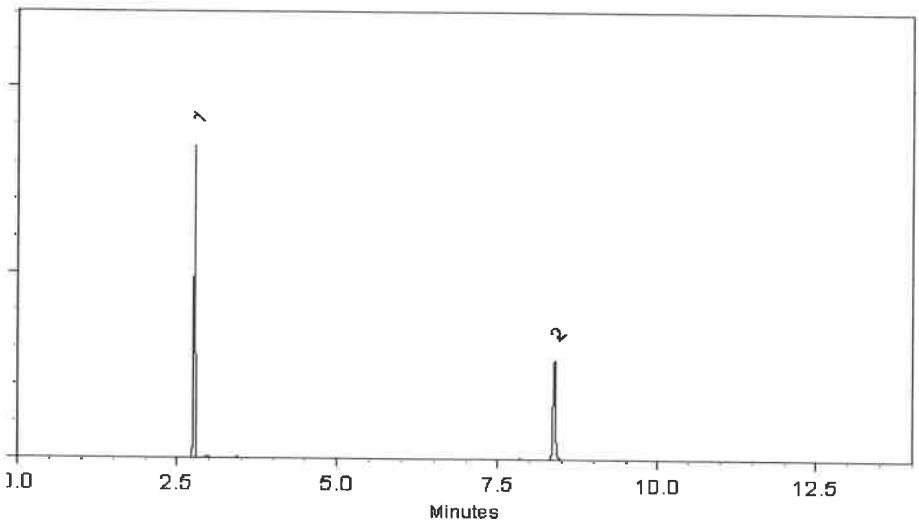
Inj. Temp:
250°C

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.

Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024 **Balance Serial #** B345965662

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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ilac-MRA A2LA ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.)

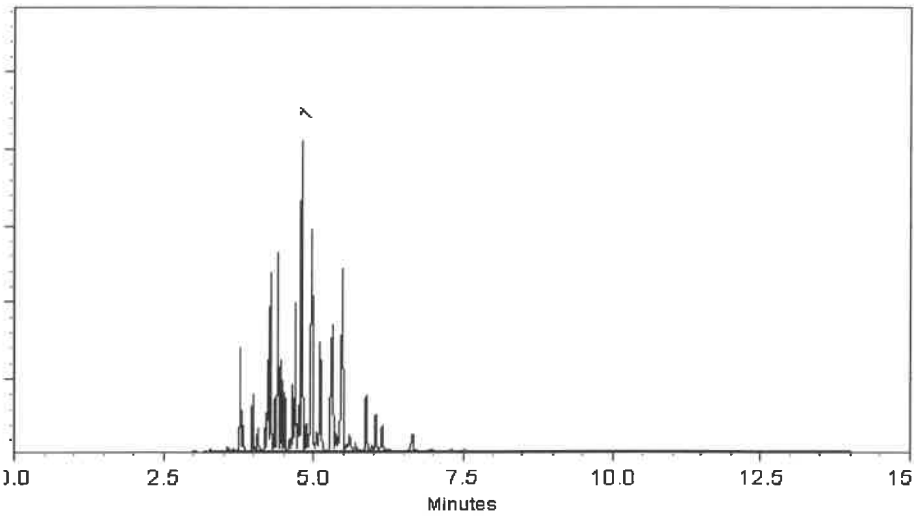
Inj. Temp:
250°C

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 - Operations Tech I

Date Mixed: 02-Oct-2024 **Balance Serial #** C322230531

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

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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

Aroclor® 1232 Standard 1,000 µg/mL, Hexane, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : March 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 1232	11141-16-5	15665-01	----%	1,007.0 µg/mL	+/- 55.8810

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

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.)

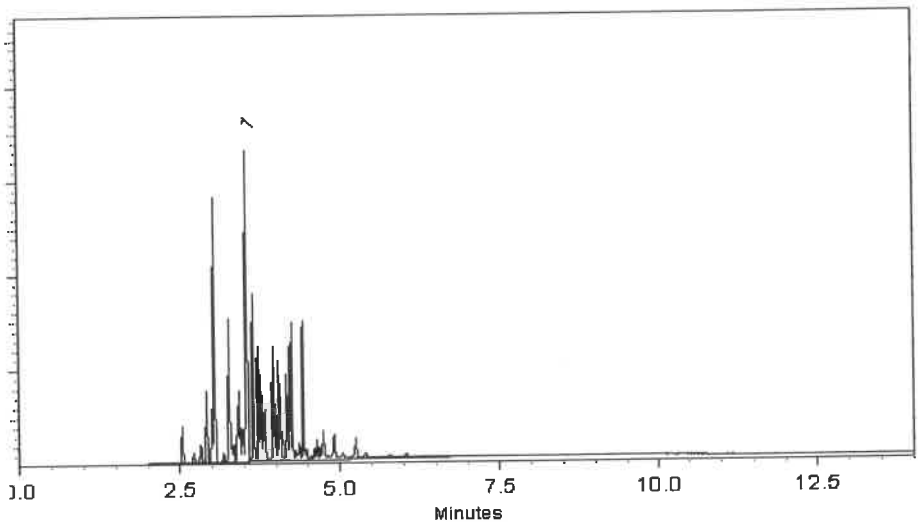
Inj. Temp:
250°C

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 - Operations Tech I

Date Mixed: 02-Dec-2024 **Balance Serial #** C322230531

Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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

Aroclor® 1262 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13881

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.)

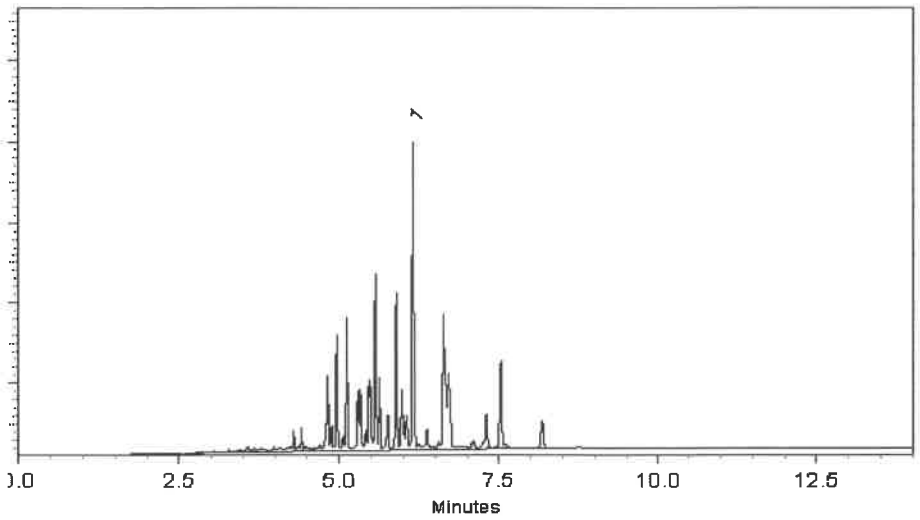
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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

Date Mixed: 25-Sep-2024 **Balance Serial #** C322230531

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 30-Sep-2024

Manufactured under Restek's ISO 9001:2015 Registered Quality System Certificate #FM 80397

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: Hexane
CAS # 110-54-3
Purity 99%

P13884
↓
P13886

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.)

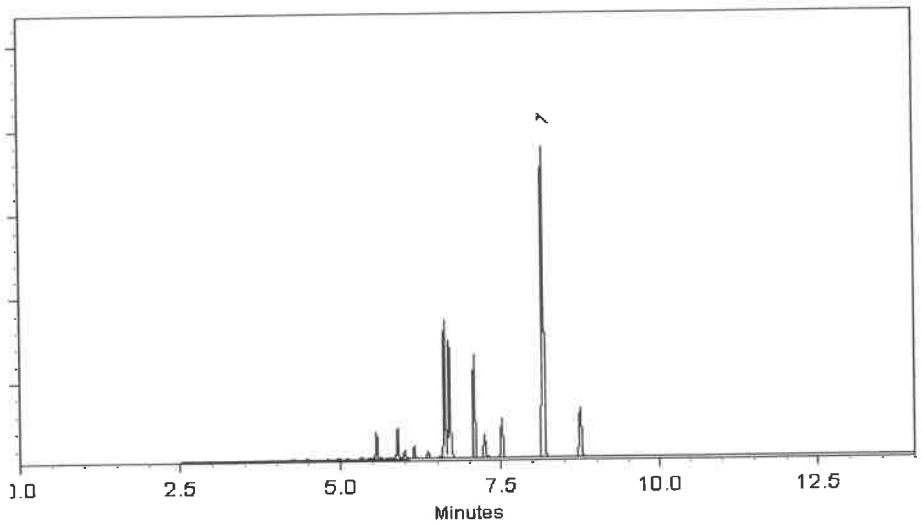
Inj. Temp:
250°C

Det. Temp:
300°C

Det. Type:
ECD

Split Vent:
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

avantor™ | J.T.Baker®

W3147

W3147 update. 02/03/2025 JP

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)	≥ 99.5 %	99.7 %
Assay (as n-Hexane) (by GC, corrected for water)	≥ 95 %	98 %
Color (APHA)	≤ 10	5
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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: USA
Packaging Site: Phillipsburg Mfg Ctr & DC

JCroak

Jamie Croak
Director Quality Operations, Bioscience Production

n-Hexane 95%
ULTRA RESI-ANALYZED
For Organic Residue Analysis

avantor™ | J.T.Baker

W3234 JB
Update: 07/28/2025

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) (byGC, corrected for water)	>= 99.5 %	100.0 %
Assay (as n-Hexane) (by GC, correctedfor water)	>= 95 %	100 %
Color (APHA)	<= 10	10
Residue after Evaporation	<= 1.0 ppm	0.1 ppm
Substances Darkened by H_2SO_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

JCroak
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

SHIPPING DOCUMENTS

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

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

QA Control Code: A2070148

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3790 TULL02
Client Name : Tully Construction Co., Inc.
Client Contact : Dean Devoe
Invoice Name : Tully Construction Co., Inc.
Invoice Contact : Dean Devoe

Order Date : 12/5/2025 10:01:00 AM
Project Name : MTA 26 Stations - Pierrepo
Receive DateTime : 12/5/2025 2:00:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 1
EDD Type : Excel NY 375
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3790-03	304 FURMAN SOIL	Solid	12/05/2025	07:25					
					VOC-TCLVOA-10		8260D		5 Bus. Days

Relinguished By :
Date / Time : 12/5/25 1636

Received By : Sam
Date / Time : 12/05/25 8:00 NY Hb Rz2

Storage Area : VOA Refridgerator Room