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

Cover Page

Order ID : Q3447

Project ID : RFP 905

Client : Weston Solutions, Inc.

Lab Sample Number	Client Sample Number
Q3447-01	P001-TW1-251023-01
Q3447-02	P001-TW1-251023-01
Q3447-03	P001-TW2-251023-01
Q3447-04	P001-TW2-251023-01
Q3447-05	P001-TW3-251023-01
Q3447-06	P001-TW3-251023-01
Q3447-07	P001-TW4-251023-01
Q3447-08	P001-TW4-251023-01

I certify that the data package is in compliance with the terms and conditions of the contract,both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 11/5/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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

CASE NARRATIVE

Weston Solutions, Inc.
Project Name: RFP 905
Project # N/A
Order ID # Q3447
Test Name: PCB

A. Number of Samples and Date of Receipt:
4 Solid samples were received on 10/23/2025.

B. Parameters
According to the Chain of Custody document, the following analyses were requested: PCB. This data package contains results for PCB.

C. Analytical Techniques:
The analyses were performed on instrument GCECD_Q.The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analyses were performed on instrument GCECD_P. The front column is ZB-MR1 which is 30 meters, 0.32 mm ID, 0.5 um df, Catalogue # 7HM-G016-17. The rear column is ZB-MR2 which is 30 meters, 0.32 mm ID, 0.25 µm; Catalogue # 7HM-G017-11.The analysis of PCBs was based on method 8082A and extraction was done based on method 3541.

D. QA/ QC Samples:
The Holding Times were met for all analysis.

The Surrogate recoveries were met for all analysis except for
P001-TW1-251023-01 [Tetrachloro-m-xylene(1)575%, Tetrachloro-m-xylene(2)4668%],
P001-TW1-251023-01RE [Decachlorobiphenyl(1)705%, Tetrachloro-m-xylene(1)670%, Tetrachloro-m-xylene(2)4655%],
P001-TW2-251023-01 [Tetrachloro-m-xylene(1)205%, Tetrachloro-m-xylene(2)1324%],
P001-TW2-251023-01RE [Tetrachloro-m-xylene(1)221%, Tetrachloro-m-xylene(2)1318%], All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data while,

P001-TW3-251023-01 [Tetrachloro-m-xylene(2)167%] and P001-TW4-251023-01 [Tetrachloro-m-xylene(2)463%]
AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.

The Retention Times were met for all analysis.
The MS recoveries met the requirements for all compounds.
The MSD recoveries met the requirements for all compounds.

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

The RPD for {Q3450-02MSD} with File ID: PQ071154.D met criteria except for [AR1016(1)-29%, AR1016(2)-19%] due to difference in results of MS-MSD.

The Blank Spike met requirements for all compounds.
The Blank analysis did not indicate the presence of lab contamination.
The Initial Calibration met the requirements.

The Continuous Calibration File ID PP076110.D met the requirements except for Aroclor-1260(Peak-04) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.

Samples P001-TW1-251023-01, P001-TW2-251023-01, P001-TW3-251023-01, P001-TW4-251023-01 were directly analyzed with 50X & 10X , due to samples are Oily and Tar matrix..

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Calculation for Concentration in Soil samples:
Concentration ug/Kg (Dry weight basis) $= \frac{(Ax)\ (Vt)\ (DF)\ (GPC)}{(CF)\ (Vi)\ (Ws)\ (D)}$

Where,
Ax = Response (peak area or height) of the compound to be measured.
CF = Mean Calibration Factor from the initial calibration (area/ng).
Vt = Volume of the concentrated extract in uL
Vi = Volume of extract injected (uL). (If a single injection is made onto two columns, use ½ the volume in the syringe as the volume injected onto each column).
Ws = Weight of sample extracted (g).
$D = \frac{\%\ \text{dry weight or } 100 - \%\text{Moisture}}{100}$
$GPC = \frac{Vin}{Vout}$ = GPC factor (If no GPC is performed, GPC=1)
DF = Dilution Factor

G. Manual Integration Comments:
Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed

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

above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

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

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q3447 MATRIX: Solid

METHOD: 8082A/3541

		NA	NO	YES
1.	Chromatograms Labeled/Compounds Identified.			✓
2.	Standard Summary Submitted.			✓
3.	Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis, 12 HOURS IF 8000 SERIES METHOD. The Initial Calibration met the requirements. The Continuous Calibration File ID PP076110.D met the requirements except for Aroclor-1260(Peak-04) is failing in 2nd column however it is passing in 1st column therefore no corrective action taken.			✓
4.	Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
5.	Surrogate Recoveries Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable ranges. The Surrogate recoveries were met for all analysis except for P001-TW1-251023-01 [Tetrachloro-m-xylene(1)575%, Tetrachloro-m-xylene(2)4668%], P001-TW1-251023-01RE [Decachlorobiphenyl(1)705%, Tetrachloro-m-xylene(1)670%, Tetrachloro-m-xylene(2)4655%], P001-TW2-251023-01 [Tetrachloro-m-xylene(1)205%, Tetrachloro-m-xylene(2)1324%], P001-TW2-251023-01RE [Tetrachloro-m-xylene(1)221%, Tetrachloro-m-xylene(2)1318%], All the failure samples in surrogates with both columns were reanalyzed to confirm the results as per method and reported in the data while, P001-TW3-251023-01 [Tetrachloro-m-xylene(2)167%] and P001-TW4-251023-01 [Tetrachloro-m-xylene(2)463%] AS per method one surrogate allowed to fail to meet the criteria per column, No further corrective action was taken.		✓	

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
6.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria		✓	
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The MS recoveries met the requirements for all compounds.			
	The MSD recoveries met the requirements for all compounds.			
	The Blank Spike met requirements for all compounds.			
	The RPD for {Q3450-02MSD} with File ID: PQ071154.D met criteria except for [AR1016(1)-29%, AR1016(2)-19%] due to difference in results of MS-MSD.			
7.	Retention Time Shift Meet Criteria (if applicable)			✓
	Comments:			
8.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
9.	Analysis Holding Time Met			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			

ADDITIONAL COMMENTS:

Samples P001-TW1-251023-01, P001-TW2-251023-01, P001-TW3-251023-01, P001-TW4-251023-01 were directly analyzed with 50X & 10X, due to samples are Oily and Tar matrix..

The soil samples results are based on a dry weight basis.

_____ _____

QA REVIEW Date

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

GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

NA NO YES

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

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **Q3447**

	Completed
For thorough review, the report must have the following:	
GENERAL:	
Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)	✓
Check chain-of-custody for proper relinquish/return of samples	✓
Is the chain of custody signed and complete	✓
Check internal chain-of-custody for proper relinquish/return of samples /sample extracts	✓
Collect information for each project id from server. Were all requirements followed	✓
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	✓
Do lab numbers and client Ids on cover page agree with the Chain of Custody	✓
CHAIN OF CUSTODY:	
Do requested analyses on Chain of Custody agree with form I results	✓
Do requested analyses on Chain of Custody agree with the log-in page	✓
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	✓
Were the samples received within hold time	✓
Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle	✓
ANALYTICAL:	
Was method requirement followed?	✓
Was client requirement followed?	✓
Does the case narrative summarize all QC failure?	✓
All runlogs and manual integration are reviewed for requirements	✓
All manual calculations and /or hand notations verified	✓

QA Review Signature: **SOHIL JODHANI** **Date:** **11/05/2025**

Alliance TECHNICAL GROUP

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

LAB CHRONICLE

OrderID:	Q3447	**OrderDate:**	10/23/2025 1:50:00 PM
Client:	Weston Solutions, Inc.	**Project:**	RFP 905
Contact:	Smita Sumbaly	**Location:**	D41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3447-01	**P001-TW1-251023-01**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
			Pesticide-TCL	8081B		10/23/25	10/24/25	
Q3447-01RE	**P001-TW1-251023-01 RE**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/28/25	
Q3447-02	**P001-TW1-251023-01**	**TCLP**			**10/23/25**			**10/23/25**
			TCLP Herbicide	8151A		10/27/25	10/28/25	
Q3447-03	**P001-TW2-251023-01**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
			Pesticide-TCL	8081B		10/23/25	10/27/25	
Q3447-03RE	**P001-TW2-251023-01 RE**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/28/25	
Q3447-04	**P001-TW2-251023-01**	**TCLP**			**10/23/25**			**10/23/25**
			TCLP Herbicide	8151A		10/27/25	10/28/25	
Q3447-05	**P001-TW3-251023-01**	**SOIL**			**10/23/25**			**10/23/25**
			Pesticide-TCL	8081B		10/23/25	10/24/25	
			PCB	8082A		10/24/25	10/27/25	
Q3447-06	**P001-TW3-251023-01**	**TCLP**			**10/23/25**			**10/23/25**
			TCLP Herbicide	8151A		10/27/25	10/28/25	
Q3447-07	**P001-TW4-251023-01**	**SOIL**			**10/23/25**			**10/23/25**
			Pesticide-TCL	8081B		10/23/25	10/24/25	
			PCB	8082A		10/24/25	10/27/25	
Q3447-08	**P001-TW4-251023-01**	**TCLP**			**10/23/25**			**10/23/25**

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

LAB CHRONICLE

TCLP Herbicide	8151A	10/27/25	10/28/25

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

Hit Summary Sheet
SW-846

SDG No.: Q3447 **Order ID:** Q3447

Client: Weston Solutions, Inc. **Project ID:** RFP 905

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : P001-TW2-251023-01								
Q3447-03	P001-TW2-251023-01	SOIL	Aroclor-1254	820		35.0	185	ug/kg
Q3447-03	P001-TW2-251023-01	SOIL	Aroclor-1260	773	P	35.2	185	ug/kg
			Total Concentration:	**1,593.000**				
Client ID : P001-TW2-251023-01RE								
Q3447-03RE	P001-TW2-251023-01	SOIL	Aroclor-1254	892		35.0	185	ug/kg
Q3447-03RE	P001-TW2-251023-01	SOIL	Aroclor-1260	772		35.2	185	ug/kg
			Total Concentration:	**1,664.000**				

QC
SUMMARY

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

Surrogate Summary

SDG No.: Q3447

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP075887.D	PIBLK-PP075887.D	Tetrachloro-m-xyl	1	20	19.9	100		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	18.8	94		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
I.BLK-PP076067.D	PIBLK-PP076067.D	Tetrachloro-m-xyl	1	20	22.1	110		60	140
		Decachlorobiphen	1	20	22.4	112		60	140
		Tetrachloro-m-xyl	2	20	18.9	95		60	140
		Decachlorobiphen	2	20	18.2	91		60	140
PB170236BL	PB170236BL	Tetrachloro-m-xyl	1	20	27.3	137		32	144
		Decachlorobiphen	1	20	29.0	145		32	175
		Tetrachloro-m-xyl	2	20	26.1	130		32	144
		Decachlorobiphen	2	20	25.2	126		32	175
PB170236BS	PB170236BS	Tetrachloro-m-xyl	1	20	26.7	134		32	144
		Decachlorobiphen	1	20	28.6	143		32	175
		Tetrachloro-m-xyl	2	20	21.3	107		32	144
		Decachlorobiphen	2	20	24.3	121		32	175
Q3447-03	P001-TW2-251023-01	Tetrachloro-m-xyl	1	20	40.9	205	*	32	144
		Decachlorobiphen	1	20	32.9	165		32	175
		Tetrachloro-m-xyl	2	20	265	1324	*	32	144
		Decachlorobiphen	2	20	26.1	131		32	175
Q3447-07	P001-TW4-251023-01	Tetrachloro-m-xyl	1	20	11.0	55		32	144
		Decachlorobiphen	1	20	34.2	171		32	175
		Tetrachloro-m-xyl	2	20	92.7	463	*	32	144
		Decachlorobiphen	2	20	7.20	36		32	175
I.BLK-PP076082.D	PIBLK-PP076082.D	Tetrachloro-m-xyl	1	20	18.9	95		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	17.1	86		60	140
		Decachlorobiphen	2	20	16.7	83		60	140
Q3447-05	P001-TW3-251023-01	Tetrachloro-m-xyl	1	20	27.3	137		32	144
		Decachlorobiphen	1	20	30.0	150		32	175
		Tetrachloro-m-xyl	2	20	33.3	167	*	32	144
		Decachlorobiphen	2	20	26.6	133		32	175
Q3447-01	P001-TW1-251023-01	Tetrachloro-m-xyl	1	20	115	575	*	32	144
		Decachlorobiphen	1	20	26.5	133		32	175
		Tetrachloro-m-xyl	2	20	934	4668	*	32	144
		Decachlorobiphen	2	20	12.0	60		32	175
I.BLK-PP076097.D	PIBLK-PP076097.D	Tetrachloro-m-xyl	1	20	18.7	93		60	140
		Decachlorobiphen	1	20	20.4	102		60	140
		Tetrachloro-m-xyl	2	20	16.8	84		60	140
		Decachlorobiphen	2	20	17.5	87		60	140
I.BLK-PP076115.D	PIBLK-PP076115.D	Tetrachloro-m-xyl	1	20	18.3	92		60	140

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

Surrogate Summary

SDG No.: Q3447

Client: Weston Solutions, Inc.

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%) Low	Limits(%) High
I.BLK-PP076115.D	PIBLK-PP076115.D	Decachlorobiphen	1	20	19.4	97		60	140
		Tetrachloro-m-xyl	2	20	16.2	81		60	140
		Decachlorobiphen	2	20	15.9	79		60	140
Q3447-03RE	P001-TW2-251023-01RE	Tetrachloro-m-xyl	1	20	44.3	221	*	32	144
		Decachlorobiphen	1	20	33.8	169		32	175
		Tetrachloro-m-xyl	2	20	264	1318	*	32	144
		Decachlorobiphen	2	20	23.7	119		32	175
Q3447-01RE	P001-TW1-251023-01RE	Tetrachloro-m-xyl	1	20	134	670	*	32	144
		Decachlorobiphen	1	20	141	705	*	32	175
		Tetrachloro-m-xyl	2	20	931	4655	*	32	144
		Decachlorobiphen	2	20	11.0	55		32	175
I.BLK-PP076131.D	PIBLK-PP076131.D	Tetrachloro-m-xyl	1	20	17.9	90		60	140
		Decachlorobiphen	1	20	18.8	94		60	140
		Tetrachloro-m-xyl	2	20	16.3	81		60	140
		Decachlorobiphen	2	20	16.2	81		60	140
I.BLK-PQ070972.D	PIBLK-PQ070972.D	Tetrachloro-m-xyl	1	20	18.3	91		60	140
		Decachlorobiphen	1	20	19.0	95		60	140
		Tetrachloro-m-xyl	2	20	19.1	96		60	140
		Decachlorobiphen	2	20	19.4	97		60	140
I.BLK-PQ071150.D	PIBLK-PQ071150.D	Tetrachloro-m-xyl	1	20	22.5	113		60	140
		Decachlorobiphen	1	20	25.7	129		60	140
		Tetrachloro-m-xyl	2	20	19.9	100		60	140
		Decachlorobiphen	2	20	24.5	122		60	140
Q3450-02MS	SS-5R-(3.5-4.0)MS	Tetrachloro-m-xyl	1	20	23.4	117		32	144
		Decachlorobiphen	1	20	22.4	112		32	175
		Tetrachloro-m-xyl	2	20	18.7	94		32	144
		Decachlorobiphen	2	20	20.7	104		32	175
Q3450-02MSD	SS-5R-(3.5-4.0)MSD	Tetrachloro-m-xyl	1	20	25.7	128		32	144
		Decachlorobiphen	1	20	24.0	120		32	175
		Tetrachloro-m-xyl	2	20	22.2	111		32	144
		Decachlorobiphen	2	20	22.9	114		32	175
I.BLK-PQ071165.D	PIBLK-PQ071165.D	Tetrachloro-m-xyl	1	20	20.3	102		60	140
		Decachlorobiphen	1	20	23.5	117		60	140
		Tetrachloro-m-xyl	2	20	18.4	92		60	140
		Decachlorobiphen	2	20	22.2	111		60	140

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3447 **Analytical Method:** 8082A

Client: Weston Solutions, Inc. **DataFile :** PQ071153.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3450-02MS (Column 1)**	**Client Sample ID:**		**SS-5R-(3.5-4.0)MS**								
	AR1016	192.7	0	121	ug/kg	63				55	146	
	AR1260	192.7	0	145	ug/kg	75				54	119	
Lab Sample ID:	**Q3450-02MS (Column 2)**	**Client Sample ID:**		**SS-5R-(3.5-4.0)MS**								
	AR1016	192.7	0	118	ug/kg	61				55	146	
	AR1260	192.7	0	123	ug/kg	64				54	119	

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

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: Q3447 **Analytical Method:** 8082A

Client: Weston Solutions, Inc. **DataFile :** PQ071154.D

	Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID:	**Q3450-02MSD (Column 1)**	**Client Sample ID:**		**SS-5R-(3.5-4.0)MSD**								
	AR1016	192.9	0	162	ug/kg	84		29	*	55	146	15
	AR1260	192.9	0	166	ug/kg	86		14		54	119	15
Lab Sample ID:	**Q3450-02MSD (Column 2)**	**Client Sample ID:**		**SS-5R-(3.5-4.0)MSD**								
	AR1016	192.9	0	143	ug/kg	74		19	*	55	146	15
	AR1260	192.9	0	153	ug/kg	79		21		54	119	15

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q3447 **Analytical Method:** 8082A

Client: Weston Solutions, Inc. **Datafile :** PP076069.D

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB170236BS (Column 1)	AR1016	166.6	145	ug/kg	87				71	120	
	AR1260	166.6	149	ug/kg	89				65	130	
PB170236BS (Column 2)	AR1016	166.6	127	ug/kg	76				71	120	
	AR1260	166.6	143	ug/kg	86				65	130	

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

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID: PB170236BL

Lab Name: Alliance | Contract: ROYF02

Lab Code: ACE | SDG NO.: Q3447

Lab Sample ID: PB170236BL | Lab File ID: PP076068.D

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

Sulfur Cleanup: (Y/N) N | Date Extracted: 10/24/2025

Date Analyzed (1): 10/27/2025 | Date Analyzed (2): 10/27/2025

Time Analyzed (1): 10:18 | Time Analyzed (2): 10:18

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
PB170236BS	PB170236BS	PP076069.D	10/27/2025	10/27/2025
P001-TW2-251023-01	Q3447-03	PP076075.D	10/27/2025	10/27/2025
P001-TW4-251023-01	Q3447-07	PP076076.D	10/27/2025	10/27/2025
P001-TW3-251023-01	Q3447-05	PP076087.D	10/27/2025	10/27/2025
P001-TW1-251023-01	Q3447-01	PP076088.D	10/27/2025	10/27/2025
SS-5R-(3.5-4.0)MS	Q3450-02MS	PQ071153.D	10/27/2025	10/27/2025
SS-5R-(3.5-4.0)MSD	Q3450-02MSD	PQ071154.D	10/27/2025	10/27/2025

COMMENTS:

Alliance
TECHNICAL GROUP

SAMPLE DATA

Raw Data: **PP076088.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW1-251023-01	SDG No.:	Q3447
Lab Sample ID:	Q3447-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date 10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	197	U	50	197	848	ug/kg	10/27/25 16:50	PB170236
11104-28-2	Aroclor-1221	201	U	50	201	848	ug/kg	10/27/25 16:50	PB170236
11141-16-5	Aroclor-1232	186	U	50	186	848	ug/kg	10/27/25 16:50	PB170236
53469-21-9	Aroclor-1242	200	U	50	200	848	ug/kg	10/27/25 16:50	PB170236
12672-29-6	Aroclor-1248	295	U	50	295	848	ug/kg	10/27/25 16:50	PB170236
11097-69-1	Aroclor-1254	160	U	50	160	848	ug/kg	10/27/25 16:50	PB170236
37324-23-5	Aroclor-1262	250	U	50	250	848	ug/kg	10/27/25 16:50	PB170236
11100-14-4	Aroclor-1268	180	U	50	180	848	ug/kg	10/27/25 16:50	PB170236
11096-82-5	Aroclor-1260	161	U	50	161	848	ug/kg	10/27/25 16:50	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	934	*		32 - 144	4668%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.5			32 - 175	133%	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: **PP076088.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:50
Operator : YP\AJ
Sample : Q3447-01 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-TW1-251023-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.622	3.809f	3285992	123.6E6	2.299m	18.668m#
2)	SA Decachlor...	10.406	8.777	565777	2006183	0.526m	0.244 #
	Target Compounds						

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

Sample Results: **PP076088.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076088.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:50
Operator : YP\AJ
Sample : Q3447-01 50X
Misc :
ALS Vial : 23 Sample Multiplier: 1

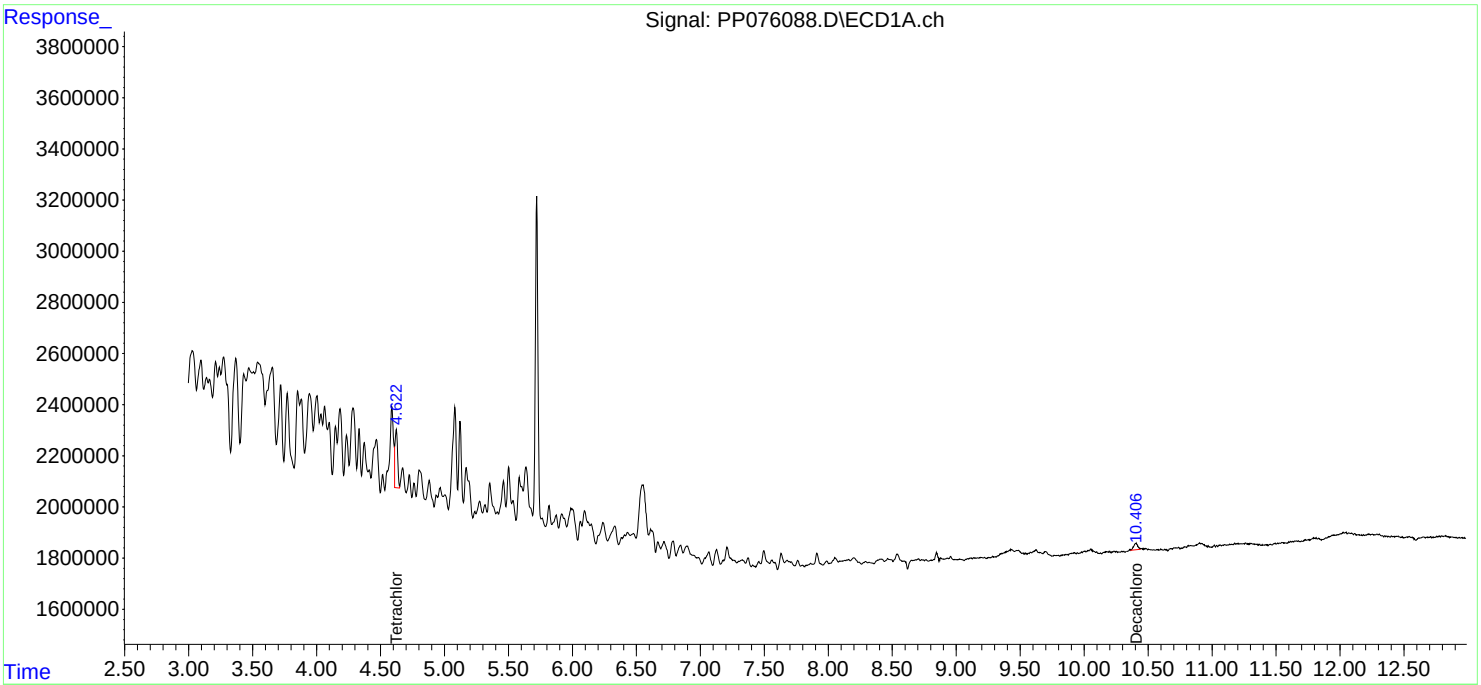
Instrument :
ECD_P
ClientSampleId :
P001-TW1-251023-01

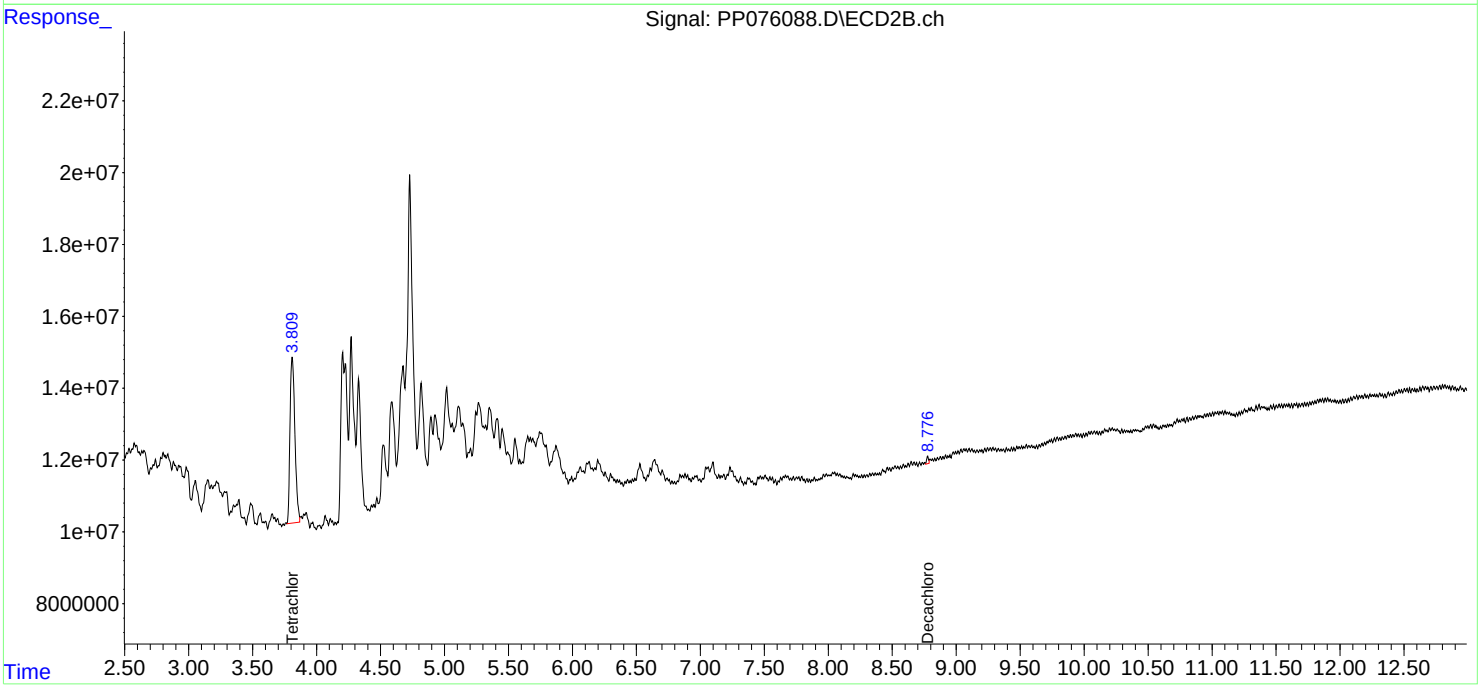
Manual Integrations APPROVED

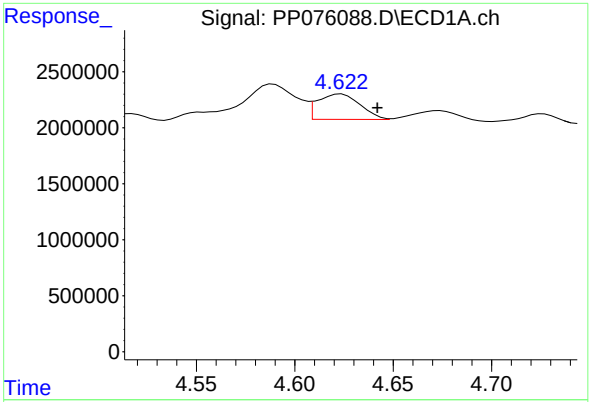
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







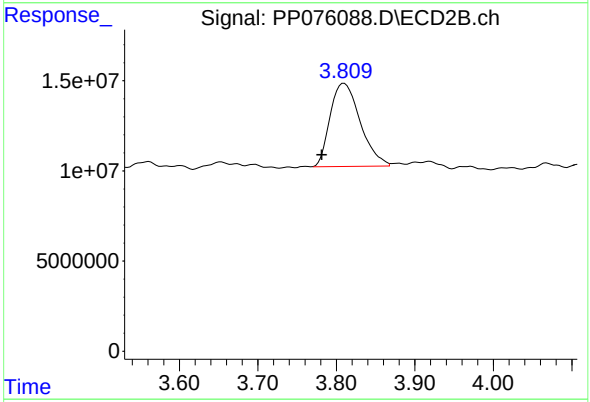
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: -0.020 min
Response: 3285992
Conc: 2.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW1-251023-01

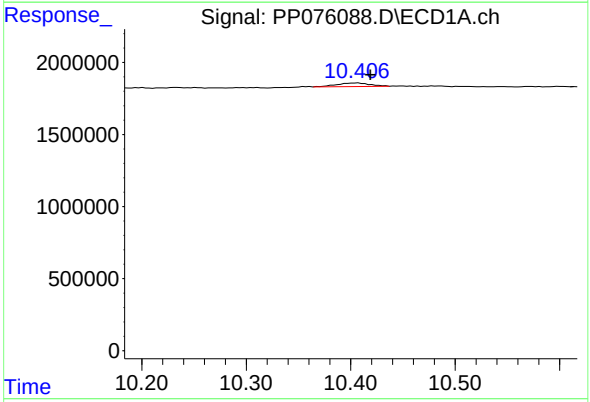
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



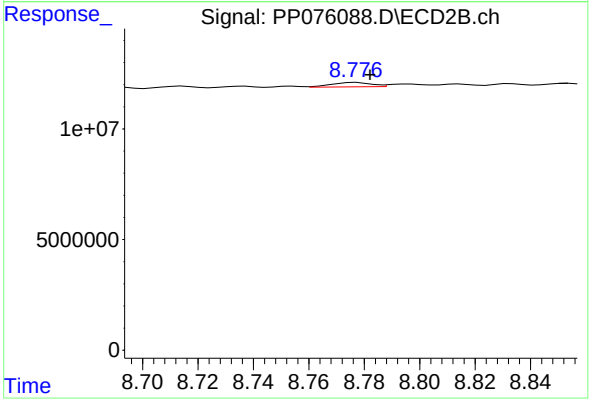
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: 0.027 min
Response: 123552822
Conc: 18.67 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 565777
Conc: 0.53 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 2006183
Conc: 0.24 ng/ml

Raw Data: **PP076120.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW1-251023-01RE	SDG No.:	Q3447
Lab Sample ID:	Q3447-01RE	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.07 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date 10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	197	U	50	197	848	ug/kg	10/28/25 12:09	PB170236
11104-28-2	Aroclor-1221	201	U	50	201	848	ug/kg	10/28/25 12:09	PB170236
11141-16-5	Aroclor-1232	186	U	50	186	848	ug/kg	10/28/25 12:09	PB170236
53469-21-9	Aroclor-1242	200	U	50	200	848	ug/kg	10/28/25 12:09	PB170236
12672-29-6	Aroclor-1248	295	U	50	295	848	ug/kg	10/28/25 12:09	PB170236
11097-69-1	Aroclor-1254	160	U	50	160	848	ug/kg	10/28/25 12:09	PB170236
37324-23-5	Aroclor-1262	250	U	50	250	848	ug/kg	10/28/25 12:09	PB170236
11100-14-4	Aroclor-1268	180	U	50	180	848	ug/kg	10/28/25 12:09	PB170236
11096-82-5	Aroclor-1260	161	U	50	161	848	ug/kg	10/28/25 12:09	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	931	*		32 - 144	4655%	SPK: 20		
2051-24-3	Decachlorobiphenyl	141	*		32 - 175	705%	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: **PP076120.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:09
Operator : YP\AJ
Sample : Q3447-01RE 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-TW1-251023-01RE

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.624	3.812f	3834805	123.2E6	2.683m	18.622m#
2)	SA Decachlor...	10.407	8.780	3032665	1788403	2.817	0.217 #
	Target Compounds						

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

Sample Results: **PP076120.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076120.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 12:09
Operator : YP\AJ
Sample : Q3447-01RE 50X
Misc :
ALS Vial : 12 Sample Multiplier: 1

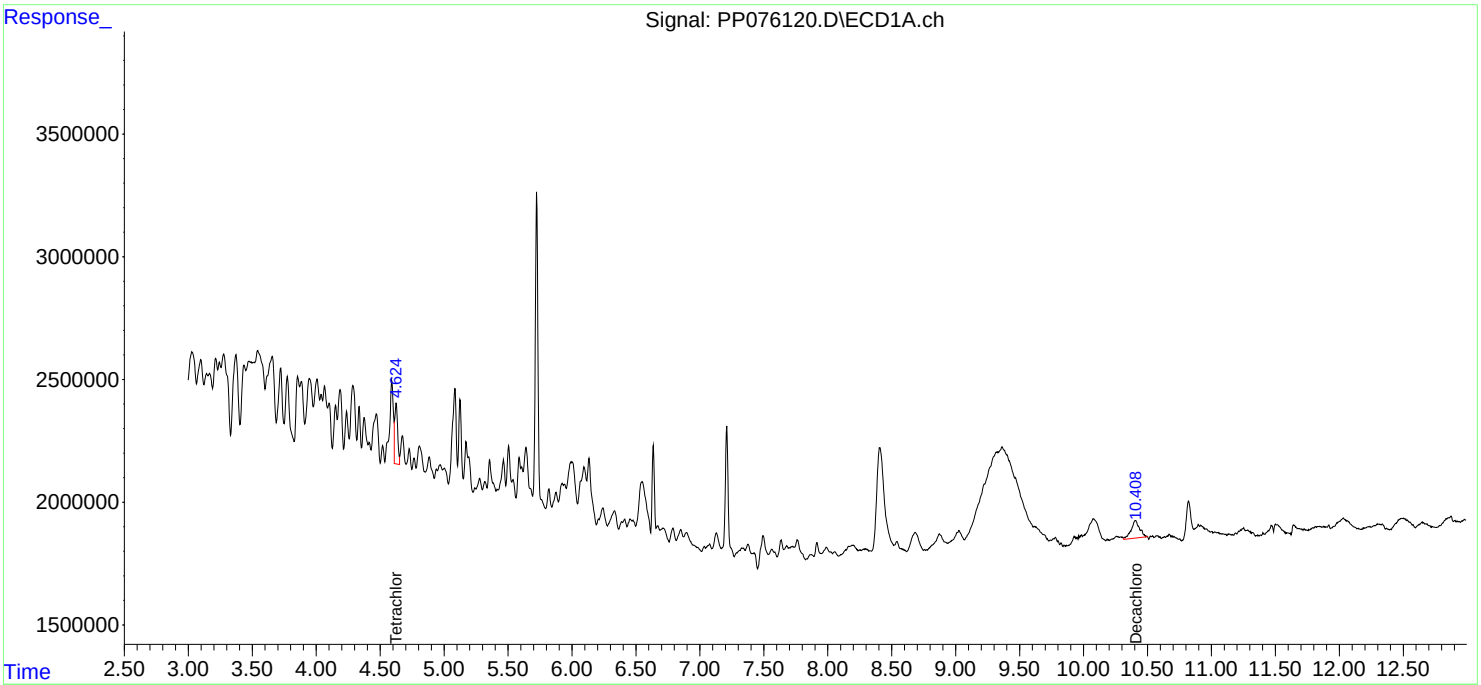
Instrument :
ECD_P
ClientSampleId :
P001-TW1-251023-01RE

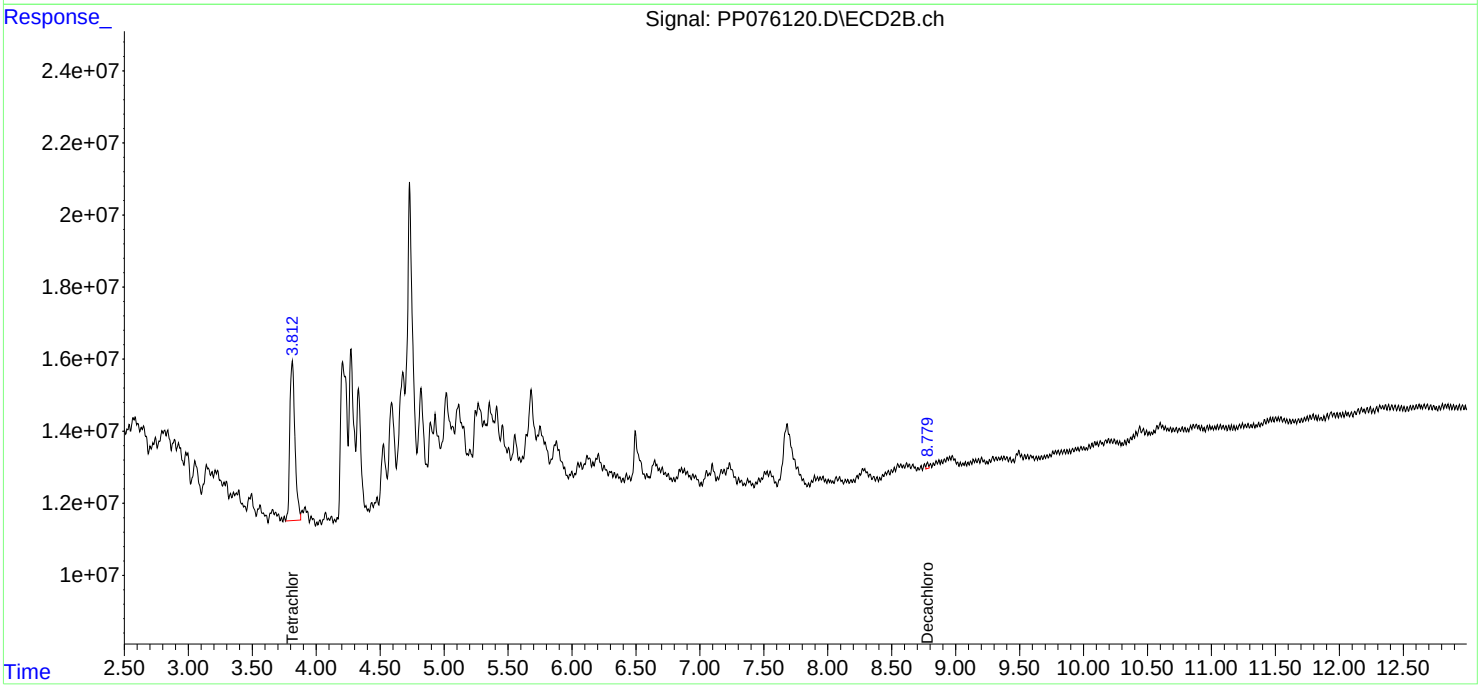
Manual Integrations APPROVED

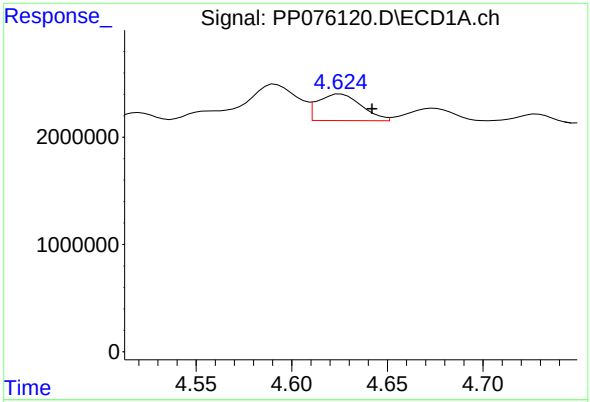
Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







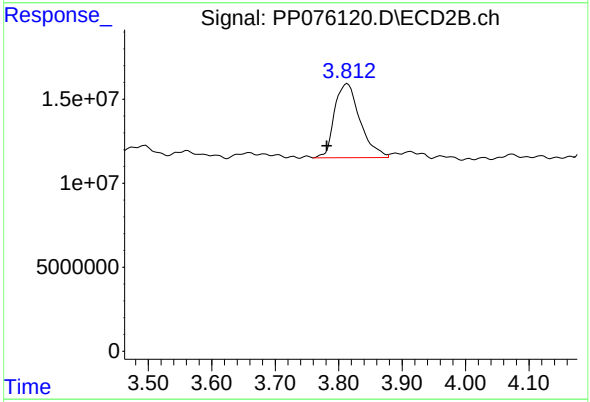
#1 Tetrachloro-m-xylene

R.T.: 4.624 min
Delta R.T.: -0.018 min
Response: 3834805
Conc: 2.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW1-251023-01RE

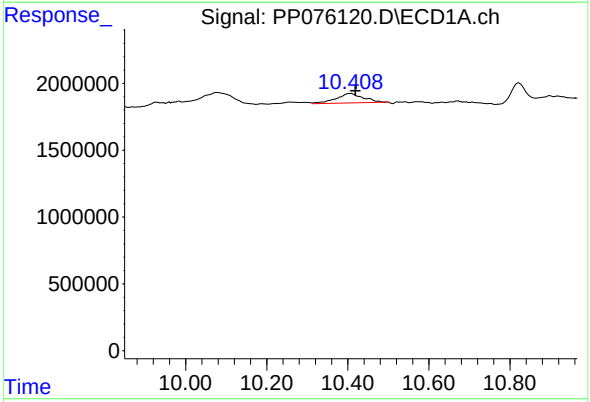
Manual Integrations APPROVED

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



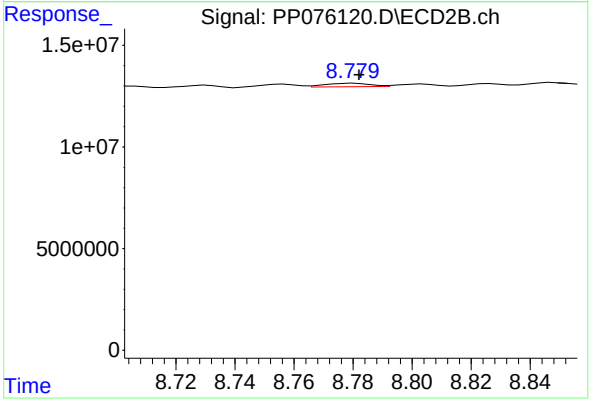
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.031 min
Response: 123244980
Conc: 18.62 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.012 min
Response: 3032665
Conc: 2.82 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.780 min
Delta R.T.: -0.002 min
Response: 1788403
Conc: 0.22 ng/ml

Raw Data: **PP076075.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW2-251023-01	SDG No.:	Q3447
Lab Sample ID:	Q3447-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.7
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	43.0	U	10	43.0	185	ug/kg	10/27/25 12:30	PB170236
11104-28-2	Aroclor-1221	43.9	U	10	43.9	185	ug/kg	10/27/25 12:30	PB170236
11141-16-5	Aroclor-1232	40.5	U	10	40.5	185	ug/kg	10/27/25 12:30	PB170236
53469-21-9	Aroclor-1242	43.7	U	10	43.7	185	ug/kg	10/27/25 12:30	PB170236
12672-29-6	Aroclor-1248	64.5	U	10	64.5	185	ug/kg	10/27/25 12:30	PB170236
11097-69-1	Aroclor-1254	820		10	35.0	185	ug/kg	10/27/25 12:30	PB170236
37324-23-5	Aroclor-1262	54.7	U	10	54.7	185	ug/kg	10/27/25 12:30	PB170236
11100-14-4	Aroclor-1268	39.2	U	10	39.2	185	ug/kg	10/27/25 12:30	PB170236
11096-82-5	Aroclor-1260	773	P	10	35.2	185	ug/kg	10/27/25 12:30	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	265	*		32 - 144	1324%	SPK: 20		
2051-24-3	Decachlorobiphenyl	32.9			32 - 175	165%	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: **PP076075.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:30
Operator : YP\AJ
Sample : Q3447-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.628	3.813f	5843673	175.2E6	4.089m	26.471	#
2)	SA Decachlor...	10.406	8.772	3545573	21442512	3.294	2.608	
	Target Compounds							
26)	L6 AR-1254-1	6.637	5.655	18013241	168.9E6	225.466	299.474	#
27)	L6 AR-1254-2	6.856	5.801	22333551	88508172	223.371	166.971	#
28)	L6 AR-1254-3	7.217	6.207	17152536	148.8E6	165.000	174.793	
29)	L6 AR-1254-4	7.498	6.432	12674140	53932147	151.580	85.636	#
30)	L6 AR-1254-5	7.916	6.845	33391198	142.8E6	364.649	198.415	#
31)	L7 AR-1260-1	7.380	6.334	16497391	90162872	239.939	164.622	#
32)	L7 AR-1260-2	7.633	6.521	22323928	120.1E6	249.214	147.587	#
33)	L7 AR-1260-3	7.992	6.673	13355449	60293312	192.757	107.139	#
34)	L7 AR-1260-4	8.217	7.142	14588441	62116337	212.748m	119.608	#
35)	L7 AR-1260-5	8.544	7.382	25180309	205.6E6	170.193	151.698	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076075.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:30
Operator : YP\AJ
Sample : Q3447-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

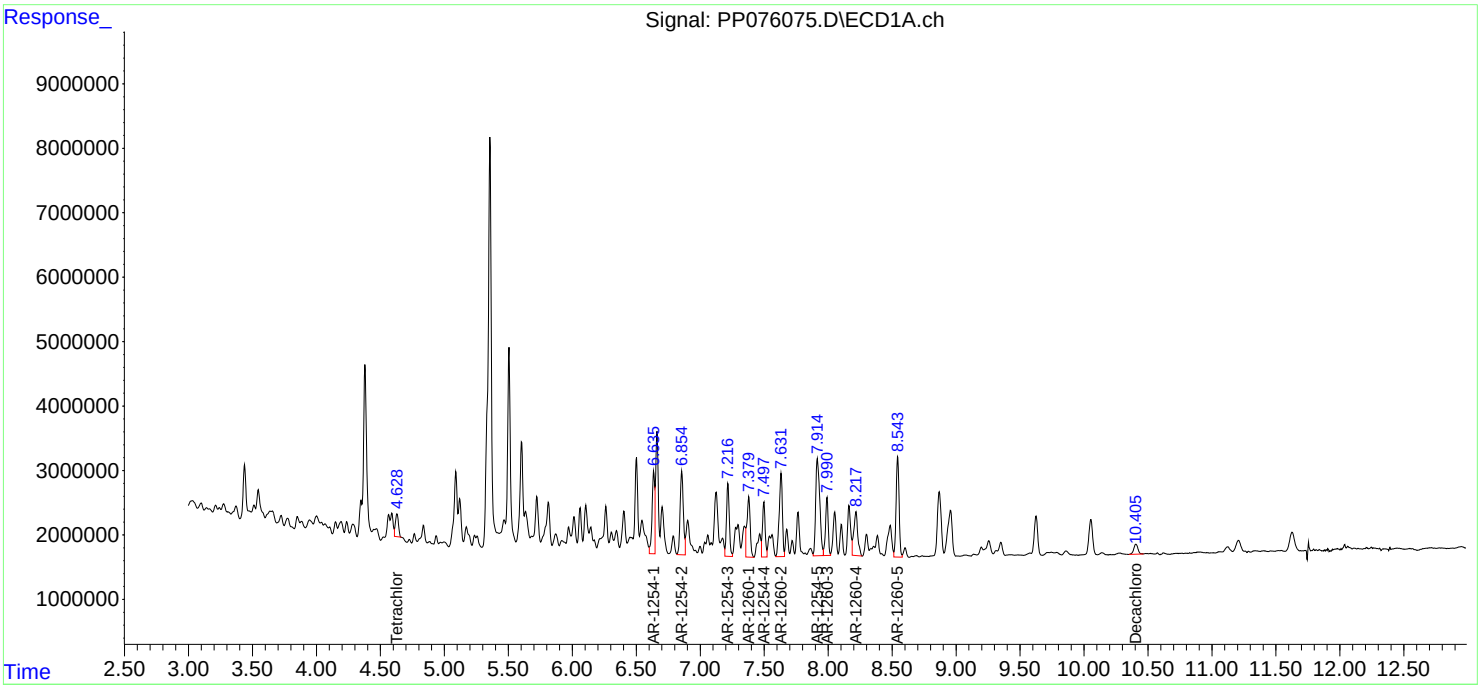
Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

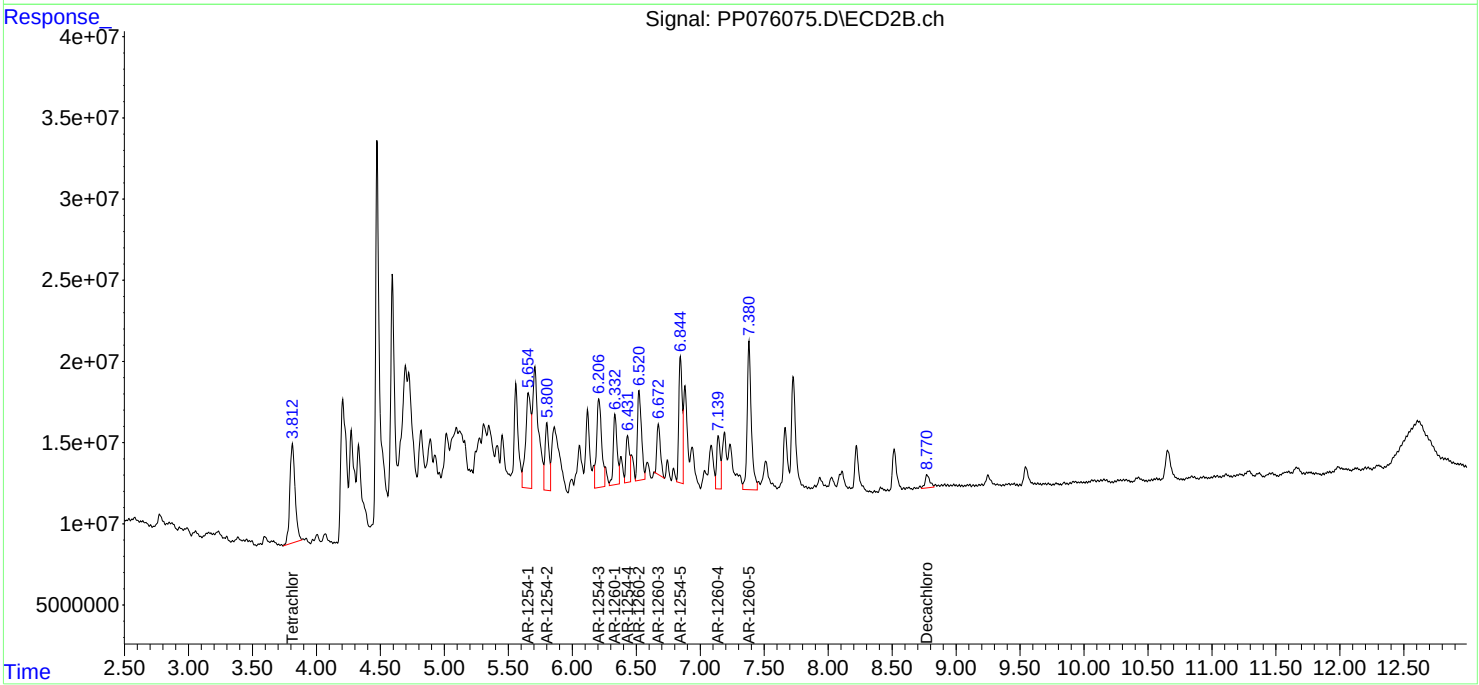
Manual Integrations APPROVED

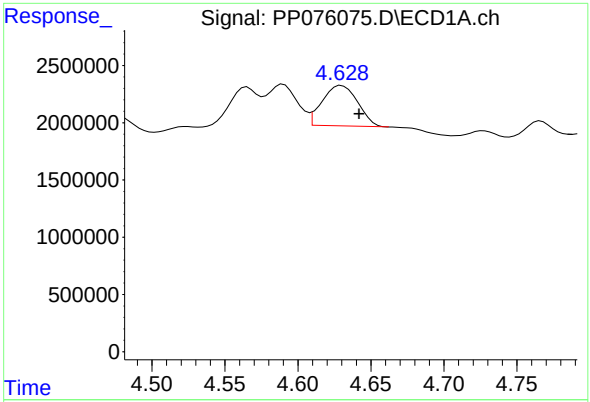
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:01:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







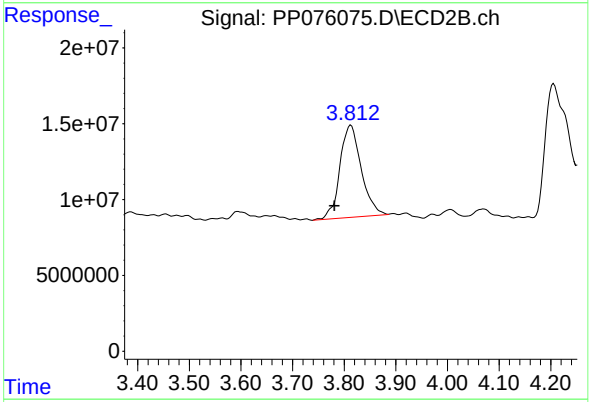
#1 Tetrachloro-m-xylene

R.T.: 4.628 min
Delta R.T.: -0.014 min
Response: 5843673
Conc: 4.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

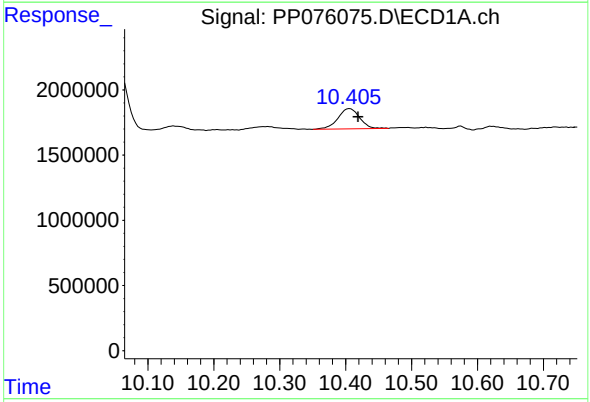
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



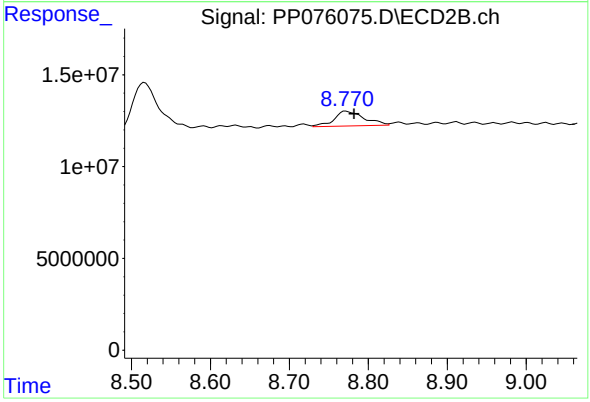
#1 Tetrachloro-m-xylene

R.T.: 3.813 min
Delta R.T.: 0.032 min
Response: 175195530
Conc: 26.47 ng/ml



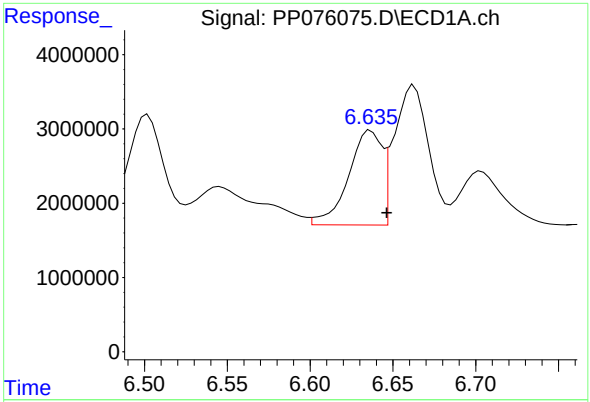
#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 3545573
Conc: 3.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.010 min
Response: 21442512
Conc: 2.61 ng/ml



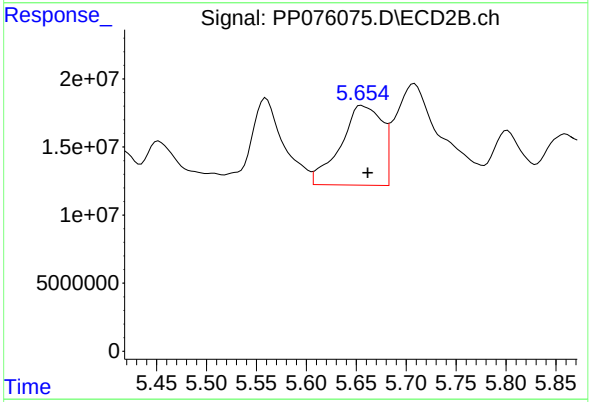
#26 AR-1254-1

R.T.: 6.637 min
Delta R.T.: -0.010 min
Response: 18013241
Conc: 225.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

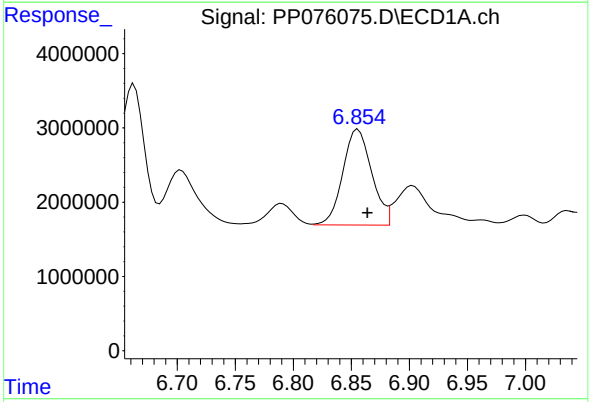
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



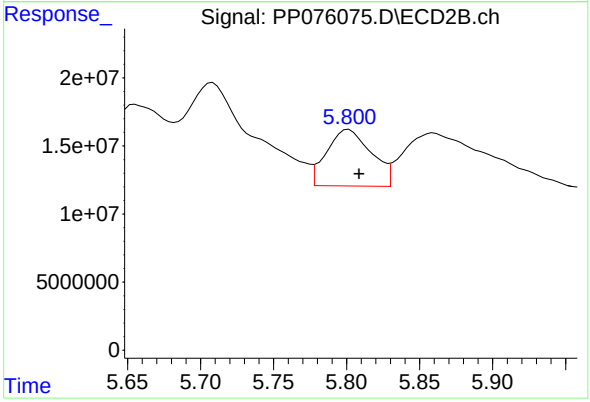
#26 AR-1254-1

R.T.: 5.655 min
Delta R.T.: -0.006 min
Response: 168903198
Conc: 299.47 ng/ml



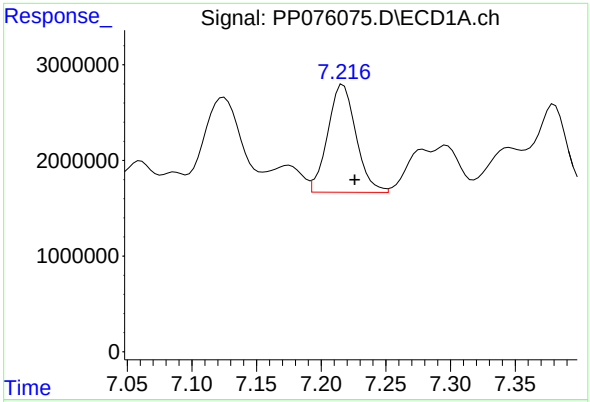
#27 AR-1254-2

R.T.: 6.856 min
Delta R.T.: -0.008 min
Response: 22333551
Conc: 223.37 ng/ml



#27 AR-1254-2

R.T.: 5.801 min
Delta R.T.: -0.007 min
Response: 88508172
Conc: 166.97 ng/ml



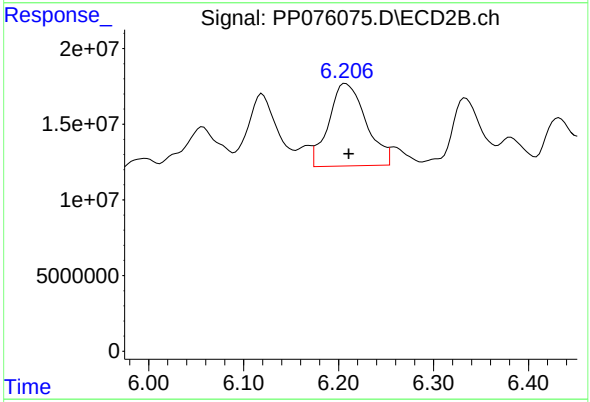
#28 AR-1254-3

R.T.: 7.217 min
Delta R.T.: -0.009 min
Response: 17152536
Conc: 165.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

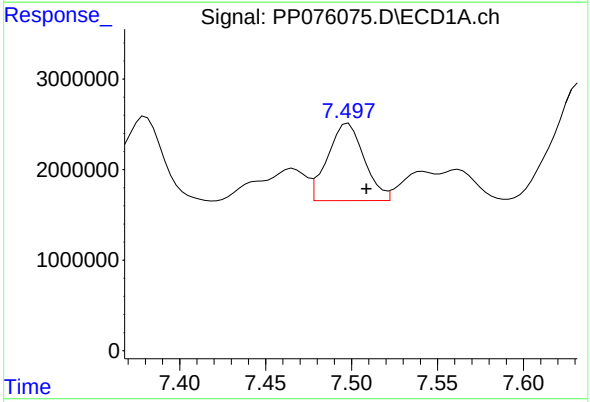
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



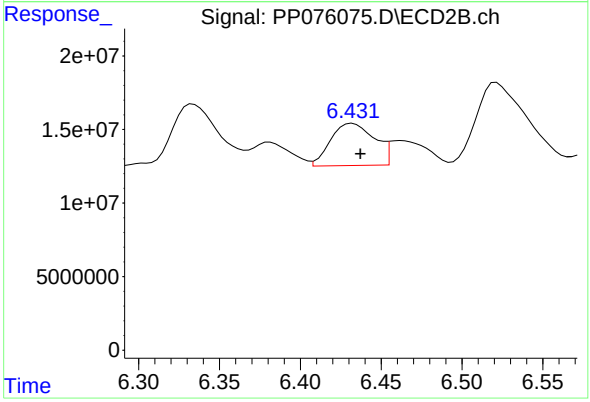
#28 AR-1254-3

R.T.: 6.207 min
Delta R.T.: -0.003 min
Response: 148764835
Conc: 174.79 ng/ml



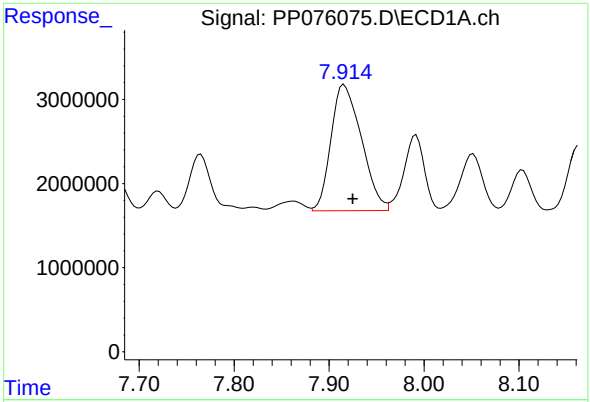
#29 AR-1254-4

R.T.: 7.498 min
Delta R.T.: -0.011 min
Response: 12674140
Conc: 151.58 ng/ml



#29 AR-1254-4

R.T.: 6.432 min
Delta R.T.: -0.005 min
Response: 53932147
Conc: 85.64 ng/ml



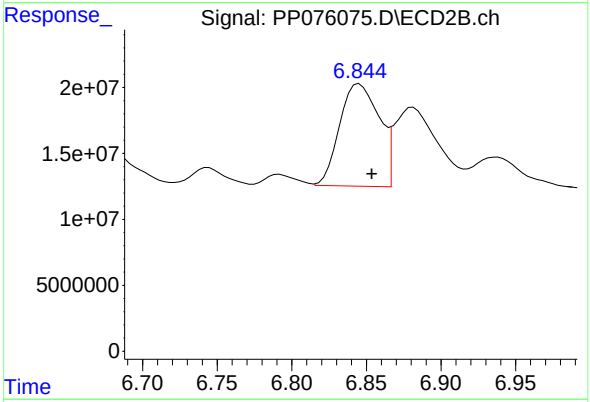
#30 AR-1254-5

R.T.: 7.916 min
Delta R.T.: -0.009 min
Response: 33391198
Conc: 364.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

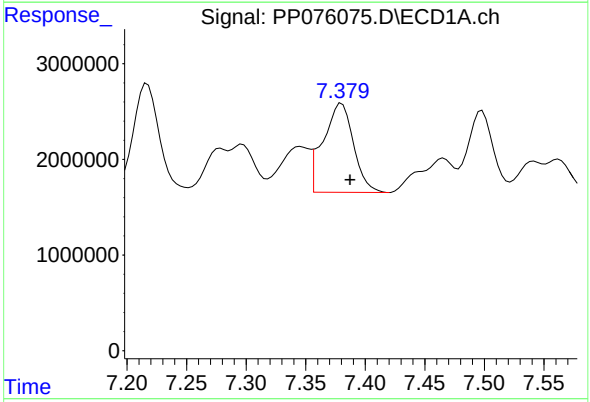
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



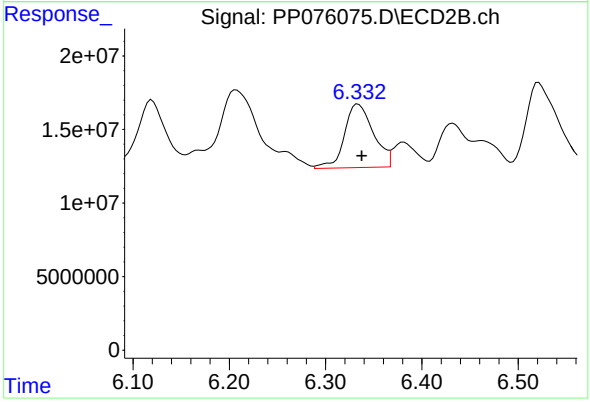
#30 AR-1254-5

R.T.: 6.845 min
Delta R.T.: -0.008 min
Response: 142835638
Conc: 198.42 ng/ml



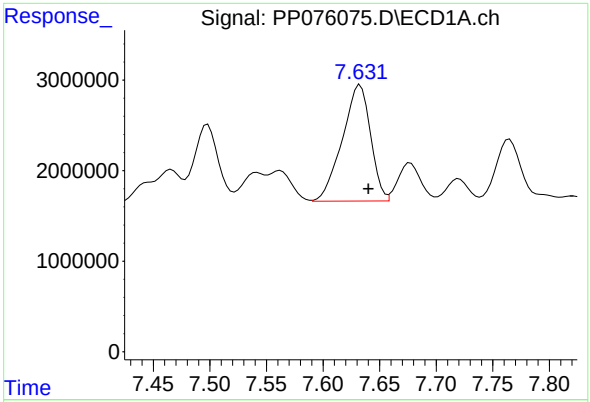
#31 AR-1260-1

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 16497391
Conc: 239.94 ng/ml



#31 AR-1260-1

R.T.: 6.334 min
Delta R.T.: -0.004 min
Response: 90162872
Conc: 164.62 ng/ml



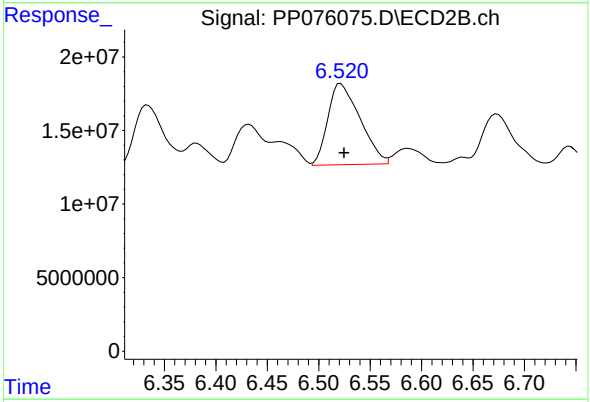
#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 22323928
Conc: 249.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

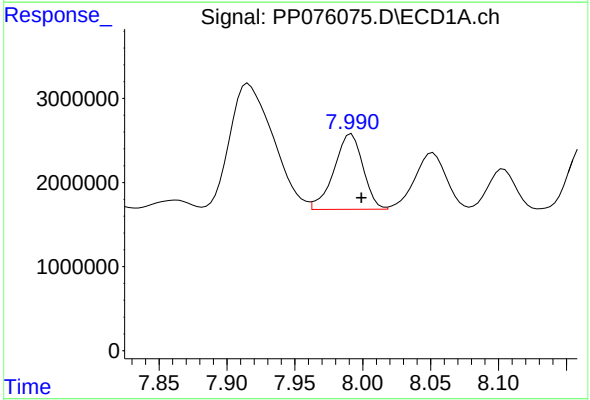
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



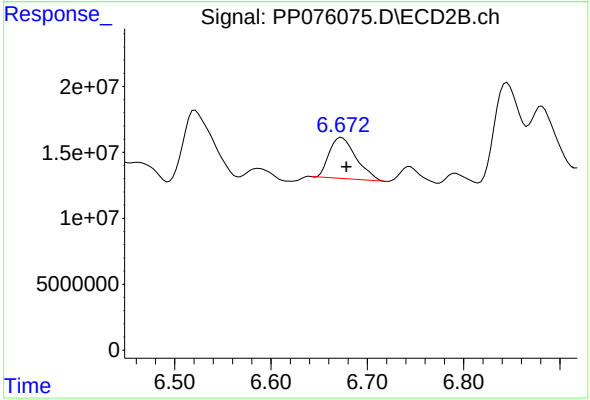
#32 AR-1260-2

R.T.: 6.521 min
Delta R.T.: -0.003 min
Response: 120096648
Conc: 147.59 ng/ml



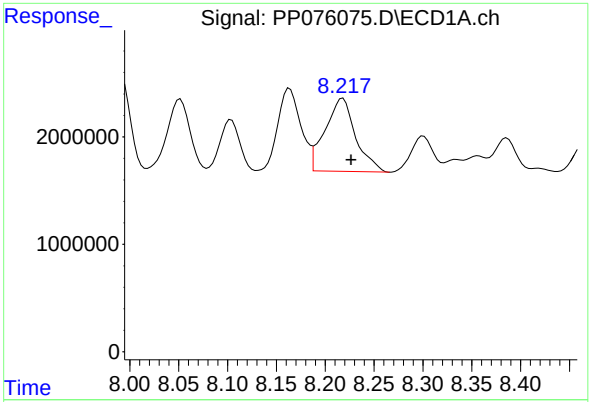
#33 AR-1260-3

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 13355449
Conc: 192.76 ng/ml



#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: -0.005 min
Response: 60293312
Conc: 107.14 ng/ml



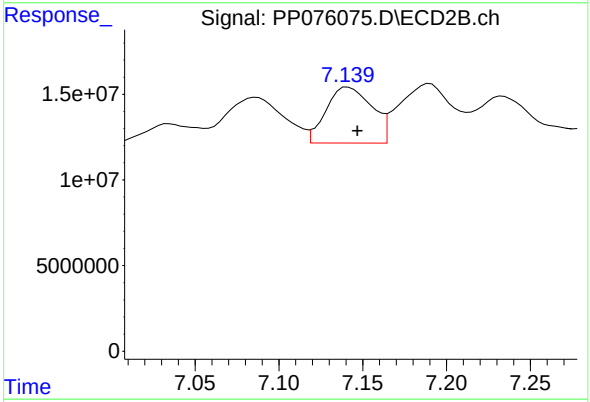
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: -0.010 min
Response: 14588441
Conc: 212.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01

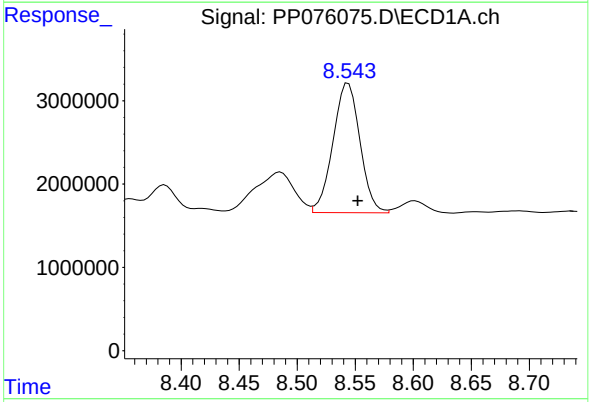
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



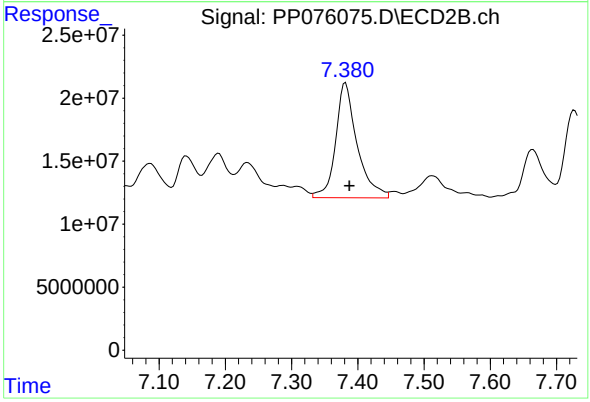
#34 AR-1260-4

R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 62116337
Conc: 119.61 ng/ml



#35 AR-1260-5

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 25180309
Conc: 170.19 ng/ml



#35 AR-1260-5

R.T.: 7.382 min
Delta R.T.: -0.006 min
Response: 205635473
Conc: 151.70 ng/ml

Raw Data: **PP076119.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW2-251023-01RE	SDG No.:	Q3447
Lab Sample ID:	Q3447-03RE	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.7
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	43.0	U	10	43.0	185	ug/kg	10/28/25 11:53	PB170236
11104-28-2	Aroclor-1221	43.9	U	10	43.9	185	ug/kg	10/28/25 11:53	PB170236
11141-16-5	Aroclor-1232	40.5	U	10	40.5	185	ug/kg	10/28/25 11:53	PB170236
53469-21-9	Aroclor-1242	43.7	U	10	43.7	185	ug/kg	10/28/25 11:53	PB170236
12672-29-6	Aroclor-1248	64.5	U	10	64.5	185	ug/kg	10/28/25 11:53	PB170236
11097-69-1	Aroclor-1254	892		10	35.0	185	ug/kg	10/28/25 11:53	PB170236
37324-23-5	Aroclor-1262	54.7	U	10	54.7	185	ug/kg	10/28/25 11:53	PB170236
11100-14-4	Aroclor-1268	39.2	U	10	39.2	185	ug/kg	10/28/25 11:53	PB170236
11096-82-5	Aroclor-1260	772		10	35.2	185	ug/kg	10/28/25 11:53	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	264	*		32 - 144	1318%	SPK: 20		
2051-24-3	Decachlorobiphenyl	33.8			32 - 175	169%	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: **PP076119.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:53
Operator : YP\AJ
Sample : Q3447-03RE 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:04:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	4.626	3.812f	6324699	174.5E6	4.426m	26.361	#
2)	SA Decachlor...	10.399	8.776	3640908	19514078	3.382	2.373	#
	Target Compounds							
26)	L6 AR-1254-1	6.660	5.654	27049988	179.0E6	338.576	317.424	
27)	L6 AR-1254-2	6.852	5.800	22114360	96546620	221.178	182.136	
28)	L6 AR-1254-3	7.214	6.205	17375059	181.2E6	167.141	212.960	#
29)	L6 AR-1254-4	7.495	6.429	12536756	71198522	149.936	113.053	
30)	L6 AR-1254-5	7.912	6.843	32236978	141.0E6	352.044	195.843	#
31)	L7 AR-1260-1	7.377	6.333	16040802	96058952	233.298	175.388	
32)	L7 AR-1260-2	7.630	6.521	22776890	130.9E6	254.271	160.910	#
33)	L7 AR-1260-3	7.988	6.670	13249753	77733323	191.231	138.129m	#
34)	L7 AR-1260-4	8.213	7.139	14582456	66114533	212.661m	127.307	#
35)	L7 AR-1260-5	8.541	7.380	25342520	220.3E6	171.289	162.499	

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076119.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 11:53
Operator : YP\AJ
Sample : Q3447-03RE 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

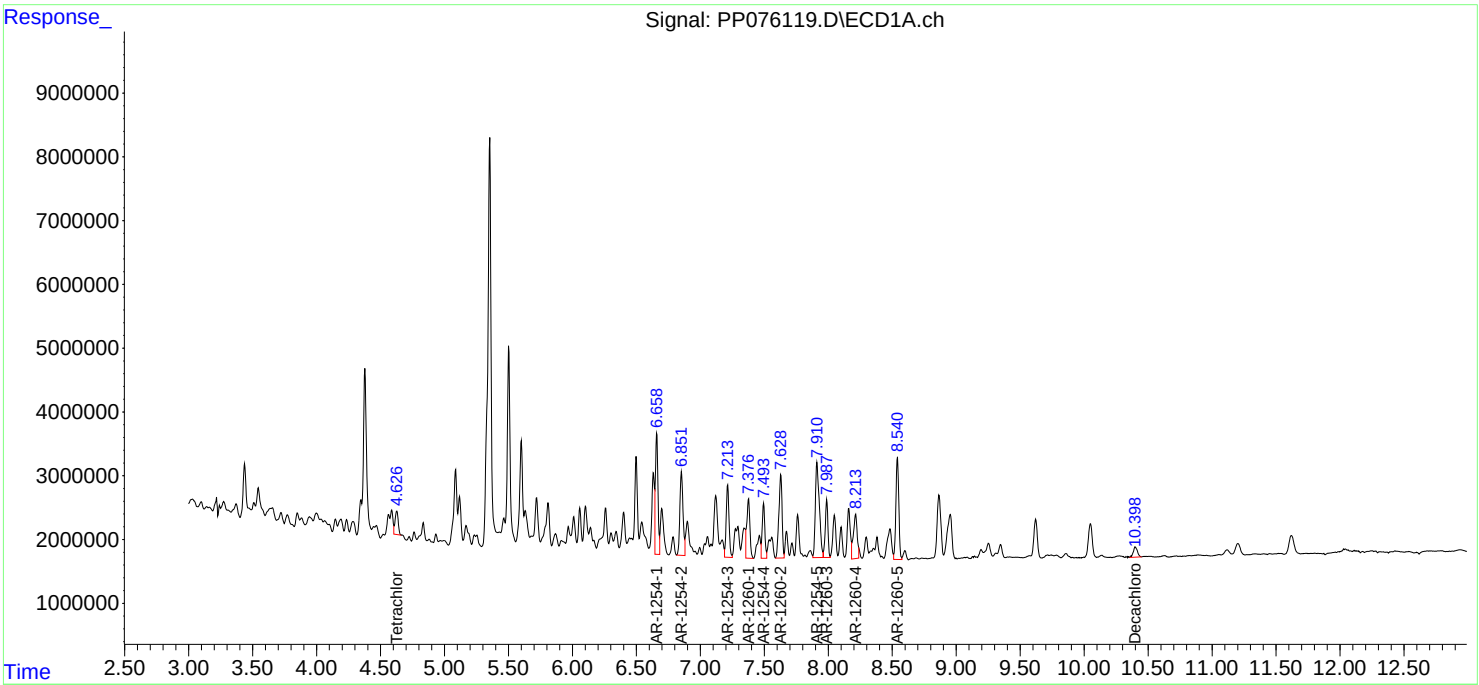
Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

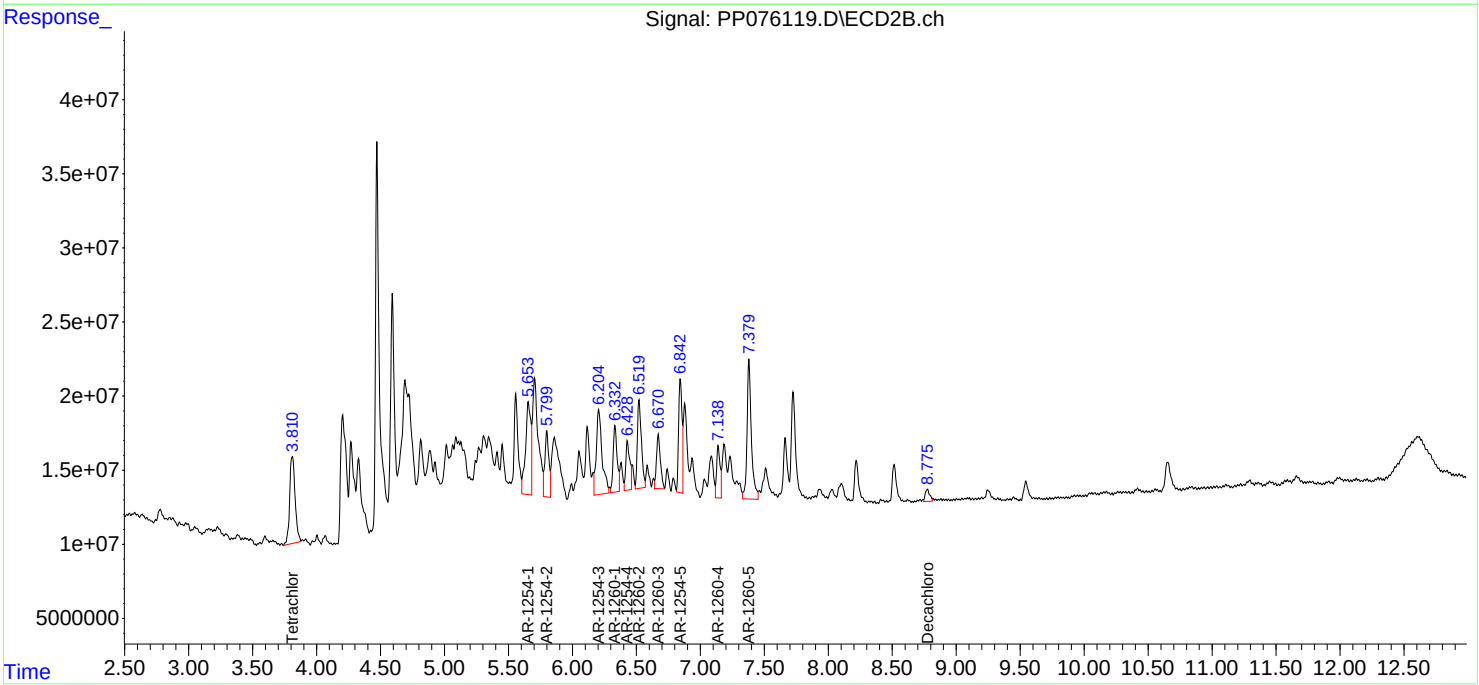
Manual Integrations APPROVED

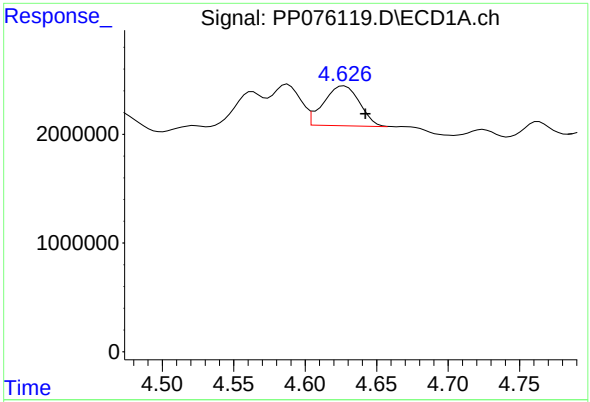
Reviewed By :Yogesh Patel 10/29/2025
Supervised By :Sohil Jodhani 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 14:04:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







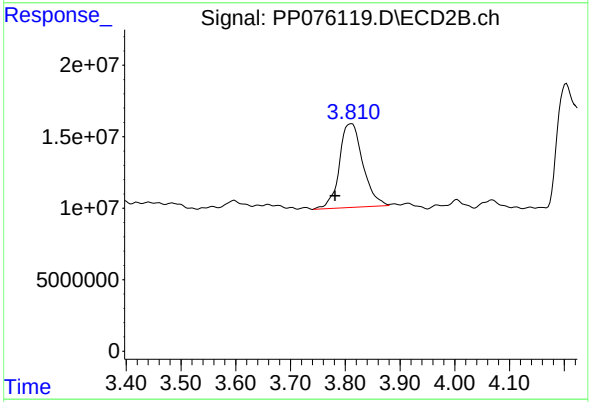
#1 Tetrachloro-m-xylene

R.T.: 4.626 min
Delta R.T.: -0.016 min
Response: 6324699
Conc: 4.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

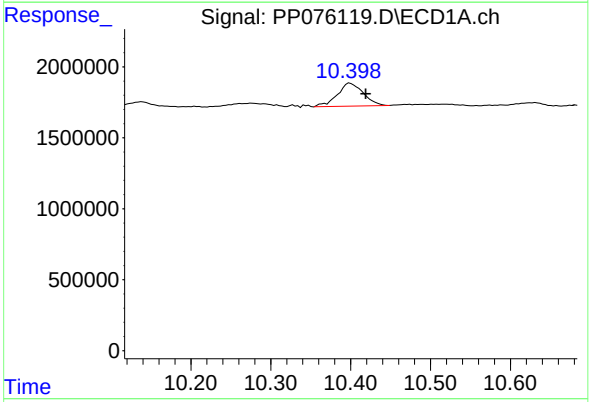
Manual Integrations APPROVED

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



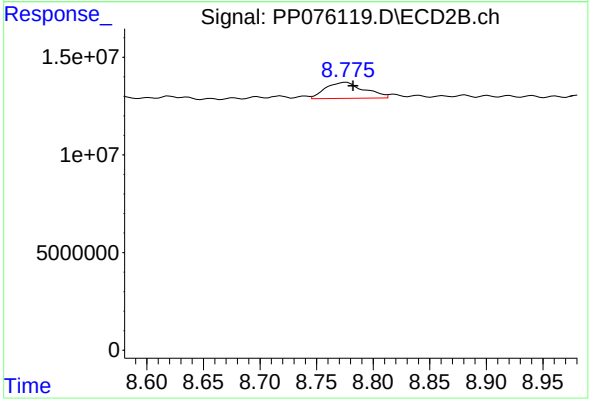
#1 Tetrachloro-m-xylene

R.T.: 3.812 min
Delta R.T.: 0.031 min
Response: 174465698
Conc: 26.36 ng/ml



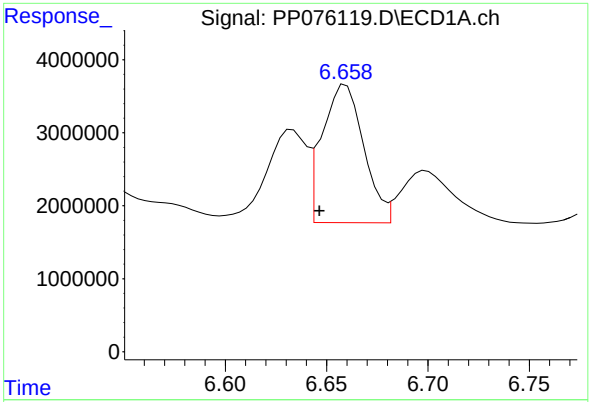
#2 Decachlorobiphenyl

R.T.: 10.399 min
Delta R.T.: -0.019 min
Response: 3640908
Conc: 3.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.776 min
Delta R.T.: -0.006 min
Response: 19514078
Conc: 2.37 ng/ml



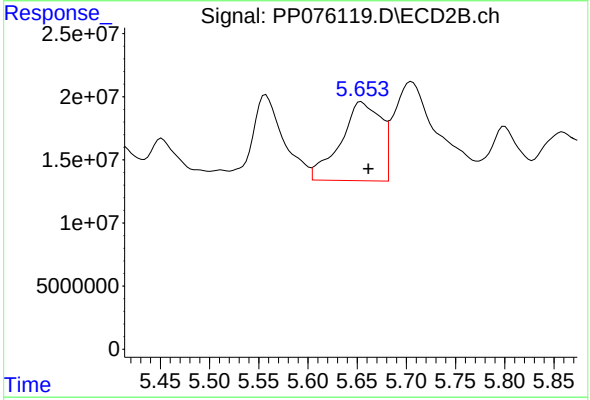
#26 AR-1254-1

R.T.: 6.660 min
Delta R.T.: 0.013 min
Response: 27049988
Conc: 338.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

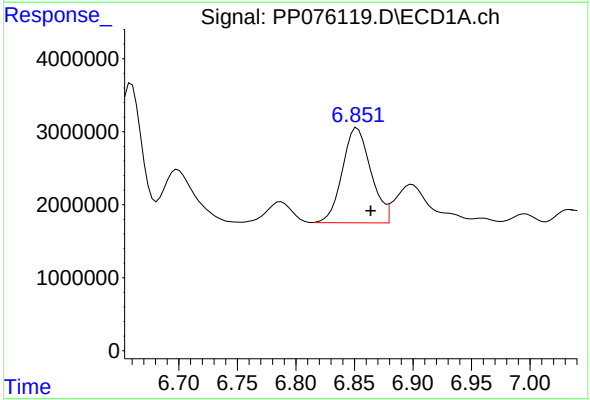
Manual Integrations APPROVED

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



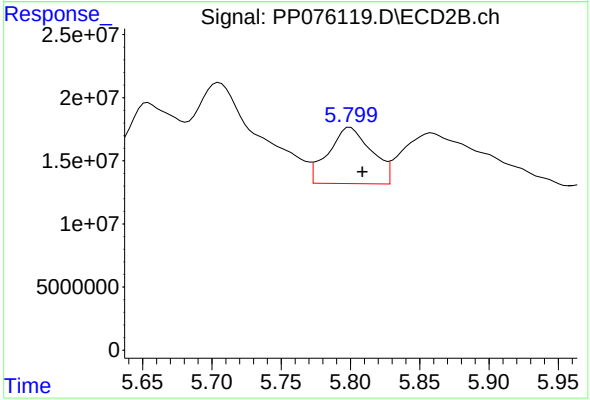
#26 AR-1254-1

R.T.: 5.654 min
Delta R.T.: -0.007 min
Response: 179027011
Conc: 317.42 ng/ml



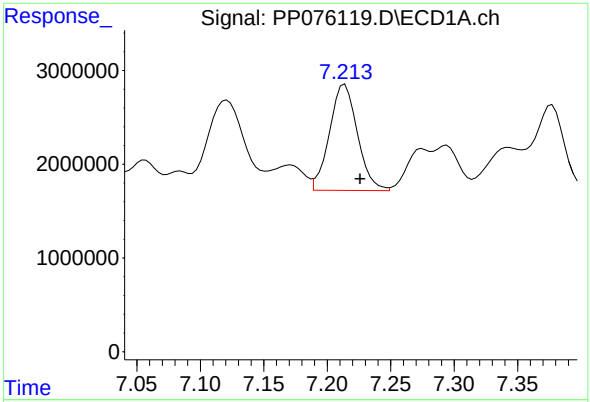
#27 AR-1254-2

R.T.: 6.852 min
Delta R.T.: -0.011 min
Response: 22114360
Conc: 221.18 ng/ml



#27 AR-1254-2

R.T.: 5.800 min
Delta R.T.: -0.009 min
Response: 96546620
Conc: 182.14 ng/ml



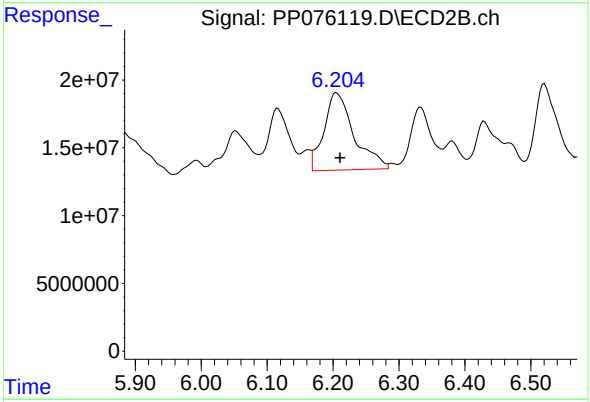
#28 AR-1254-3

R.T.: 7.214 min
Delta R.T.: -0.012 min
Response: 17375059
Conc: 167.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

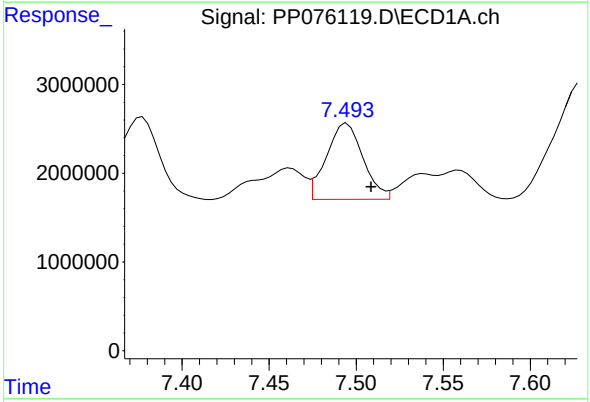
Manual Integrations APPROVED

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



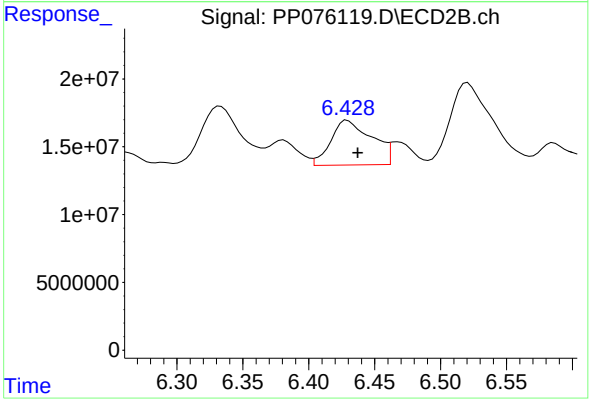
#28 AR-1254-3

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 181248405
Conc: 212.96 ng/ml



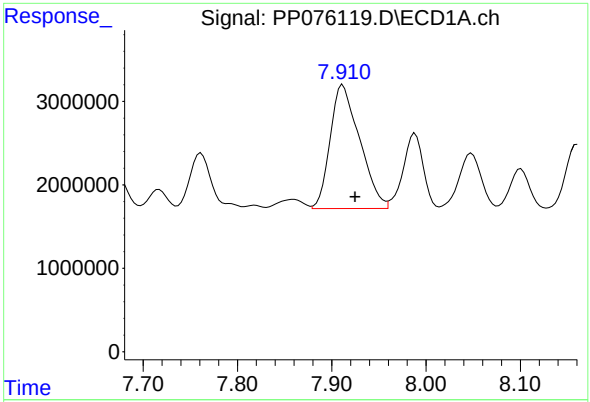
#29 AR-1254-4

R.T.: 7.495 min
Delta R.T.: -0.014 min
Response: 12536756
Conc: 149.94 ng/ml



#29 AR-1254-4

R.T.: 6.429 min
Delta R.T.: -0.008 min
Response: 71198522
Conc: 113.05 ng/ml



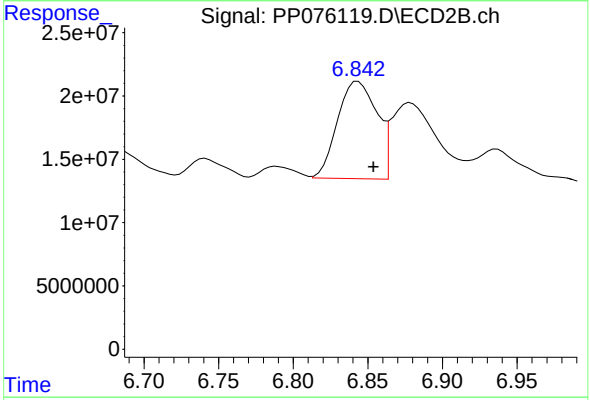
#30 AR-1254-5

R.T.: 7.912 min
Delta R.T.: -0.013 min
Response: 32236978
Conc: 352.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

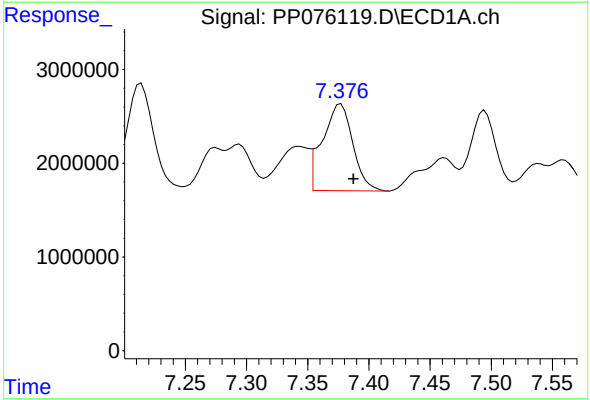
Manual Integrations APPROVED

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



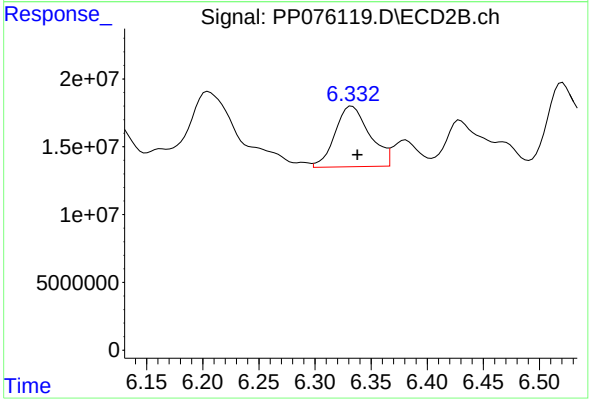
#30 AR-1254-5

R.T.: 6.843 min
Delta R.T.: -0.010 min
Response: 140983661
Conc: 195.84 ng/ml



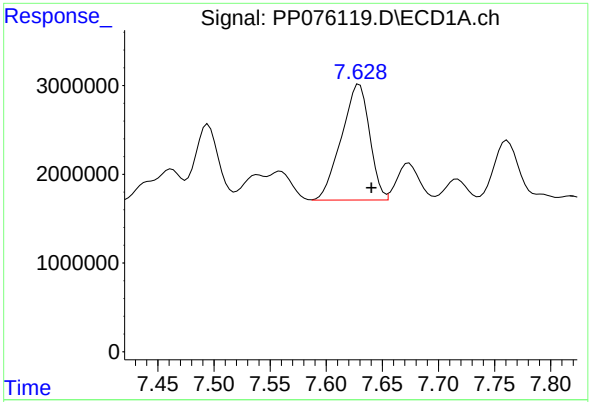
#31 AR-1260-1

R.T.: 7.377 min
Delta R.T.: -0.010 min
Response: 16040802
Conc: 233.30 ng/ml



#31 AR-1260-1

R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 96058952
Conc: 175.39 ng/ml



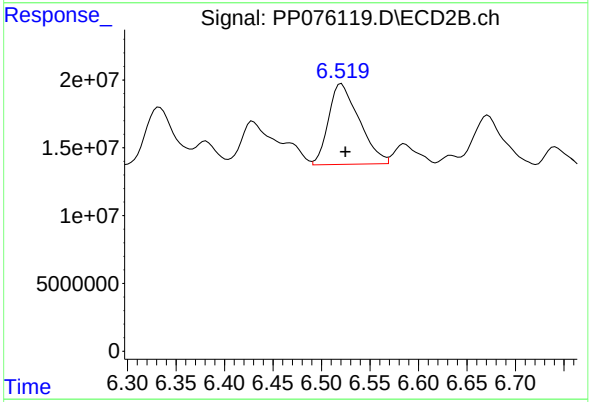
#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: -0.011 min
Response: 22776890
Conc: 254.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

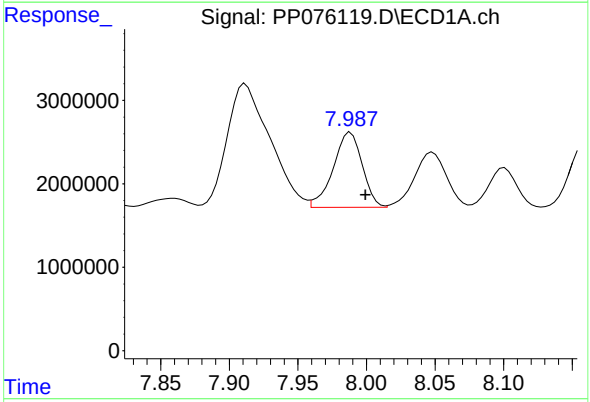
Manual Integrations APPROVED

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



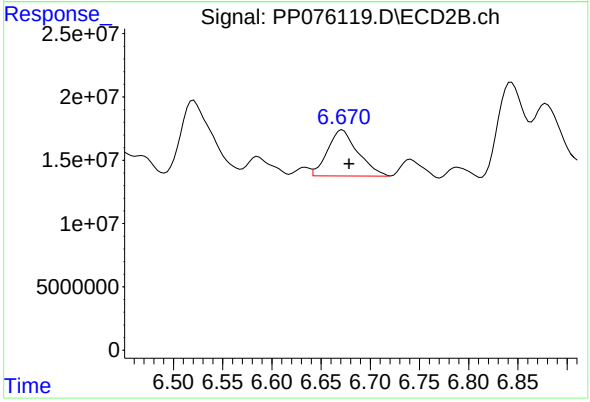
#32 AR-1260-2

R.T.: 6.521 min
Delta R.T.: -0.004 min
Response: 130938125
Conc: 160.91 ng/ml



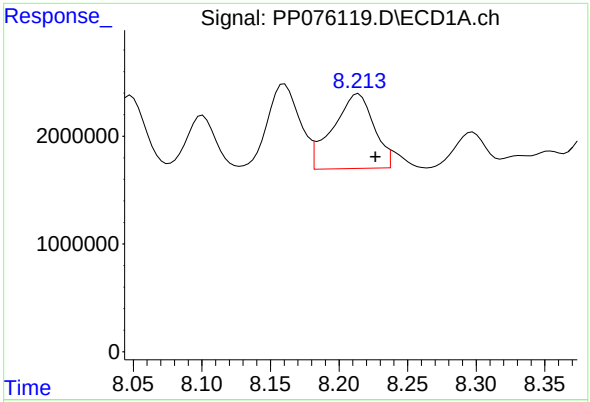
#33 AR-1260-3

R.T.: 7.988 min
Delta R.T.: -0.011 min
Response: 13249753
Conc: 191.23 ng/ml



#33 AR-1260-3

R.T.: 6.670 min
Delta R.T.: -0.008 min
Response: 77733323
Conc: 138.13 ng/ml m



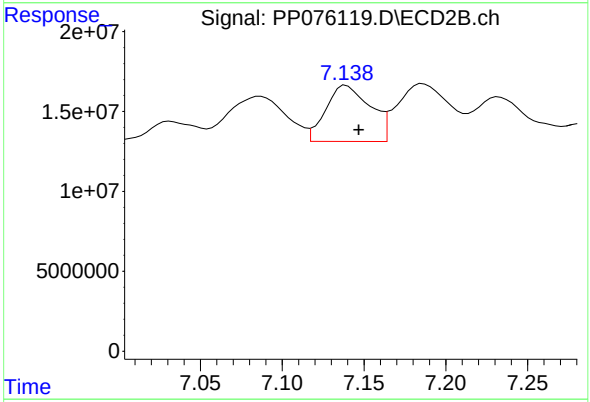
#34 AR-1260-4

R.T.: 8.213 min
Delta R.T.: -0.014 min
Response: 14582456
Conc: 212.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW2-251023-01RE

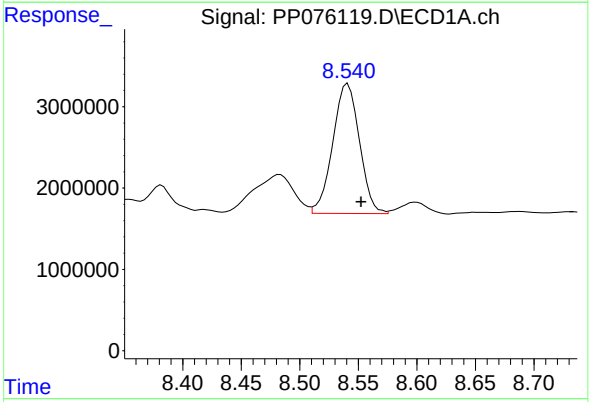
Manual Integrations APPROVED

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



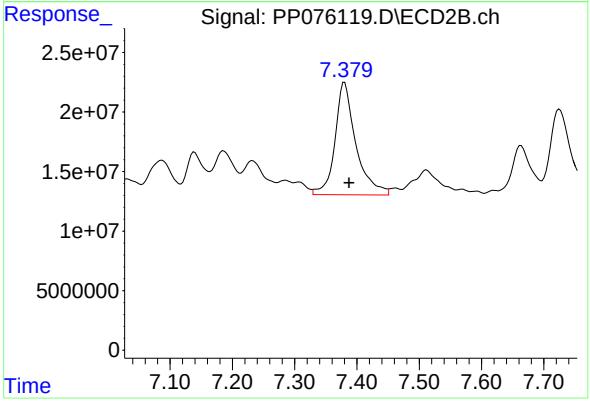
#34 AR-1260-4

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 66114533
Conc: 127.31 ng/ml



#35 AR-1260-5

R.T.: 8.541 min
Delta R.T.: -0.011 min
Response: 25342520
Conc: 171.29 ng/ml



#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 220276468
Conc: 162.50 ng/ml

Raw Data: **PP076087.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW3-251023-01	SDG No.:	Q3447
Lab Sample ID:	Q3447-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	97.8
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	40.3	U	10	40.3	173	ug/kg	10/27/25 16:34	PB170236
11104-28-2	Aroclor-1221	41.1	U	10	41.1	173	ug/kg	10/27/25 16:34	PB170236
11141-16-5	Aroclor-1232	37.9	U	10	37.9	173	ug/kg	10/27/25 16:34	PB170236
53469-21-9	Aroclor-1242	40.9	U	10	40.9	173	ug/kg	10/27/25 16:34	PB170236
12672-29-6	Aroclor-1248	60.4	U	10	60.4	173	ug/kg	10/27/25 16:34	PB170236
11097-69-1	Aroclor-1254	32.7	U	10	32.7	173	ug/kg	10/27/25 16:34	PB170236
37324-23-5	Aroclor-1262	51.2	U	10	51.2	173	ug/kg	10/27/25 16:34	PB170236
11100-14-4	Aroclor-1268	36.7	U	10	36.7	173	ug/kg	10/27/25 16:34	PB170236
11096-82-5	Aroclor-1260	32.9	U	10	32.9	173	ug/kg	10/27/25 16:34	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	33.3	*		32 - 144	167%	SPK: 20		
2051-24-3	Decachlorobiphenyl	30.0			32 - 175	150%	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: **PP076087.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:34
Operator : YP\AJ
Sample : Q3447-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-TW3-251023-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.638	3.785	3895237	22069004	2.726m	3.335m
2)	SA Decachlor...	10.406	8.778	3234648	21846718	3.005m	2.657
	Target Compounds						

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

Sample Results: **PP076087.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076087.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 16:34
Operator : YP\AJ
Sample : Q3447-05 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

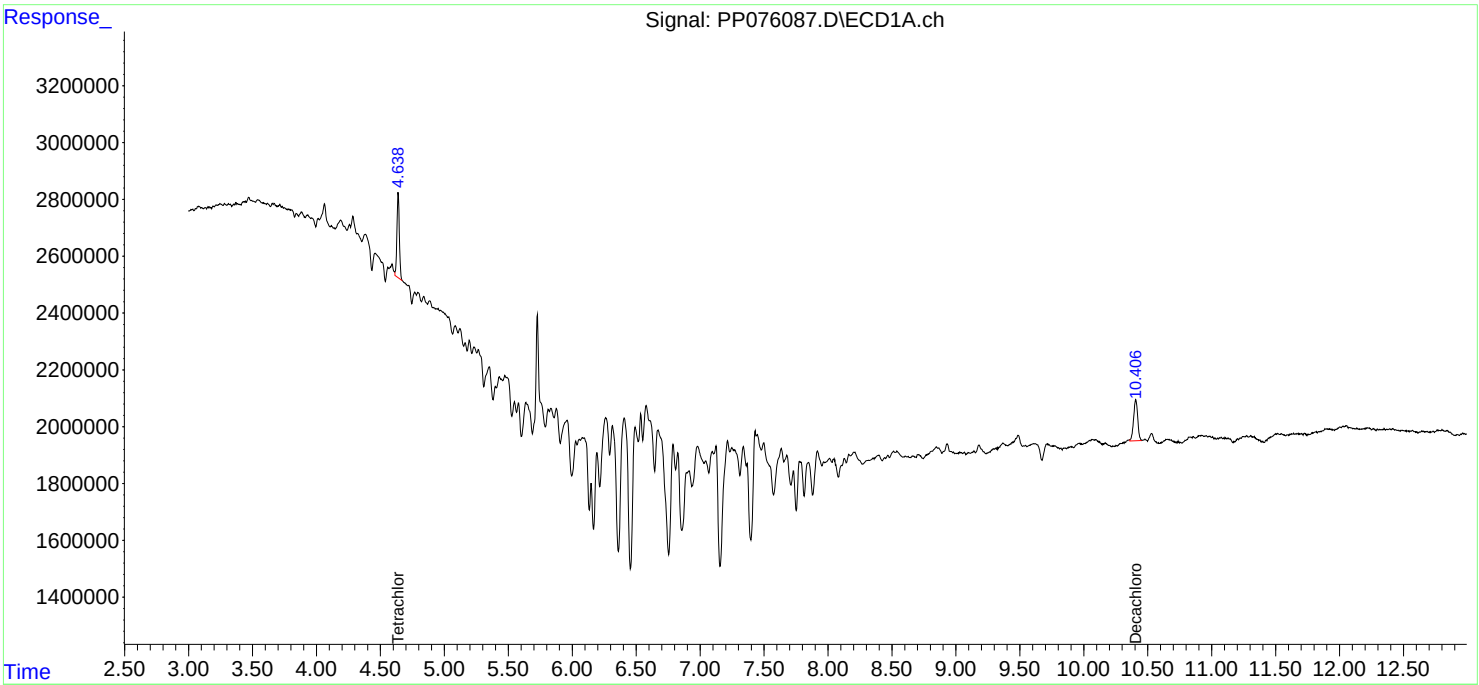
Instrument :
ECD_P
ClientSampleId :
P001-TW3-251023-01

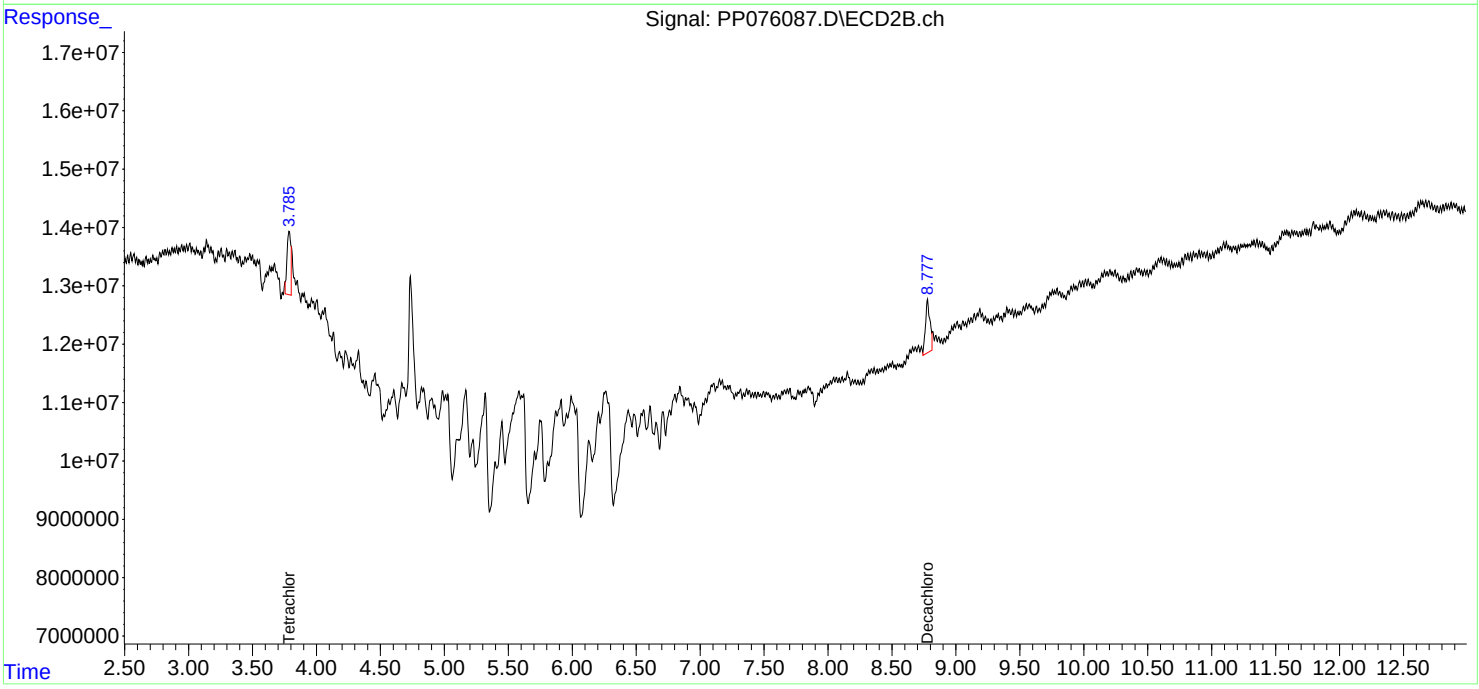
Manual Integrations APPROVED

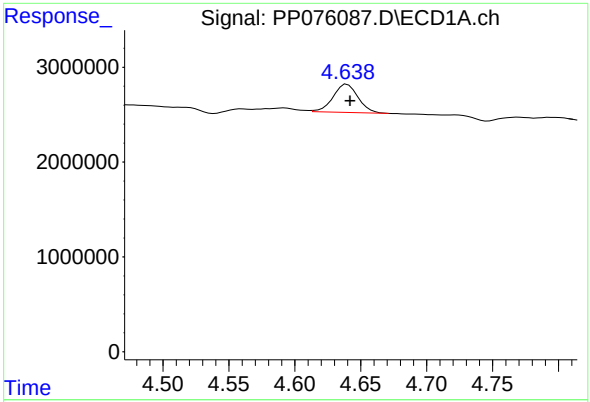
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:04:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







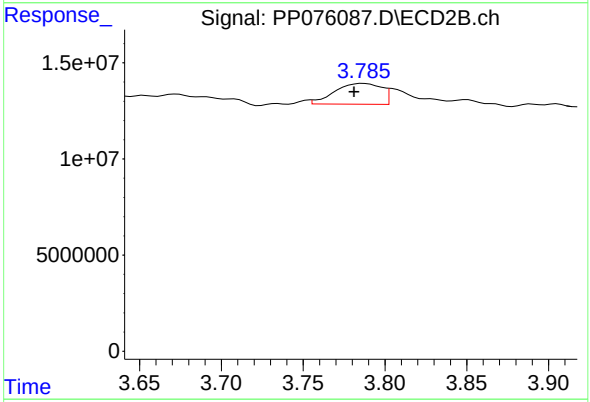
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 3895237
Conc: 2.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW3-251023-01

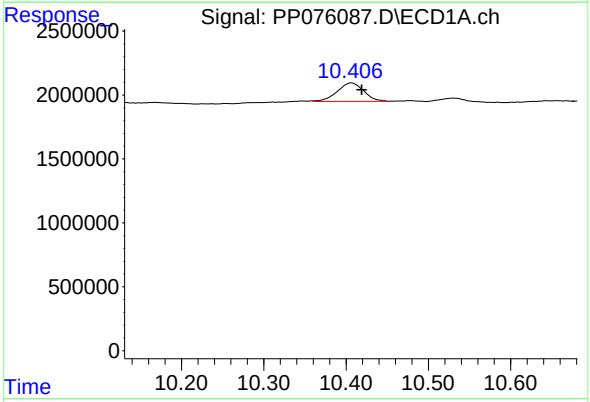
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



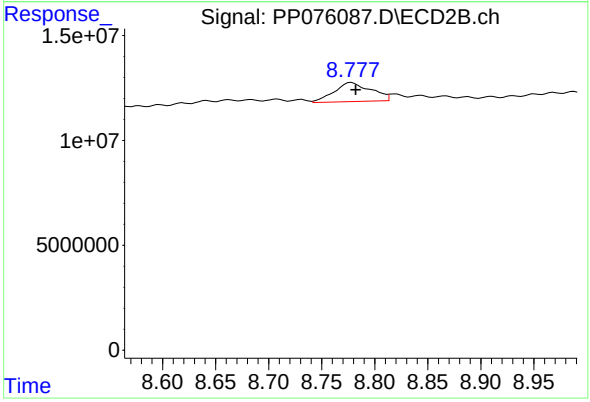
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.004 min
Response: 22069004
Conc: 3.33 ng/ml m



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 3234648
Conc: 3.00 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.778 min
Delta R.T.: -0.004 min
Response: 21846718
Conc: 2.66 ng/ml

Raw Data: **PP076076.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW4-251023-01	SDG No.:	Q3447
Lab Sample ID:	Q3447-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	10.05 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	118	U	10	118	507	ug/kg	10/27/25 12:47	PB170236
11104-28-2	Aroclor-1221	120	U	10	120	507	ug/kg	10/27/25 12:47	PB170236
11141-16-5	Aroclor-1232	111	U	10	111	507	ug/kg	10/27/25 12:47	PB170236
53469-21-9	Aroclor-1242	120	U	10	120	507	ug/kg	10/27/25 12:47	PB170236
12672-29-6	Aroclor-1248	177	U	10	177	507	ug/kg	10/27/25 12:47	PB170236
11097-69-1	Aroclor-1254	95.8	U	10	95.8	507	ug/kg	10/27/25 12:47	PB170236
37324-23-5	Aroclor-1262	150	U	10	150	507	ug/kg	10/27/25 12:47	PB170236
11100-14-4	Aroclor-1268	107	U	10	107	507	ug/kg	10/27/25 12:47	PB170236
11096-82-5	Aroclor-1260	96.4	U	10	96.4	507	ug/kg	10/27/25 12:47	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	92.7	*		32 - 144	463%	SPK: 20		
2051-24-3	Decachlorobiphenyl	34.2			32 - 175	171%	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

Quantitation Report (QT Reviewed)

Sample Results: **PP076076.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:47
Operator : YP\AJ
Sample : Q3447-07 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
P001-TW4-251023-01

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.637	3.804	1570376	61343847	1.099m	9.269 #
2)	SA Decachlor...	10.408	8.772	3681997	5895607	3.420m	0.717m#
	Target Compounds						

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

Sample Results: **PP076076.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076076.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:47
Operator : YP\AJ
Sample : Q3447-07 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

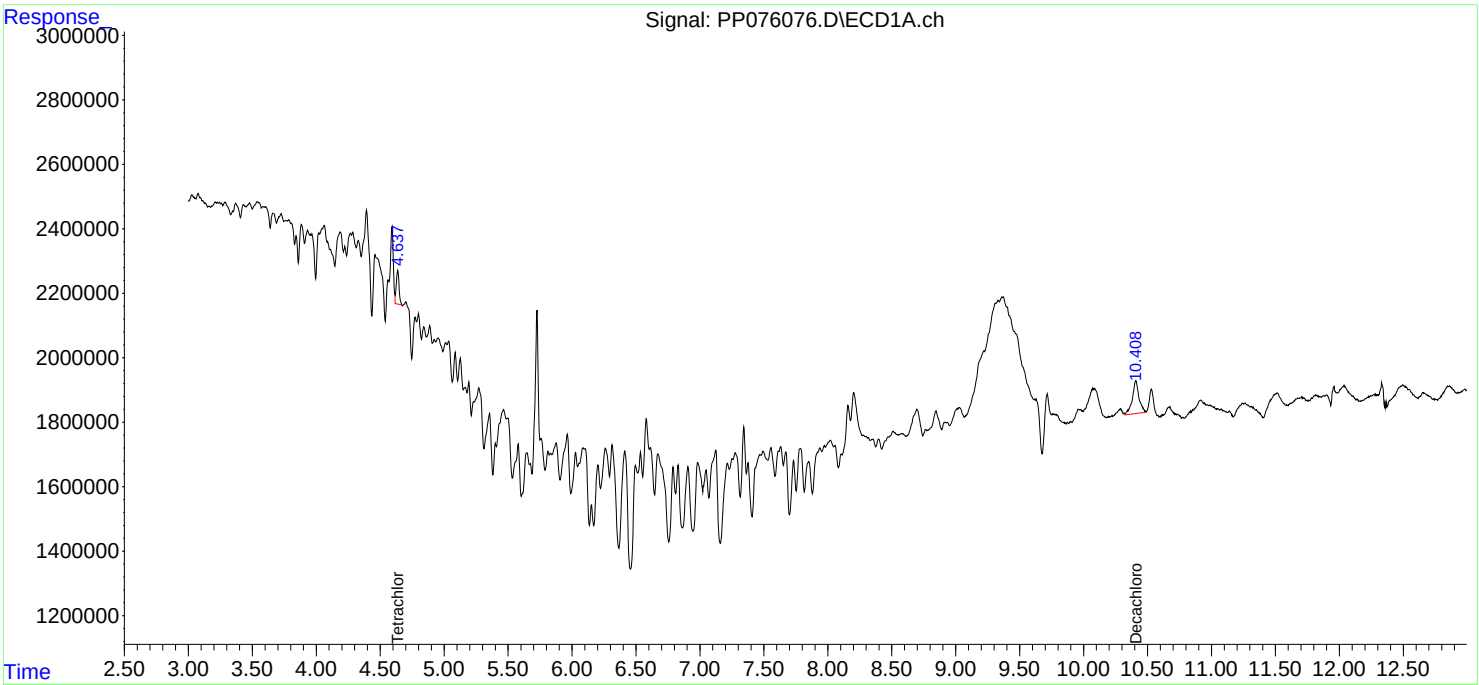
Instrument :
ECD_P
ClientSampleId :
P001-TW4-251023-01

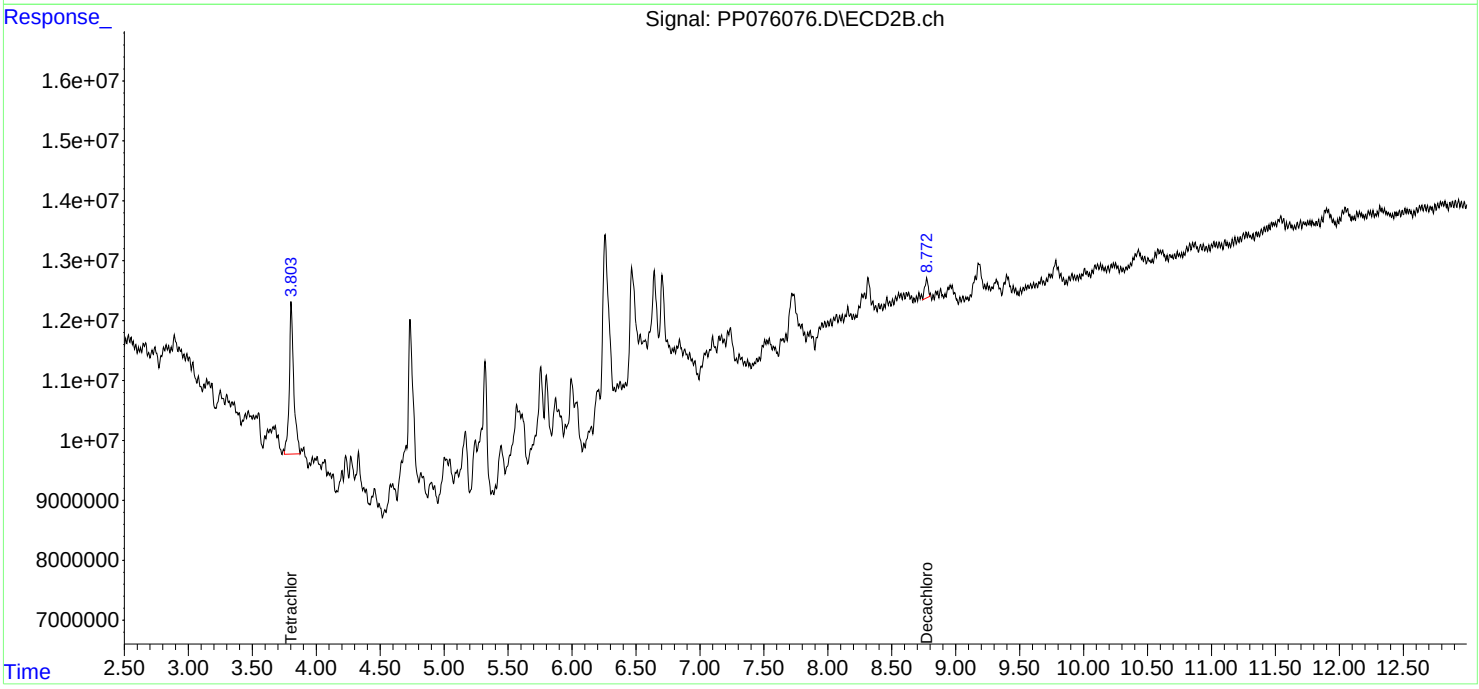
Manual Integrations APPROVED

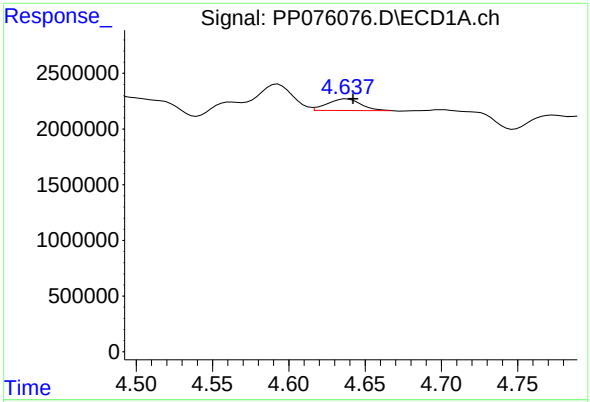
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







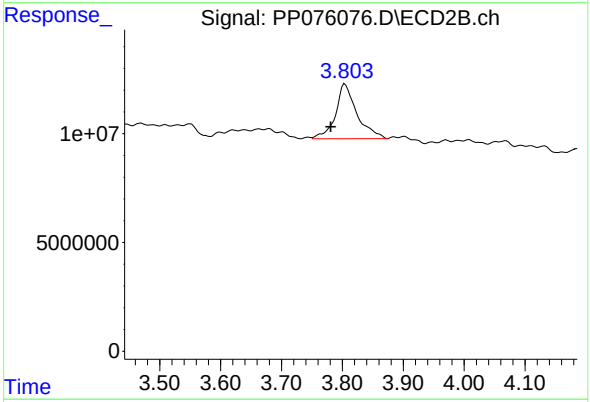
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 1570376
Conc: 1.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
P001-TW4-251023-01

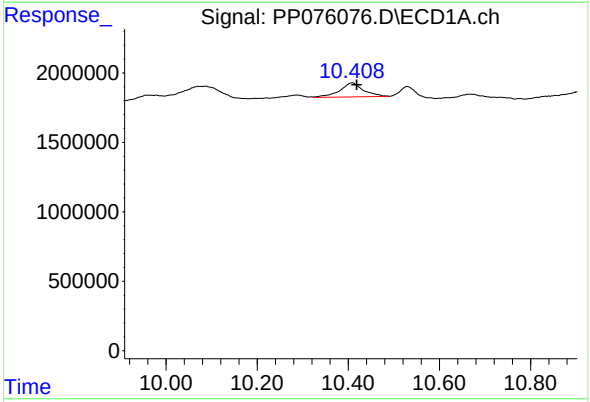
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



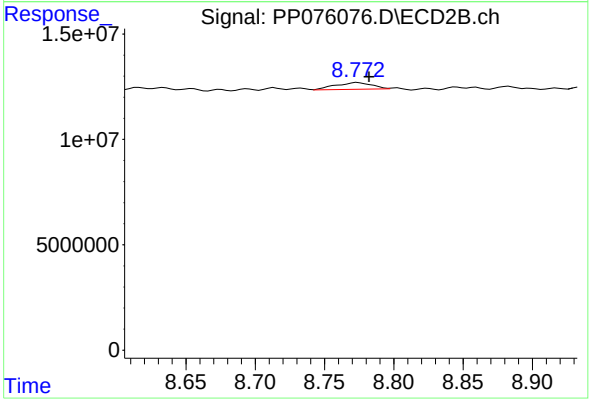
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.023 min
Response: 61343847
Conc: 9.27 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: -0.011 min
Response: 3681997
Conc: 3.42 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.010 min
Response: 5895607
Conc: 0.72 ng/ml m

CALIBRATION SUMMARY

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

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

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1016-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1016-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1016-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1016-5	(5)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1260-1	(1)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Aroclor-1260-2	(2)	7.64	7.64	7.64	7.64	7.64	7.64	7.54	7.74
Aroclor-1260-3	(3)	8.00	8.00	8.00	8.00	8.00	8.00	7.90	8.10
Aroclor-1260-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1260-5	(5)	8.56	8.55	8.55	8.55	8.56	8.55	8.45	8.65
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.64	4.65	4.65	4.64	4.54	4.74
Aroclor-1242-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1242-2	(2)	5.82	5.82	5.82	5.82	5.82	5.82	5.72	5.92
Aroclor-1242-3	(3)	5.88	5.88	5.88	5.88	5.88	5.88	5.78	5.98
Aroclor-1242-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1242-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1248-1	(1)	5.80	5.80	5.80	5.80	5.80	5.80	5.70	5.90
Aroclor-1248-2	(2)	6.07	6.07	6.07	6.07	6.07	6.07	5.97	6.17
Aroclor-1248-3	(3)	6.27	6.27	6.27	6.27	6.27	6.27	6.17	6.37
Aroclor-1248-4	(4)	6.67	6.67	6.67	6.67	6.67	6.67	6.57	6.77
Aroclor-1248-5	(5)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Decachlorobiphenyl		10.43	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1254-1	(1)	6.65	6.65	6.65	6.65	6.64	6.65	6.55	6.75
Aroclor-1254-2	(2)	6.86	6.86	6.87	6.86	6.86	6.86	6.76	6.96
Aroclor-1254-3	(3)	7.23	7.23	7.23	7.23	7.22	7.23	7.13	7.33
Aroclor-1254-4	(4)	7.51	7.51	7.51	7.51	7.50	7.51	7.41	7.61
Aroclor-1254-5	(5)	7.93	7.92	7.93	7.93	7.92	7.92	7.82	8.02
Decachlorobiphenyl		10.42	10.42	10.42	10.42	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene		4.65	4.64	4.65	4.65	4.64	4.65	4.55	4.75
Aroclor-1268-1	(1)	8.88	8.88	8.88	8.88	8.88	8.88	8.78	8.98
Aroclor-1268-2	(2)	8.97	8.97	8.97	8.98	8.97	8.97	8.87	9.07
Aroclor-1268-3	(3)	9.21	9.21	9.21	9.21	9.21	9.21	9.11	9.31
Aroclor-1268-4	(4)	9.64	9.64	9.64	9.64	9.64	9.64	9.54	9.74
Aroclor-1268-5	(5)	10.07	10.07	10.07	10.07	10.07	10.07	9.97	10.17

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	10.42	10.42	10.42	10.43	10.42	10.42	10.32	10.52
Tetrachloro-m-xylene	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_P **Calibration Date(s):** 10/21/2025 10/21/2025

Calibration Times: 09:06 17:01

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

LAB FILE ID: RT 1000 = PP075888.D RT 750 = PP075889.D

RT 500 = PP075890.D RT 250 = PP075891.D RT 050 = PP075892.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1016-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1016-3	(3)	5.06	5.06	5.05	5.06	5.05	5.06	4.96	5.16
Aroclor-1016-4	(4)	5.10	5.10	5.10	5.10	5.09	5.10	5.00	5.20
Aroclor-1016-5	(5)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1260-1	(1)	6.34	6.34	6.34	6.34	6.34	6.34	6.24	6.44
Aroclor-1260-2	(2)	6.53	6.53	6.53	6.53	6.53	6.53	6.43	6.63
Aroclor-1260-3	(3)	6.68	6.68	6.68	6.68	6.68	6.68	6.58	6.78
Aroclor-1260-4	(4)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Aroclor-1260-5	(5)	7.39	7.39	7.39	7.39	7.39	7.39	7.29	7.49
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-1	(1)	4.88	4.88	4.88	4.88	4.88	4.88	4.78	4.98
Aroclor-1242-2	(2)	4.94	4.94	4.94	4.94	4.94	4.94	4.84	5.04
Aroclor-1242-3	(3)	5.06	5.06	5.06	5.06	5.05	5.06	4.96	5.16
Aroclor-1242-4	(4)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1242-5	(5)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-1	(1)	4.88	4.88	4.88	4.88	4.87	4.88	4.78	4.98
Aroclor-1248-2	(2)	5.10	5.10	5.10	5.10	5.10	5.10	5.00	5.20
Aroclor-1248-3	(3)	5.14	5.14	5.14	5.14	5.14	5.14	5.04	5.24
Aroclor-1248-4	(4)	5.31	5.31	5.31	5.31	5.31	5.31	5.21	5.41
Aroclor-1248-5	(5)	5.70	5.70	5.70	5.70	5.73	5.71	5.61	5.81
Decachlorobiphenyl		8.78	8.78	8.78	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1254-1	(1)	5.66	5.66	5.66	5.66	5.66	5.66	5.56	5.76
Aroclor-1254-2	(2)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1254-3	(3)	6.21	6.21	6.21	6.21	6.21	6.21	6.11	6.31
Aroclor-1254-4	(4)	6.44	6.44	6.44	6.44	6.43	6.44	6.34	6.54
Aroclor-1254-5	(5)	6.85	6.85	6.85	6.85	6.85	6.85	6.75	6.95
Decachlorobiphenyl		8.78	8.78	8.79	8.78	8.78	8.78	8.68	8.88
Tetrachloro-m-xylene		3.78	3.78	3.79	3.78	3.78	3.78	3.68	3.88
Aroclor-1268-1	(1)	7.67	7.67	7.67	7.67	7.67	7.67	7.57	7.77
Aroclor-1268-2	(2)	7.74	7.74	7.74	7.74	7.74	7.74	7.64	7.84
Aroclor-1268-3	(3)	7.94	7.94	7.94	7.94	7.94	7.94	7.84	8.04
Aroclor-1268-4	(4)	8.23	8.23	8.23	8.23	8.23	8.23	8.13	8.33
Aroclor-1268-5	(5)	8.53	8.53	8.53	8.53	8.53	8.53	8.43	8.63

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

RETENTION TIMES OF INITIAL CALIBRATION

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

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3447
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

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

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	53893845	57848439	60228768	63056856	60602640	59126110	6
Aroclor-1016-2	(2)	81387326	86593457	91038396	94931280	88270120	88444116	6
Aroclor-1016-3	(3)	50025937	53493744	56764402	59544472	56926600	55351031	7
Aroclor-1016-4	(4)	41815325	44617539	46982858	48544784	45240520	45440205	6
Aroclor-1016-5	(5)	39075321	41377448	43150568	44782124	48642160	43405524	8
Aroclor-1260-1	(1)	64655691	67908073	70553690	74100180	66565440	68756615	5
Aroclor-1260-2	(2)	80744063	85234851	88594752	93987136	99325680	89577296	8
Aroclor-1260-3	(3)	64964687	67552583	69003280	72715708	72196540	69286560	5
Aroclor-1260-4	(4)	65448766	70711301	72542976	74553116	59600740	68571380	9
Aroclor-1260-5	(5)	139384380	146230631	152452738	155039368	146650940	147951611	4
Decachlorobiphenyl		1012132950	1071302787	1124785220	1137889120	1036523400	1076526695	5
Tetrachloro-m-xylene		1370219590	1453116893	1490571040	1483020960	1348537200	1429093137	5
Aroclor-1242-1	(1)	44019933	46315467	47674416	50255084	51268840	47906748	6
Aroclor-1242-2	(2)	64942800	67715737	70979556	73767248	76553360	70791740	7
Aroclor-1242-3	(3)	40140584	42044764	44589646	47135032	54298900	45641785	12
Aroclor-1242-4	(4)	33543618	35162207	36420600	36967860	39702420	36359341	6
Aroclor-1242-5	(5)	36405140	38662289	41888622	39296052	48467620	40943945	11
Decachlorobiphenyl		1136280900	1209279307	1231278960	1289202560	1357807000	1244769745	7
Tetrachloro-m-xylene		1466601570	1512648573	1545825660	1595207720	1573043800	1538665465	3
Aroclor-1248-1	(1)	33471805	35785521	36963520	39121904	34010240	35870598	6
Aroclor-1248-2	(2)	44816839	47584043	49402910	52441868	49476340	48744400	6
Aroclor-1248-3	(3)	49477903	52446567	61105936	57335280	50958020	54264741	9
Aroclor-1248-4	(4)	60435029	64167197	67505182	72174088	67539280	66364155	7
Aroclor-1248-5	(5)	58134534	61713151	65347636	71297512	67810300	64860627	8
Decachlorobiphenyl		1140637530	1190681093	1243623480	1306886720	1250686400	1226503045	5
Tetrachloro-m-xylene		1468701040	1529744213	1558324940	1626496320	1450854600	1526824223	5
Aroclor-1254-1	(1)	66261960	71898345	78270020	82464920	100572060	79893461	16
Aroclor-1254-2	(2)	87851253	92570580	96669370	102809560	120020480	99984249	12
Aroclor-1254-3	(3)	92035771	96900691	99787992	105988040	125061300	103954759	12
Aroclor-1254-4	(4)	73136868	76689867	79390286	83967352	104884540	83613783	15
Aroclor-1254-5	(5)	85440842	89720104	92252192	95013656	95427040	91570767	5
Decachlorobiphenyl		1194970230	1245235800	1296058720	1332579960	1514859800	1316740902	9
Tetrachloro-m-xylene		1499217980	1559170693	1583264260	1614158480	1720822800	1595326843	5
Aroclor-1268-1	(1)	186733090	195066952	205606148	210022232	235253460	206536376	9

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3447
Calibration Date(s): 10/21/2025 10/21/2025
Calibration Times: 09:06 17:01

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

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

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

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

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

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

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_P **Date(s) Analyzed:** 10/21/2025 10/21/2025

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

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

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	137.0E6	668.7E6	95.793	99.127
2)	SA Decachlor...	10.422	8.784	101.2E6	797.1E6	94.728	97.280
	Target Compounds						
3)	L1 AR-1016-1	5.799	4.880	53893845	708.6E6	944.490	971.503
4)	L1 AR-1016-2	5.820	4.938	81387326	344.7E6	944.028	993.737
5)	L1 AR-1016-3	5.883	5.058	50025937	184.8E6	936.900	956.181
6)	L1 AR-1016-4	5.980	5.099	41815325	185.4E6	941.806	979.658
7)	L1 AR-1016-5	6.272	5.313	39075321	202.1E6	950.438	954.703
31)	L7 AR-1260-1	7.391	6.341	64655691	519.1E6	956.379	969.730
32)	L7 AR-1260-2	7.643	6.527	80744063	816.9E6	953.639	988.405
33)	L7 AR-1260-3	8.001	6.681	64964687	571.2E6	969.854	972.855
34)	L7 AR-1260-4	8.229	7.150	65448766	562.5E6	948.590	1005.572
35)	L7 AR-1260-5	8.555	7.390	139.4E6	1443.3E6	955.220	998.316

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

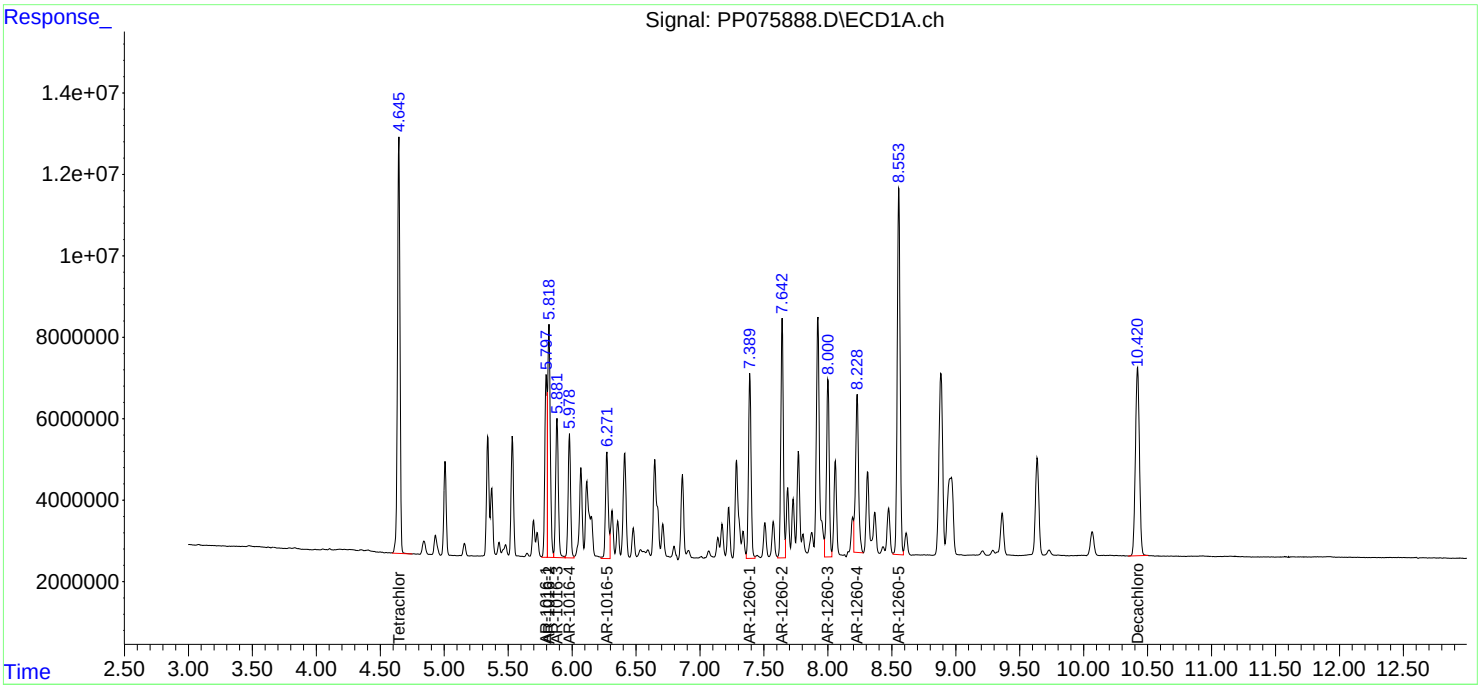
ICAL Form

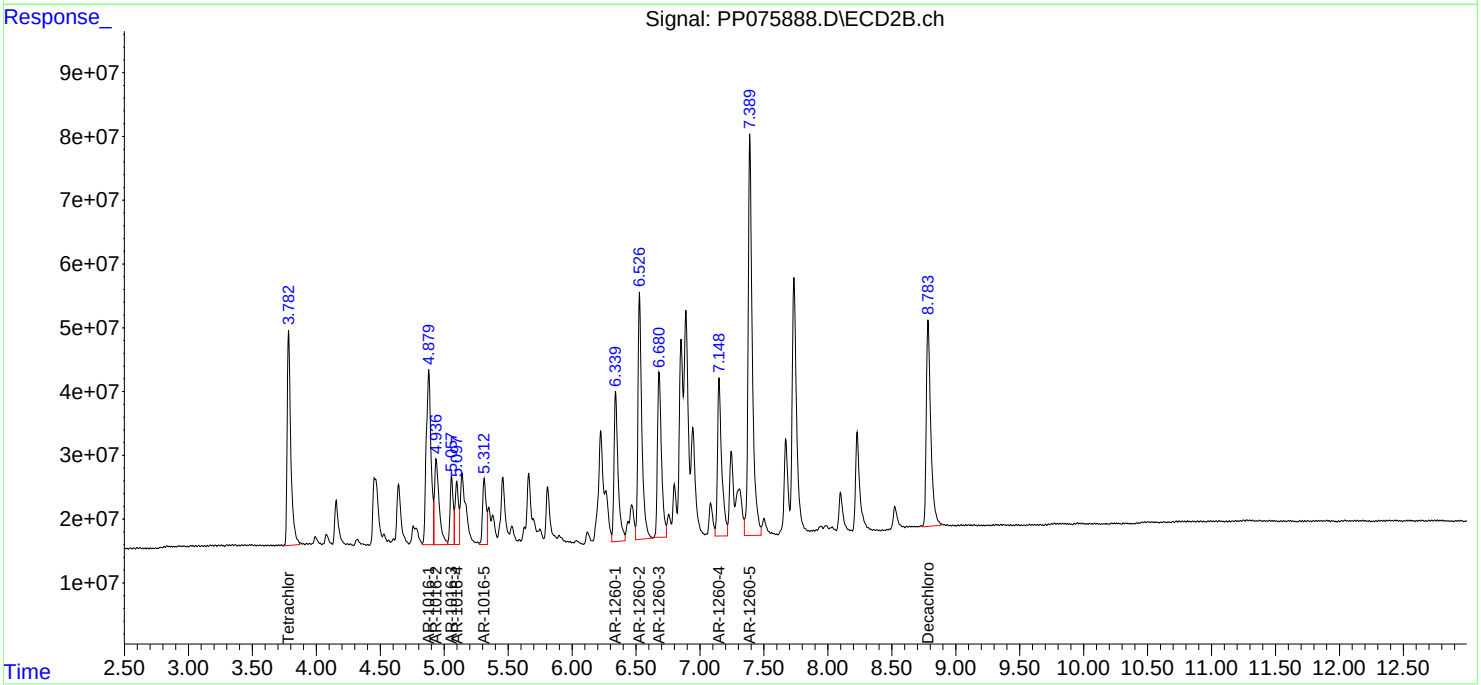
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075888.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:06
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

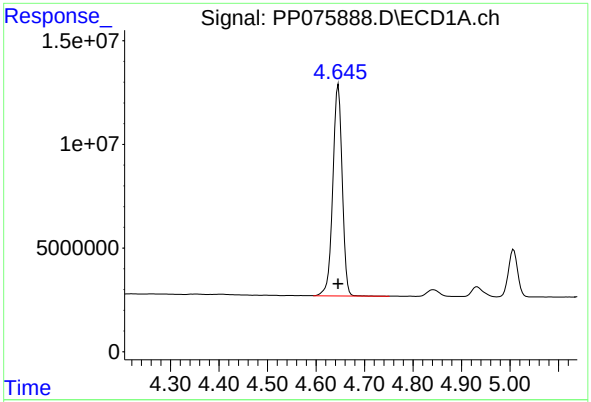
Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:20:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



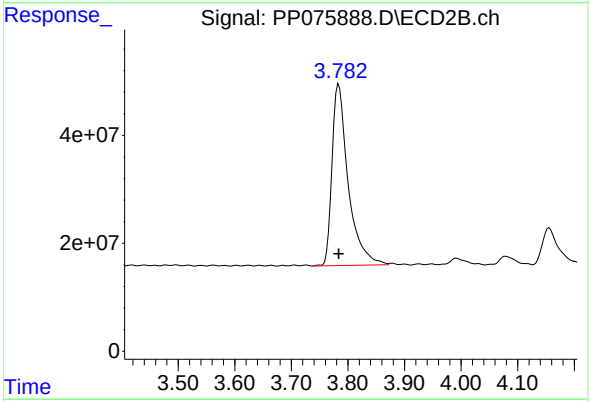




#1 Tetrachloro-m-xylene

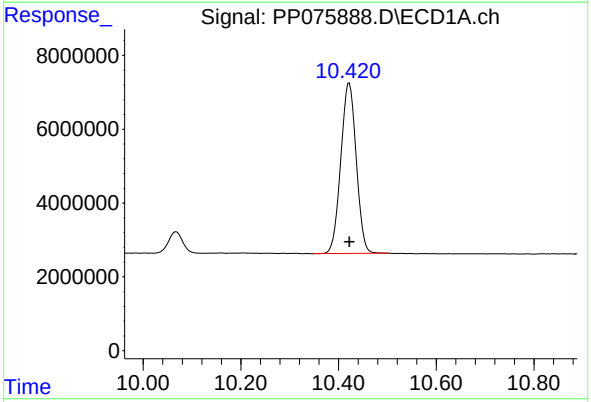
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 137021959
Conc: 95.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



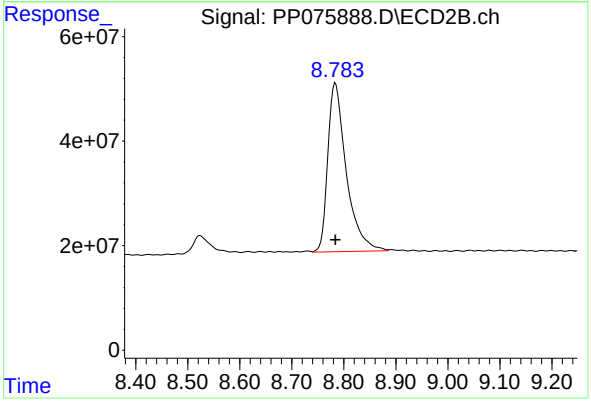
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 668714543
Conc: 99.13 ng/ml



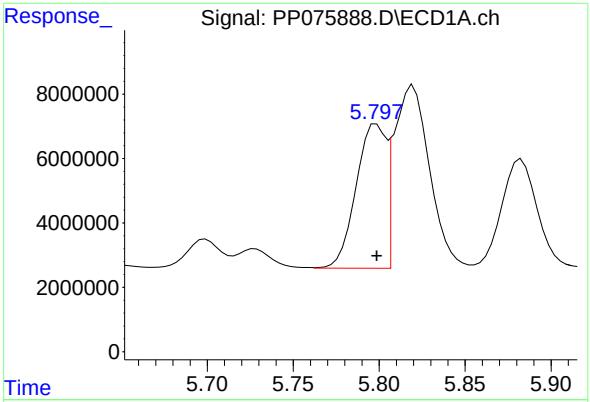
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 101213295
Conc: 94.73 ng/ml



#2 Decachlorobiphenyl

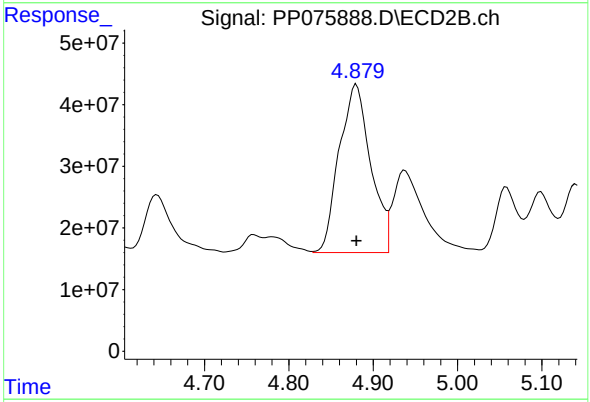
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 797069709
Conc: 97.28 ng/ml



#3 AR-1016-1

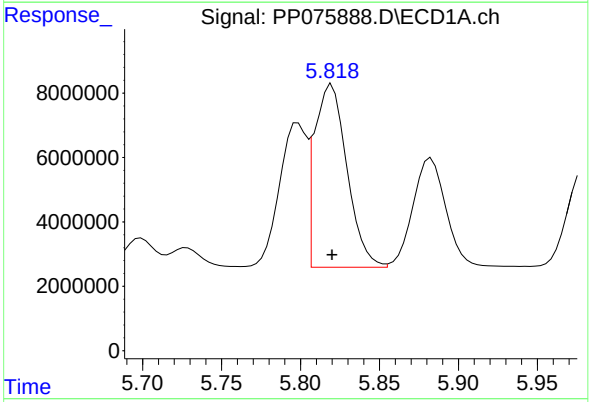
R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 53893845
Conc: 944.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



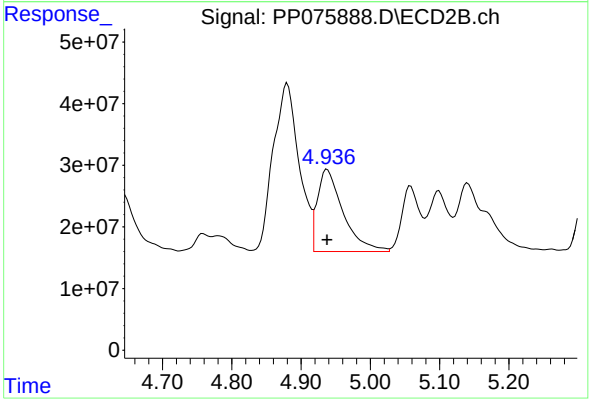
#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 708597432
Conc: 971.50 ng/ml



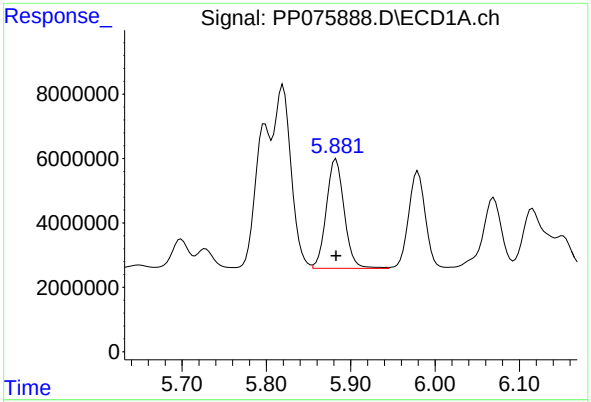
#4 AR-1016-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 81387326
Conc: 944.03 ng/ml



#4 AR-1016-2

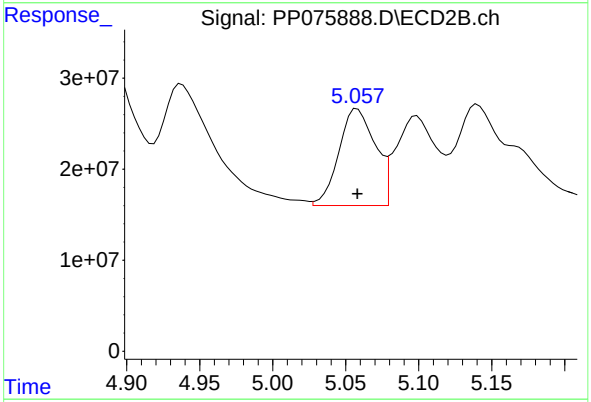
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 344688013
Conc: 993.74 ng/ml



#5 AR-1016-3

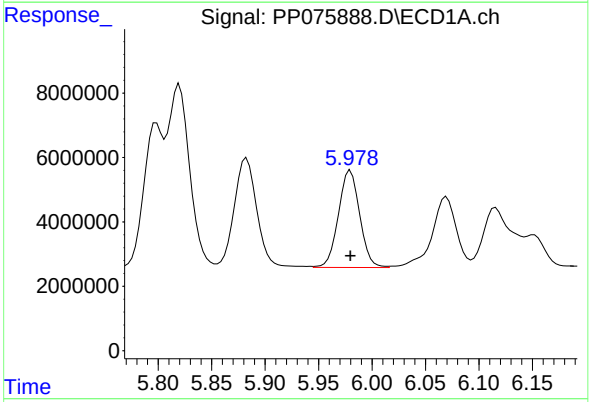
R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 50025937
Conc: 936.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



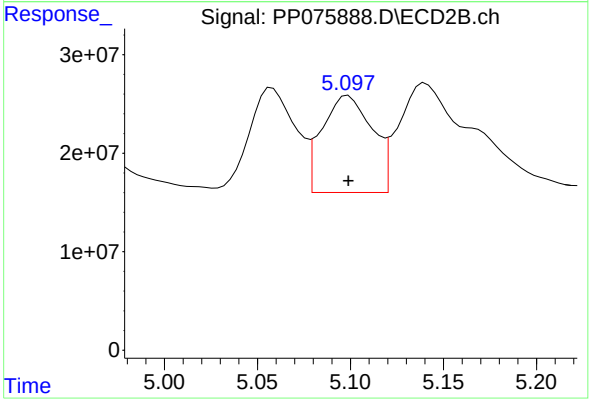
#5 AR-1016-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 184756021
Conc: 956.18 ng/ml



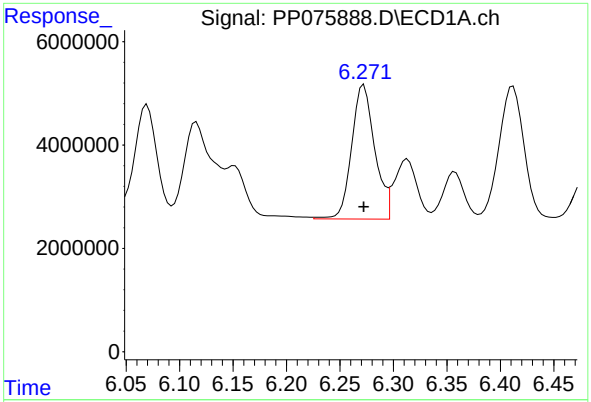
#6 AR-1016-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 41815325
Conc: 941.81 ng/ml



#6 AR-1016-4

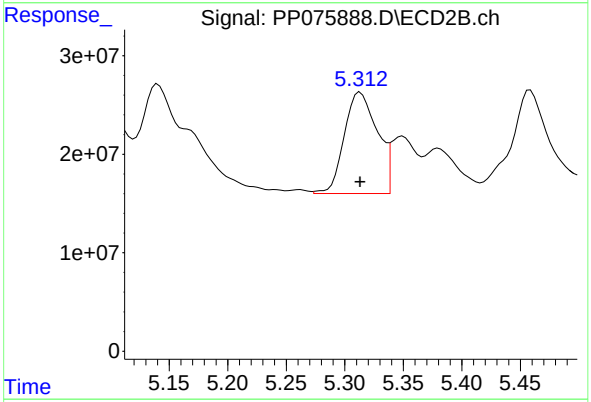
R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 185429480
Conc: 979.66 ng/ml



#7 AR-1016-5

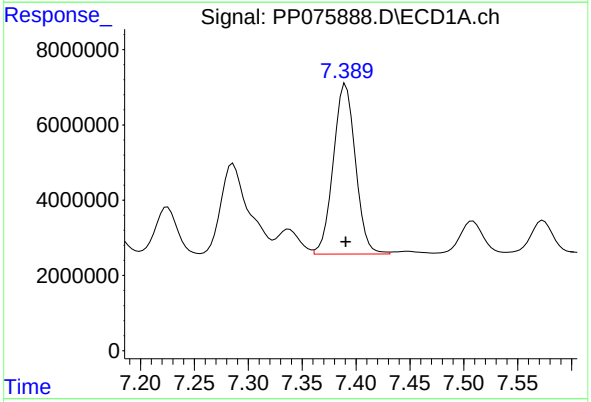
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 39075321
Conc: 950.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



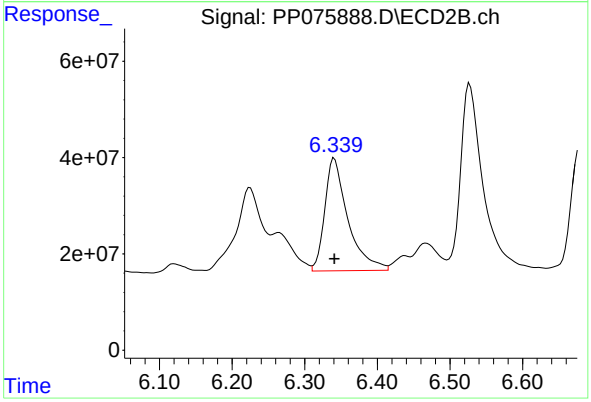
#7 AR-1016-5

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 202087874
Conc: 954.70 ng/ml



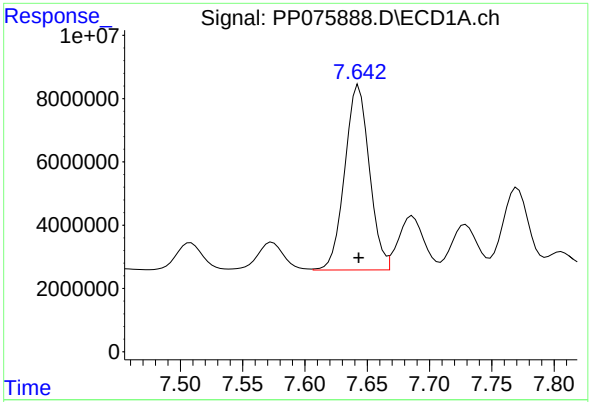
#31 AR-1260-1

R.T.: 7.391 min
Delta R.T.: 0.000 min
Response: 64655691
Conc: 956.38 ng/ml



#31 AR-1260-1

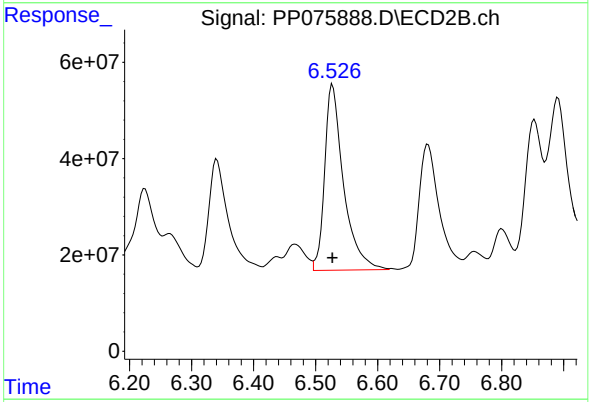
R.T.: 6.341 min
Delta R.T.: 0.000 min
Response: 519115007
Conc: 969.73 ng/ml



#32 AR-1260-2

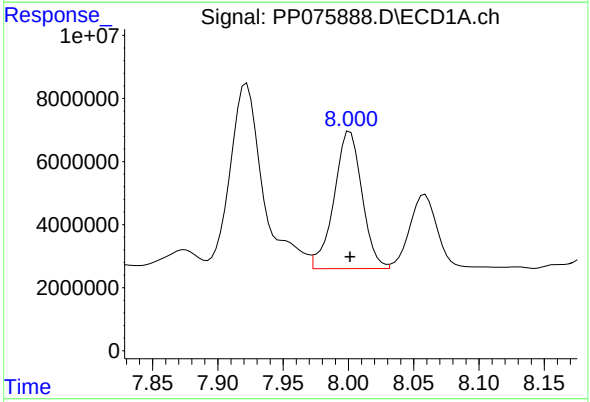
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 80744063
Conc: 953.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



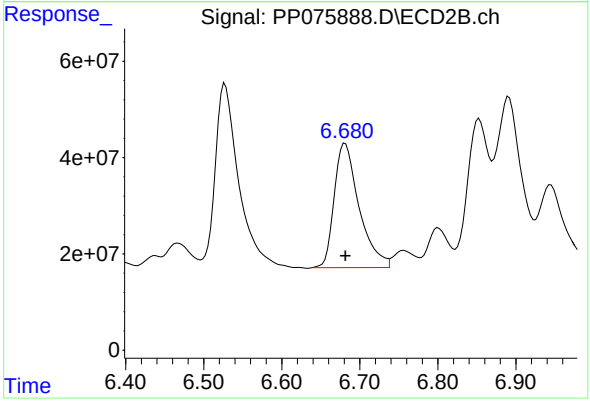
#32 AR-1260-2

R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 816933203
Conc: 988.41 ng/ml



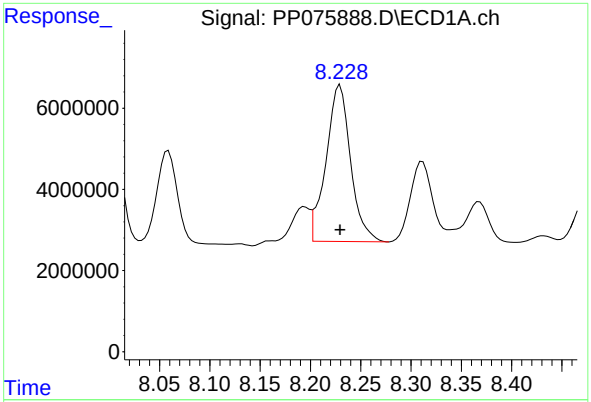
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 64964687
Conc: 969.85 ng/ml



#33 AR-1260-3

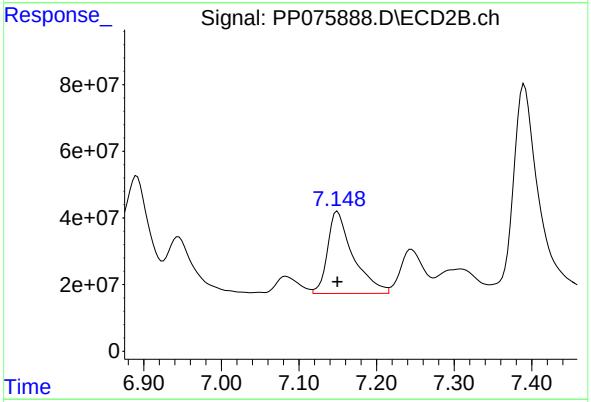
R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 571186815
Conc: 972.85 ng/ml



#34 AR-1260-4

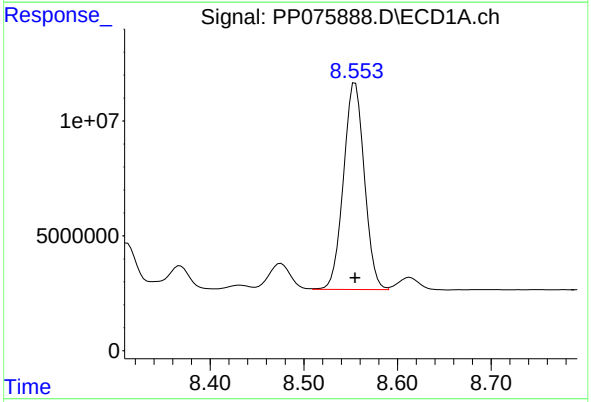
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 65448766
Conc: 948.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



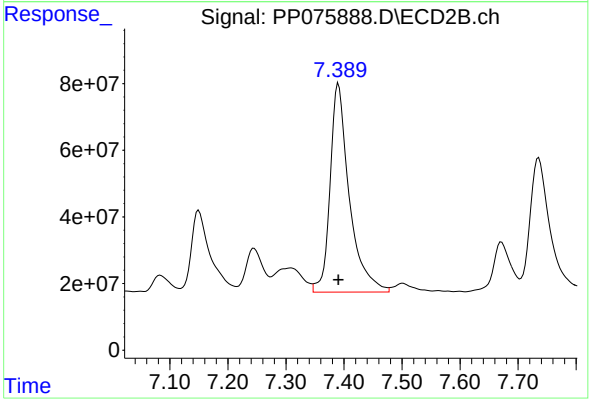
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 562542796
Conc: 1005.57 ng/ml



#35 AR-1260-5

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 139384380
Conc: 955.22 ng/ml



#35 AR-1260-5

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 1443277342
Conc: 998.32 ng/ml

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.642	3.781	109.0E6	526.4E6	75.790	76.994
2)	SA Decachlor...	10.419	8.782	80347709	633.6E6	75.133	76.538
	Target Compounds						
3)	L1 AR-1016-1	5.795	4.877	43386329	566.3E6	756.866	767.445
4)	L1 AR-1016-2	5.817	4.935	64945093	271.7E6	752.204	771.869
5)	L1 AR-1016-3	5.879	5.055	40120308	149.1E6	750.922	764.309
6)	L1 AR-1016-4	5.977	5.096	33463154	146.7E6	752.456	766.543
7)	L1 AR-1016-5	6.270	5.309	31033086	167.4E6	753.210	776.704
31)	L7 AR-1260-1	7.387	6.338	50931055	410.4E6	752.240	760.963
32)	L7 AR-1260-2	7.640	6.525	63926138	635.3E6	753.332	762.324
33)	L7 AR-1260-3	7.999	6.678	50664437	443.9E6	754.232	754.073
34)	L7 AR-1260-4	8.226	7.147	53033476	417.9E6	762.329	748.026
35)	L7 AR-1260-5	8.552	7.387	109.7E6	1121.5E6	751.069	766.981

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

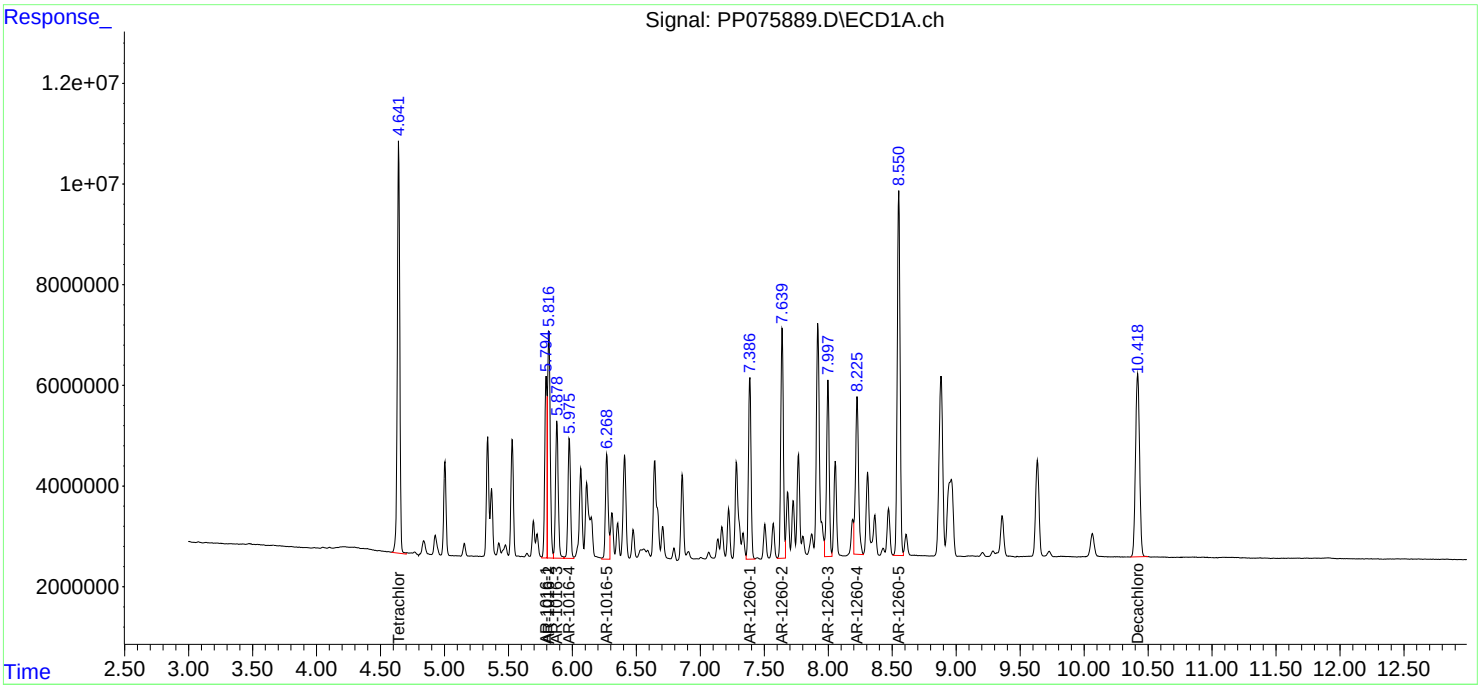
ICAL Form

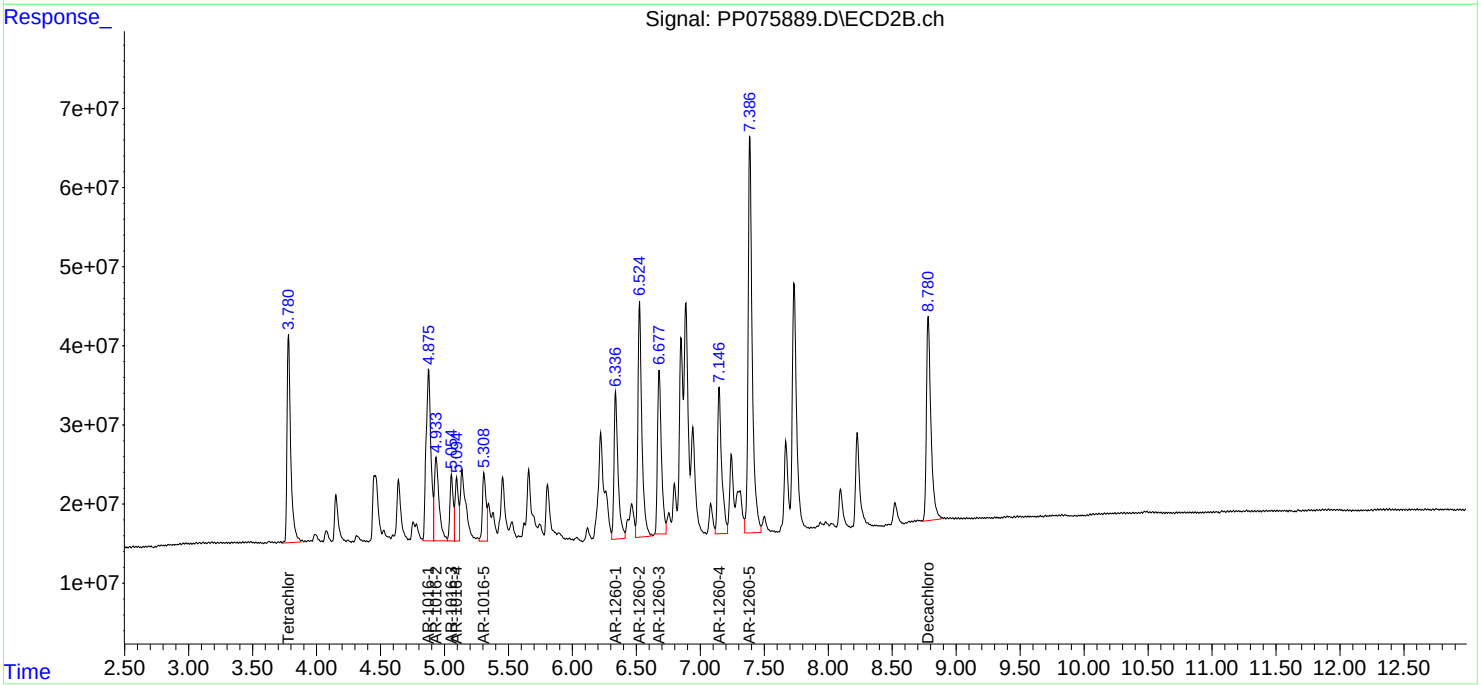
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

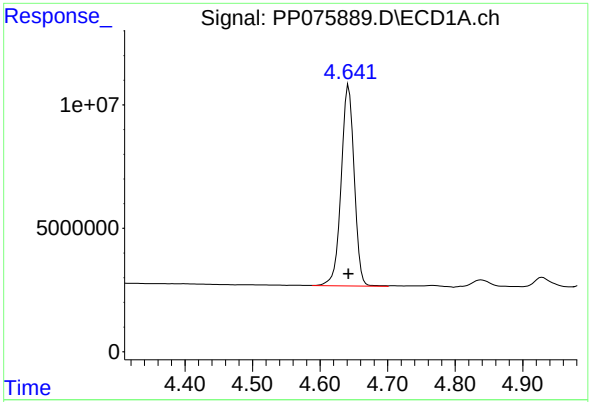
Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:23:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



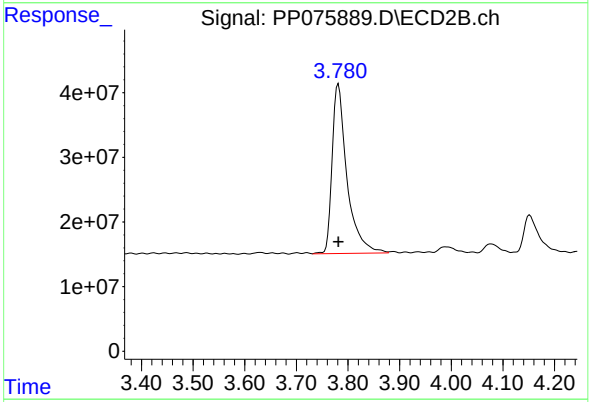




#1 Tetrachloro-m-xylene

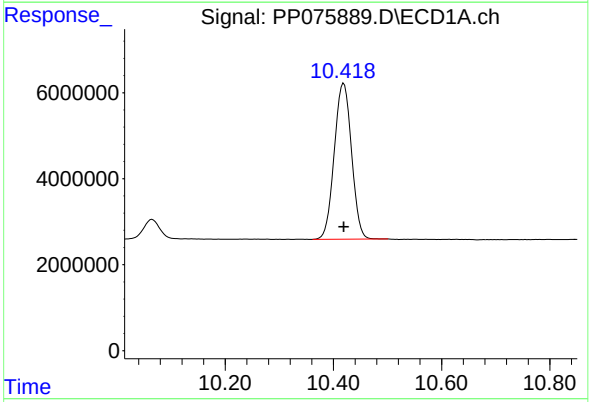
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 108983767
Conc: 75.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



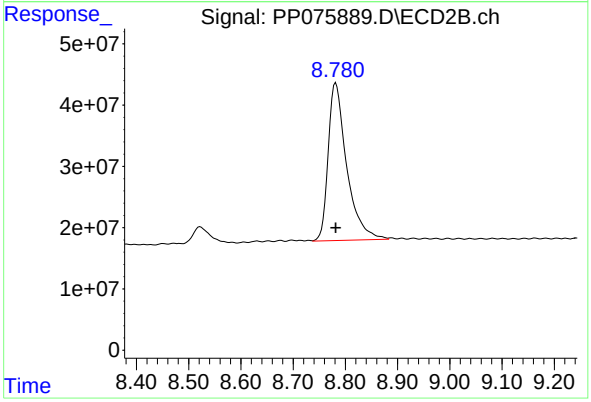
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 526398850
Conc: 76.99 ng/ml



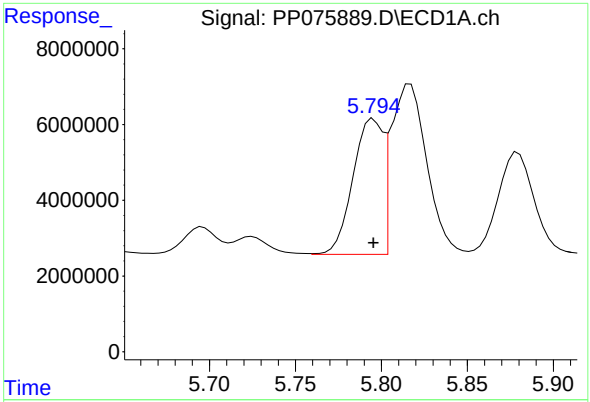
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 80347709
Conc: 75.13 ng/ml



#2 Decachlorobiphenyl

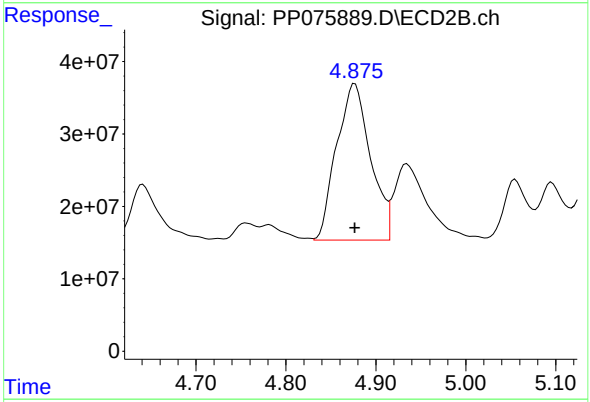
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 633609768
Conc: 76.54 ng/ml



#3 AR-1016-1

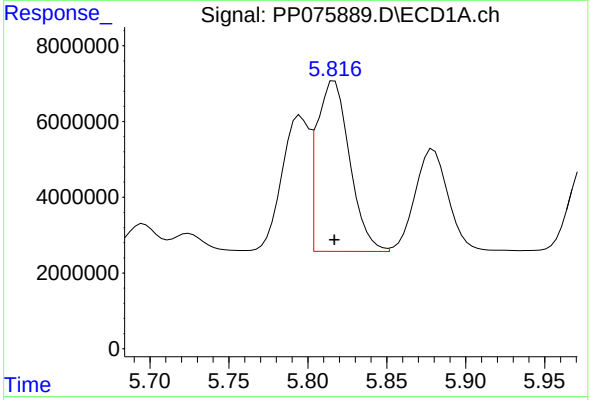
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 43386329
Conc: 756.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



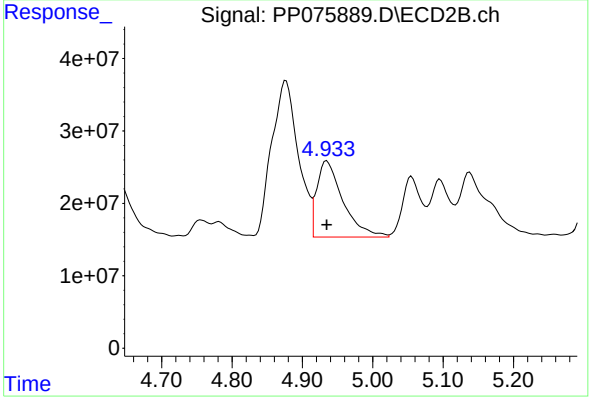
#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 566347900
Conc: 767.45 ng/ml



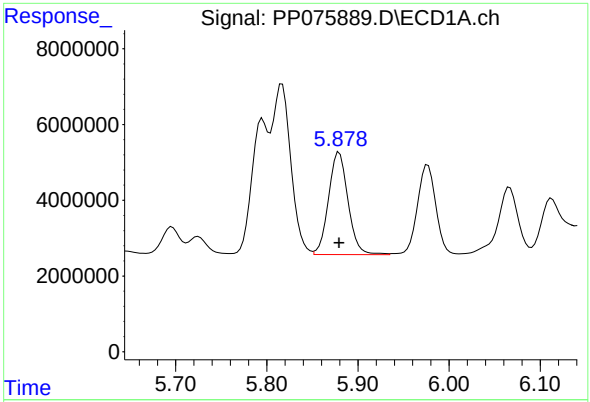
#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 64945093
Conc: 752.20 ng/ml



#4 AR-1016-2

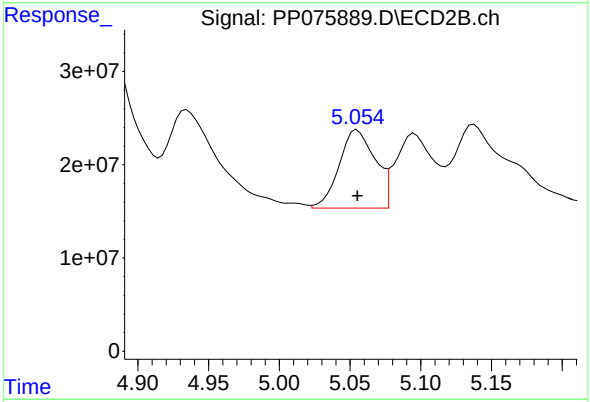
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 271691950
Conc: 771.87 ng/ml



#5 AR-1016-3

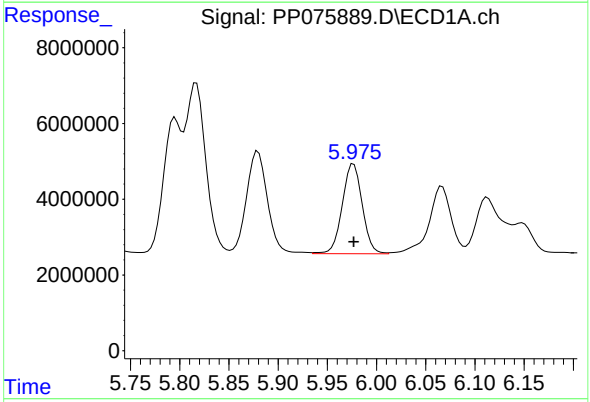
R.T.: 5.879 min
Delta R.T.: 0.000 min
Response: 40120308
Conc: 750.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



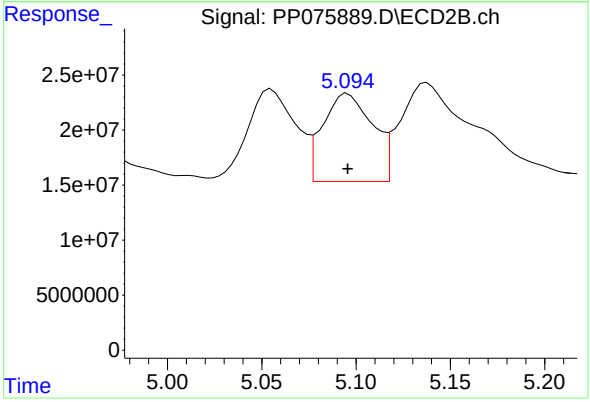
#5 AR-1016-3

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 149104477
Conc: 764.31 ng/ml



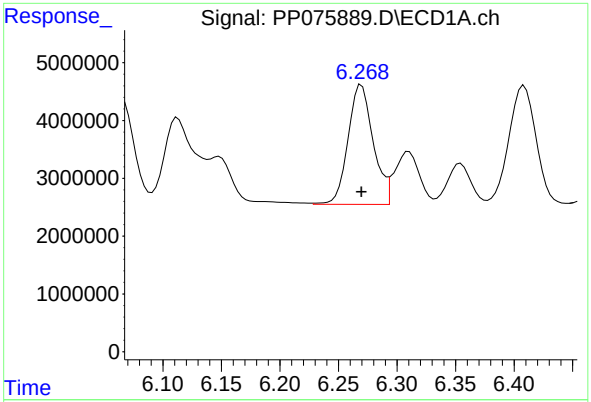
#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 33463154
Conc: 752.46 ng/ml



#6 AR-1016-4

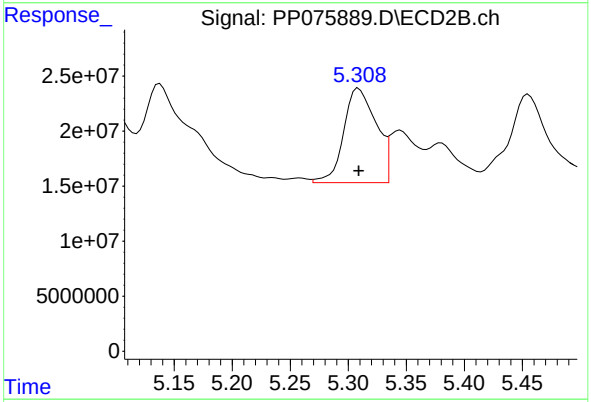
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 146709049
Conc: 766.54 ng/ml



#7 AR-1016-5

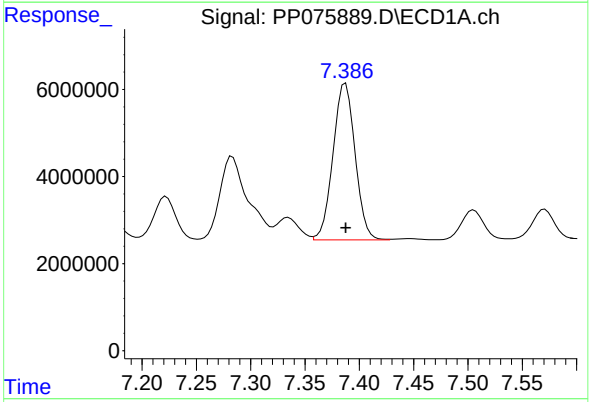
R.T.: 6.270 min
Delta R.T.: 0.000 min
Response: 31033086
Conc: 753.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



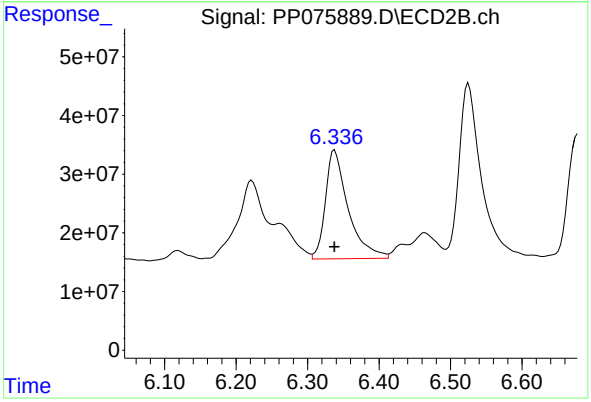
#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 167389785
Conc: 776.70 ng/ml



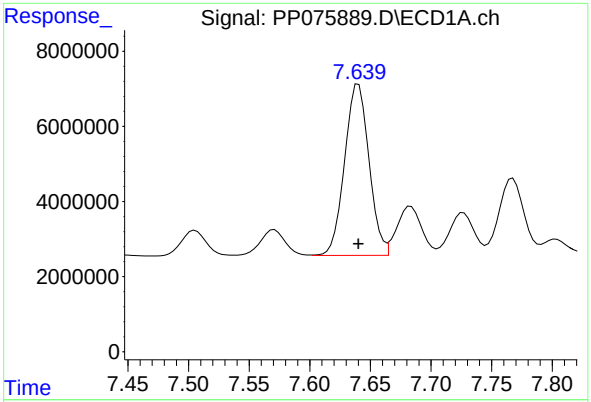
#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 50931055
Conc: 752.24 ng/ml



#31 AR-1260-1

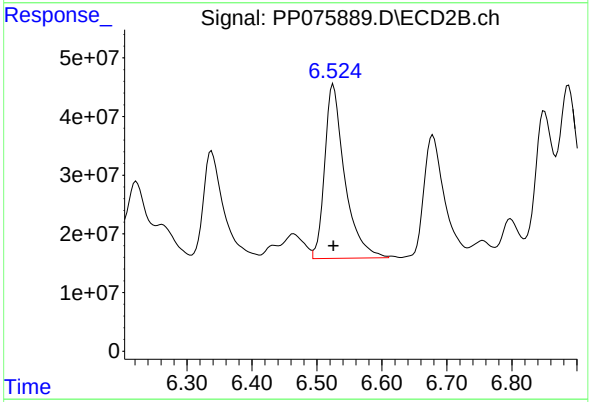
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 410357588
Conc: 760.96 ng/ml



#32 AR-1260-2

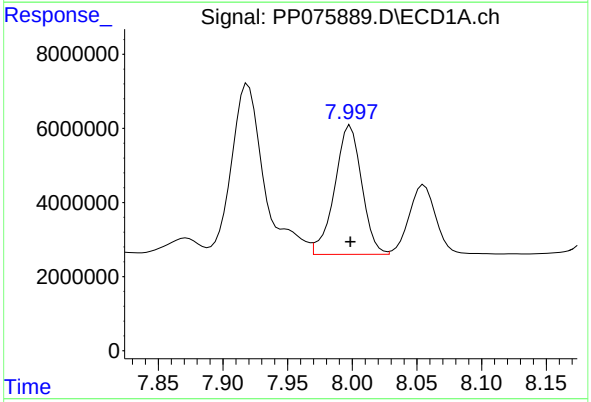
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 63926138
Conc: 753.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



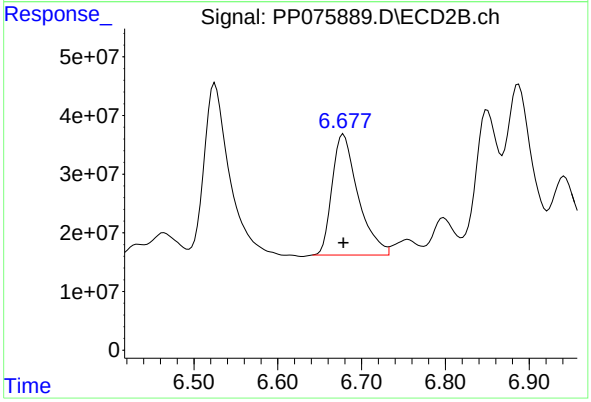
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 635292850
Conc: 762.32 ng/ml



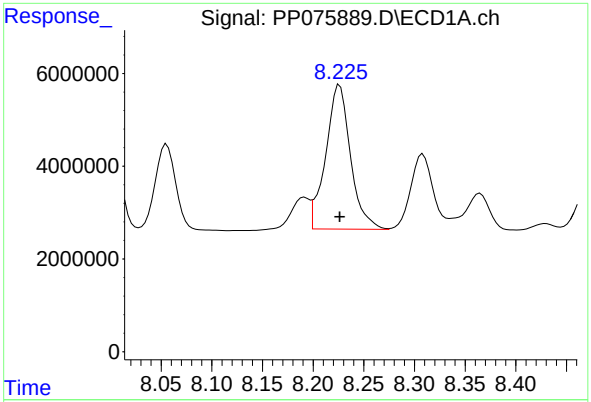
#33 AR-1260-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 50664437
Conc: 754.23 ng/ml



#33 AR-1260-3

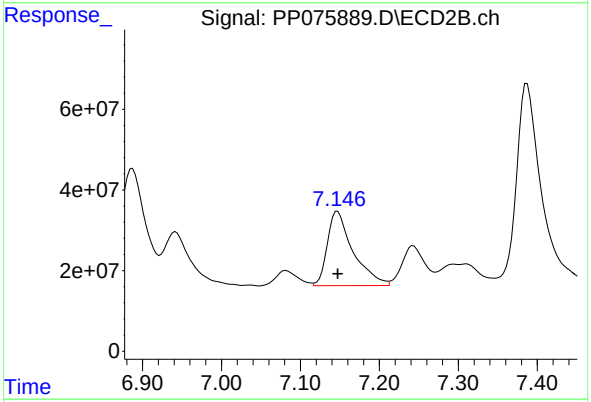
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 443939690
Conc: 754.07 ng/ml



#34 AR-1260-4

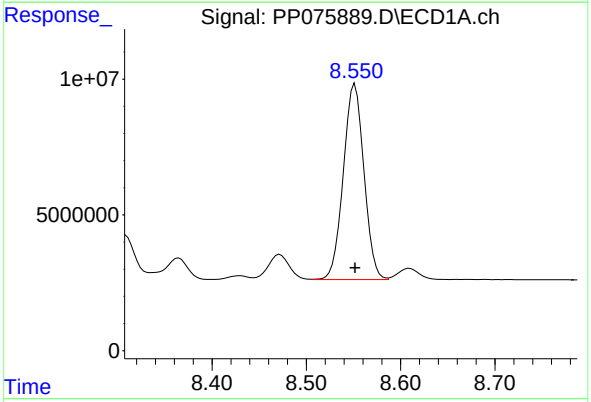
R.T.: 8.226 min
Delta R.T.: 0.000 min
Response: 53033476
Conc: 762.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



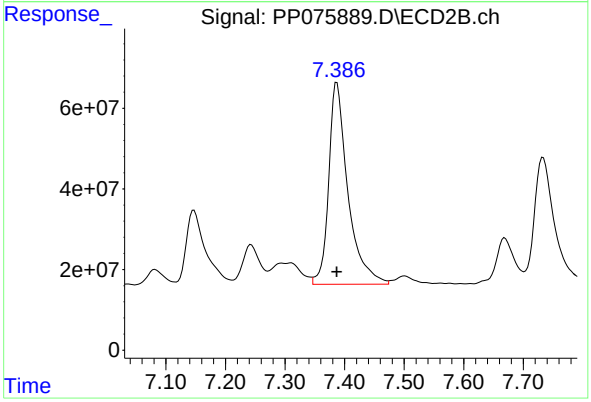
#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 417915311
Conc: 748.03 ng/ml



#35 AR-1260-5

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 109672973
Conc: 751.07 ng/ml



#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 1121530603
Conc: 766.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.642	3.781	74528552	340.2E6	50.000	50.000
2)	SA Decachlor...	10.419	8.782	56239261	420.8E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	5.795	4.878	30114384	375.1E6	500.000	500.000
4)	L1 AR-1016-2	5.817	4.936	45519198	174.5E6	500.000	500.000
5)	L1 AR-1016-3	5.880	5.054	28382201	100.8E6	500.000	500.000
6)	L1 AR-1016-4	5.977	5.096	23491429	96565055	500.000	500.000
7)	L1 AR-1016-5	6.269	5.310	21575284	110.6E6	500.000	500.000
31)	L7 AR-1260-1	7.387	6.338	35276845	275.8E6	500.000	500.000
32)	L7 AR-1260-2	7.640	6.525	44297376	418.0E6	500.000	500.000
33)	L7 AR-1260-3	7.999	6.678	34501640	301.5E6	500.000	500.000
34)	L7 AR-1260-4	8.227	7.147	36271488	278.2E6	500.000	500.000
35)	L7 AR-1260-5	8.552	7.387	76226369	724.1E6	500.000	500.000

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

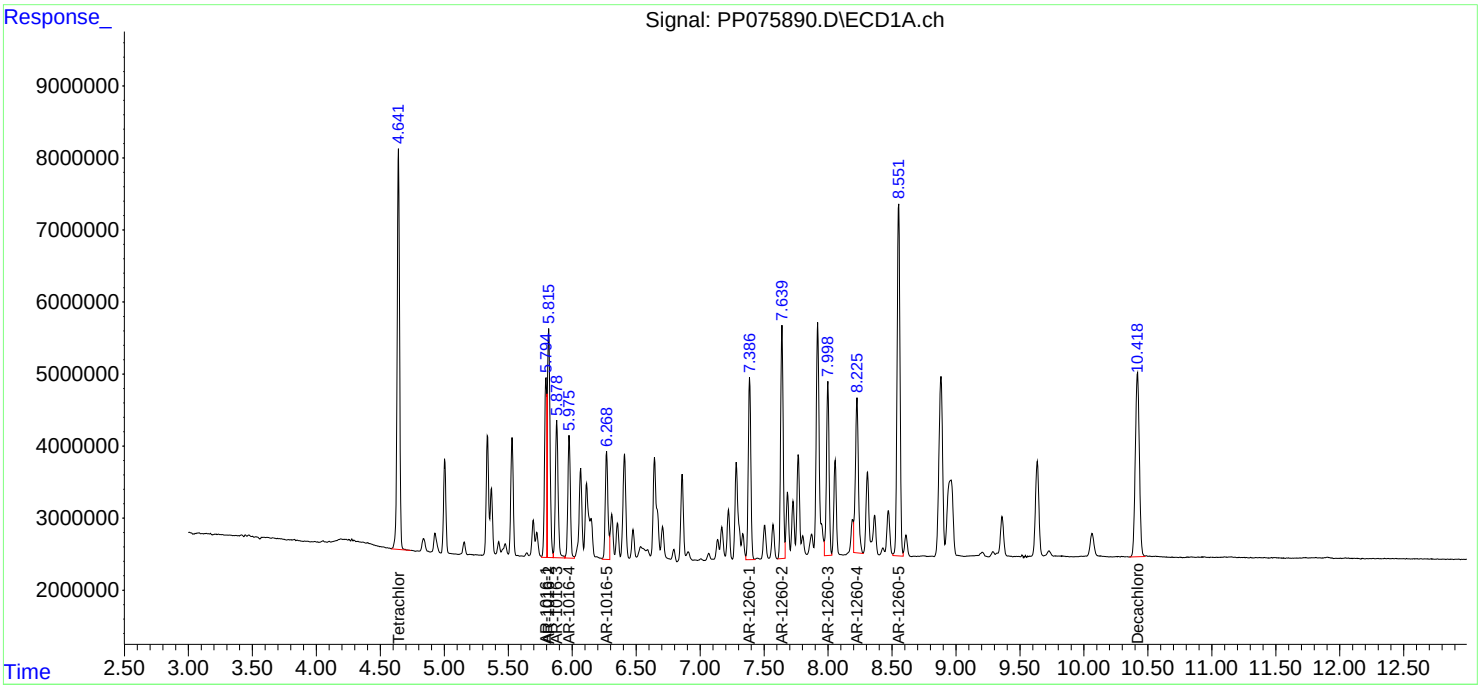
ICAL Form

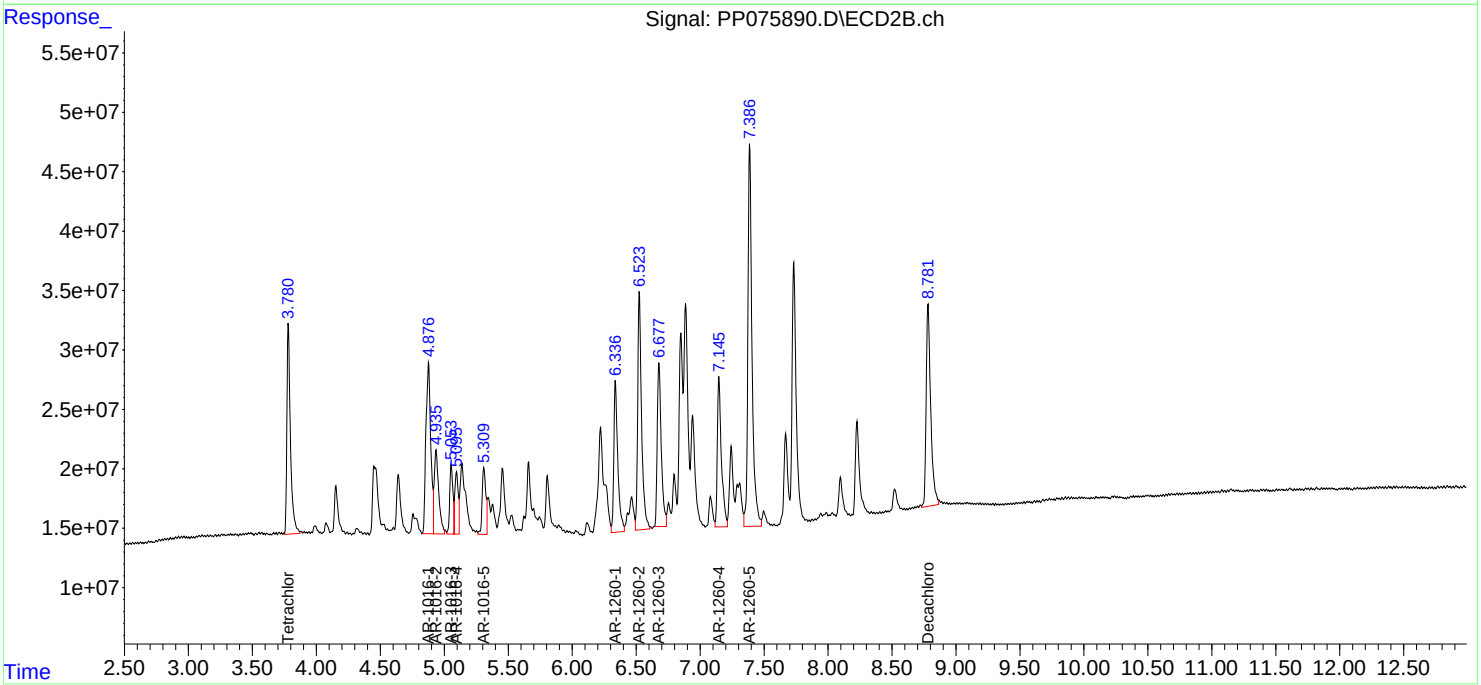
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075890.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

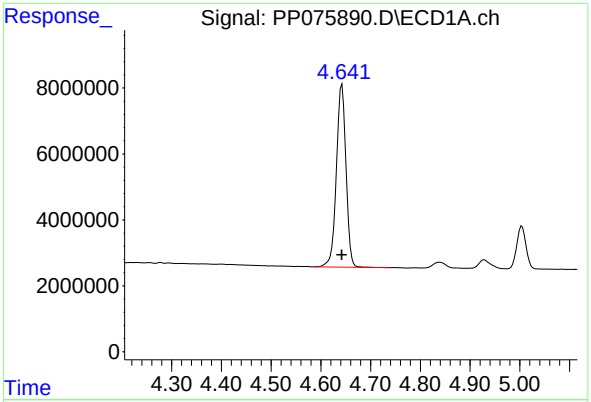
Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:17:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



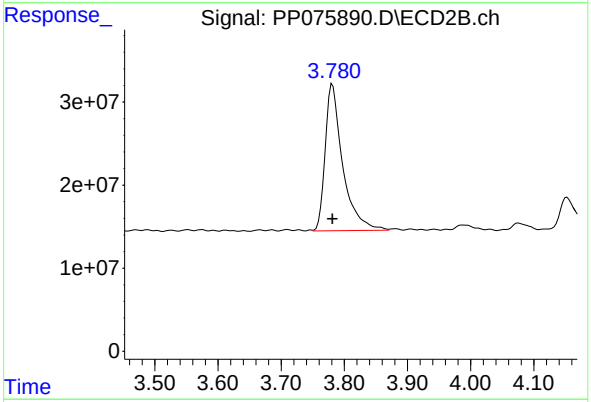




#1 Tetrachloro-m-xylene

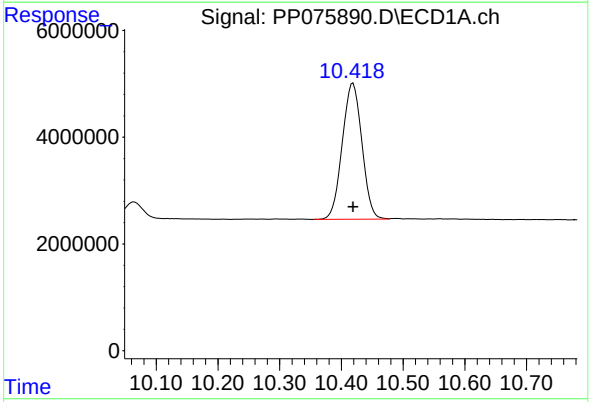
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 74528552
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



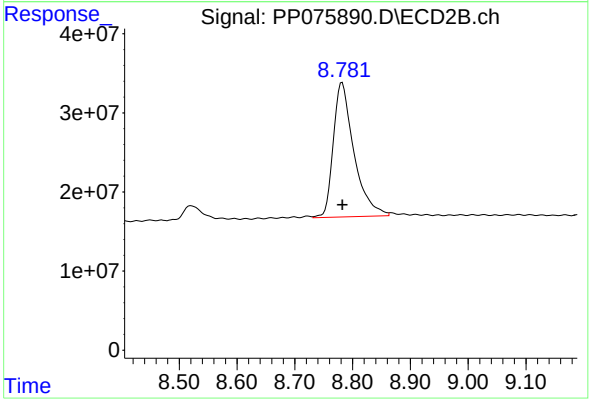
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 340246189
Conc: 50.00 ng/ml



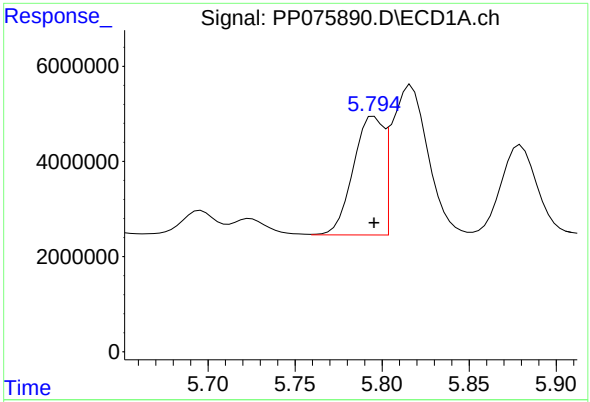
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 56239261
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

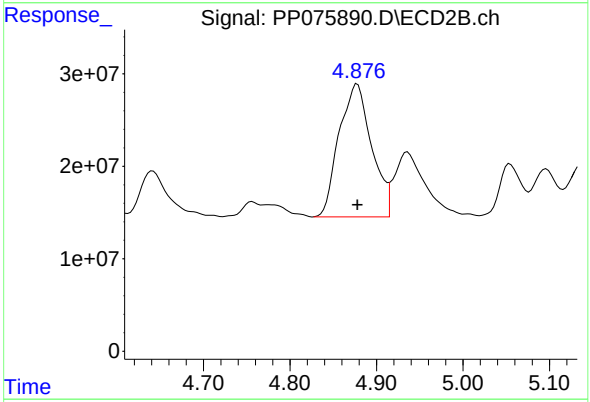
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 420820866
Conc: 50.00 ng/ml



#3 AR-1016-1

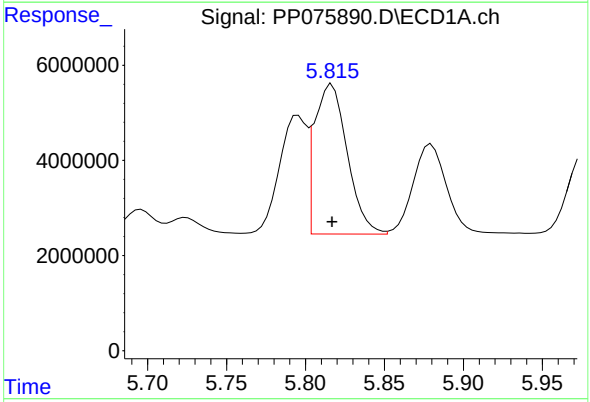
R.T.: 5.795 min
Delta R.T.: 0.000 min
Response: 30114384
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



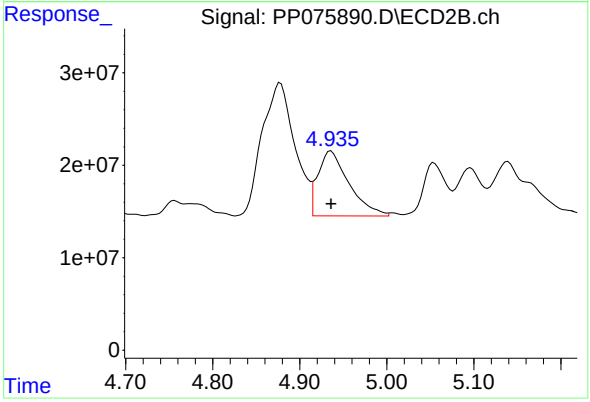
#3 AR-1016-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 375084110
Conc: 500.00 ng/ml



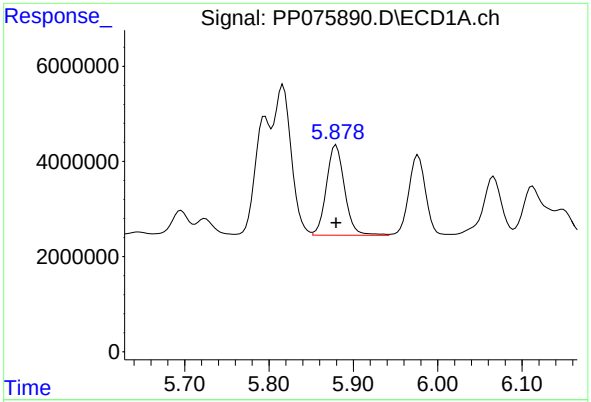
#4 AR-1016-2

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 45519198
Conc: 500.00 ng/ml



#4 AR-1016-2

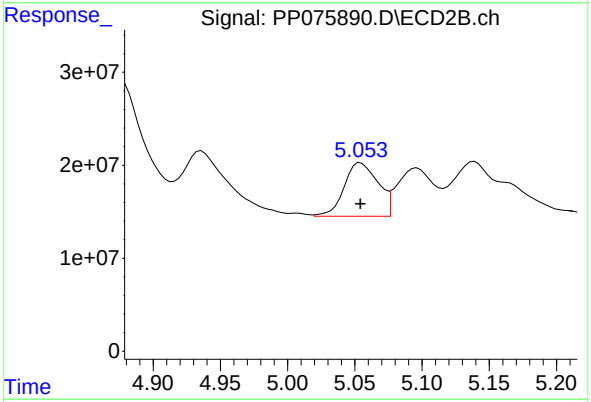
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 174516538
Conc: 500.00 ng/ml



#5 AR-1016-3

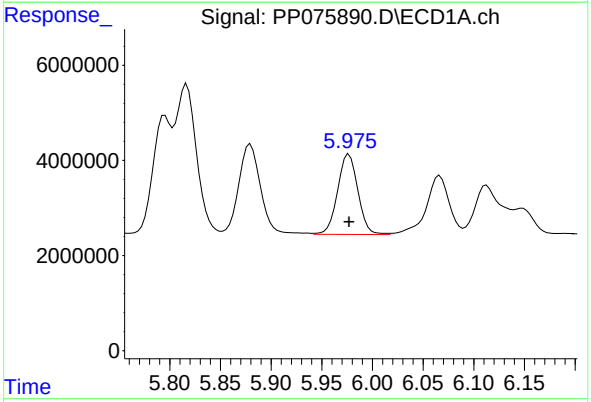
R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 28382201
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



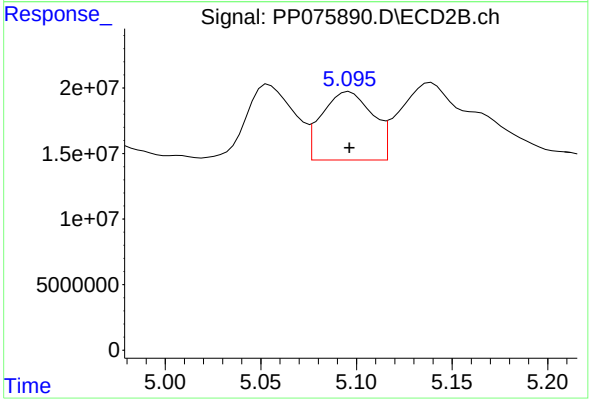
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 100844885
Conc: 500.00 ng/ml



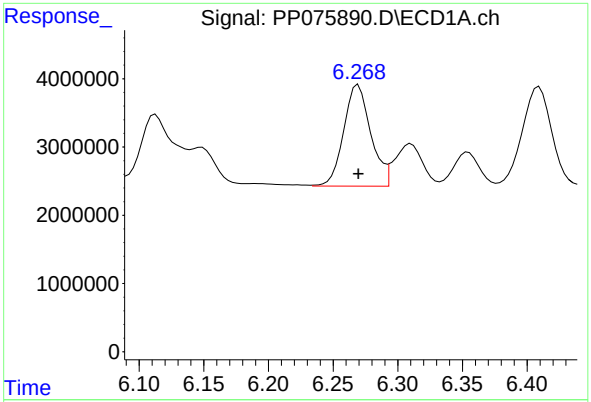
#6 AR-1016-4

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 23491429
Conc: 500.00 ng/ml



#6 AR-1016-4

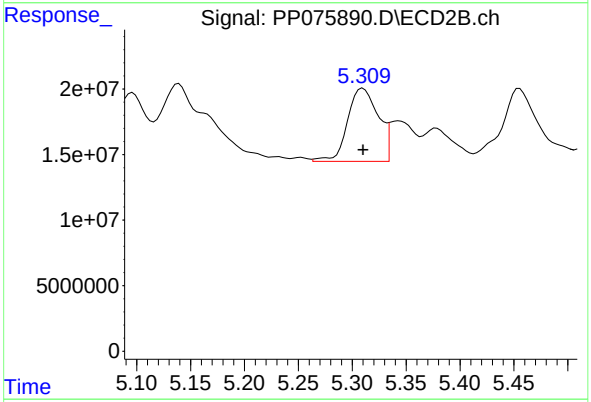
R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 96565055
Conc: 500.00 ng/ml



#7 AR-1016-5

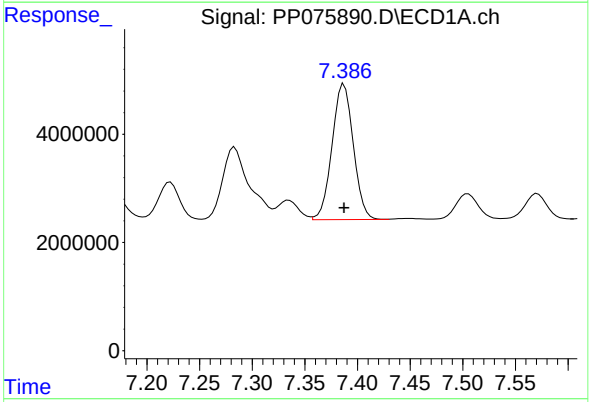
R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 21575284
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



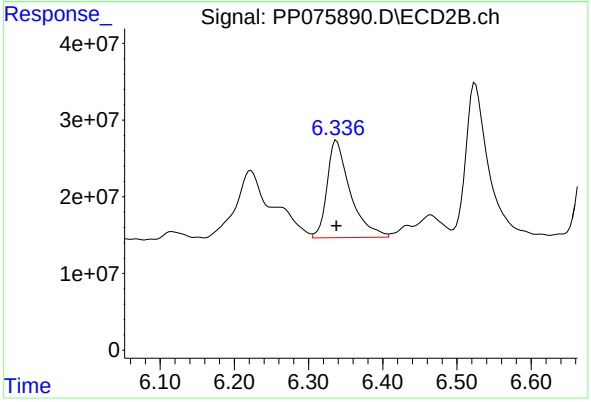
#7 AR-1016-5

R.T.: 5.310 min
Delta R.T.: 0.000 min
Response: 110632171
Conc: 500.00 ng/ml



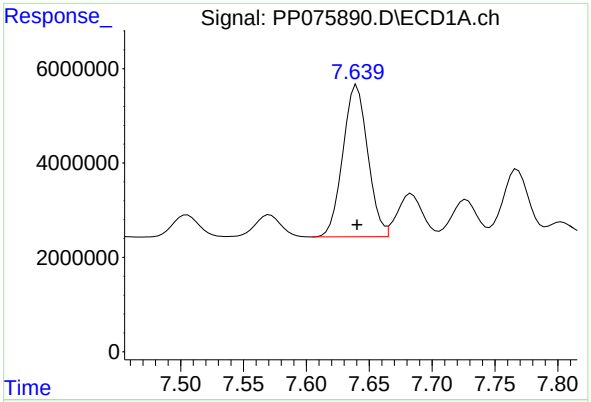
#31 AR-1260-1

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 35276845
Conc: 500.00 ng/ml



#31 AR-1260-1

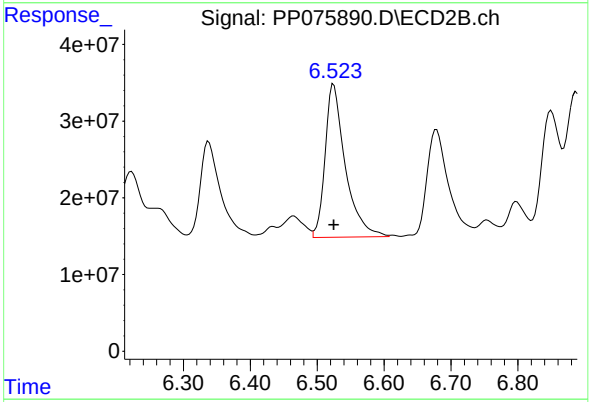
R.T.: 6.338 min
Delta R.T.: 0.000 min
Response: 275761874
Conc: 500.00 ng/ml



#32 AR-1260-2

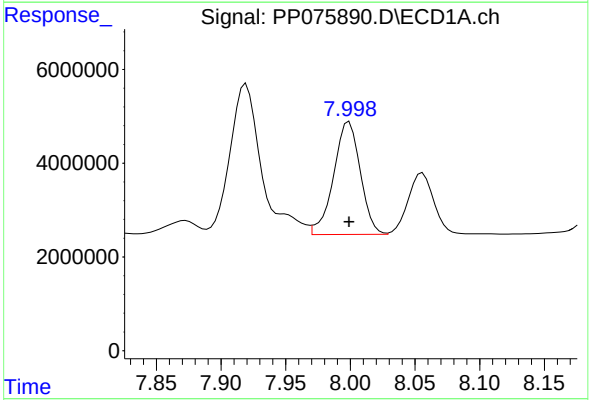
R.T.: 7.640 min
Delta R.T.: 0.000 min
Response: 44297376
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



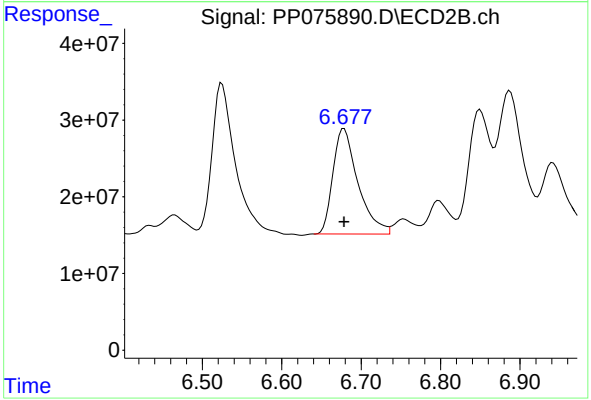
#32 AR-1260-2

R.T.: 6.525 min
Delta R.T.: 0.000 min
Response: 418049672
Conc: 500.00 ng/ml



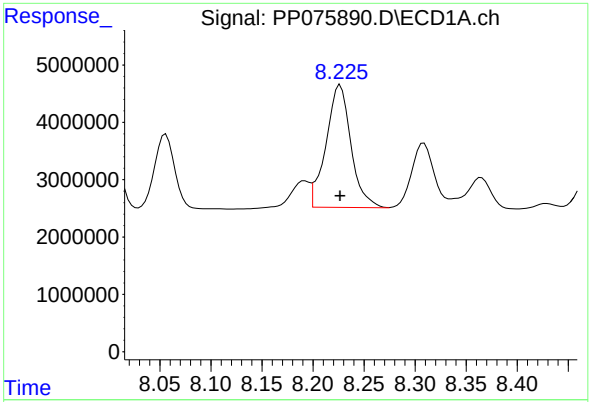
#33 AR-1260-3

R.T.: 7.999 min
Delta R.T.: 0.000 min
Response: 34501640
Conc: 500.00 ng/ml



#33 AR-1260-3

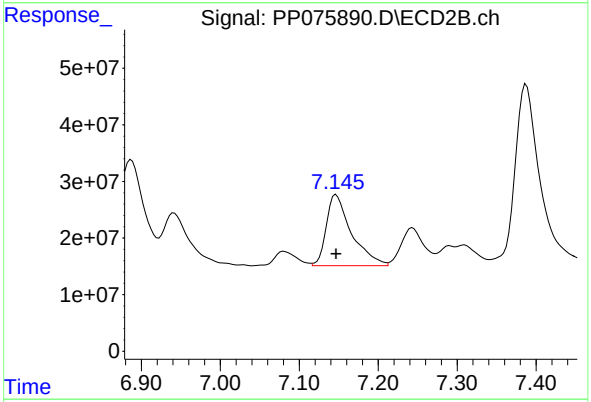
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 301530921
Conc: 500.00 ng/ml



#34 AR-1260-4

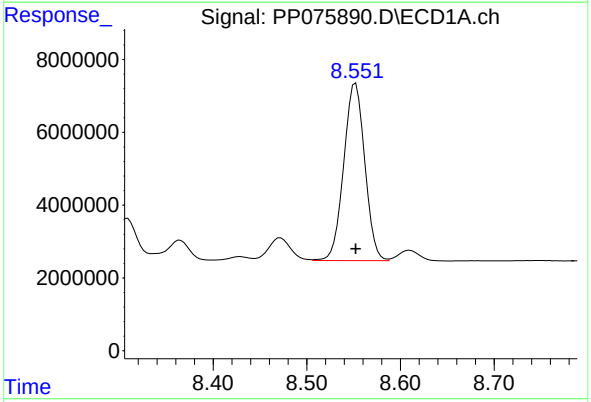
R.T.: 8.227 min
Delta R.T.: 0.000 min
Response: 36271488
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



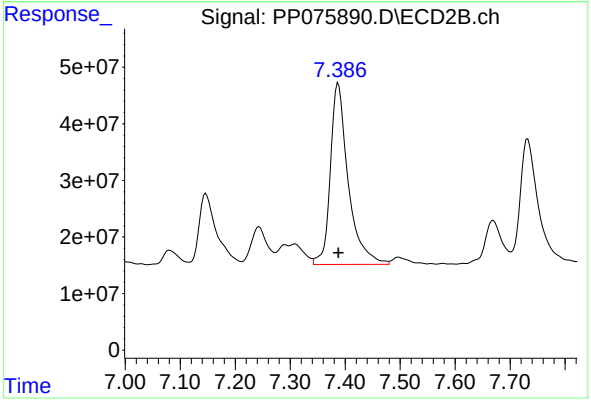
#34 AR-1260-4

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 278154531
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 8.552 min
Delta R.T.: 0.000 min
Response: 76226369
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.387 min
Delta R.T.: 0.000 min
Response: 724073181
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.784	37075524	169.0E6	25.583	24.784
2)	SA Decachlor...	10.422	8.784	28447228	209.4E6	26.182	25.220
	Target Compounds						
3)	L1 AR-1016-1	5.798	4.879	15764214	192.2E6	268.295	257.757
4)	L1 AR-1016-2	5.819	4.938	23732820	92000931	268.205	258.433
5)	L1 AR-1016-3	5.882	5.057	14886118	51110889	270.868	258.889
6)	L1 AR-1016-4	5.979	5.098	12136196	50910953	266.787	261.815
7)	L1 AR-1016-5	6.272	5.311	11195531	62484223	265.950	278.799
31)	L7 AR-1260-1	7.390	6.340	18525045	137.5E6	267.300	253.727
32)	L7 AR-1260-2	7.643	6.526	23496784	210.3E6	269.643	251.752
33)	L7 AR-1260-3	8.001	6.680	18178927	148.9E6	265.157	252.205
34)	L7 AR-1260-4	8.229	7.150	18638279	133.3E6	263.200	241.399
35)	L7 AR-1260-5	8.554	7.389	38759842	344.9E6	261.402	239.232

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

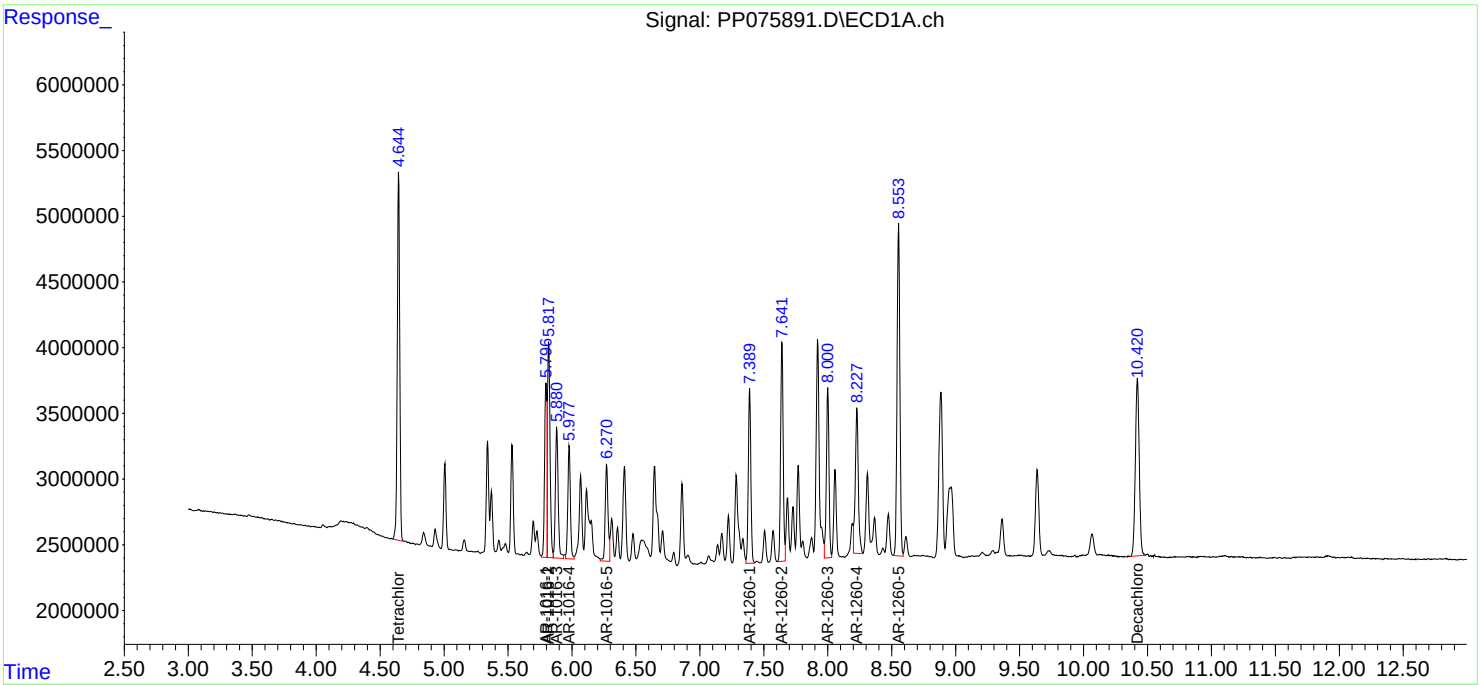
ICAL Form

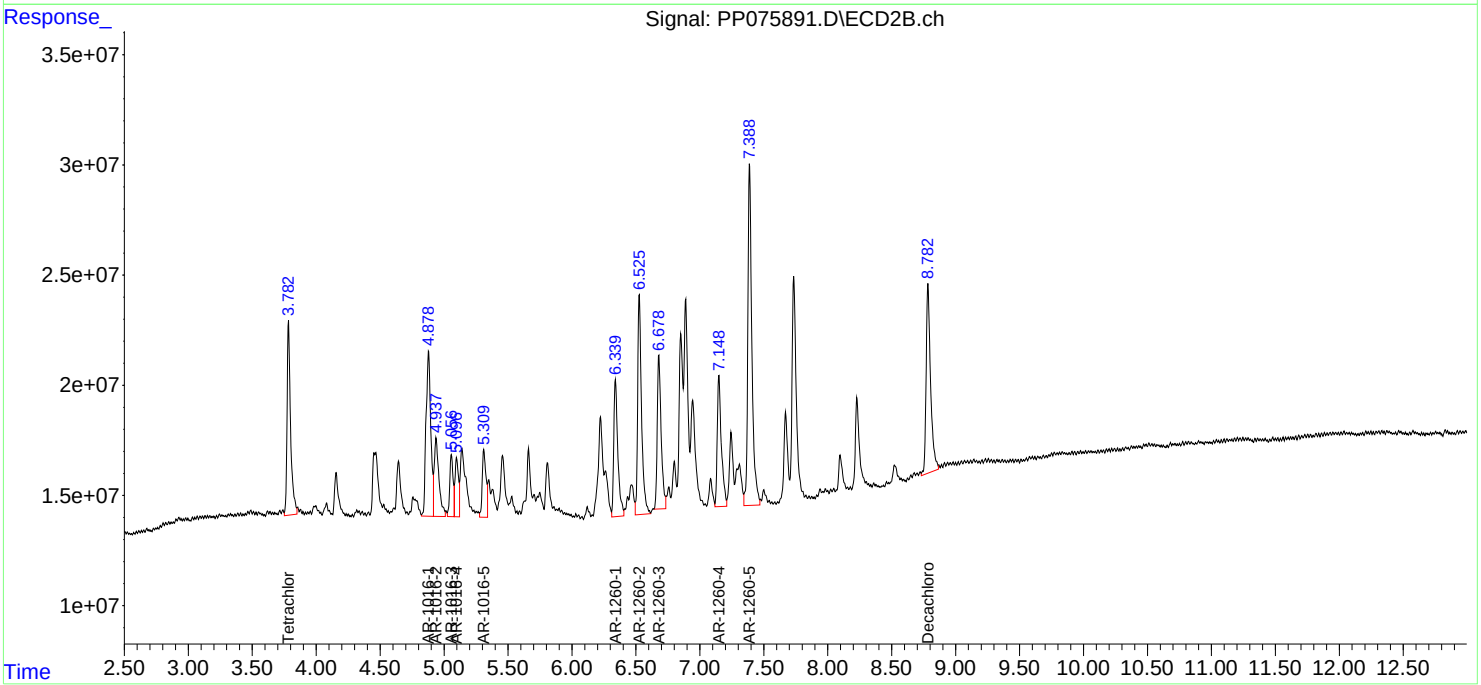
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 09:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

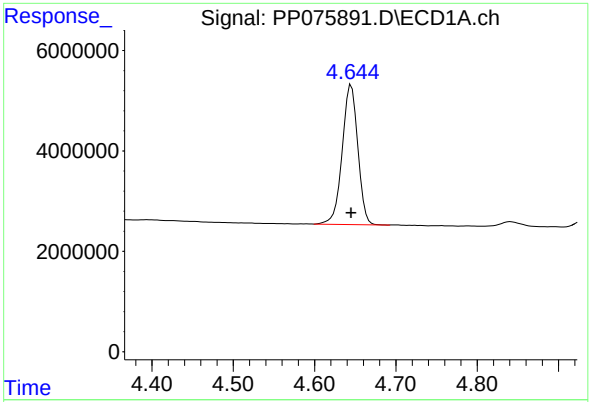
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:27:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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



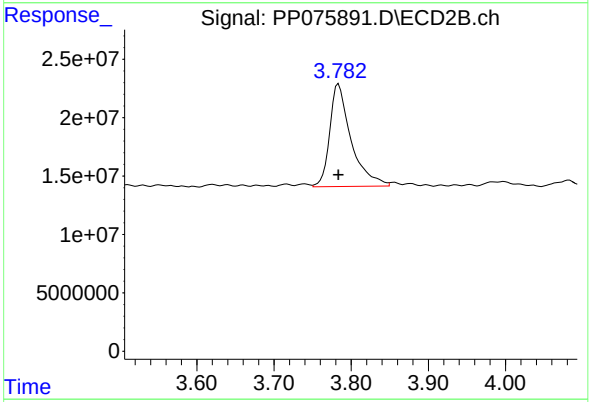




#1 Tetrachloro-m-xylene

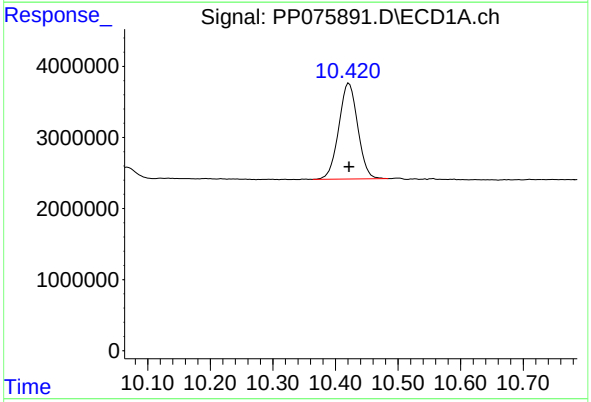
R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 37075524
Conc: 25.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



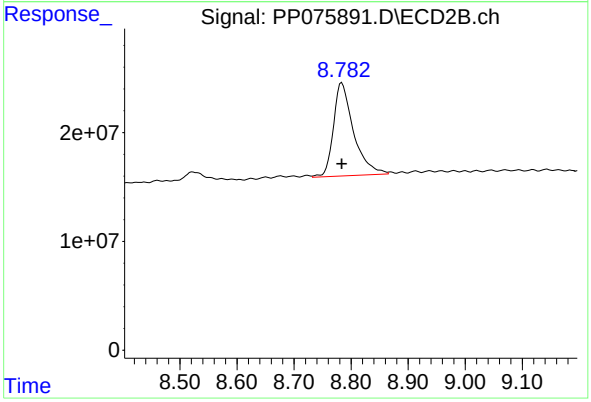
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 168955871
Conc: 24.78 ng/ml



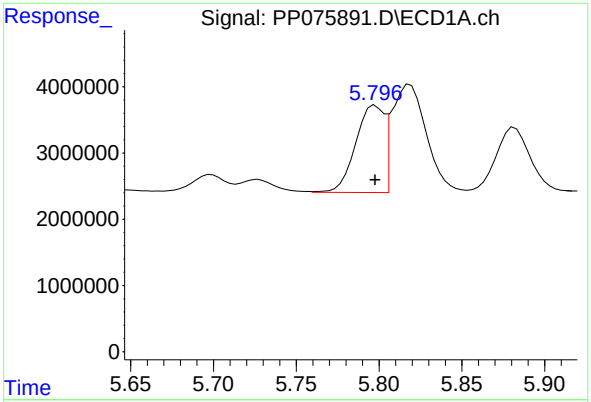
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 28447228
Conc: 26.18 ng/ml



#2 Decachlorobiphenyl

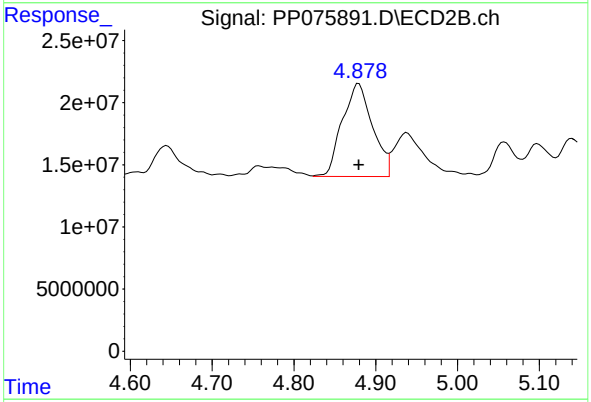
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 209392295
Conc: 25.22 ng/ml



#3 AR-1016-1

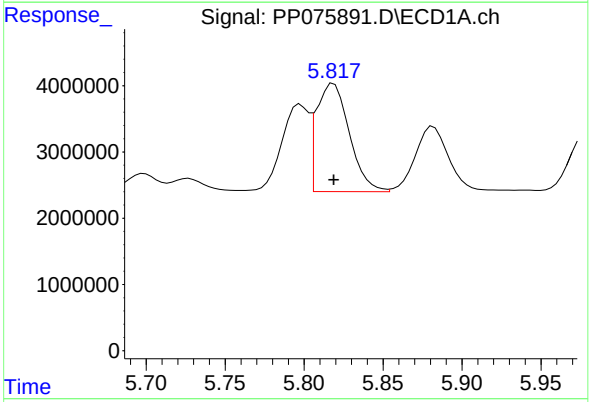
R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 15764214
Conc: 268.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



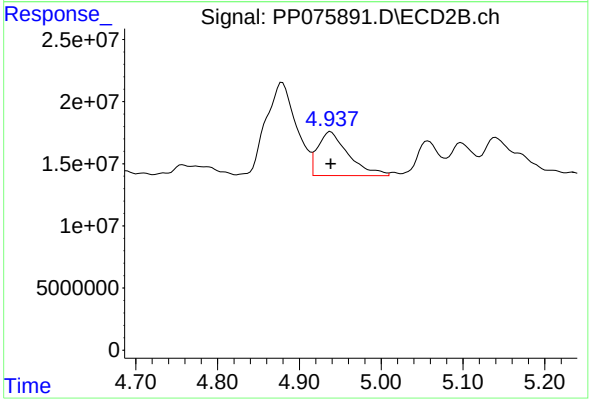
#3 AR-1016-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 192203729
Conc: 257.76 ng/ml



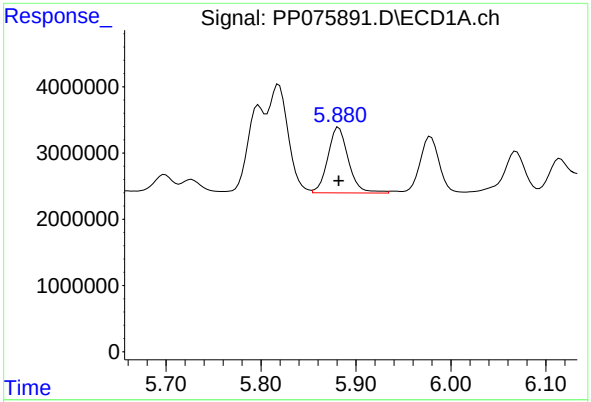
#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 23732820
Conc: 268.20 ng/ml



#4 AR-1016-2

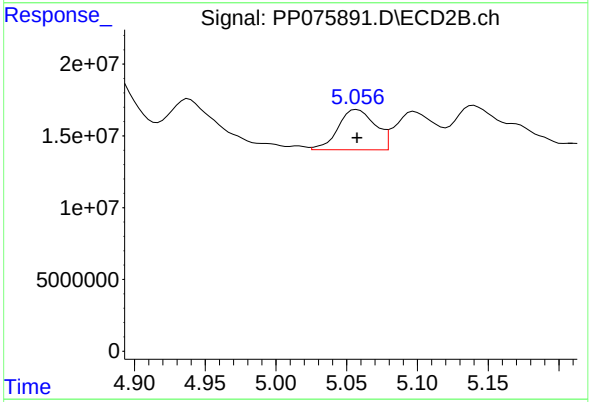
R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 92000931
Conc: 258.43 ng/ml



#5 AR-1016-3

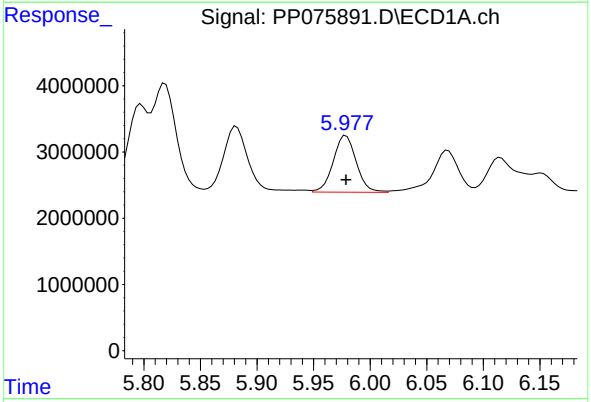
R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 14886118
Conc: 270.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



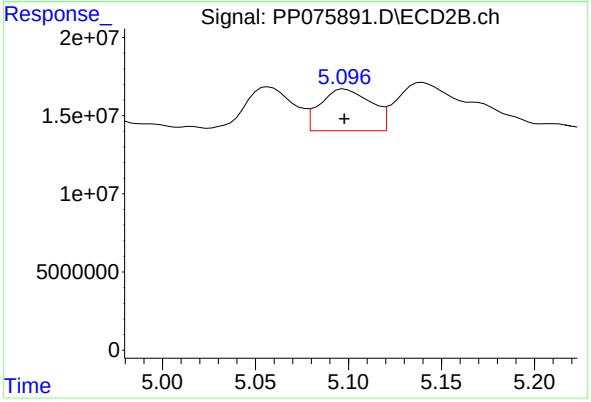
#5 AR-1016-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 51110889
Conc: 258.89 ng/ml



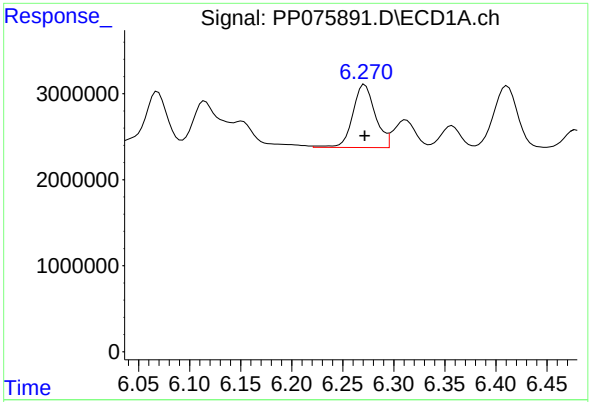
#6 AR-1016-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 12136196
Conc: 266.79 ng/ml



#6 AR-1016-4

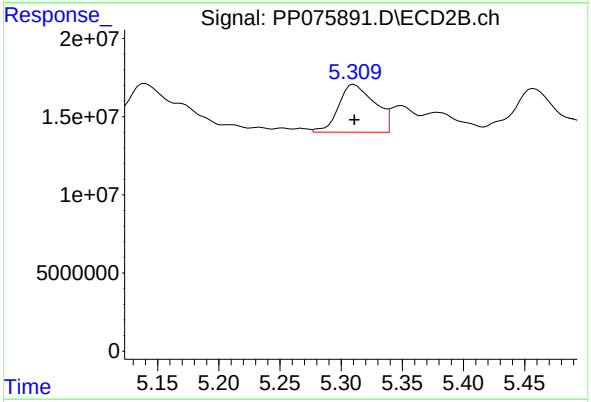
R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 50910953
Conc: 261.82 ng/ml



#7 AR-1016-5

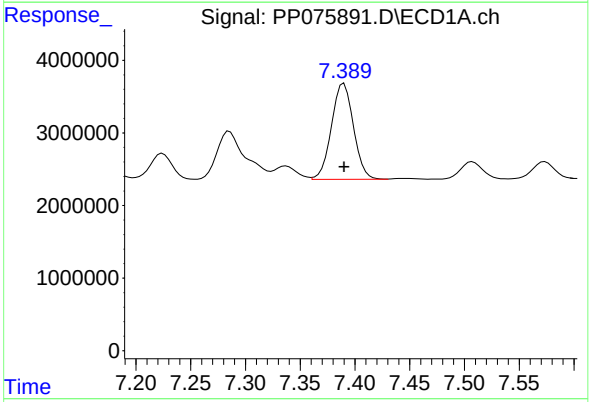
R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 11195531
Conc: 265.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



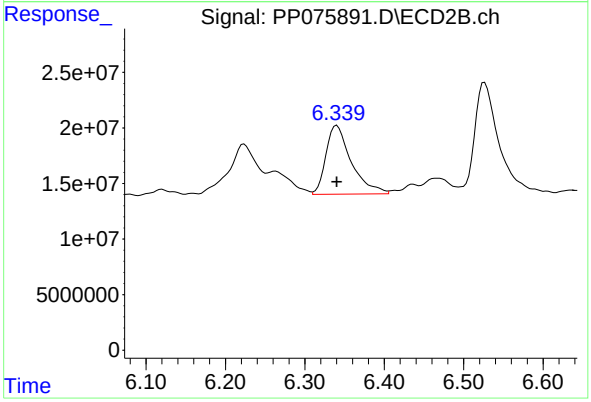
#7 AR-1016-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 62484223
Conc: 278.80 ng/ml



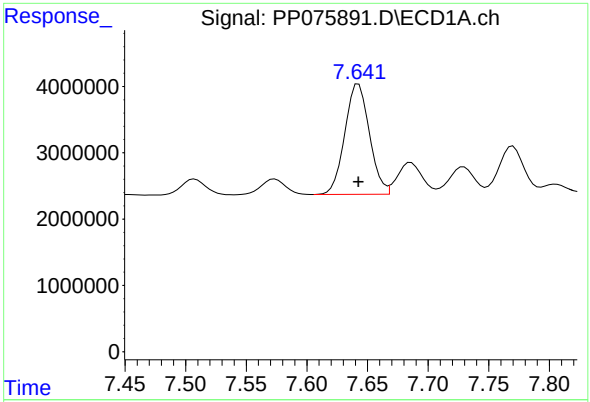
#31 AR-1260-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 18525045
Conc: 267.30 ng/ml



#31 AR-1260-1

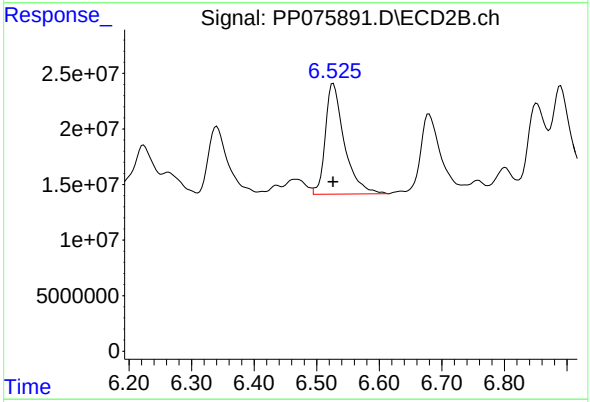
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 137508629
Conc: 253.73 ng/ml



#32 AR-1260-2

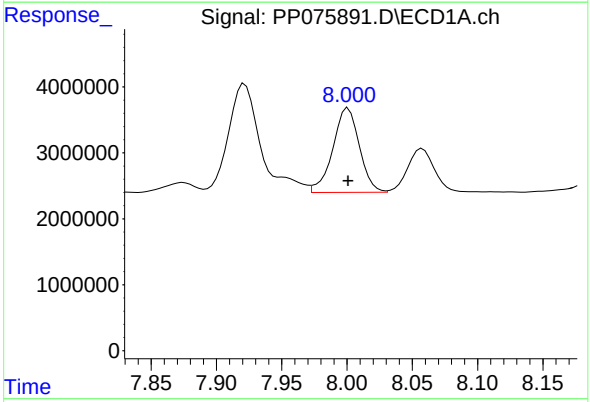
R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 23496784
Conc: 269.64 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



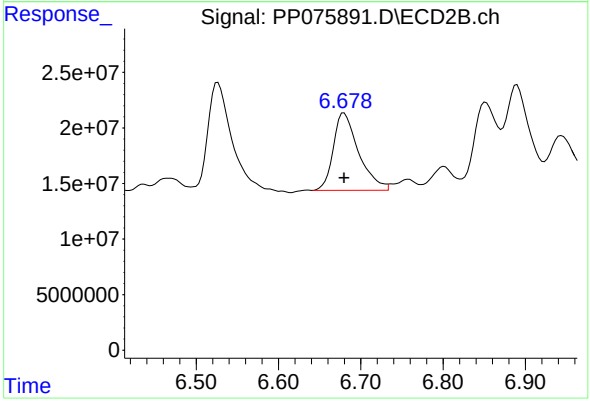
#32 AR-1260-2

R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 210292498
Conc: 251.75 ng/ml



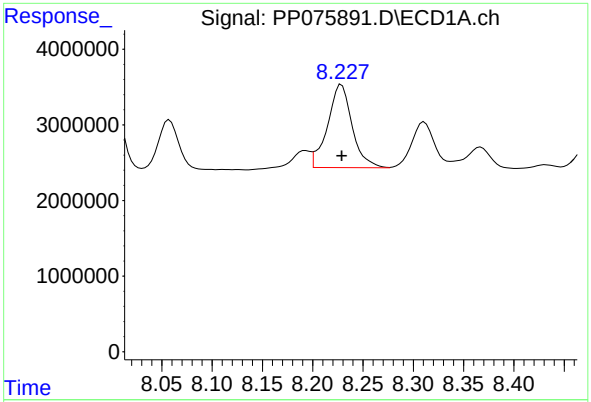
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 18178927
Conc: 265.16 ng/ml



#33 AR-1260-3

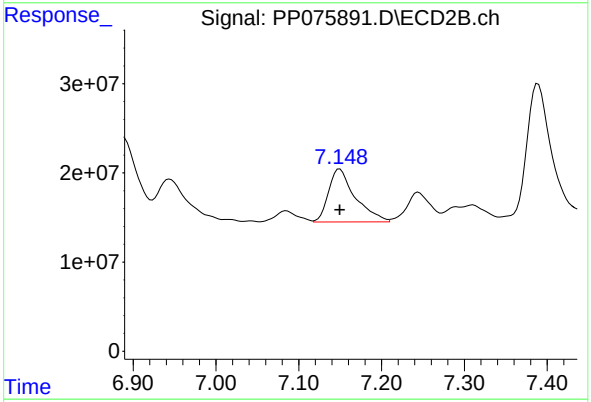
R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 148916878
Conc: 252.21 ng/ml



#34 AR-1260-4

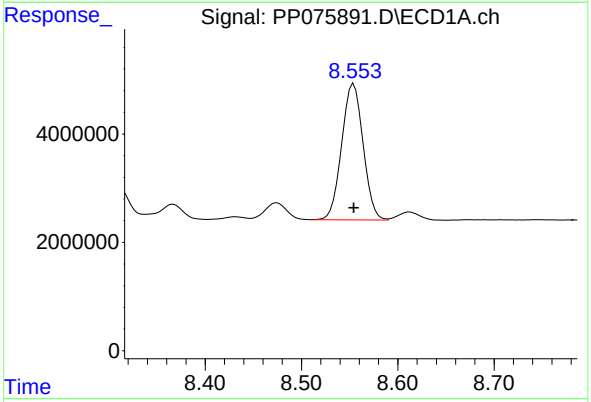
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 18638279
Conc: 263.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



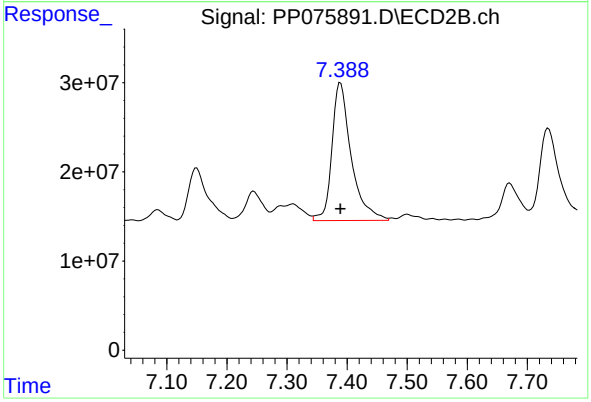
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 133338171
Conc: 241.40 ng/ml



#35 AR-1260-5

R.T.: 8.554 min
Delta R.T.: 0.000 min
Response: 38759842
Conc: 261.40 ng/ml



#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 344869131
Conc: 239.23 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.781	6742686	29112438	4.718	4.278m
2)	SA Decachlor...	10.422	8.783	5182617	39519966	4.814	4.806
	Target Compounds						
3)	L1 AR-1016-1	5.798	4.880	3030132	35907453	51.249	48.512
4)	L1 AR-1016-2	5.819	4.943	4413506	14284050	49.902	41.774
5)	L1 AR-1016-3	5.880	5.052	2846330	11850858	50.609m	58.316m
6)	L1 AR-1016-4	5.978	5.094	2262026	7830620	48.653m	41.996m
7)	L1 AR-1016-5	6.272	5.308	2432108	12171962	56.032	53.433m
31)	L7 AR-1260-1	7.390	6.339	3328272	28532945	48.407	52.096
32)	L7 AR-1260-2	7.643	6.528	4966284	36370402	55.441	44.696
33)	L7 AR-1260-3	8.001	6.681	3609827	22597431	52.100	40.155
34)	L7 AR-1260-4	8.229	7.150	2980037	19361634	43.459	37.282
35)	L7 AR-1260-5	8.555	7.388	7332547	50574953	49.560	37.309

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

ICAL Form

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

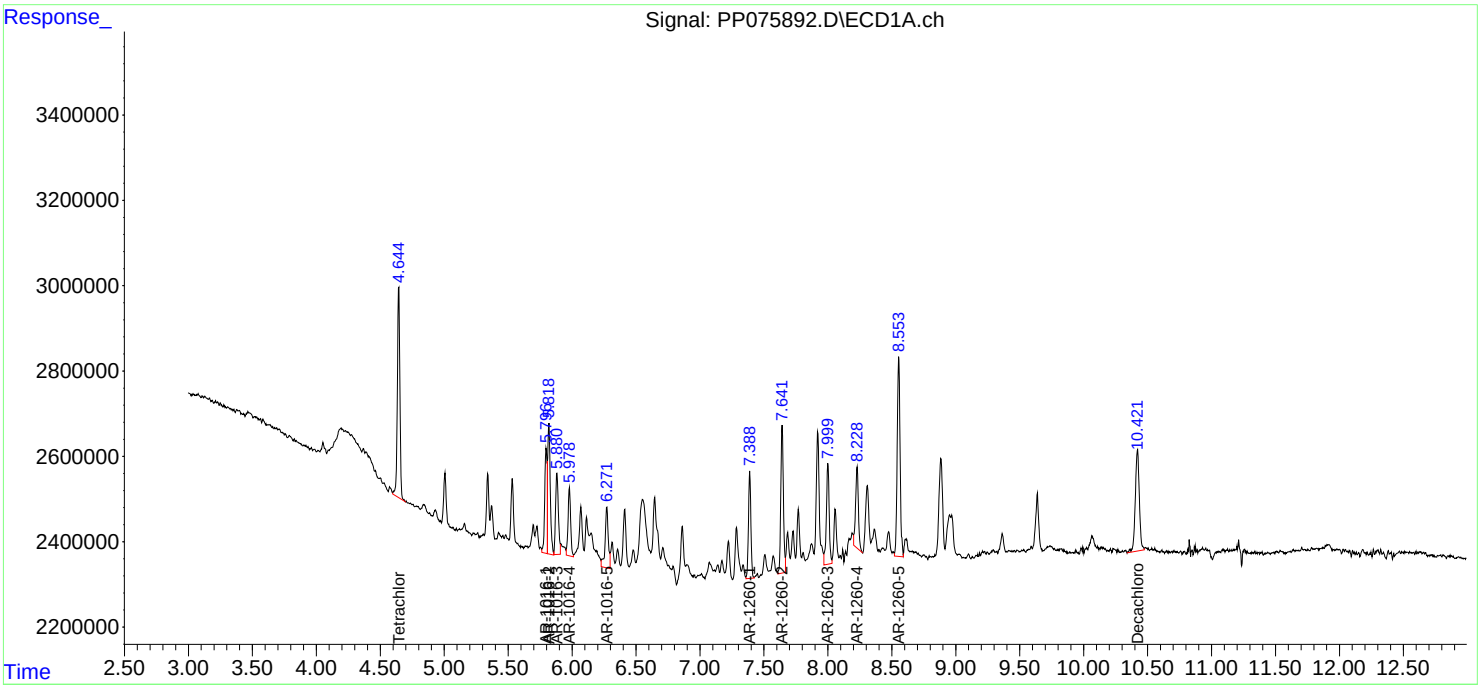
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

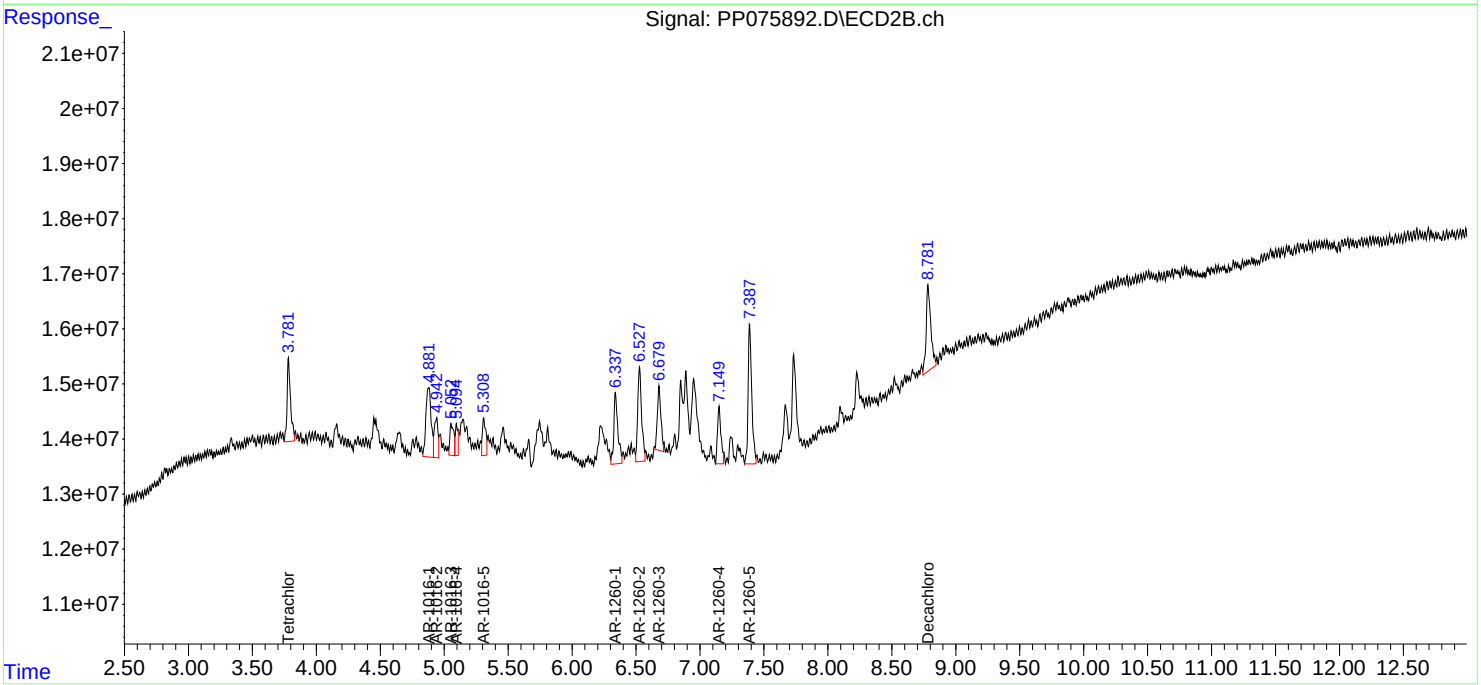
Manual Integrations APPROVED

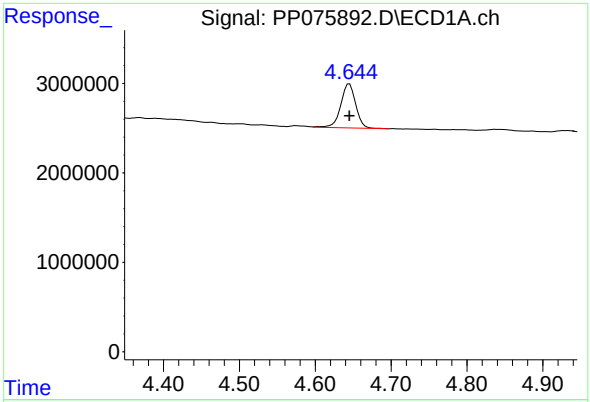
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:33:37 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 17:14:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







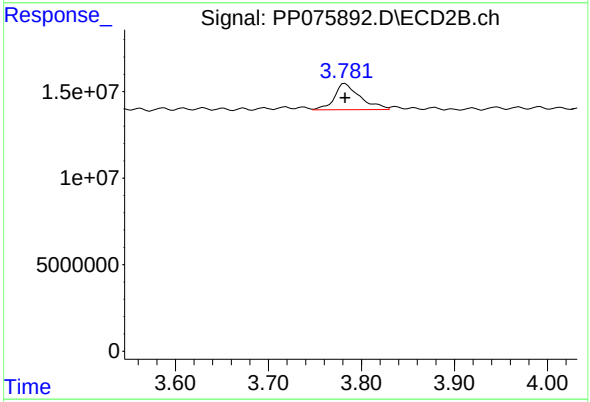
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6742686
Conc: 4.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

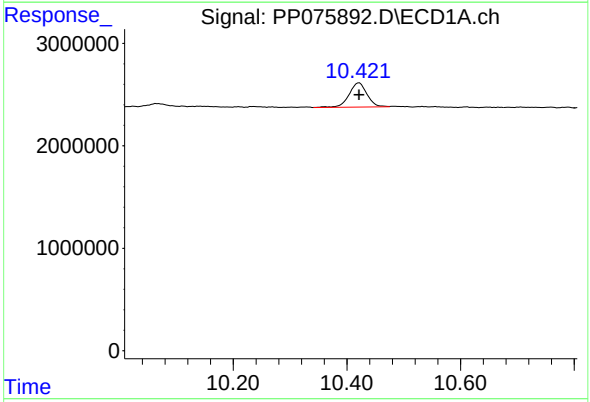
Manual Integrations APPROVED

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



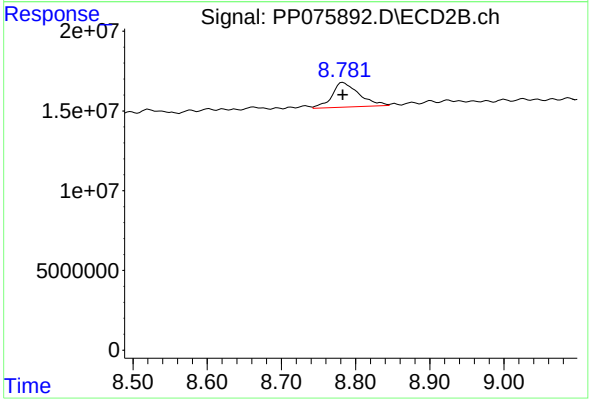
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: -0.002 min
Response: 29112438
Conc: 4.28 ng/ml m



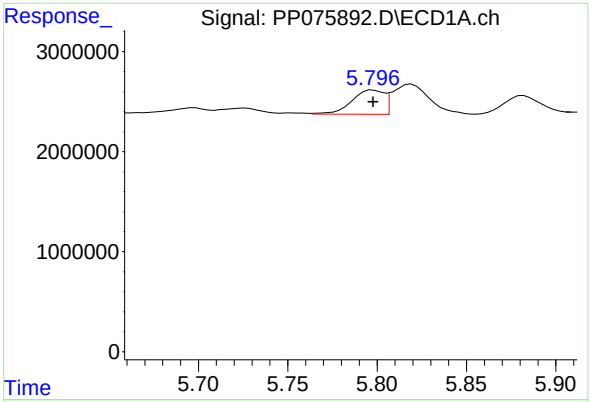
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 5182617
Conc: 4.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 39519966
Conc: 4.81 ng/ml



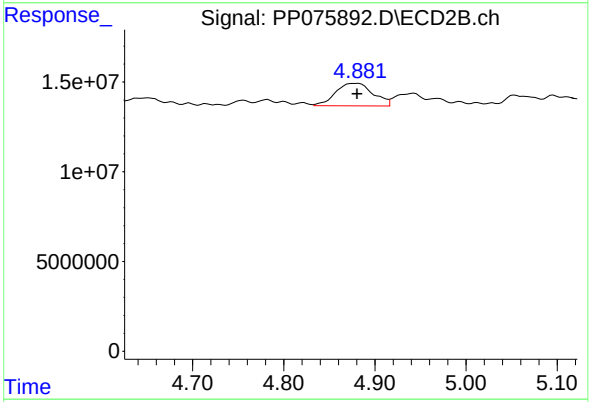
#3 AR-1016-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 3030132
Conc: 51.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

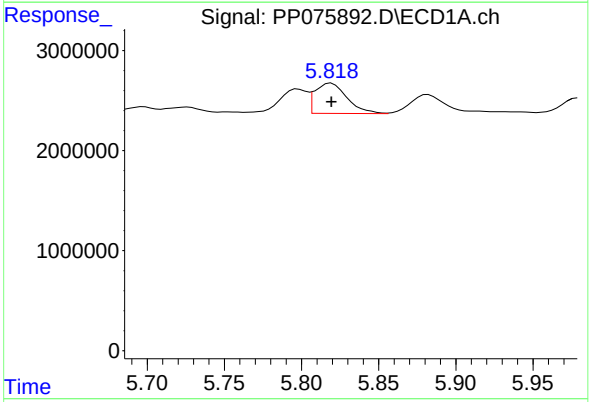
Manual Integrations APPROVED

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



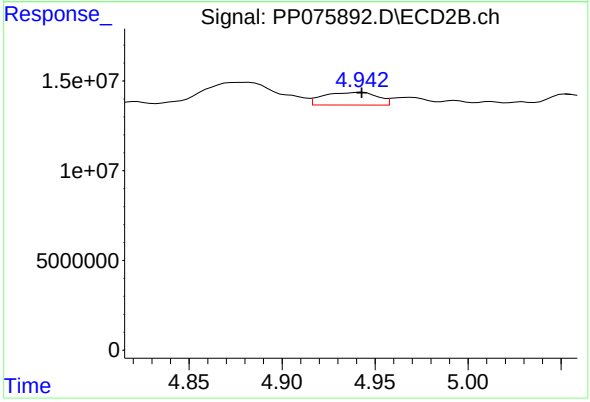
#3 AR-1016-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 35907453
Conc: 48.51 ng/ml



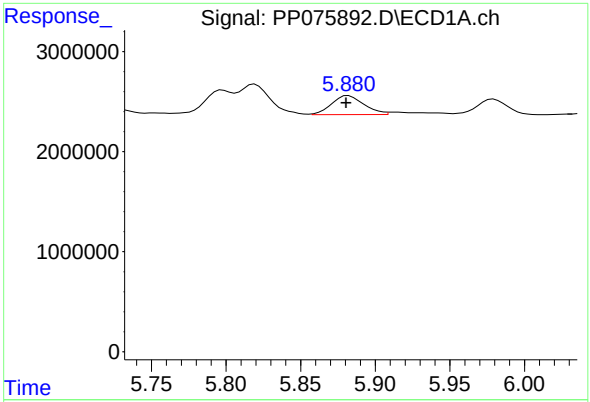
#4 AR-1016-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 4413506
Conc: 49.90 ng/ml



#4 AR-1016-2

R.T.: 4.943 min
Delta R.T.: 0.000 min
Response: 14284050
Conc: 41.77 ng/ml



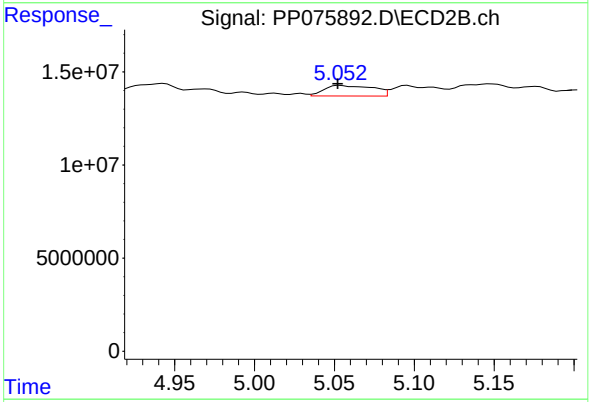
#5 AR-1016-3

R.T.: 5.880 min
Delta R.T.: 0.000 min
Response: 2846330
Conc: 50.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

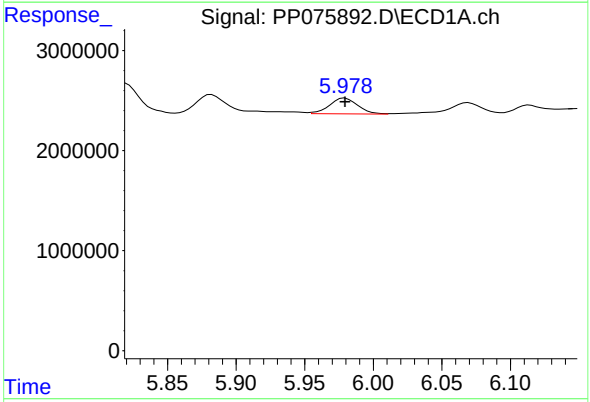
Manual Integrations APPROVED

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



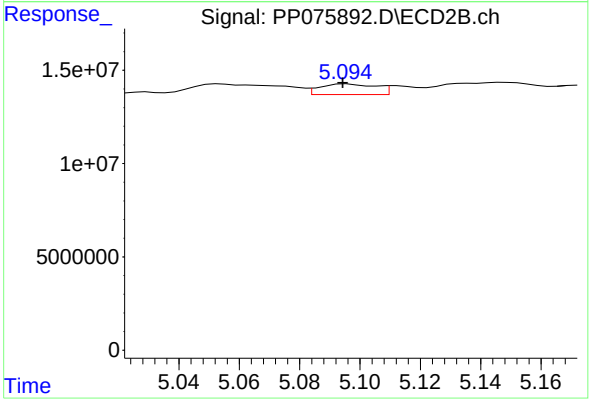
#5 AR-1016-3

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 11850858
Conc: 58.32 ng/ml m



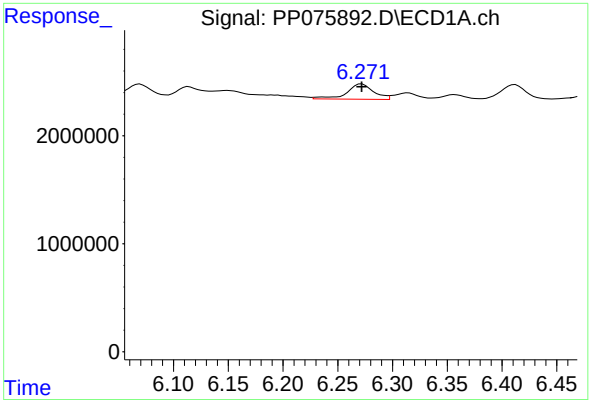
#6 AR-1016-4

R.T.: 5.978 min
Delta R.T.: -0.001 min
Response: 2262026
Conc: 48.65 ng/ml m



#6 AR-1016-4

R.T.: 5.094 min
Delta R.T.: 0.000 min
Response: 7830620
Conc: 42.00 ng/ml m



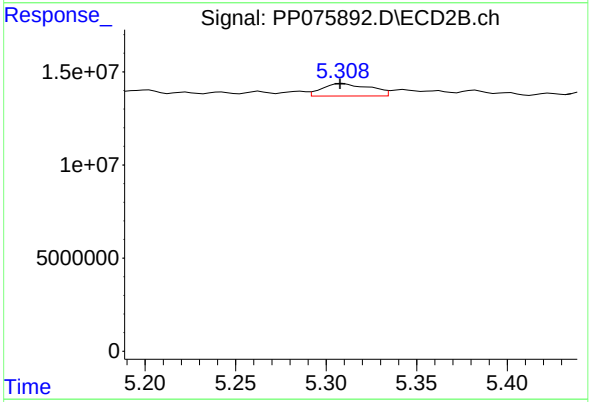
#7 AR-1016-5

R.T.: 6.272 min
Delta R.T.: 0.000 min
Response: 2432108
Conc: 56.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

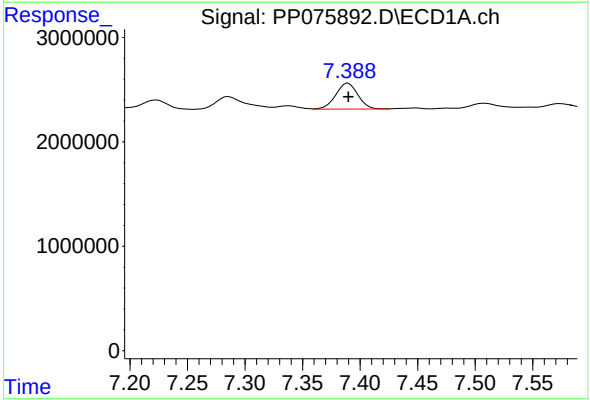
Manual Integrations APPROVED

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



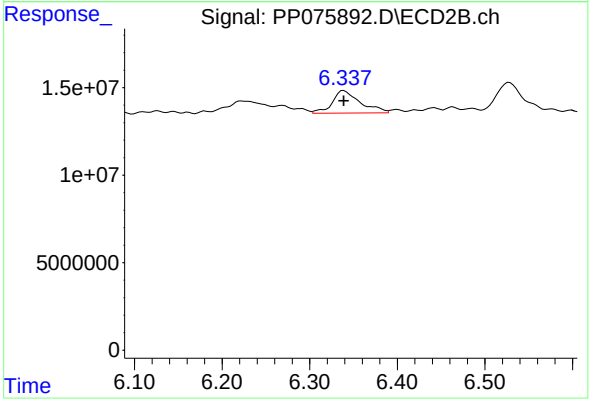
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: 0.000 min
Response: 12171962
Conc: 53.43 ng/ml m



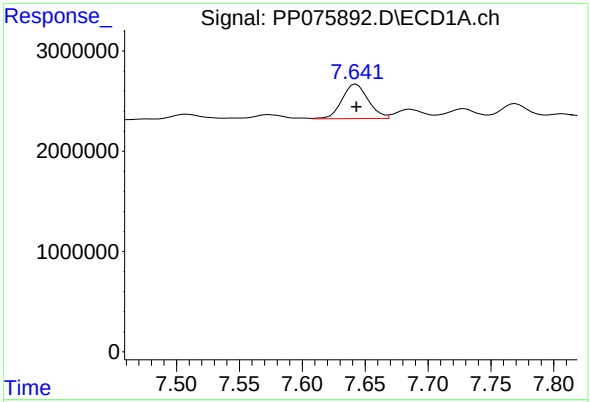
#31 AR-1260-1

R.T.: 7.390 min
Delta R.T.: 0.000 min
Response: 3328272
Conc: 48.41 ng/ml



#31 AR-1260-1

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 28532945
Conc: 52.10 ng/ml



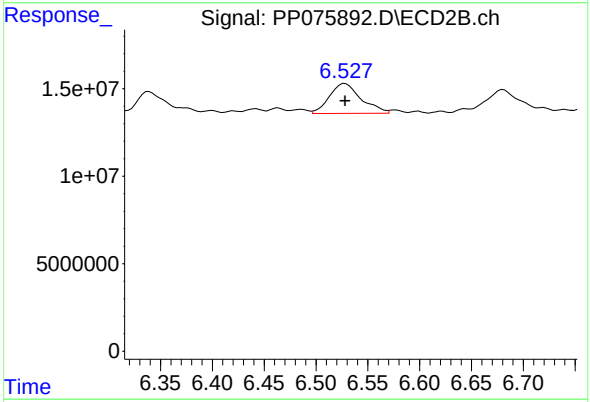
#32 AR-1260-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 4966284
Conc: 55.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

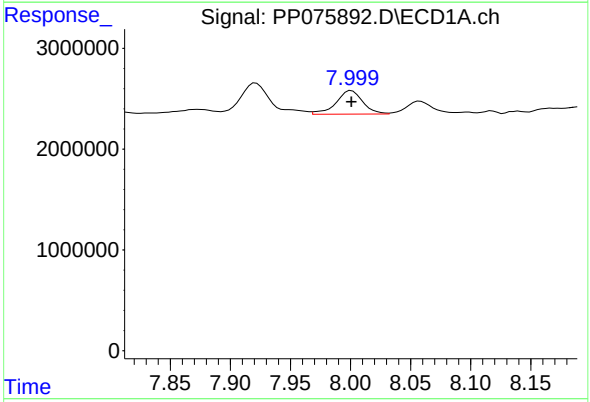
Manual Integrations APPROVED

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



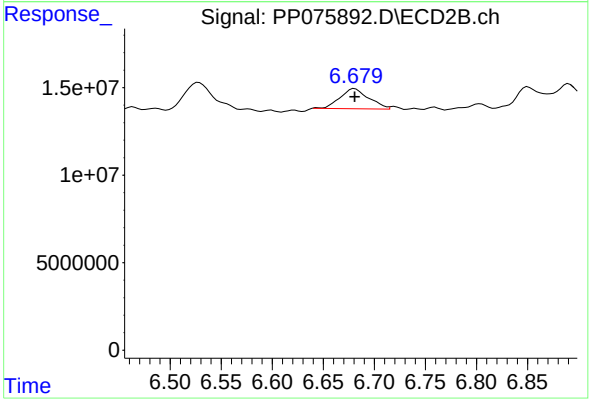
#32 AR-1260-2

R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 36370402
Conc: 44.70 ng/ml



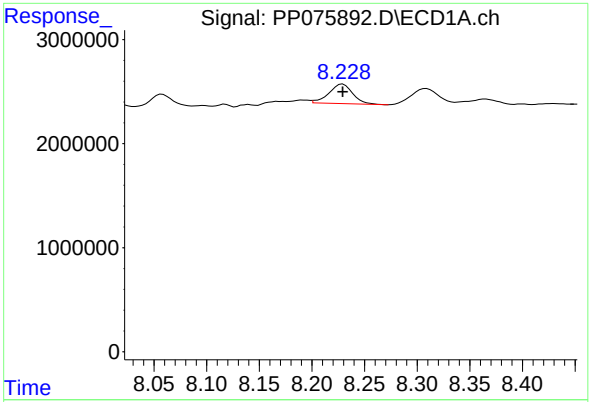
#33 AR-1260-3

R.T.: 8.001 min
Delta R.T.: 0.000 min
Response: 3609827
Conc: 52.10 ng/ml



#33 AR-1260-3

R.T.: 6.681 min
Delta R.T.: 0.000 min
Response: 22597431
Conc: 40.15 ng/ml



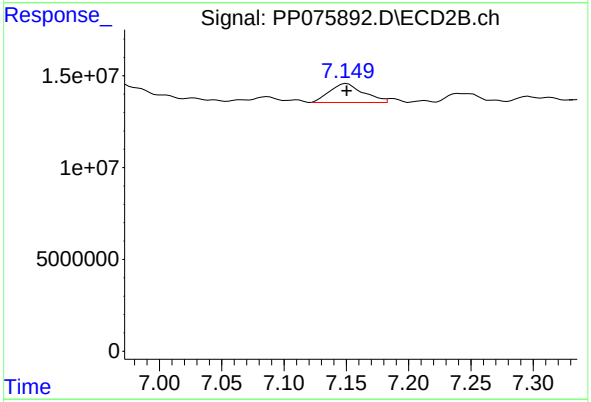
#34 AR-1260-4

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 2980037
Conc: 43.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

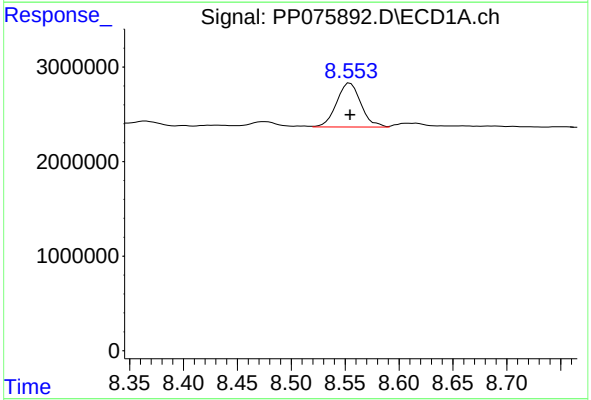
Manual Integrations APPROVED

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



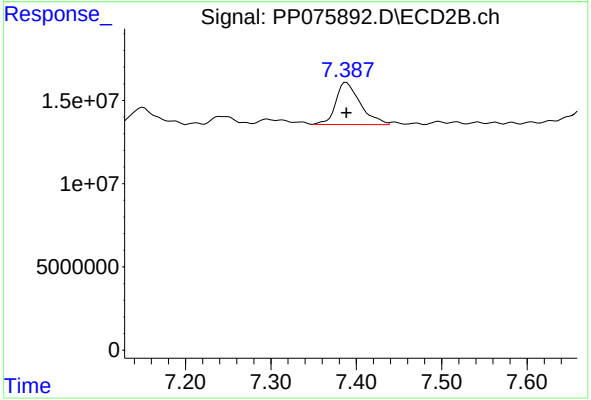
#34 AR-1260-4

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 19361634
Conc: 37.28 ng/ml



#35 AR-1260-5

R.T.: 8.555 min
Delta R.T.: 0.000 min
Response: 7332547
Conc: 49.56 ng/ml



#35 AR-1260-5

R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 50574953
Conc: 37.31 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

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

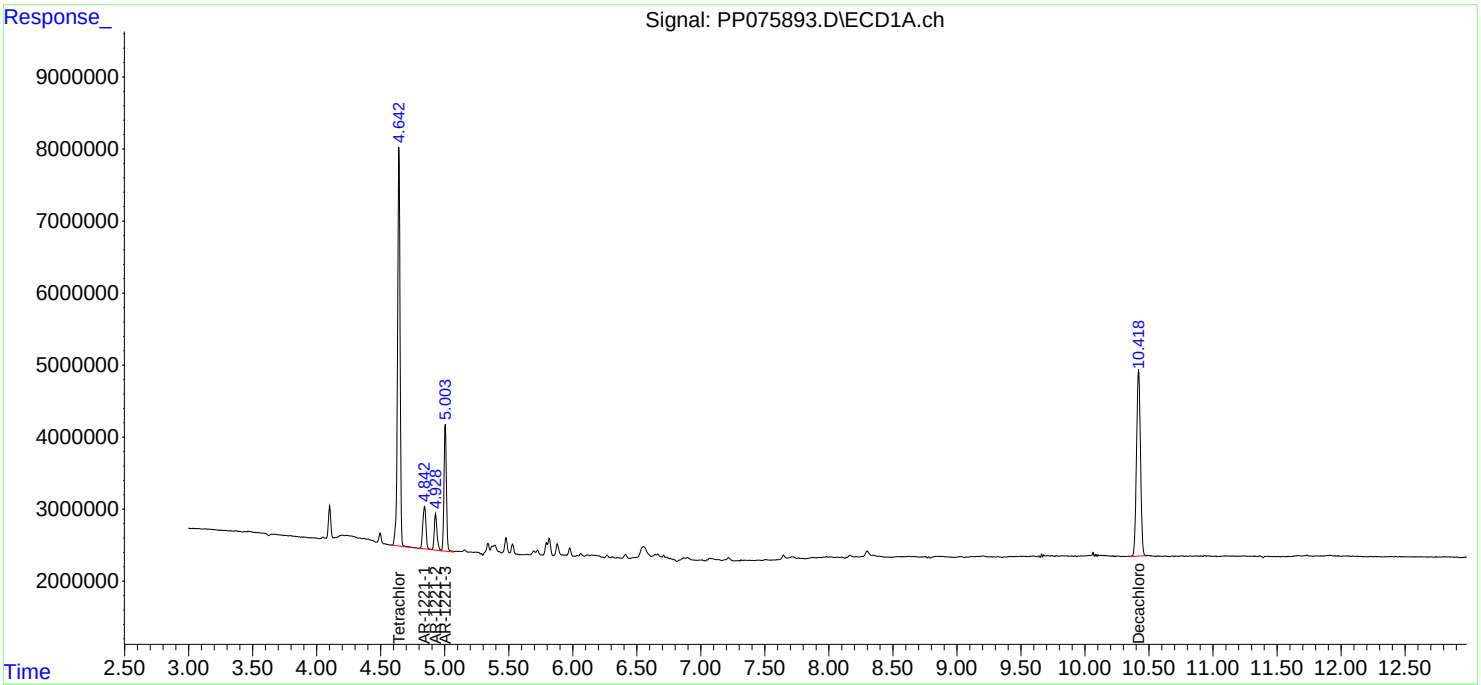
ICAL Form

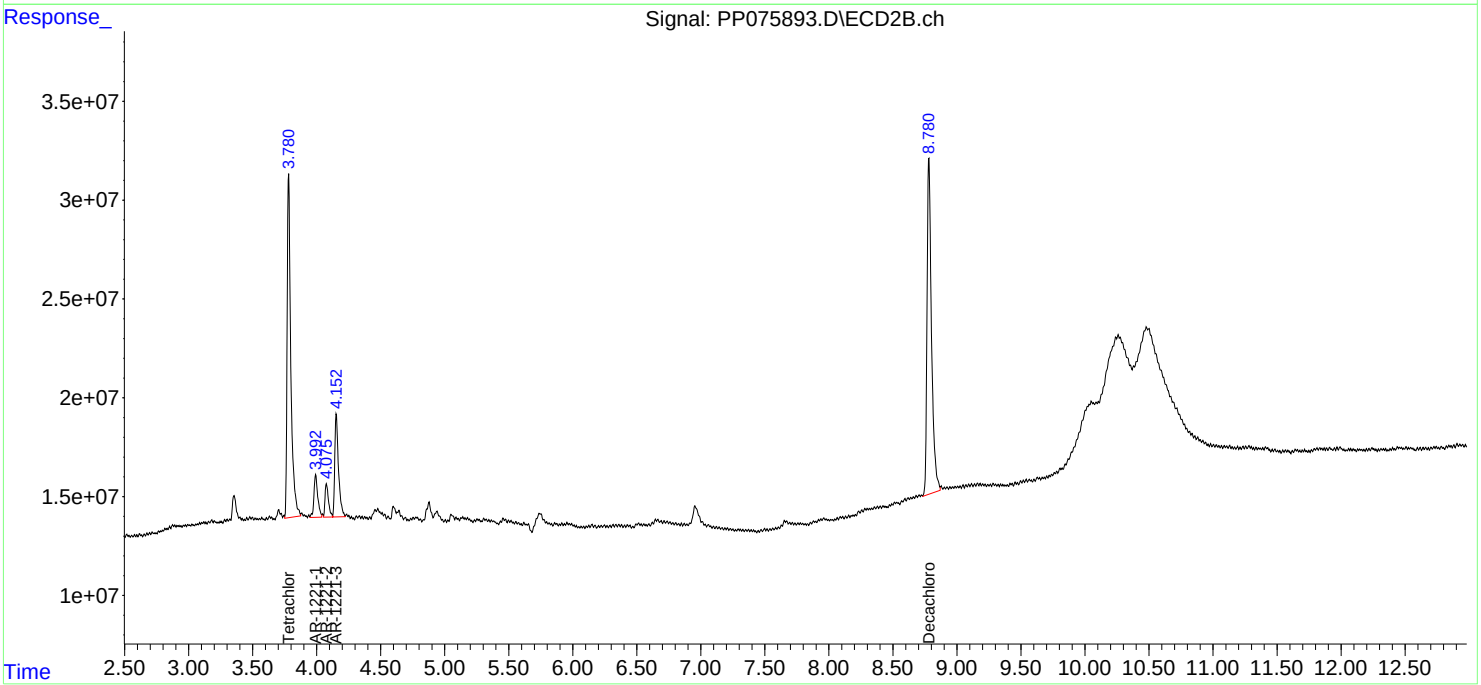
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075893.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 10:27
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

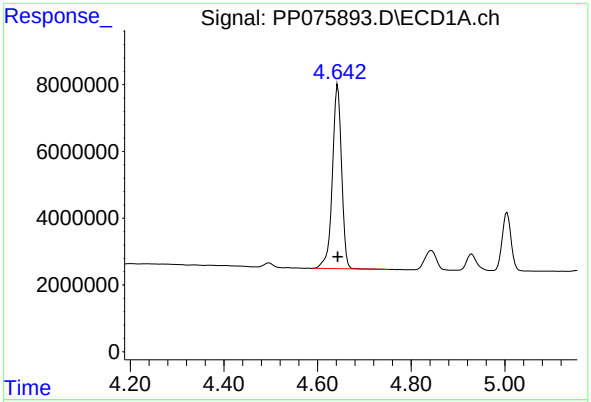
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:37:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



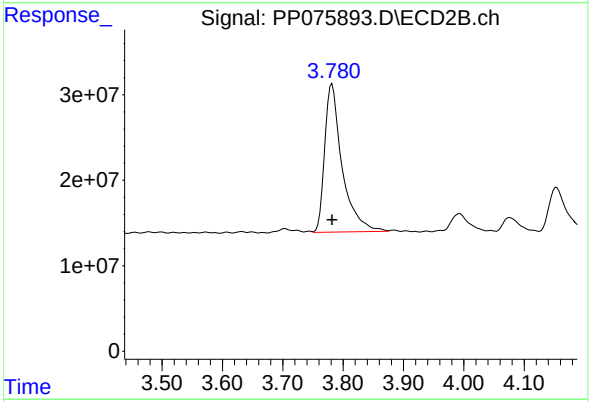




#1 Tetrachloro-m-xylene

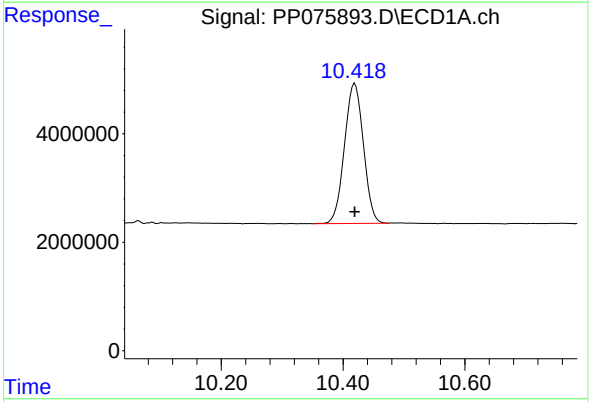
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 75268417
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



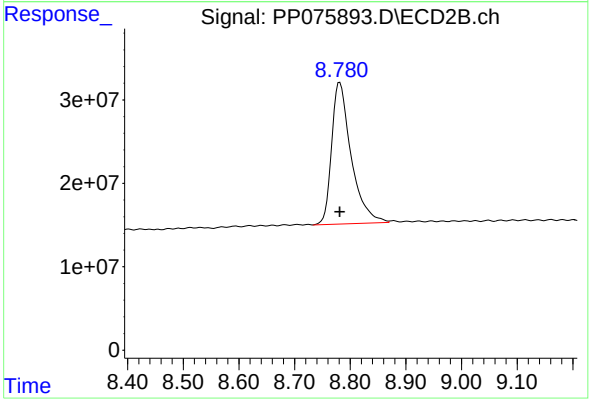
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 347933010
Conc: 50.00 ng/ml



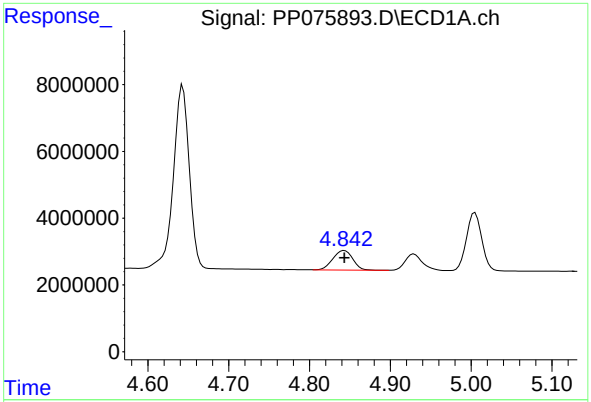
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 55765598
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

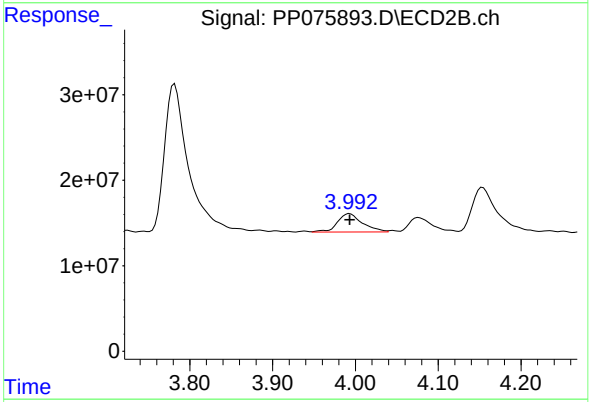
R.T.: 8.781 min
Delta R.T.: 0.000 min
Response: 413624380
Conc: 50.00 ng/ml



#8 AR-1221-1

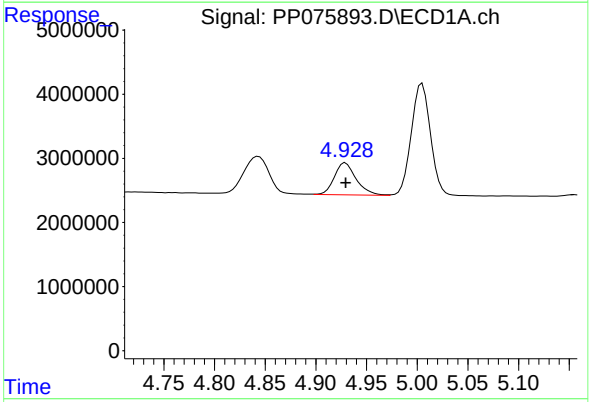
R.T.: 4.843 min
Delta R.T.: 0.000 min
Response: 10088314
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



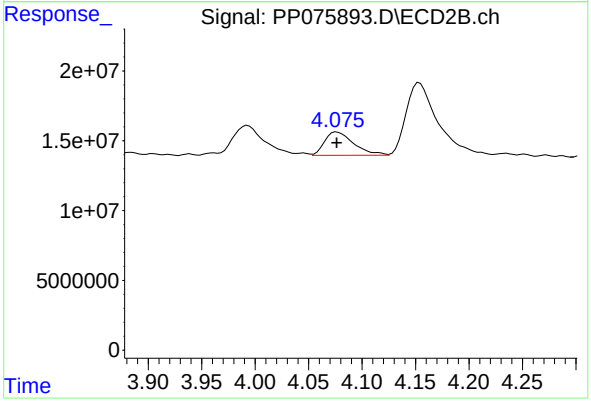
#8 AR-1221-1

R.T.: 3.993 min
Delta R.T.: 0.000 min
Response: 45004530
Conc: 500.00 ng/ml



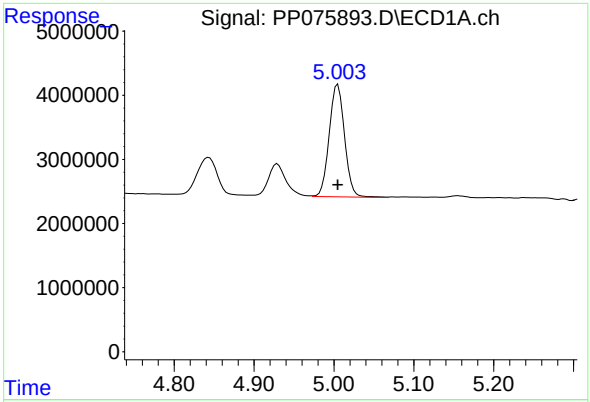
#9 AR-1221-2

R.T.: 4.929 min
Delta R.T.: 0.000 min
Response: 7530715
Conc: 500.00 ng/ml



#9 AR-1221-2

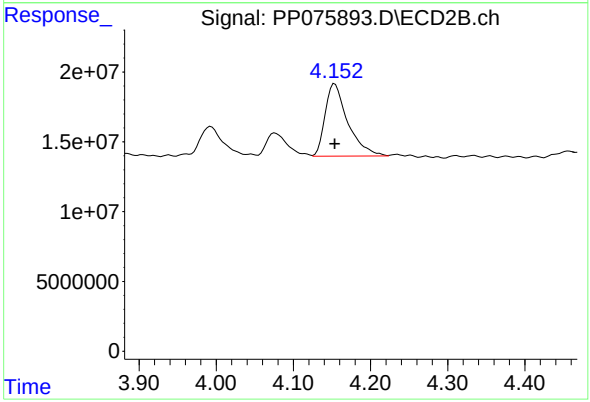
R.T.: 4.076 min
Delta R.T.: 0.000 min
Response: 31588869
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 5.005 min
Delta R.T.: 0.000 min
Response: 23457783
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 106017943
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

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

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

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.783	76762692	367.2E6	50.000	50.000
2)	SA Decachlor...	10.418	8.783	57573853	421.9E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	5.006	4.154	19657396	84022049	500.000	500.000
12)	L3 AR-1232-2	5.532	4.877	10313847	148.8E6	500.000	500.000
13)	L3 AR-1232-3	5.818	5.056	19319843	40883369	500.000	500.000
14)	L3 AR-1232-4	5.978	5.136	10086255	42471740	500.000	480.688m
15)	L3 AR-1232-5	6.068	5.311	7831441	50325540	500.000	500.000

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

ICAL Form

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

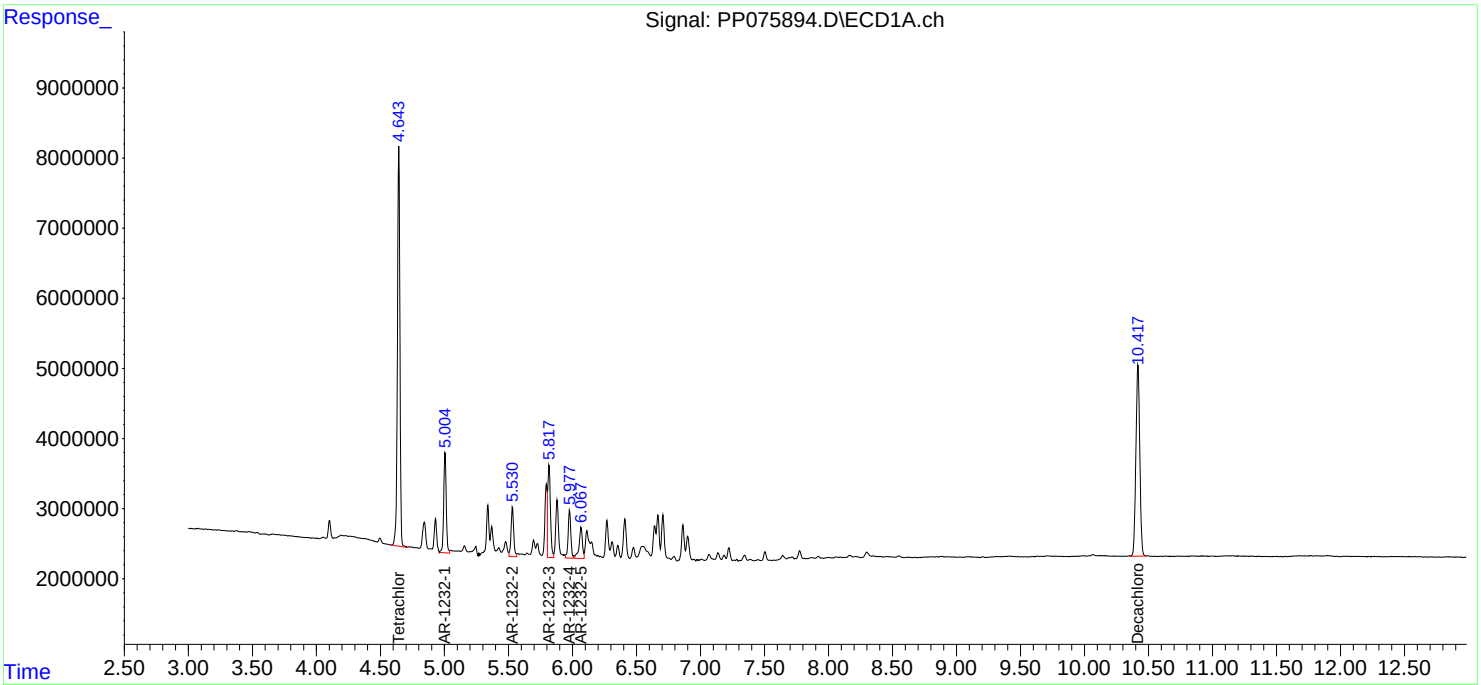
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

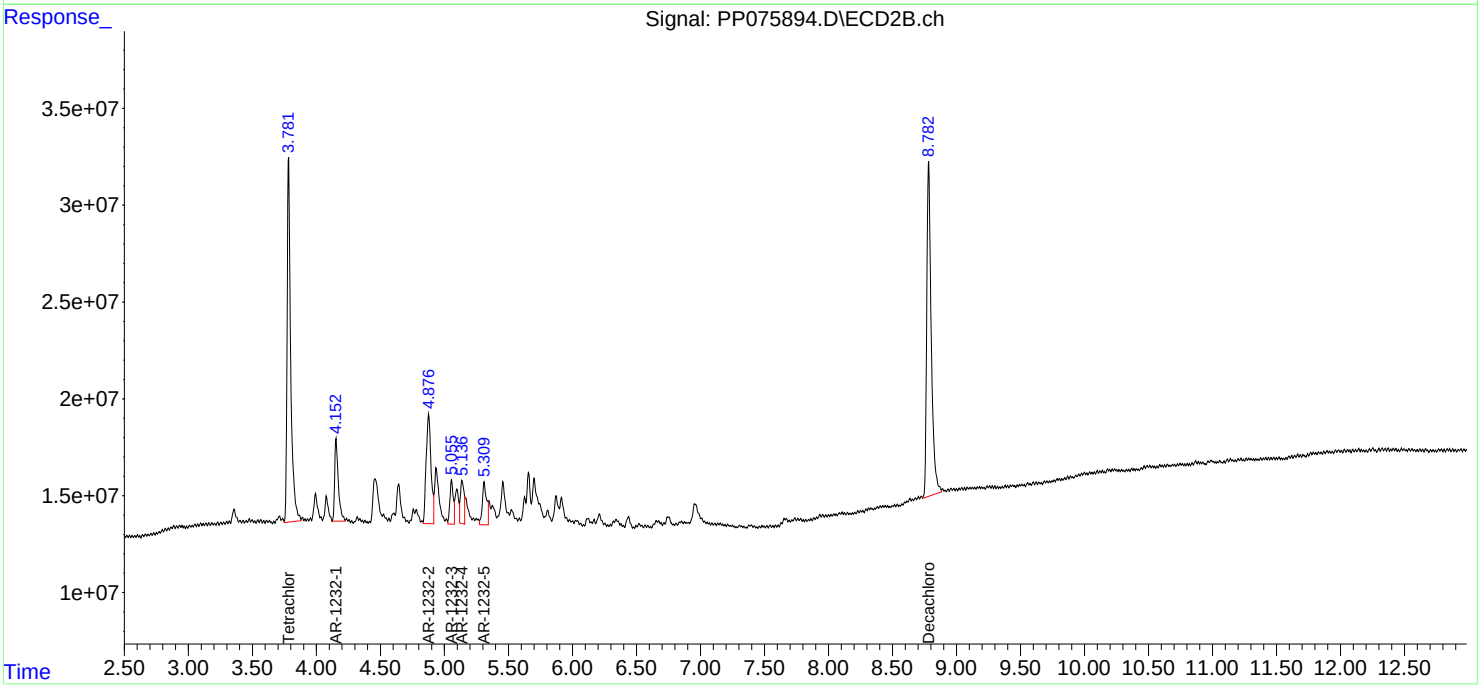
Manual Integrations APPROVED

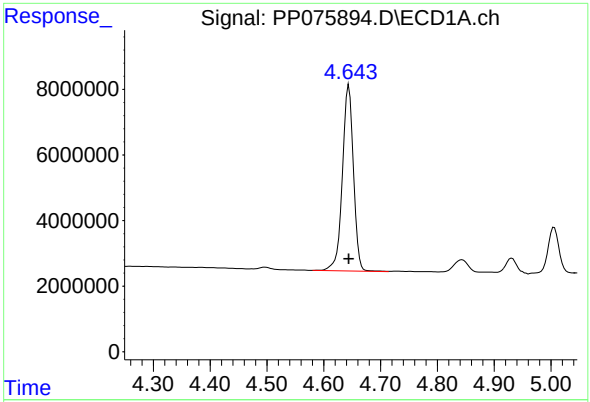
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







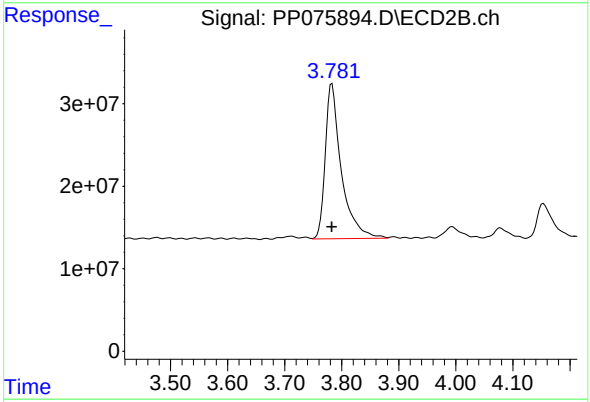
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 76762692
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

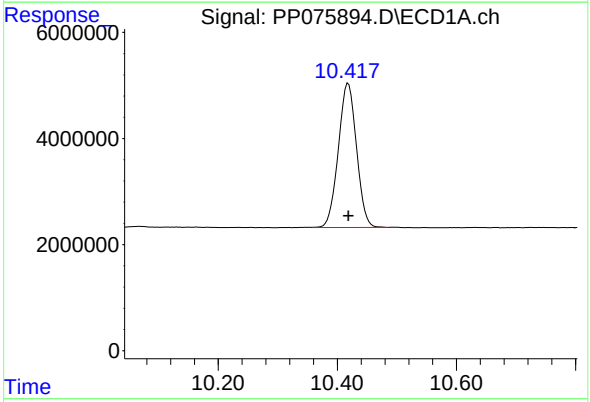
Manual Integrations APPROVED

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



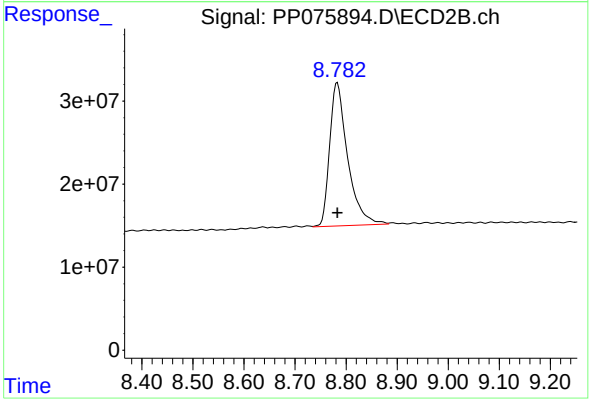
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 367179620
Conc: 50.00 ng/ml



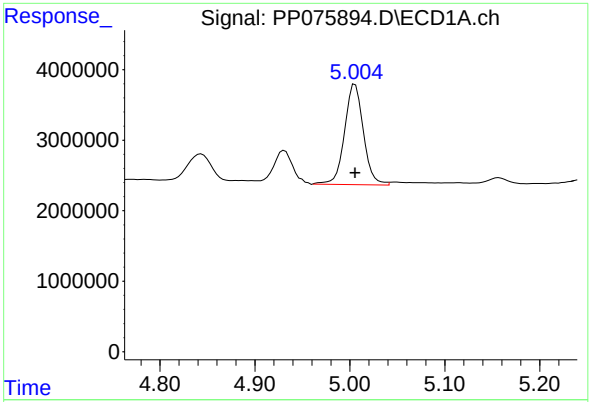
#2 Decachlorobiphenyl

R.T.: 10.418 min
Delta R.T.: 0.000 min
Response: 57573853
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 421908476
Conc: 50.00 ng/ml



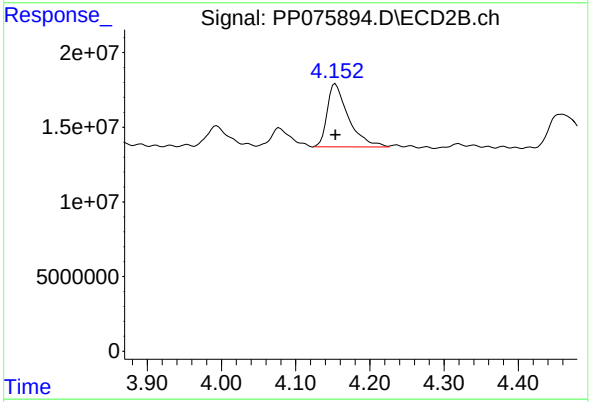
#11 AR-1232-1

R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 19657396
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

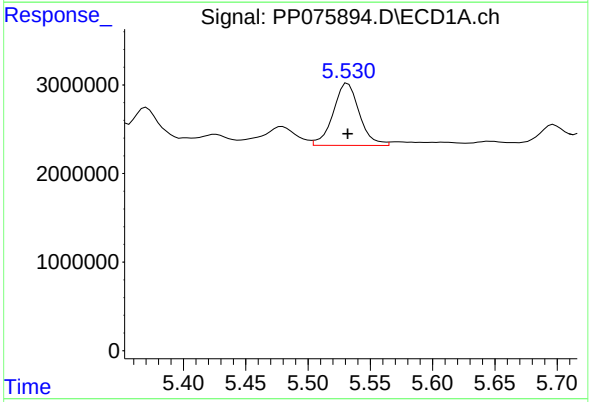
Manual Integrations APPROVED

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



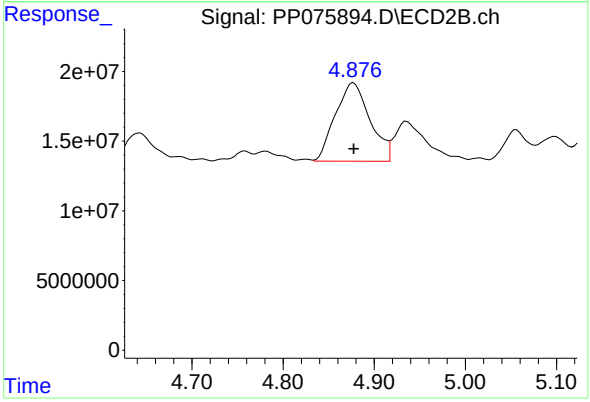
#11 AR-1232-1

R.T.: 4.154 min
Delta R.T.: 0.000 min
Response: 84022049
Conc: 500.00 ng/ml



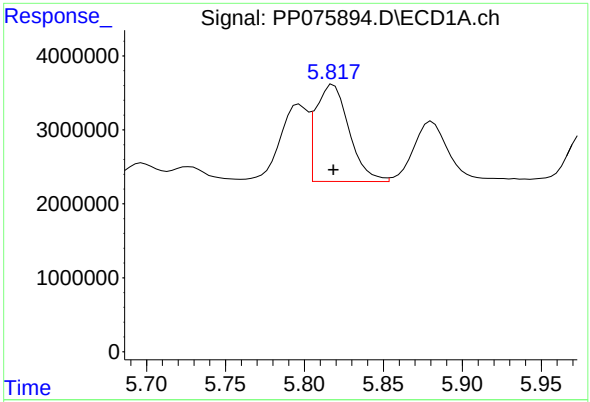
#12 AR-1232-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 10313847
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 148757988
Conc: 500.00 ng/ml



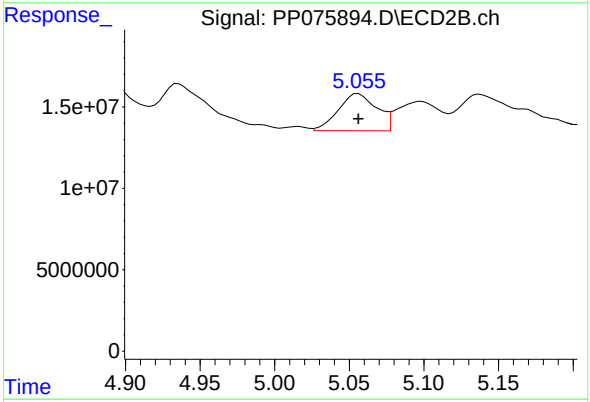
#13 AR-1232-3

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 19319843
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

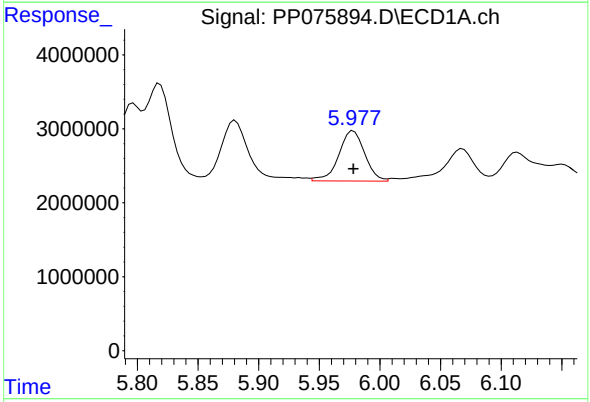
Manual Integrations APPROVED

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



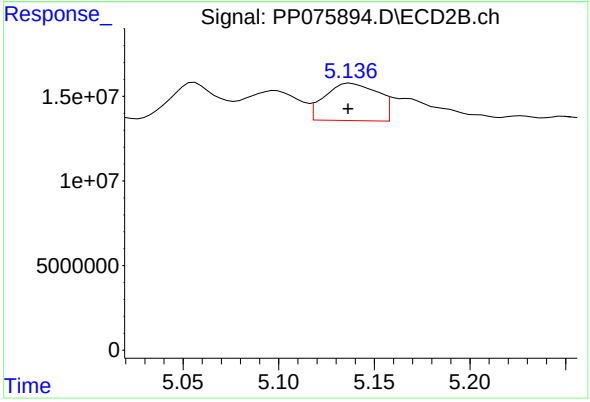
#13 AR-1232-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 40883369
Conc: 500.00 ng/ml



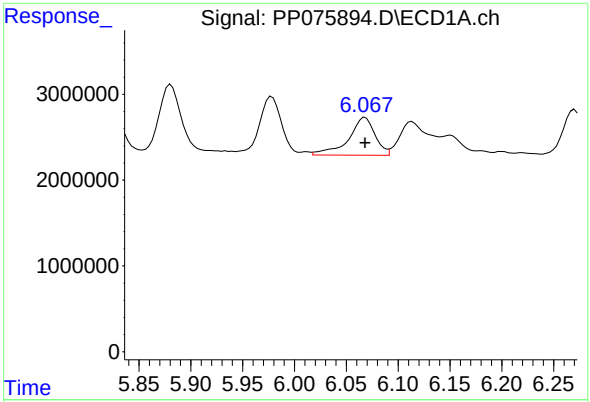
#14 AR-1232-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 10086255
Conc: 500.00 ng/ml



#14 AR-1232-4

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 42471740
Conc: 480.69 ng/ml m



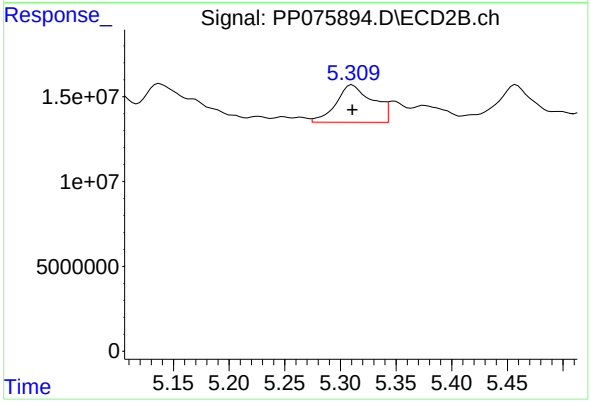
#15 AR-1232-5

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 7831441
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations APPROVED

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



#15 AR-1232-5

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 50325540
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	146.7E6	755.6E6	97.370	101.273
2)	SA Decachlor...	10.422	8.784	113.6E6	890.5E6	95.988	98.950
	Target Compounds						
16)	L4 AR-1242-1	5.799	4.880	44019933	571.1E6	960.145	977.263
17)	L4 AR-1242-2	5.820	4.938	64942800	271.6E6	955.587	968.789
18)	L4 AR-1242-3	5.882	5.058	40140584	148.4E6	947.491	955.722
19)	L4 AR-1242-4	5.980	5.140	33543618	195.3E6	958.879	946.968m
20)	L4 AR-1242-5	6.710	5.660	36405140	229.6E6	929.963	969.155

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

ICAL Form

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

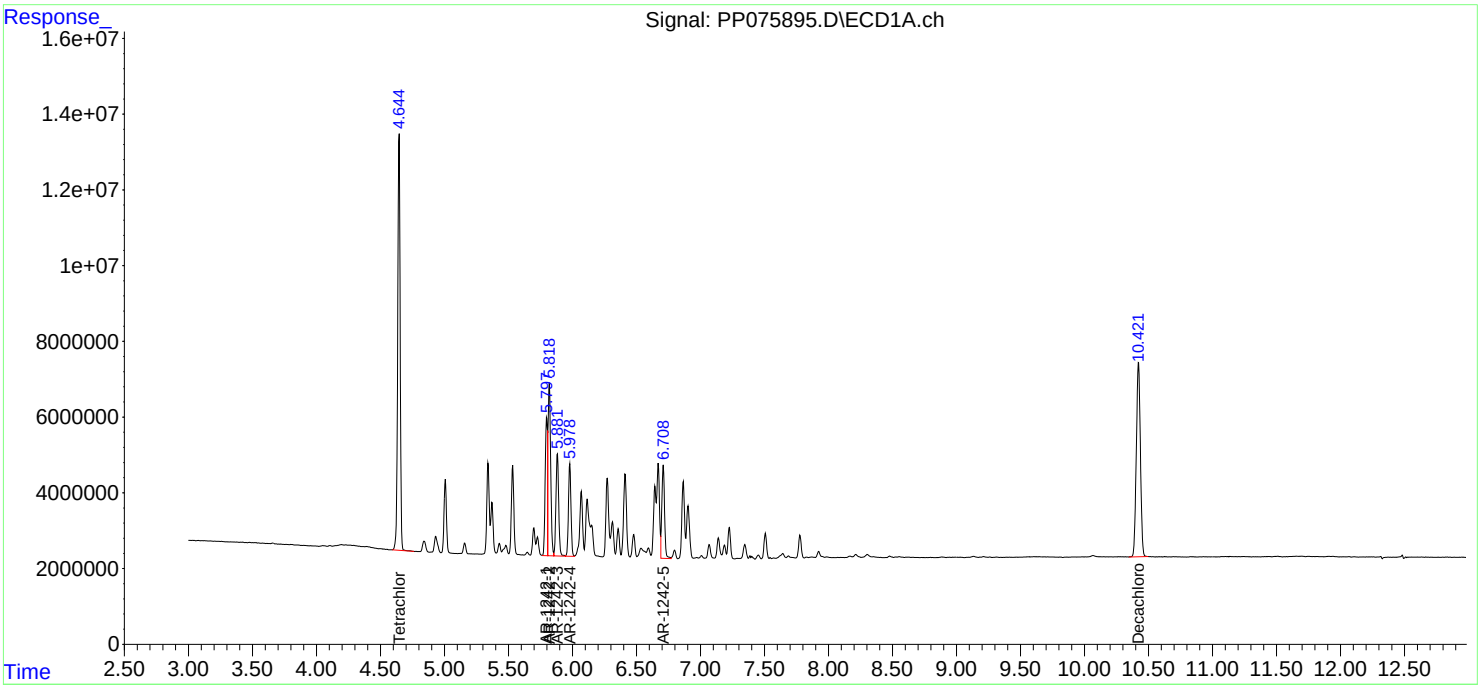
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

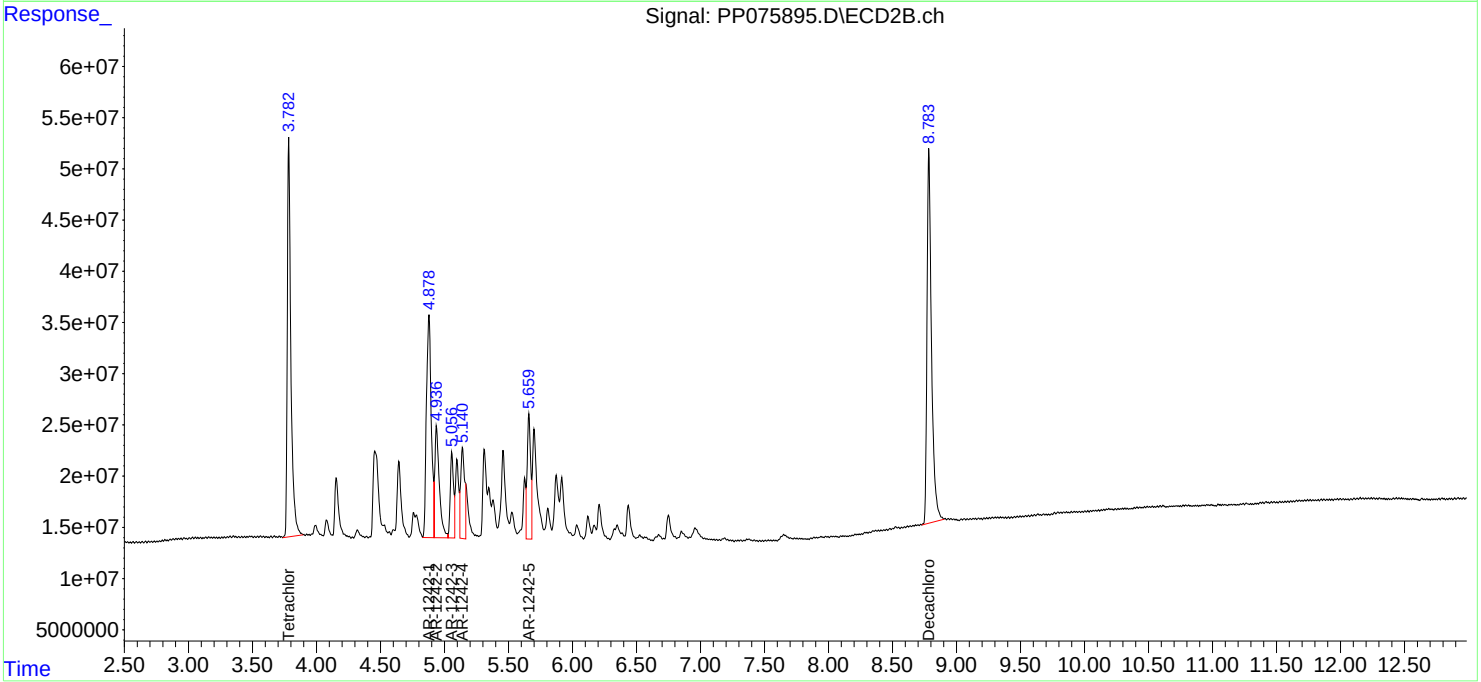
Manual Integrations APPROVED

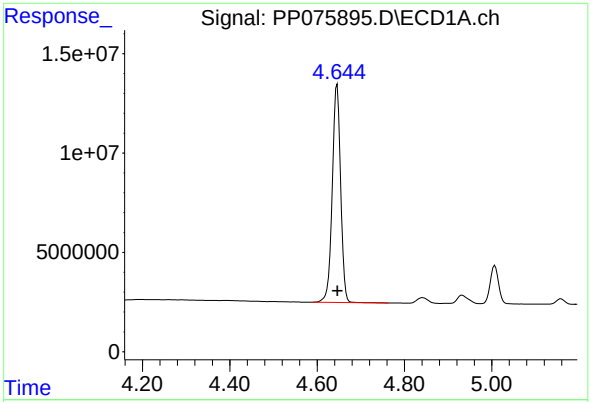
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:57:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







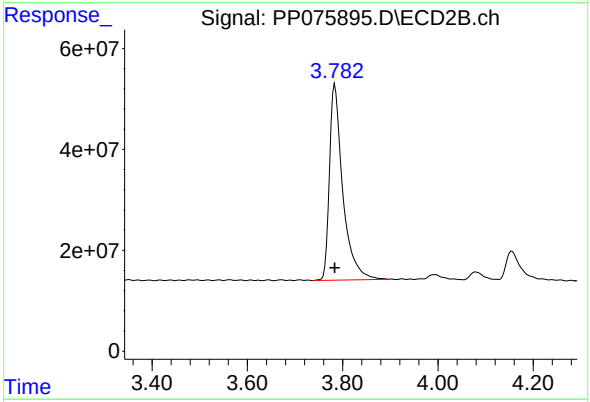
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 146660157
Conc: 97.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

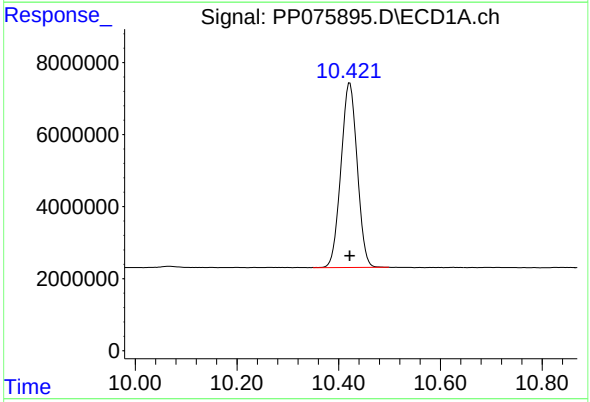
Manual Integrations APPROVED

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



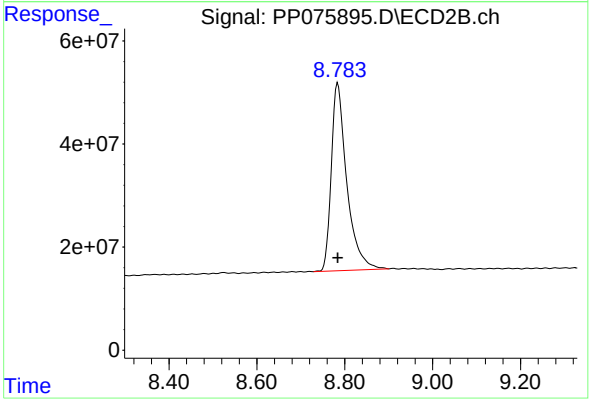
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 755613375
Conc: 101.27 ng/ml



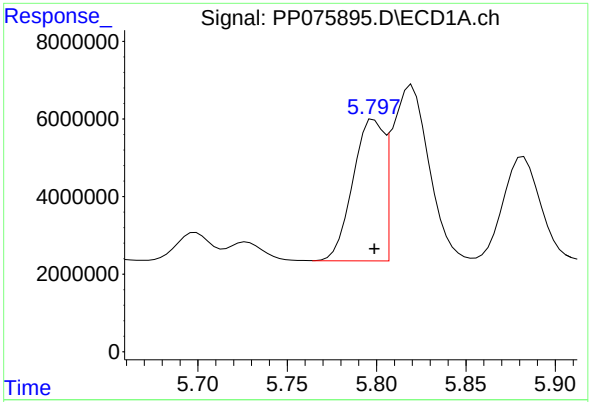
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 113628090
Conc: 95.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 890508065
Conc: 98.95 ng/ml



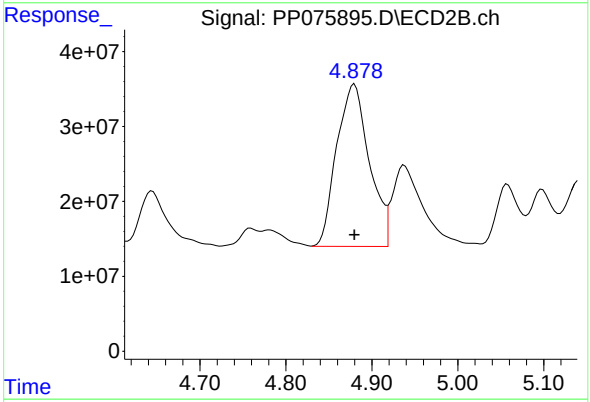
#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 44019933
Conc: 960.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

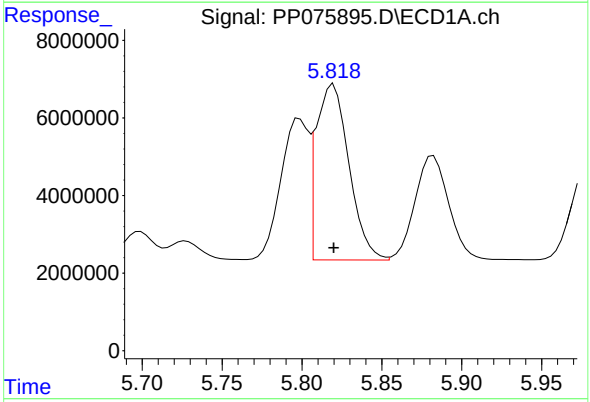
Manual Integrations APPROVED

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



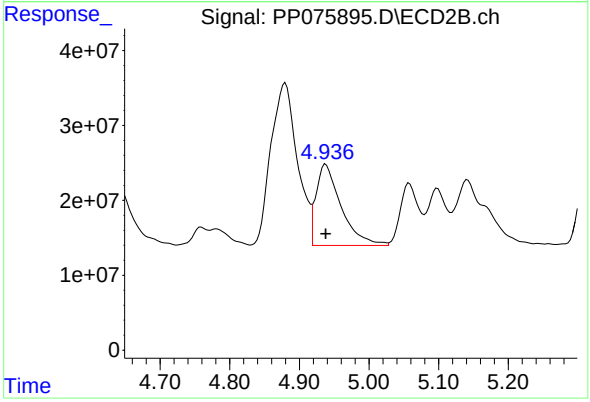
#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 571147464
Conc: 977.26 ng/ml



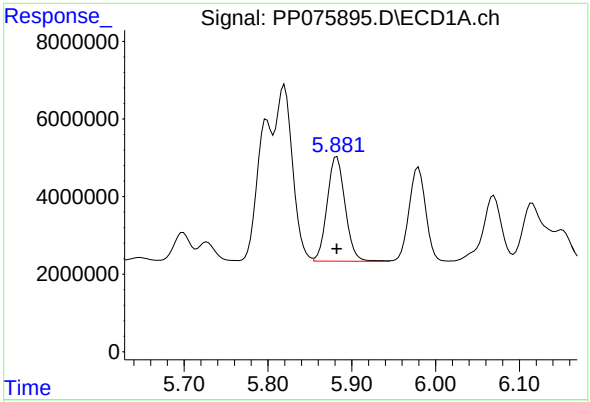
#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 64942800
Conc: 955.59 ng/ml



#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 271622570
Conc: 968.79 ng/ml



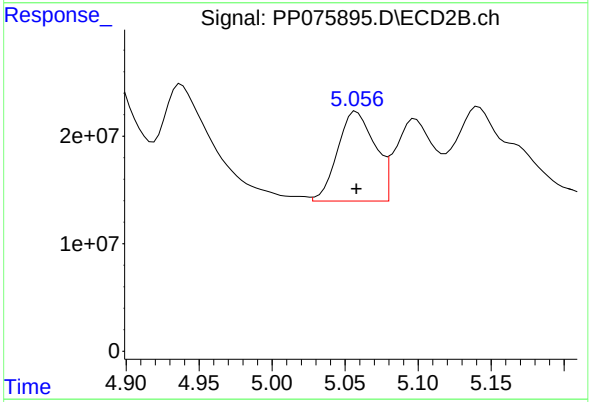
#18 AR-1242-3

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 40140584
Conc: 947.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

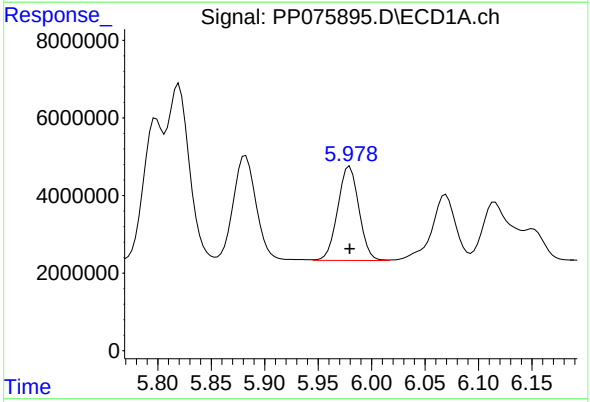
Manual Integrations APPROVED

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



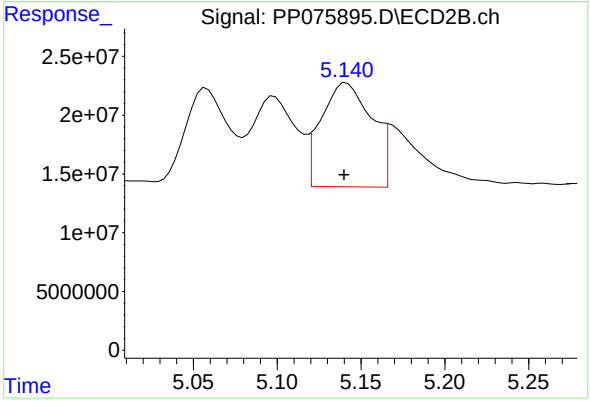
#18 AR-1242-3

R.T.: 5.058 min
Delta R.T.: 0.000 min
Response: 148417684
Conc: 955.72 ng/ml



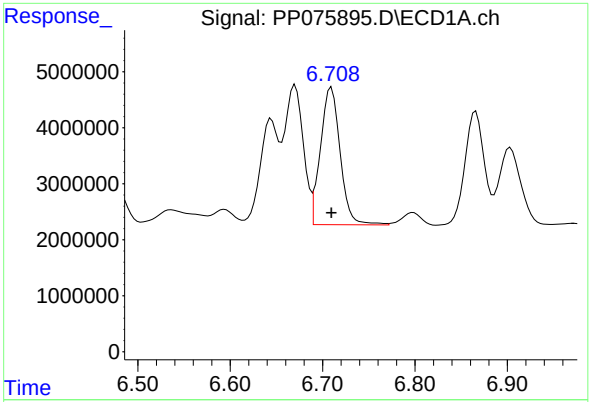
#19 AR-1242-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 33543618
Conc: 958.88 ng/ml



#19 AR-1242-4

R.T.: 5.140 min
Delta R.T.: 0.000 min
Response: 195275059
Conc: 946.97 ng/ml m



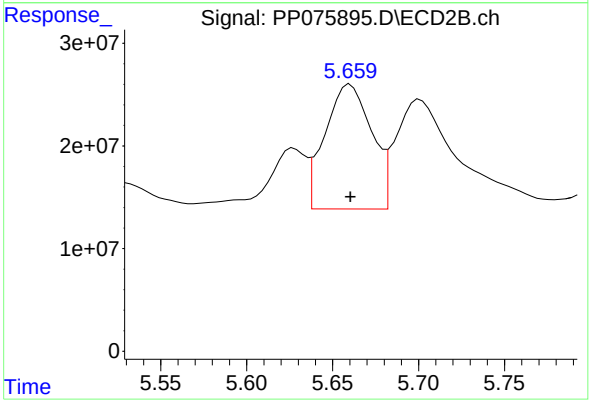
#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 36405140
Conc: 929.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 229588702
Conc: 969.16 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.782	113.4E6	556.3E6	75.213	74.705
2)	SA Decachlor...	10.420	8.782	90695948	674.5E6	76.069	74.966
	Target Compounds						
16)	L4 AR-1242-1	5.797	4.877	34736600	441.3E6	755.090	753.335
17)	L4 AR-1242-2	5.818	4.936	50786803	202.9E6	748.192	732.177
18)	L4 AR-1242-3	5.881	5.056	31533573	113.0E6	746.210	735.014
19)	L4 AR-1242-4	5.978	5.138	26371655	143.6E6	752.570	715.813m
20)	L4 AR-1242-5	6.708	5.658	28996717	177.7E6	743.785	750.134

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

ICAL Form

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

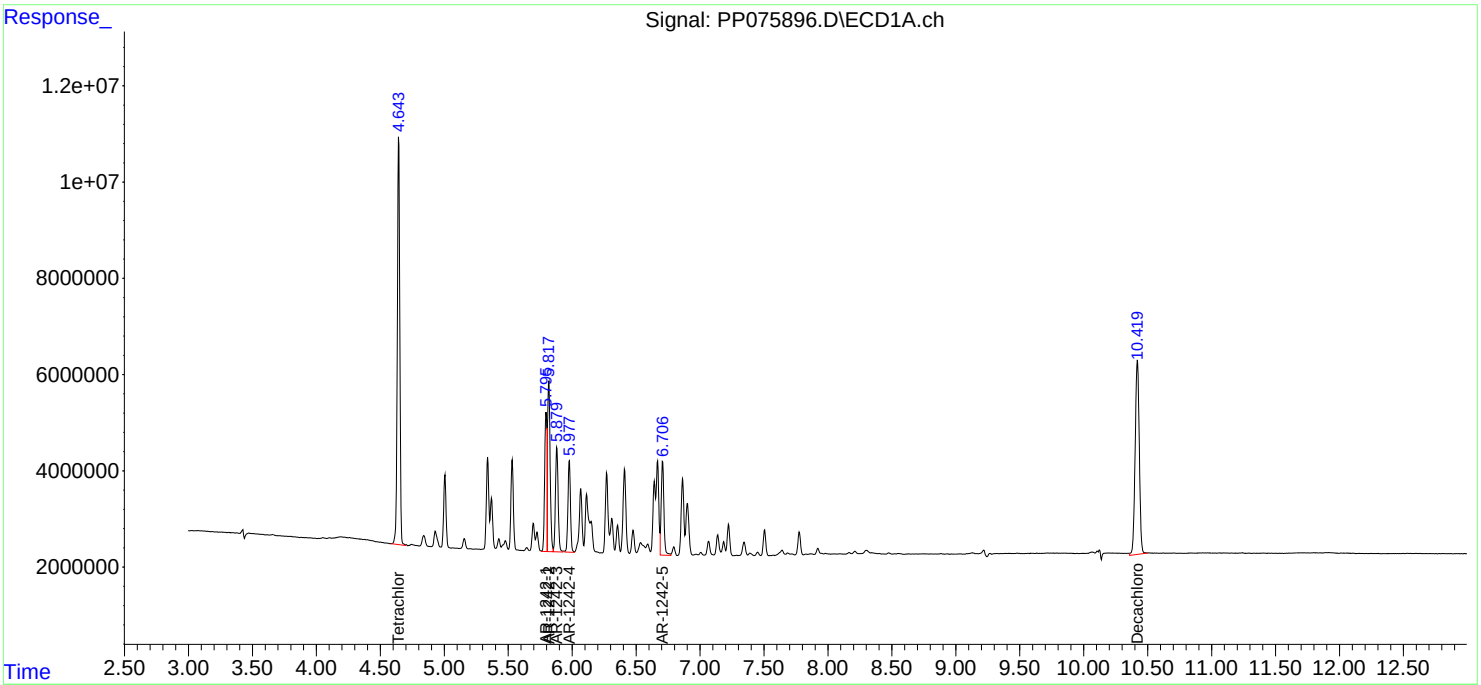
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

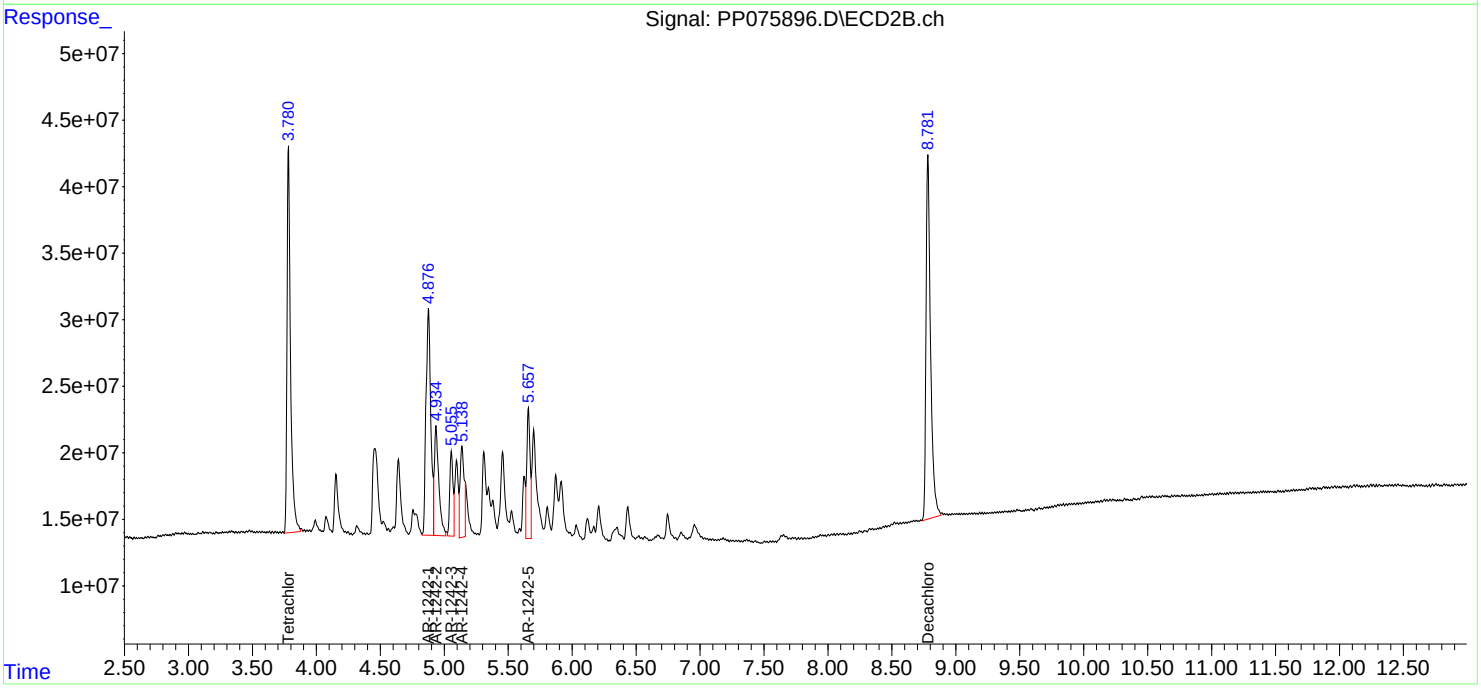
Manual Integrations APPROVED

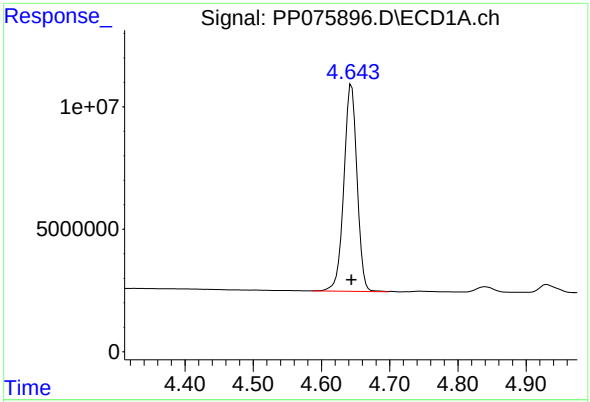
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:03:07 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







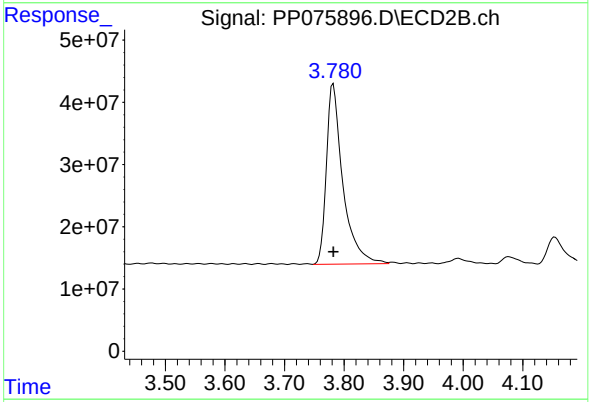
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 113448643
Conc: 75.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

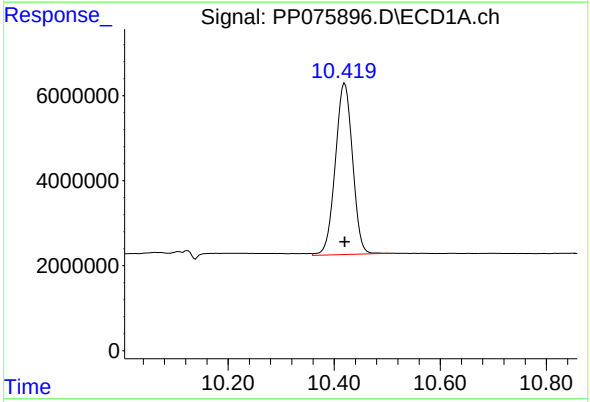
Manual Integrations APPROVED

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



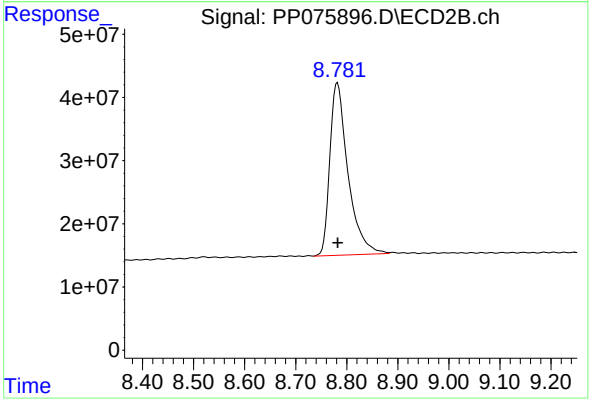
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 556289431
Conc: 74.70 ng/ml



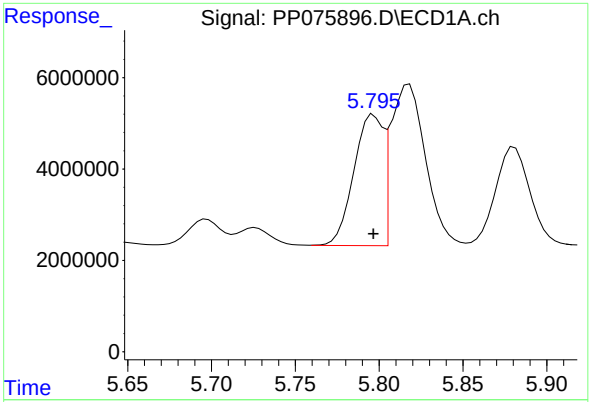
#2 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: 0.000 min
Response: 90695948
Conc: 76.07 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 674506043
Conc: 74.97 ng/ml



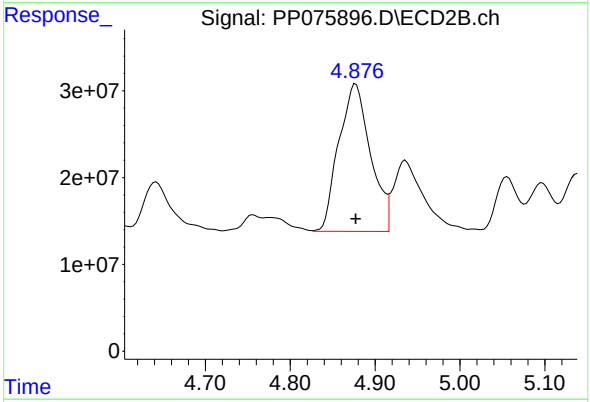
#16 AR-1242-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 34736600
Conc: 755.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

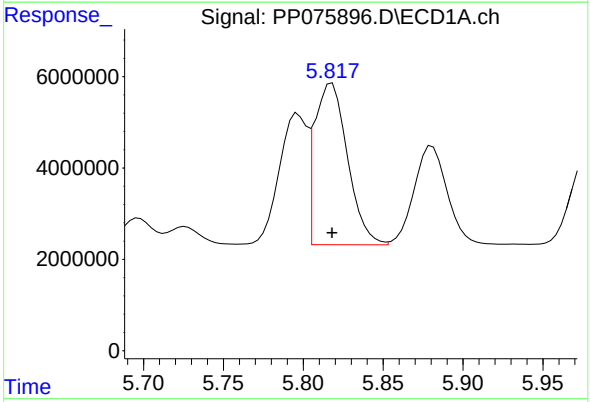
Manual Integrations APPROVED

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



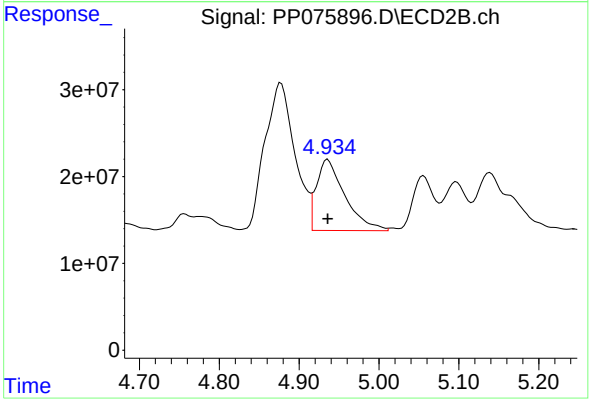
#16 AR-1242-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 441256485
Conc: 753.33 ng/ml



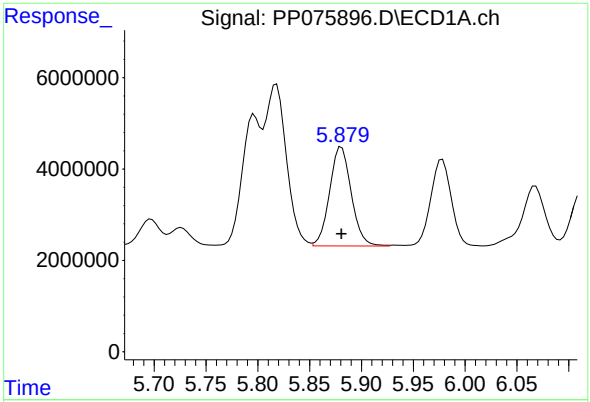
#17 AR-1242-2

R.T.: 5.818 min
Delta R.T.: 0.000 min
Response: 50786803
Conc: 748.19 ng/ml



#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 202872100
Conc: 732.18 ng/ml



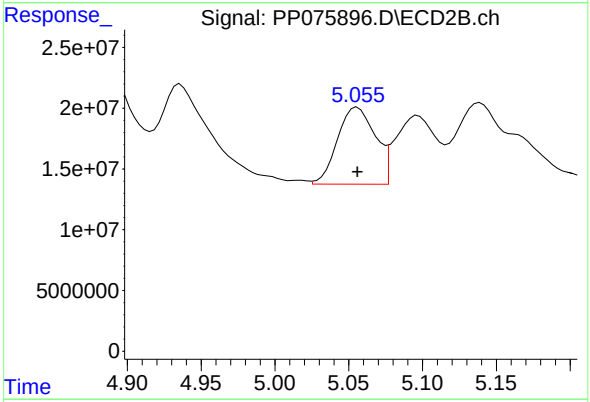
#18 AR-1242-3

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 31533573
Conc: 746.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

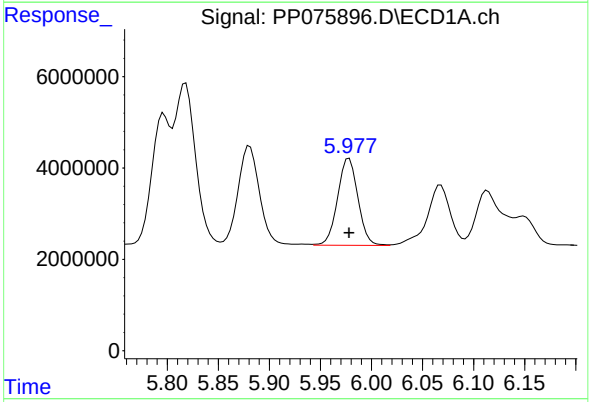
Manual Integrations APPROVED

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



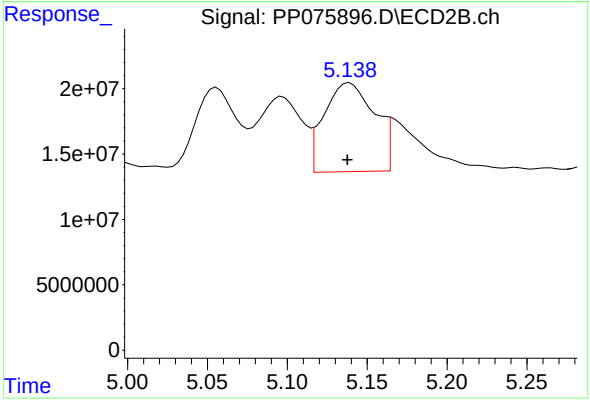
#18 AR-1242-3

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 113013930
Conc: 735.01 ng/ml



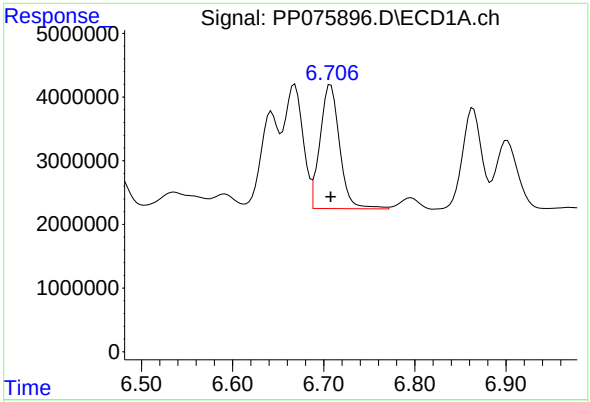
#19 AR-1242-4

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 26371655
Conc: 752.57 ng/ml



#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 143587580
Conc: 715.81 ng/ml m



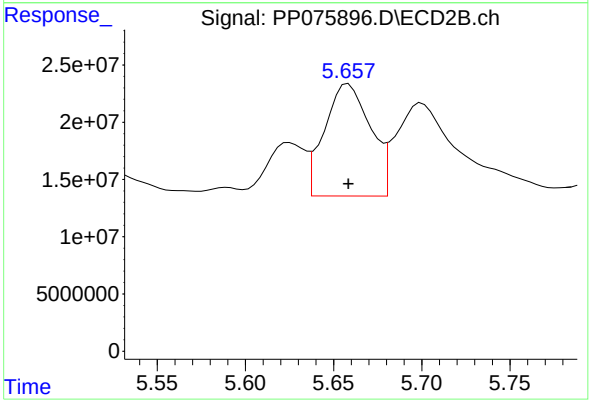
#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 28996717
Conc: 743.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 177719313
Conc: 750.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.784	77291283	368.3E6	50.000	50.000
2)	SA Decachlor...	10.422	8.785	61563948	454.7E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	5.799	4.880	23837208	298.9E6	498.805	500.000
17)	L4 AR-1242-2	5.821	4.938	35489778	144.6E6	500.000	500.000
18)	L4 AR-1242-3	5.884	5.059	22294823	81084867	500.000	500.000
19)	L4 AR-1242-4	5.981	5.141	18210300	105.4E6	500.000	515.181m
20)	L4 AR-1242-5	6.710	5.660	20944311	122.1E6	500.000	500.000

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

ICAL Form

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

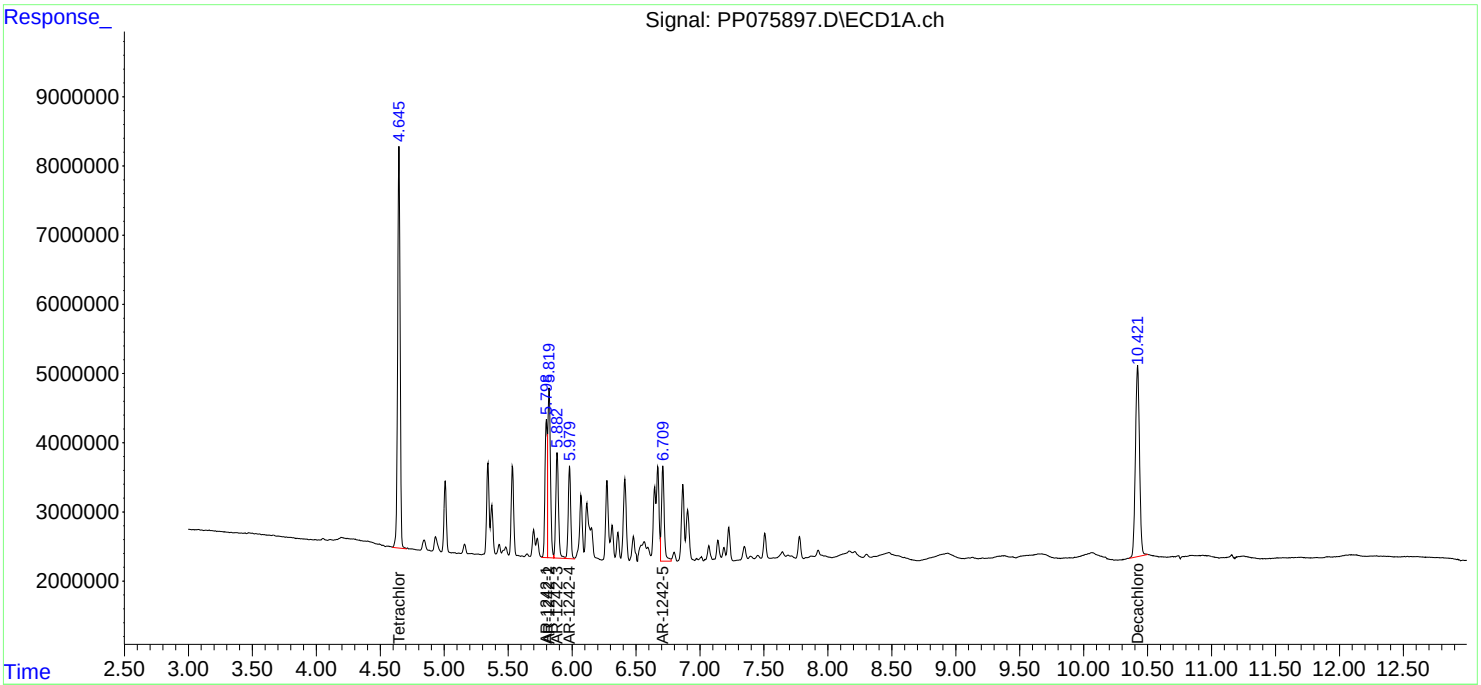
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

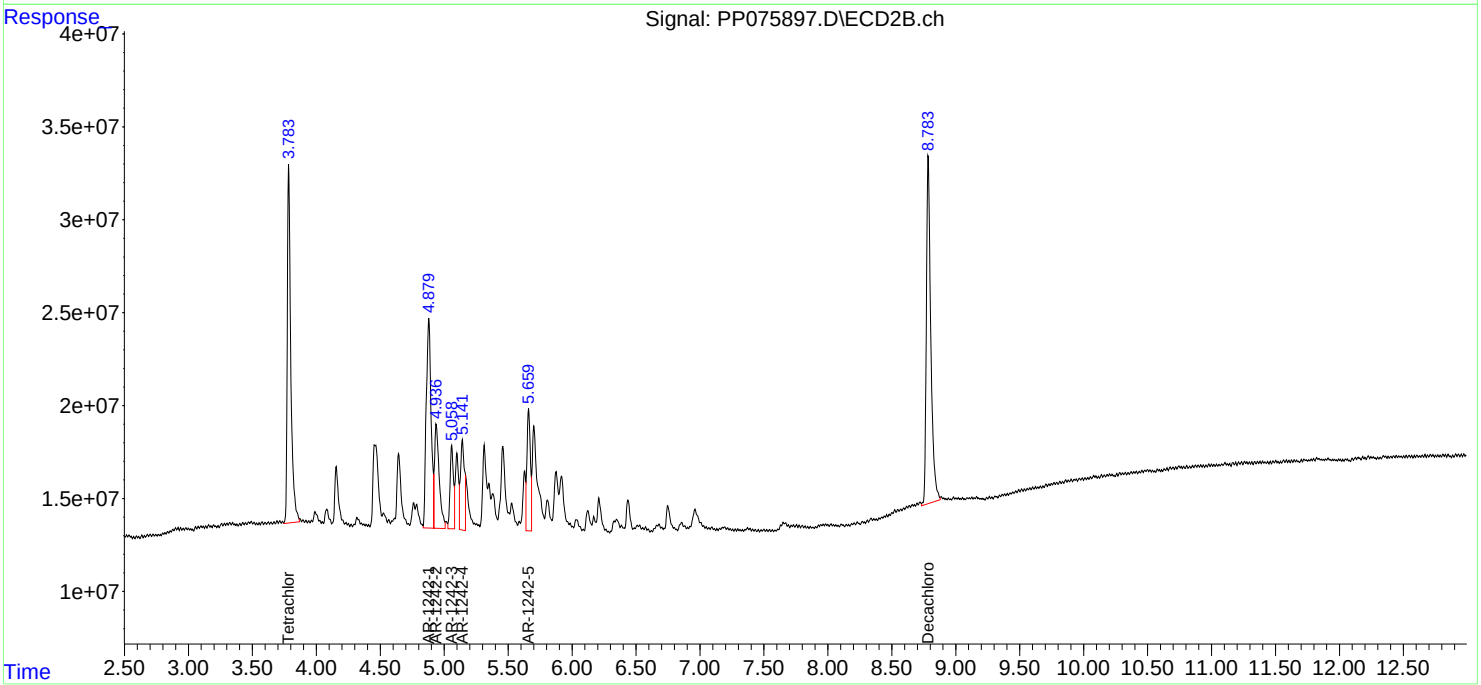
Manual Integrations APPROVED

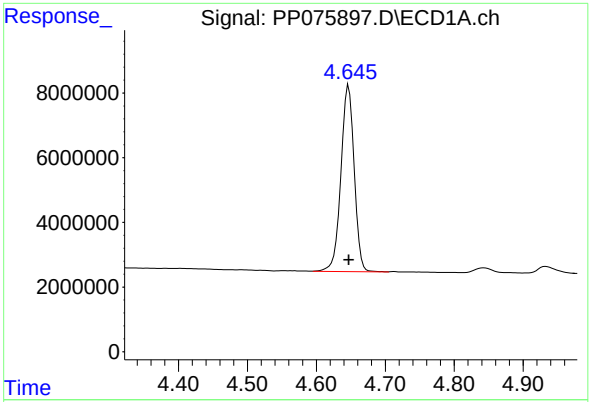
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:54:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







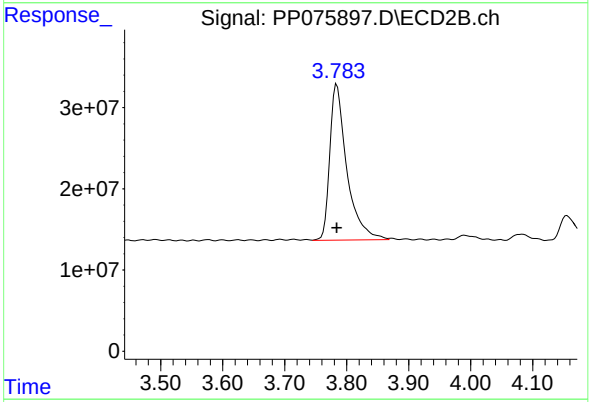
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 77291283
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

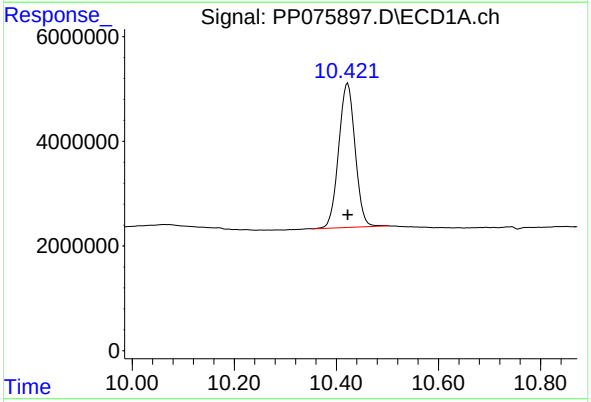
Manual Integrations APPROVED

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



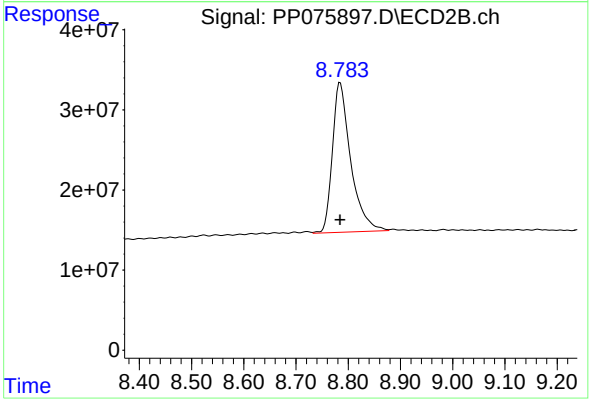
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 368310366
Conc: 50.00 ng/ml



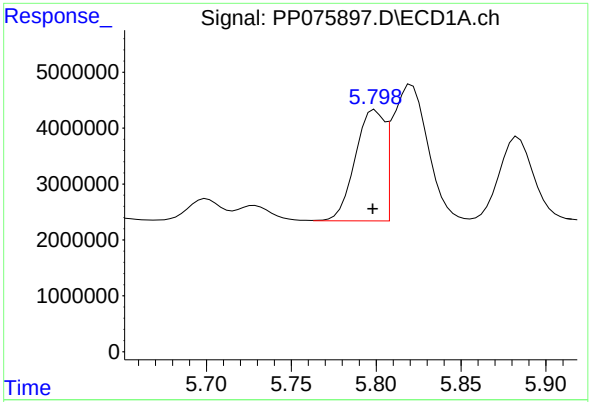
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 61563948
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 454707843
Conc: 50.00 ng/ml



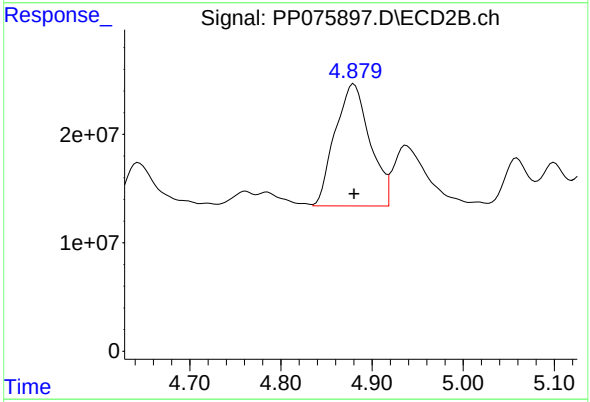
#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.001 min
Response: 23837208
Conc: 498.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

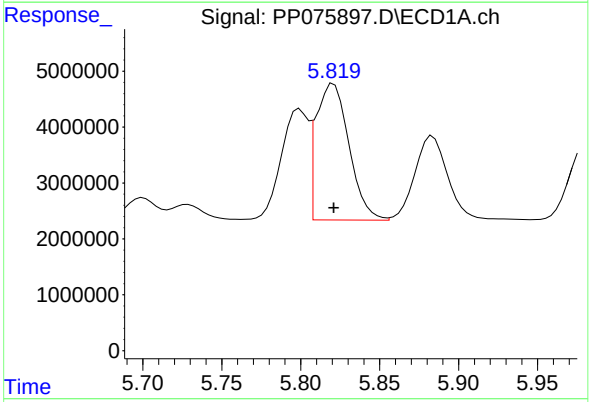
Manual Integrations APPROVED

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



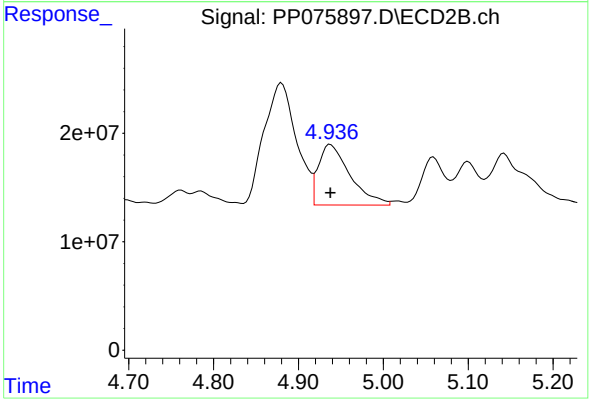
#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 298861859
Conc: 500.00 ng/ml



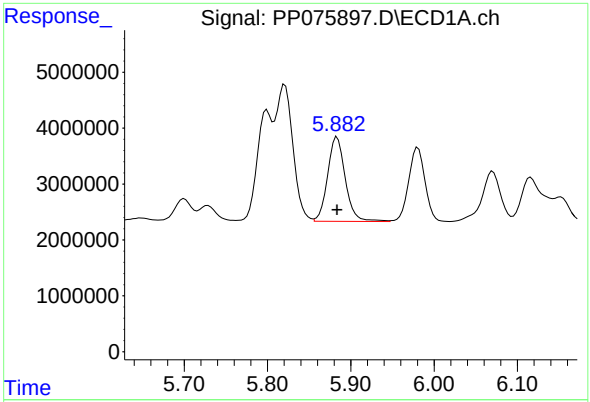
#17 AR-1242-2

R.T.: 5.821 min
Delta R.T.: 0.000 min
Response: 35489778
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.938 min
Delta R.T.: 0.000 min
Response: 144561928
Conc: 500.00 ng/ml



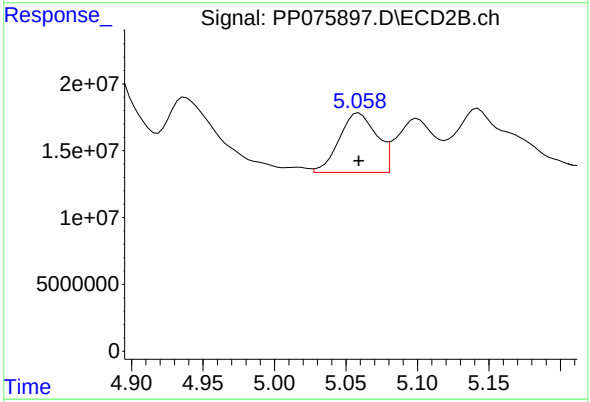
#18 AR-1242-3

R.T.: 5.884 min
Delta R.T.: 0.000 min
Response: 22294823
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

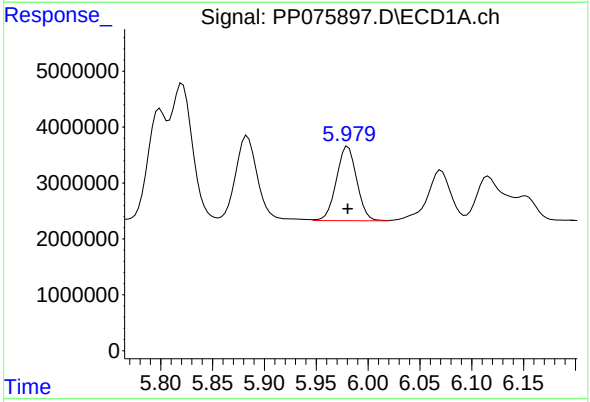
Manual Integrations APPROVED

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



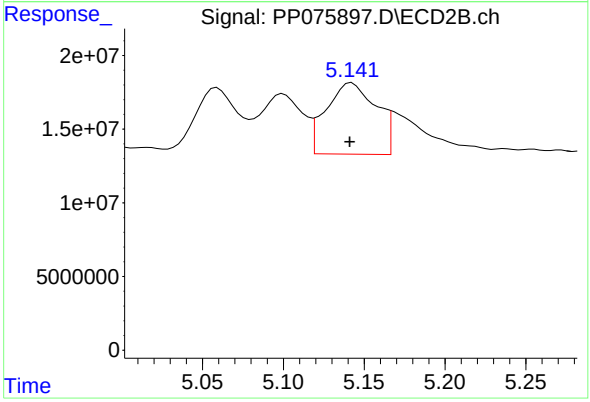
#18 AR-1242-3

R.T.: 5.059 min
Delta R.T.: 0.000 min
Response: 81084867
Conc: 500.00 ng/ml



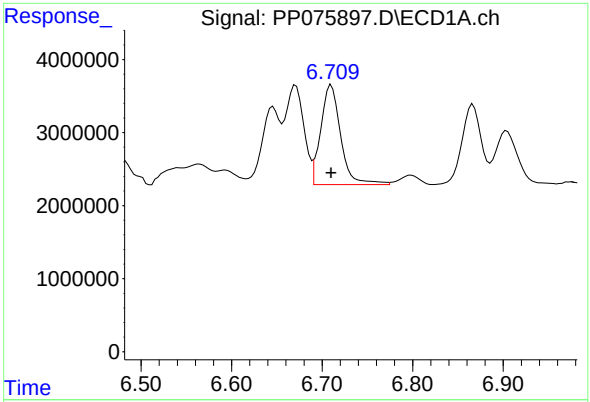
#19 AR-1242-4

R.T.: 5.981 min
Delta R.T.: 0.000 min
Response: 18210300
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: 105412292
Conc: 515.18 ng/ml m



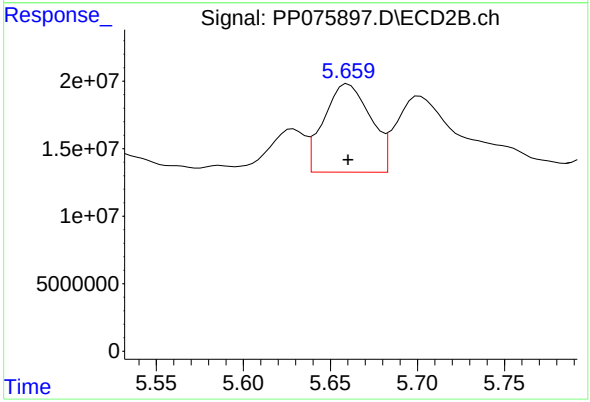
#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 20944311
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 122101376
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.645	3.783	39880193	180.0E6	26.064	24.377
2)	SA Decachlor...	10.420	8.782	32230064	227.8E6	26.494	25.240
	Target Compounds						
16)	L4 AR-1242-1	5.797	4.880	12563771	142.4E6	266.938	244.850
17)	L4 AR-1242-2	5.819	4.936	18441812	72837046	265.919	259.532
18)	L4 AR-1242-3	5.881	5.057	11783758	39428697	271.031	254.795
19)	L4 AR-1242-4	5.979	5.139	9241965	47817696	260.164	239.194m
20)	L4 AR-1242-5	6.707	5.659	9824013	58740602	248.605m	248.450

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

ICAL Form

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

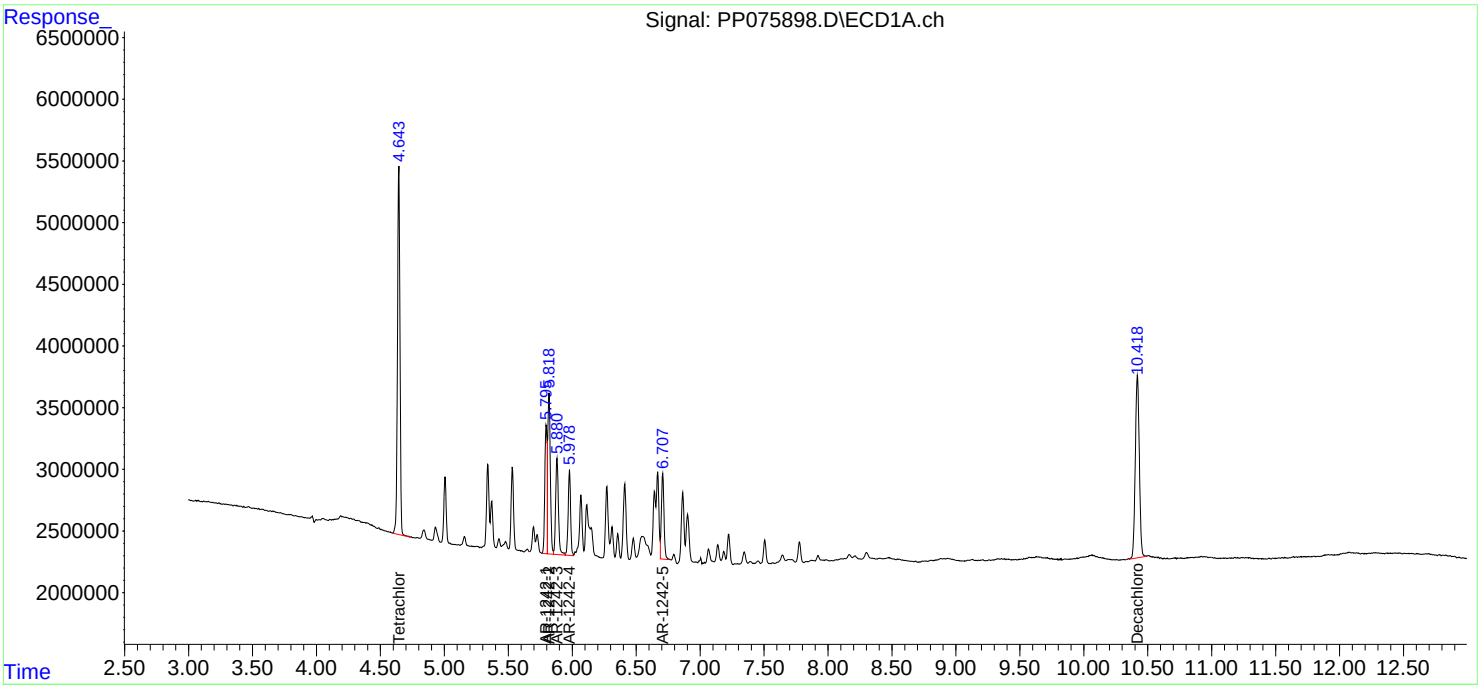
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

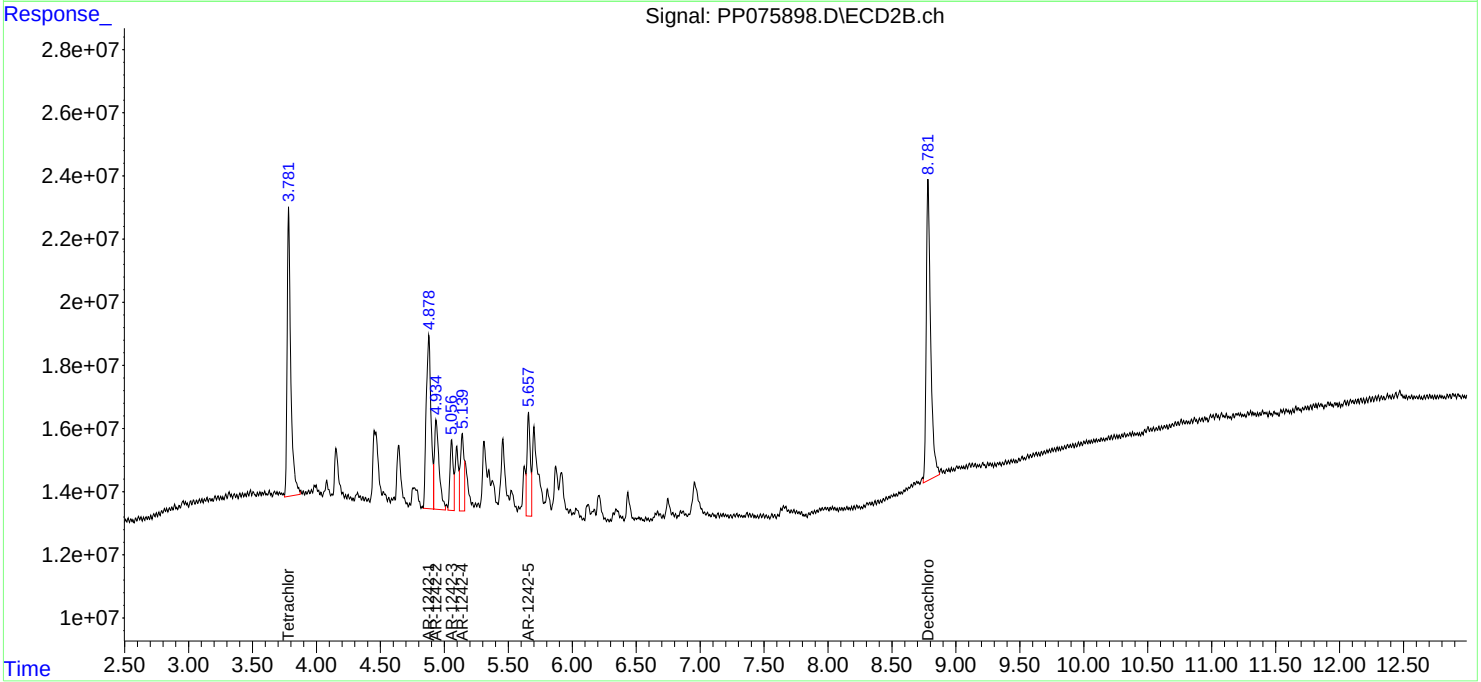
Manual Integrations APPROVED

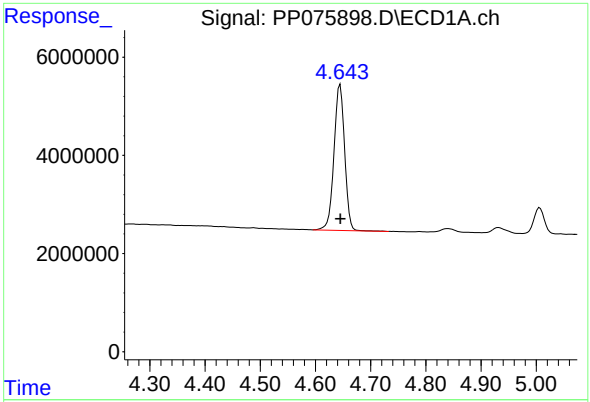
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:06:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







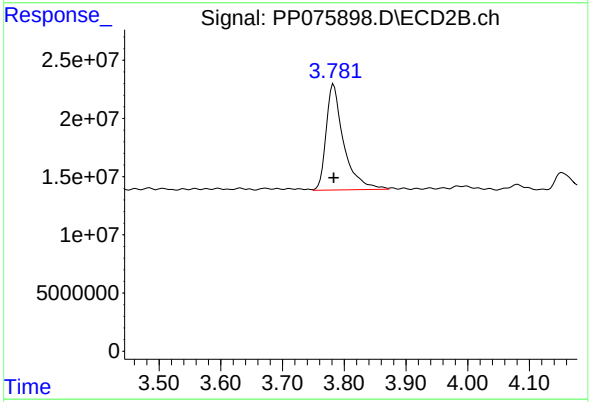
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 39880193
Conc: 26.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

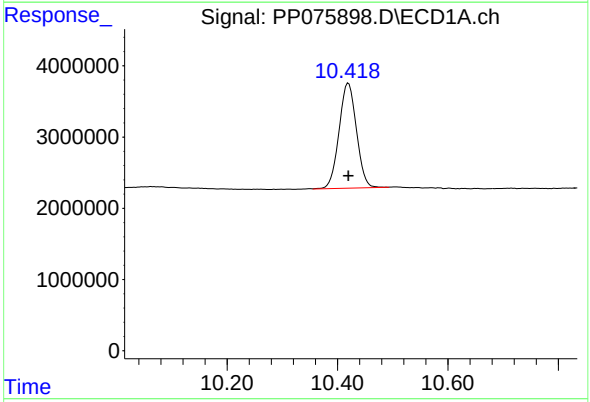
Manual Integrations APPROVED

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



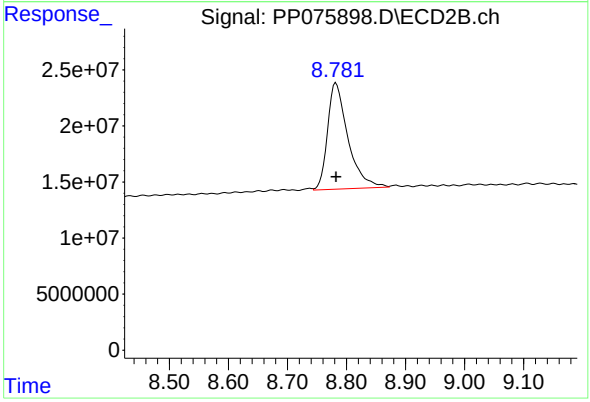
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 180029251
Conc: 24.38 ng/ml



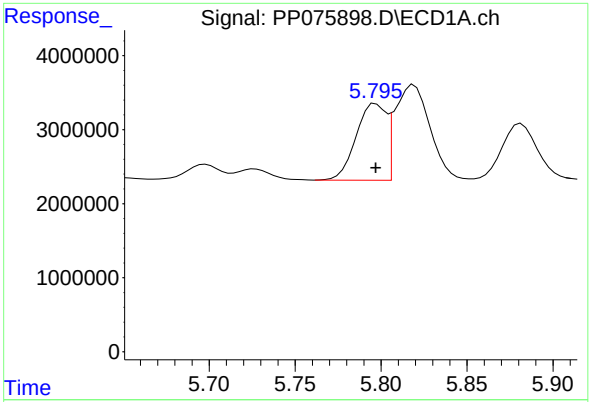
#2 Decachlorobiphenyl

R.T.: 10.420 min
Delta R.T.: 0.000 min
Response: 32230064
Conc: 26.49 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 227832960
Conc: 25.24 ng/ml



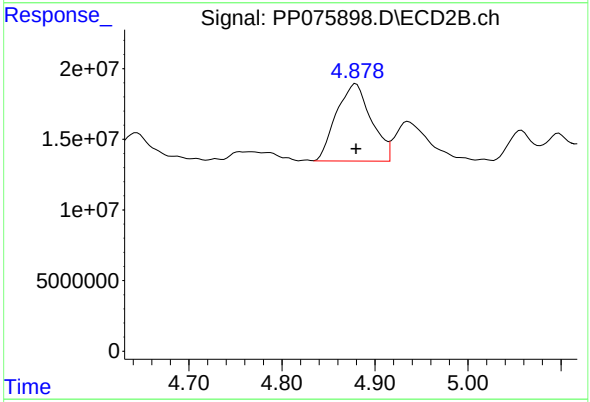
#16 AR-1242-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 12563771
Conc: 266.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

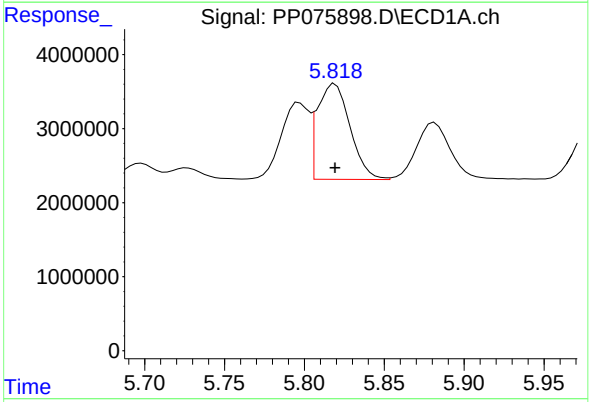
Manual Integrations APPROVED

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



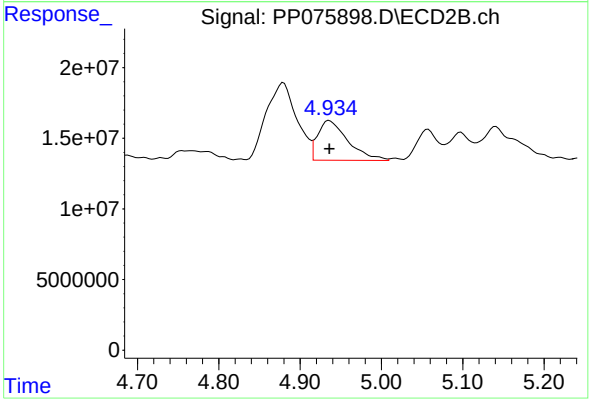
#16 AR-1242-1

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 142440097
Conc: 244.85 ng/ml



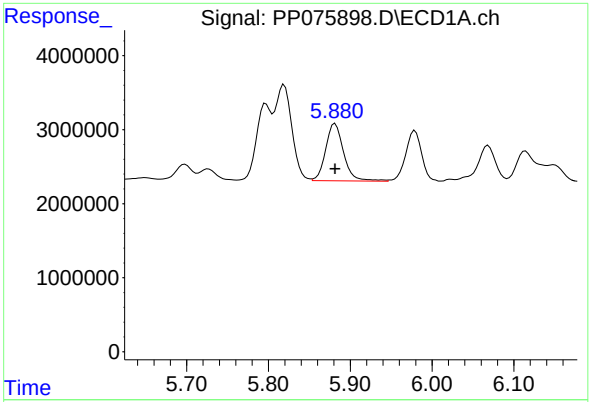
#17 AR-1242-2

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 18441812
Conc: 265.92 ng/ml



#17 AR-1242-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 72837046
Conc: 259.53 ng/ml



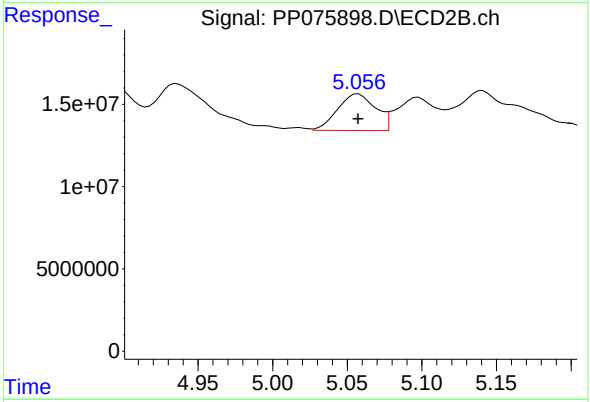
#18 AR-1242-3

R.T.: 5.881 min
Delta R.T.: 0.000 min
Response: 11783758
Conc: 271.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

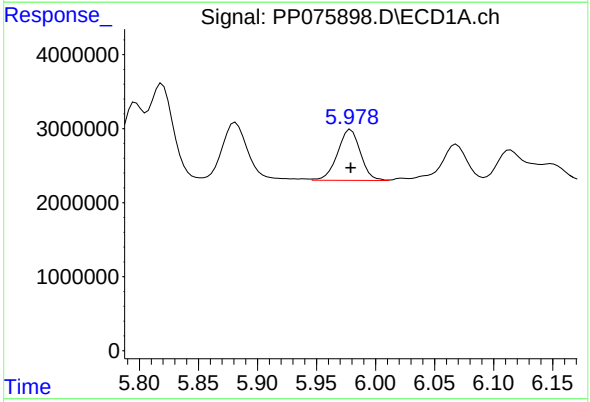
Manual Integrations APPROVED

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



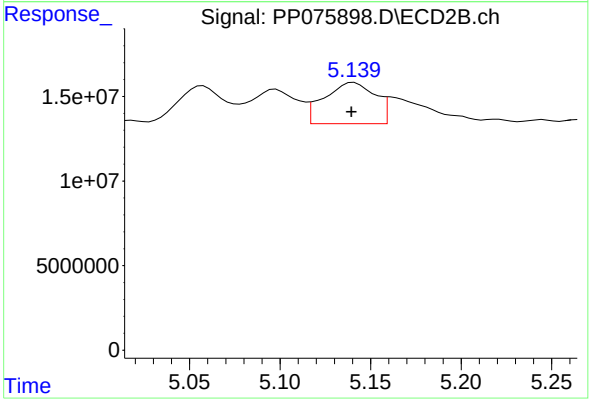
#18 AR-1242-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 39428697
Conc: 254.79 ng/ml



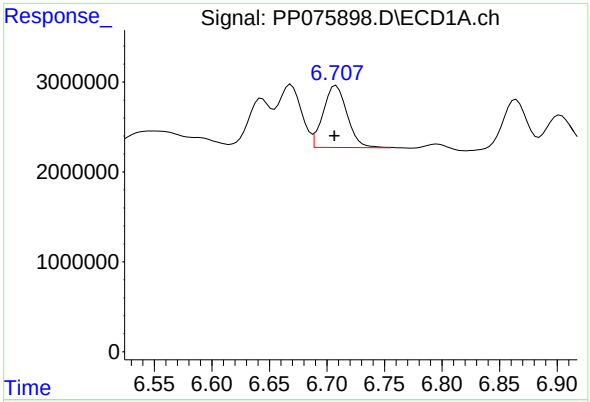
#19 AR-1242-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 9241965
Conc: 260.16 ng/ml



#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 47817696
Conc: 239.19 ng/ml m



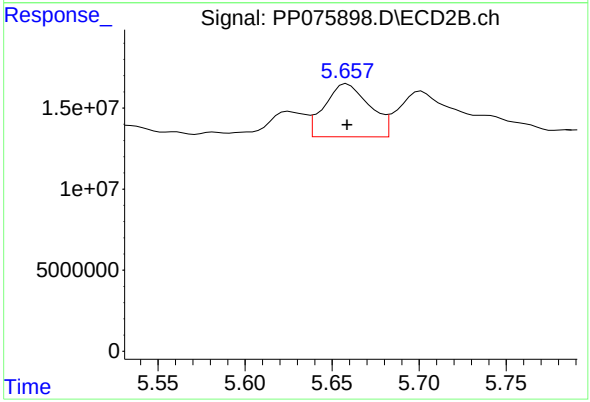
#20 AR-1242-5

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 9824013
Conc: 248.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 58740602
Conc: 248.45 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.783	7865219	30617105	5.112	4.301m
2)	SA Decachlor...	10.422	8.783	6789035	46546691	5.454	5.125
	Target Compounds						
16)	L4 AR-1242-1	5.798	4.882	2563442	27339514	53.509	47.567
17)	L4 AR-1242-2	5.820	4.939	3827668	13248287	54.069	47.740
18)	L4 AR-1242-3	5.883	5.054	2714945	8403556	59.484	53.386
19)	L4 AR-1242-4	5.979	5.138	1985121	6837014	54.597	36.934 #
20)	L4 AR-1242-5	6.708	5.660	2423381	10273735	59.725m	44.622 #

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

ICAL Form

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

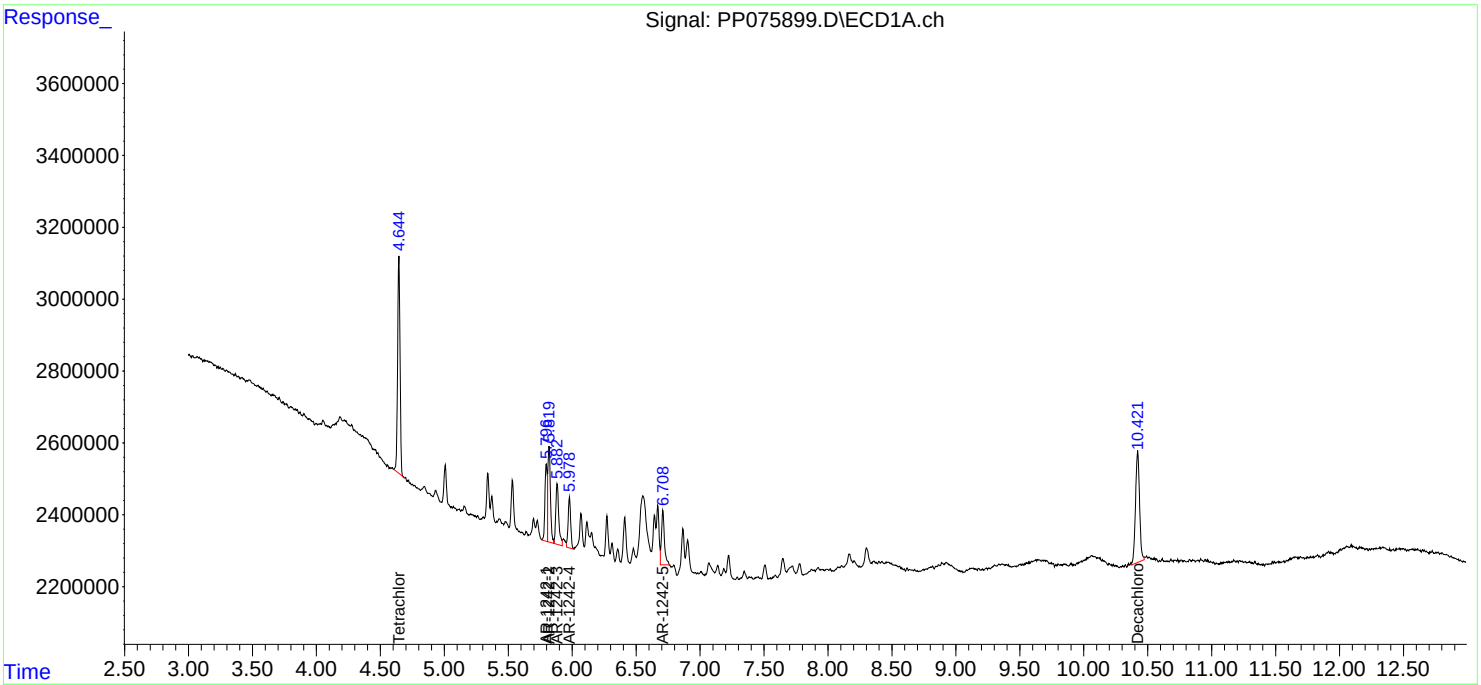
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

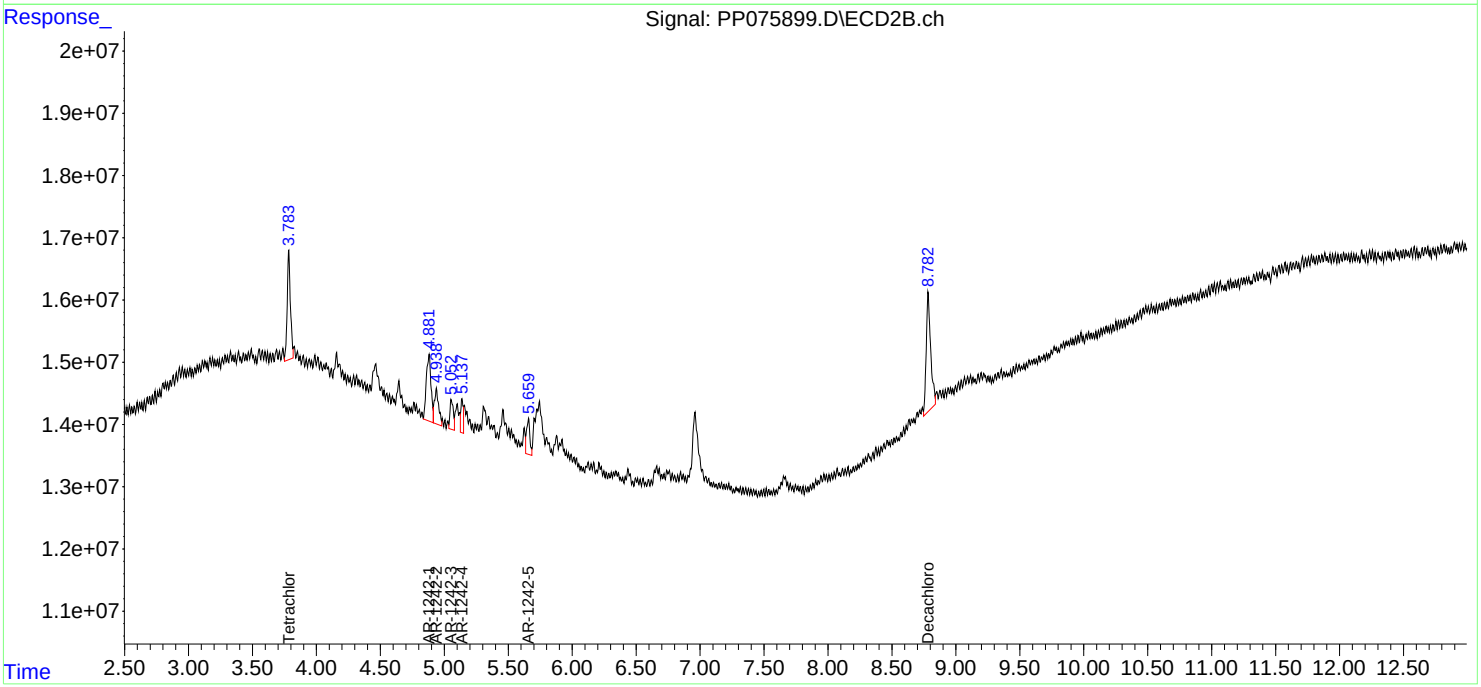
Manual Integrations APPROVED

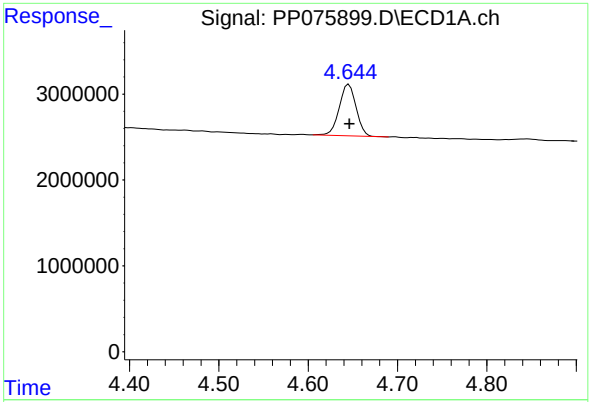
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 17:10:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:53:53 2025
Response via : Initial Calibration
Integrator: ChemStation

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







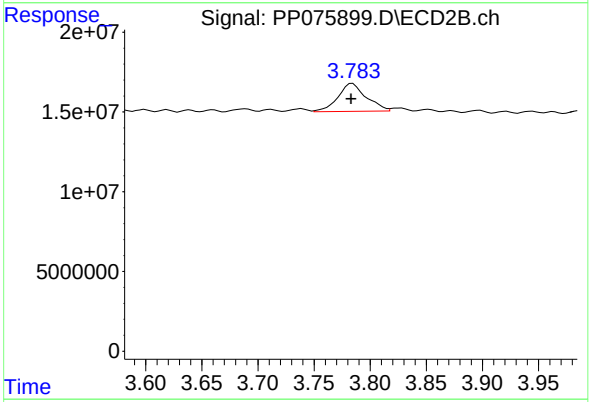
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 7865219
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

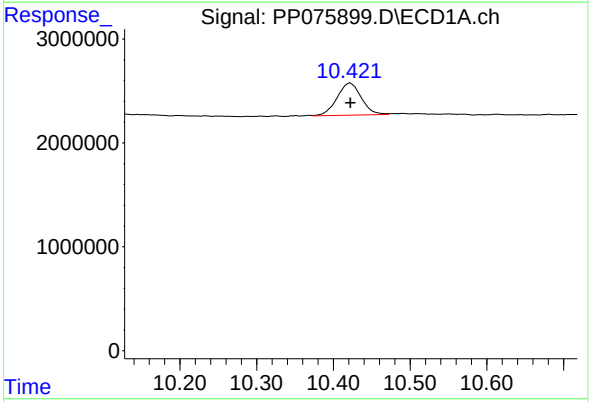
Manual Integrations APPROVED

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



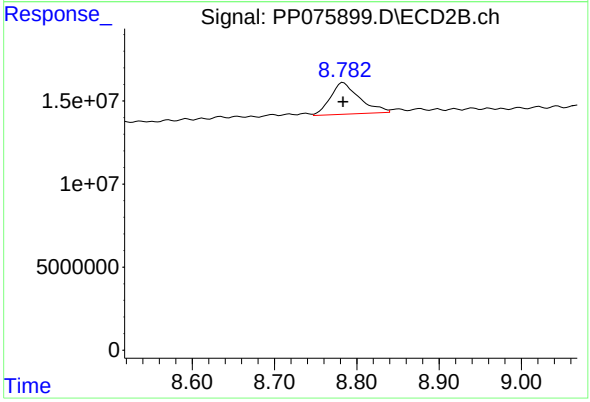
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 30617105
Conc: 4.30 ng/ml m



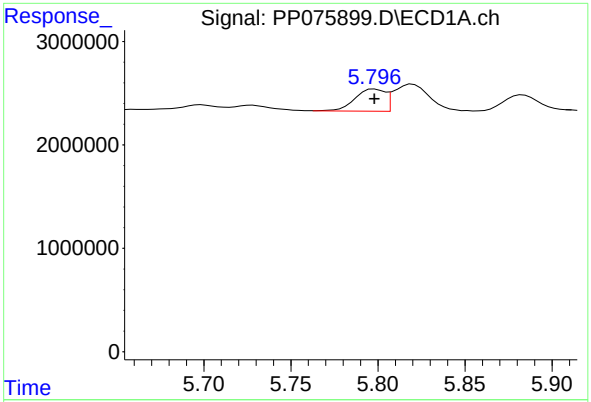
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 6789035
Conc: 5.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 46546691
Conc: 5.12 ng/ml



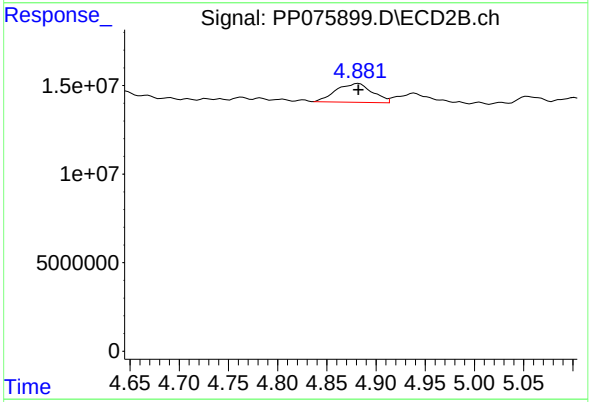
#16 AR-1242-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 2563442
Conc: 53.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

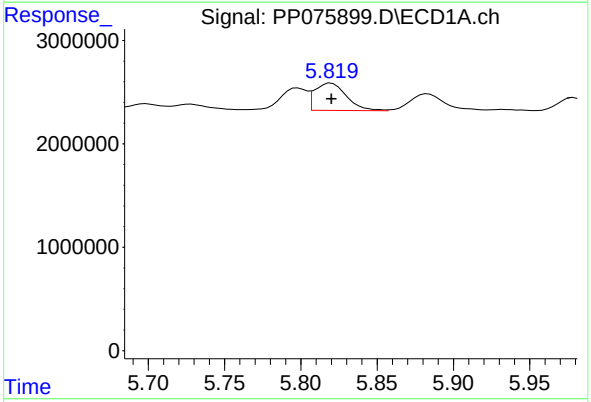
Manual Integrations APPROVED

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



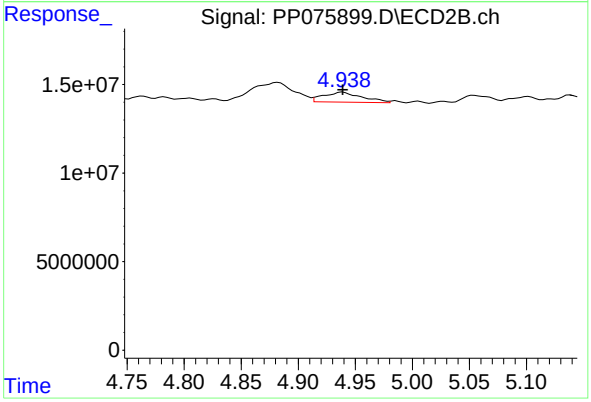
#16 AR-1242-1

R.T.: 4.882 min
Delta R.T.: 0.000 min
Response: 27339514
Conc: 47.57 ng/ml



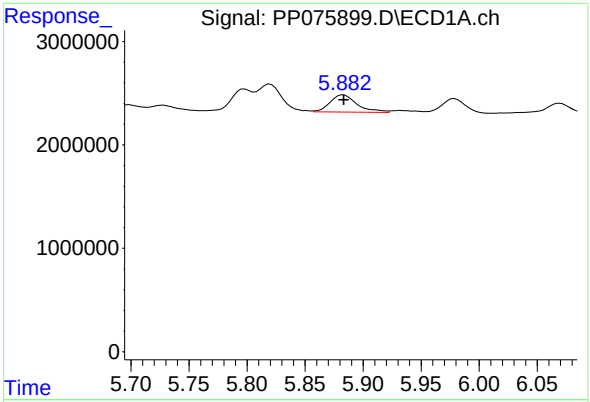
#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 3827668
Conc: 54.07 ng/ml



#17 AR-1242-2

R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 13248287
Conc: 47.74 ng/ml



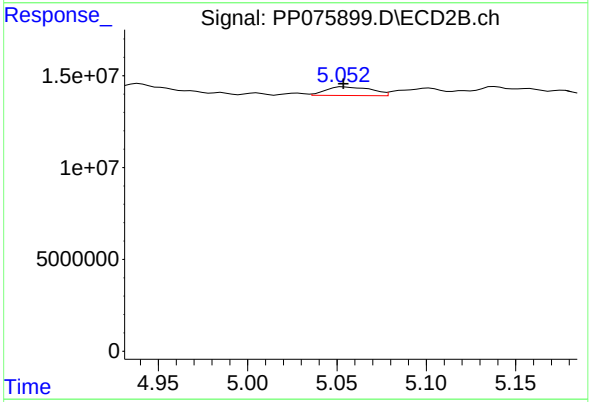
#18 AR-1242-3

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 2714945
Conc: 59.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

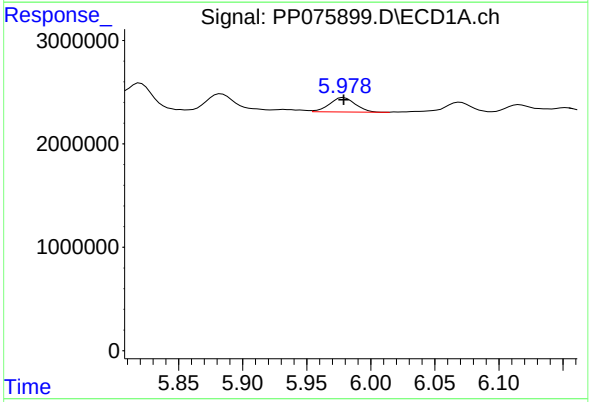
Manual Integrations APPROVED

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



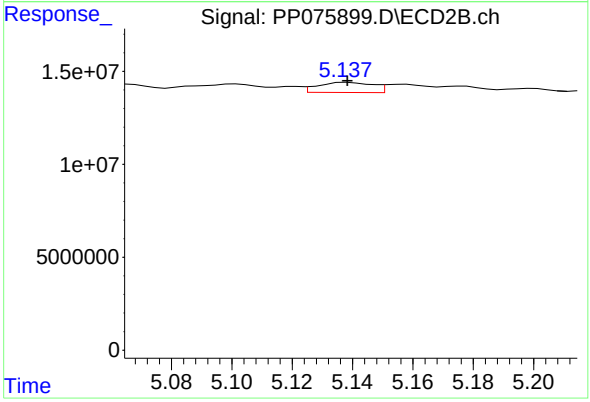
#18 AR-1242-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 8403556
Conc: 53.39 ng/ml



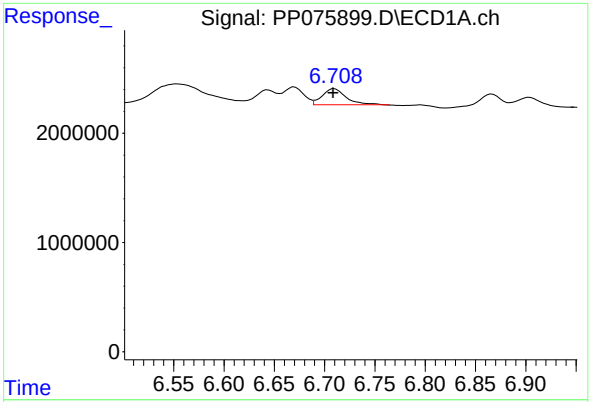
#19 AR-1242-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 1985121
Conc: 54.60 ng/ml



#19 AR-1242-4

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 6837014
Conc: 36.93 ng/ml



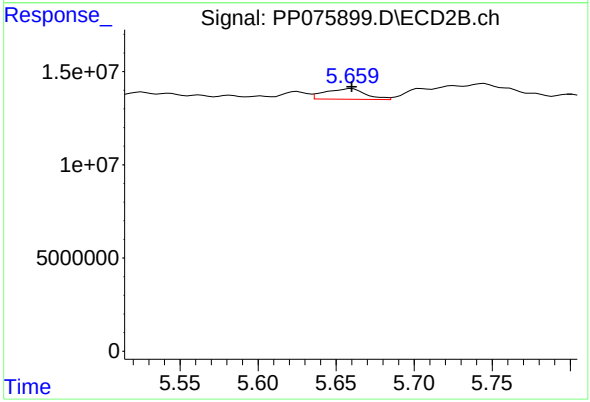
#20 AR-1242-5

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 2423381
Conc: 59.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 10273735
Conc: 44.62 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

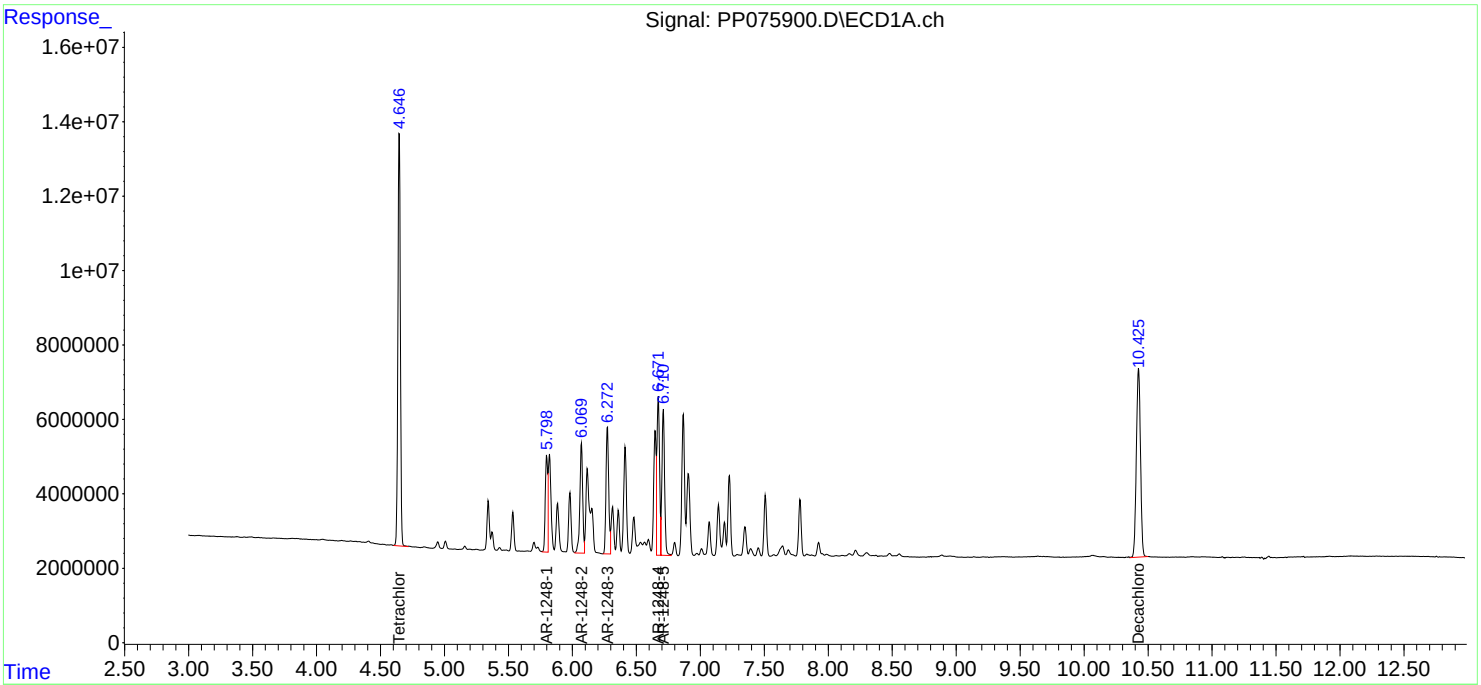
Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

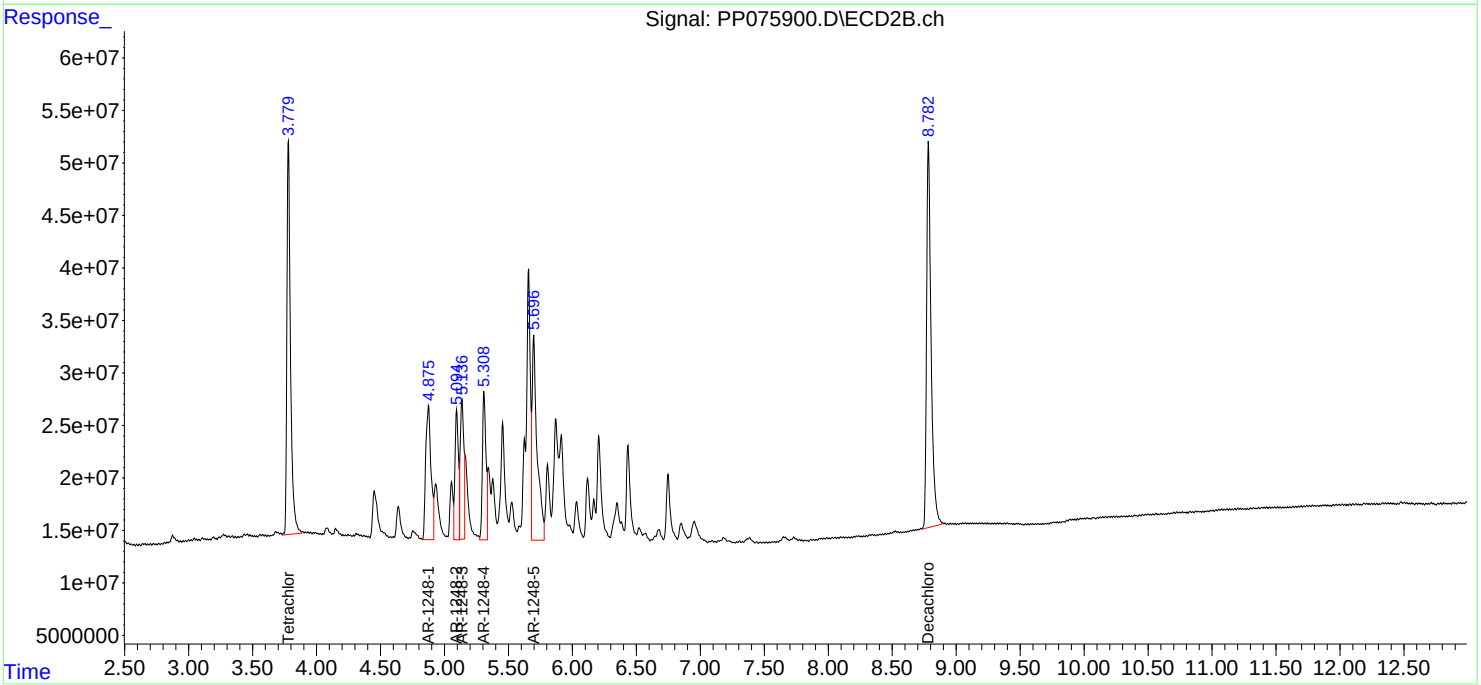
Manual Integrations APPROVED

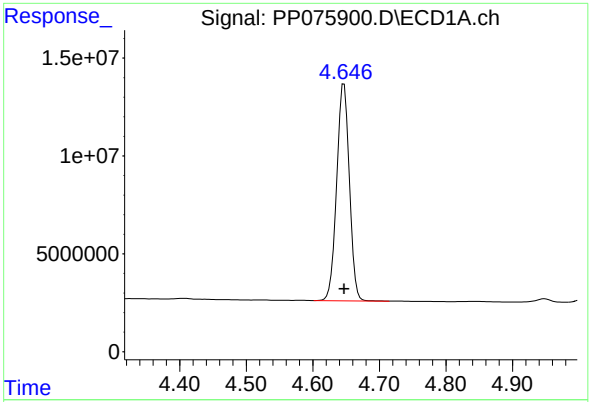
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







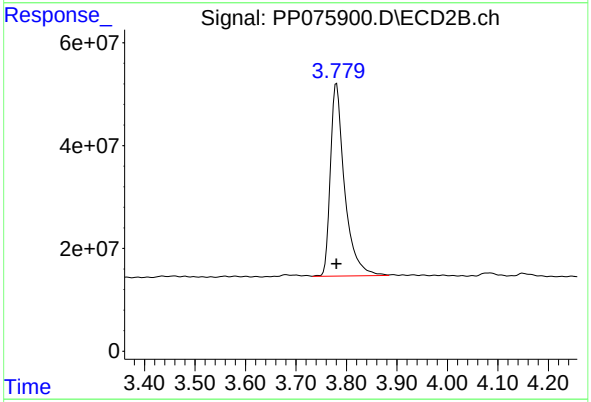
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 146870104
Conc: 97.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

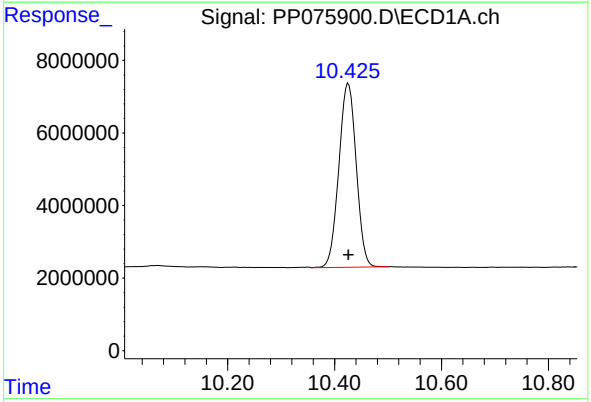
Manual Integrations APPROVED

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



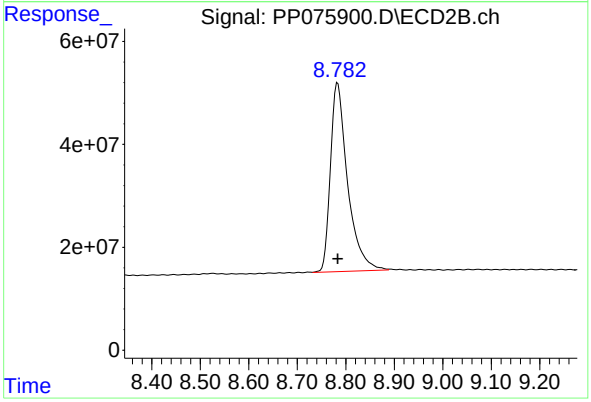
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 734392673
Conc: 99.40 ng/ml



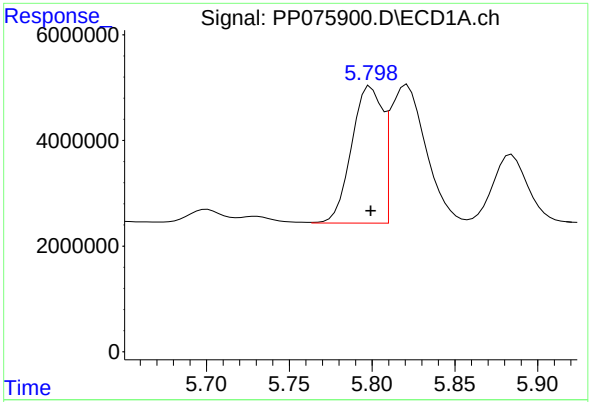
#2 Decachlorobiphenyl

R.T.: 10.426 min
Delta R.T.: 0.000 min
Response: 114063753
Conc: 95.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 899520487
Conc: 98.50 ng/ml



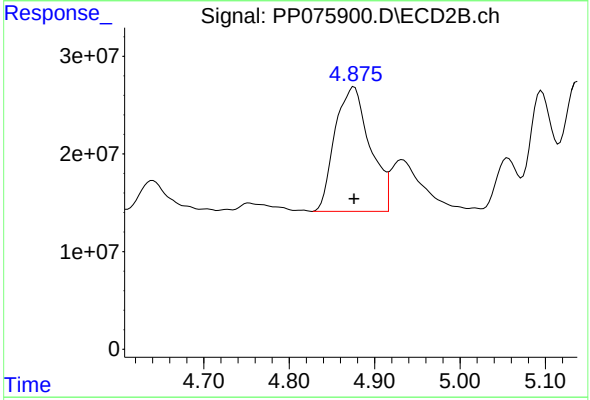
#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 33471805
Conc: 950.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

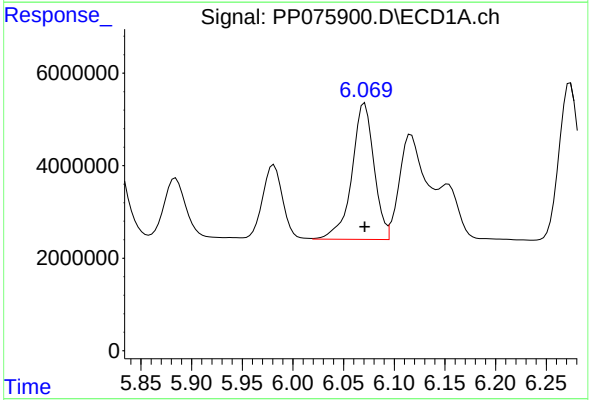
Manual Integrations APPROVED

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



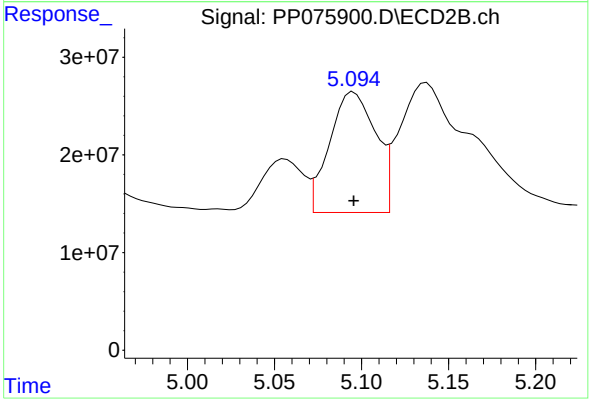
#21 AR-1248-1

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 362937087
Conc: 965.13 ng/ml



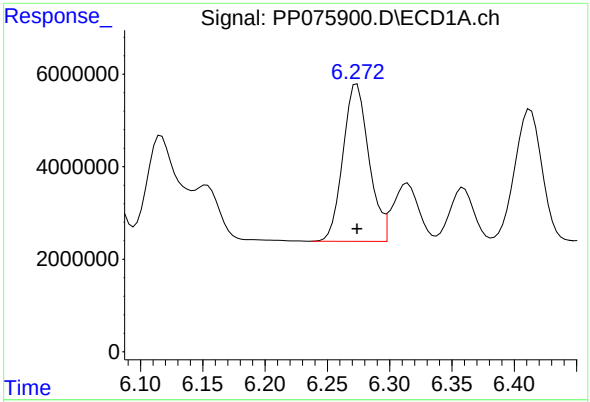
#22 AR-1248-2

R.T.: 6.071 min
Delta R.T.: 0.000 min
Response: 44816839
Conc: 951.33 ng/ml



#22 AR-1248-2

R.T.: 5.095 min
Delta R.T.: 0.000 min
Response: 226906631
Conc: 964.03 ng/ml



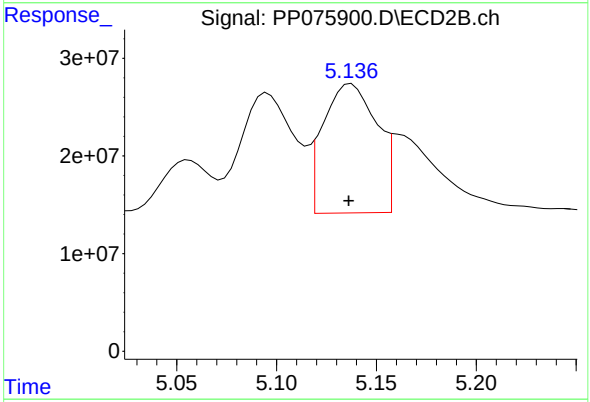
#23 AR-1248-3

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 49477903
Conc: 894.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

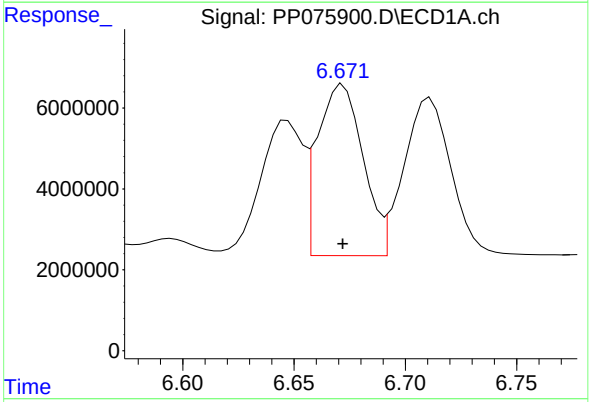
Manual Integrations APPROVED

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



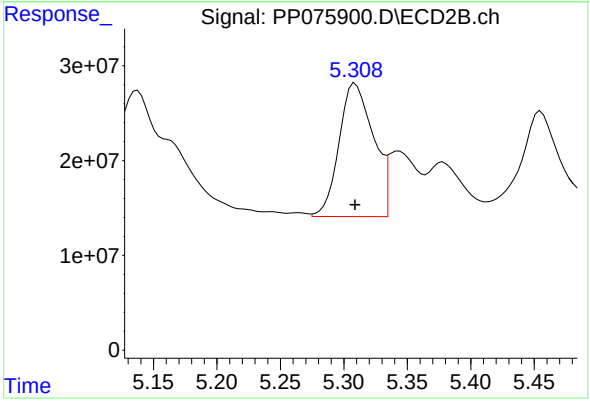
#23 AR-1248-3

R.T.: 5.136 min
Delta R.T.: 0.000 min
Response: 258884180
Conc: 947.45 ng/ml m



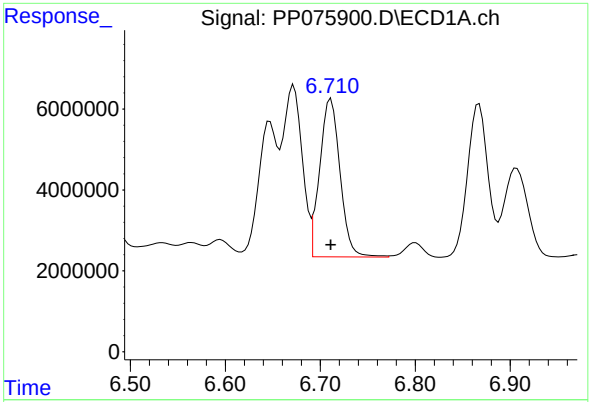
#24 AR-1248-4

R.T.: 6.672 min
Delta R.T.: 0.000 min
Response: 60435029
Conc: 944.74 ng/ml



#24 AR-1248-4

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 264944699
Conc: 969.63 ng/ml



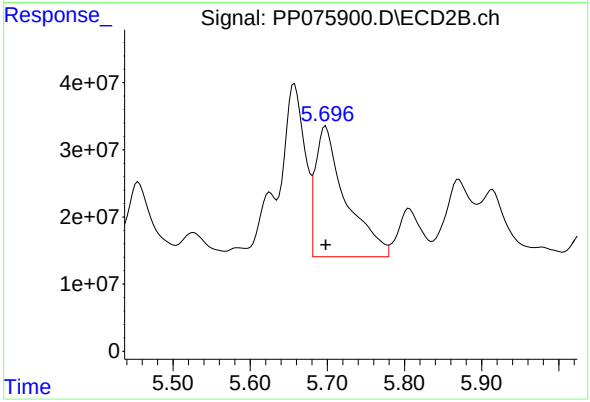
#25 AR-1248-5

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 58134534
Conc: 941.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC1000

Manual Integrations
APPROVED

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



#25 AR-1248-5

R.T.: 5.698 min
Delta R.T.: 0.000 min
Response: 531974990
Conc: 994.13 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

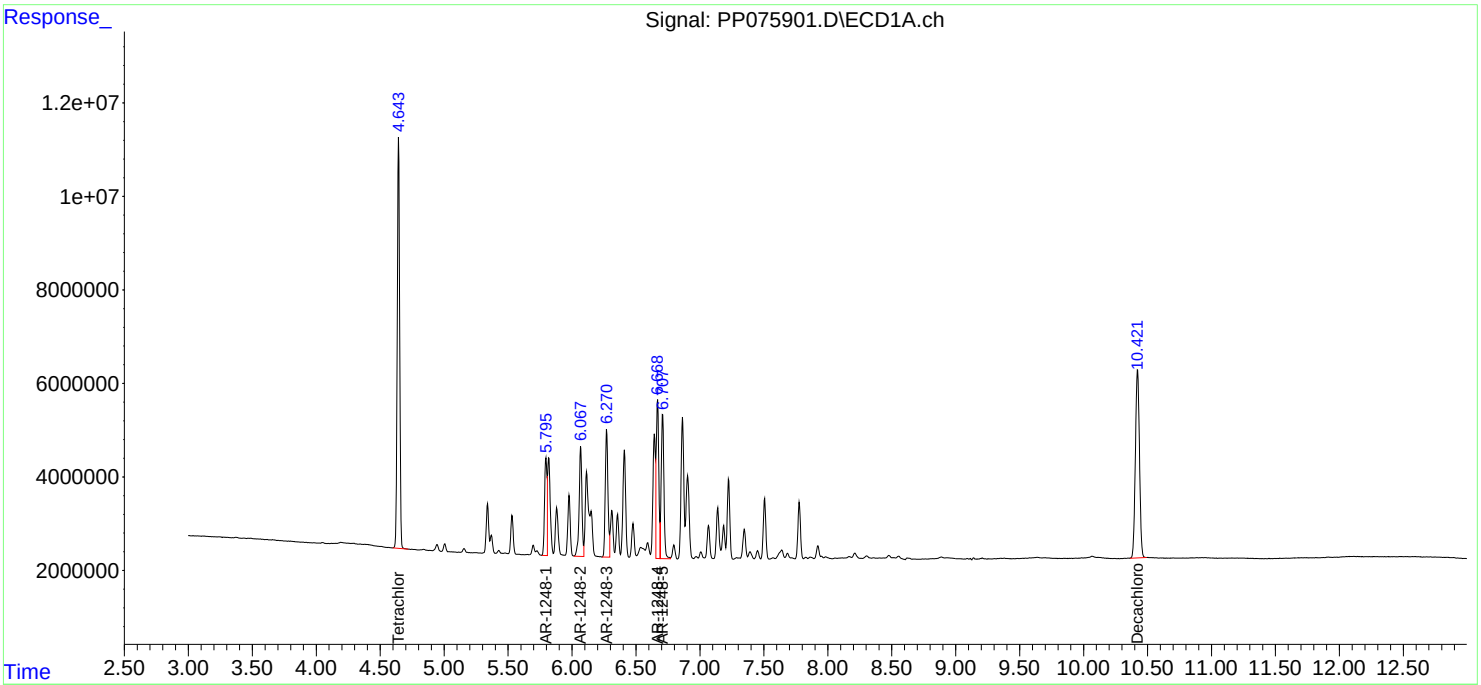
Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

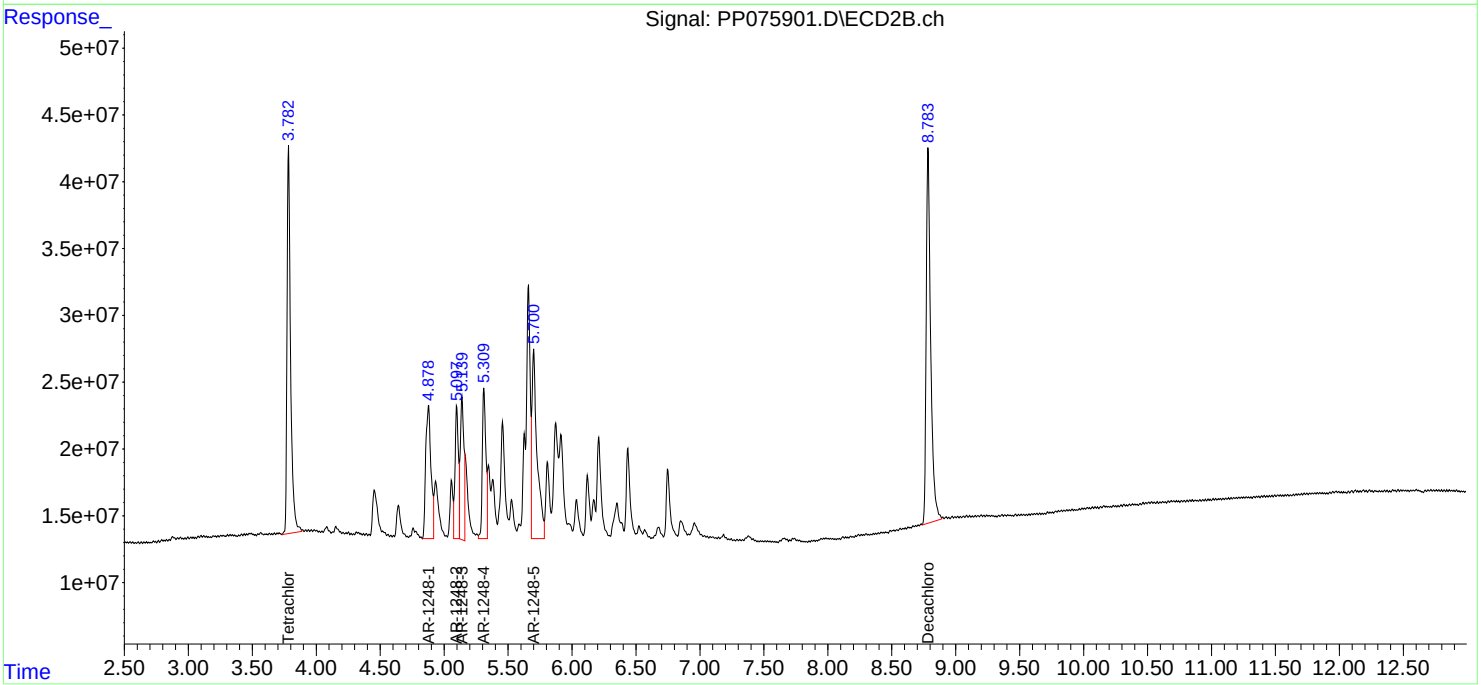
Manual Integrations APPROVED

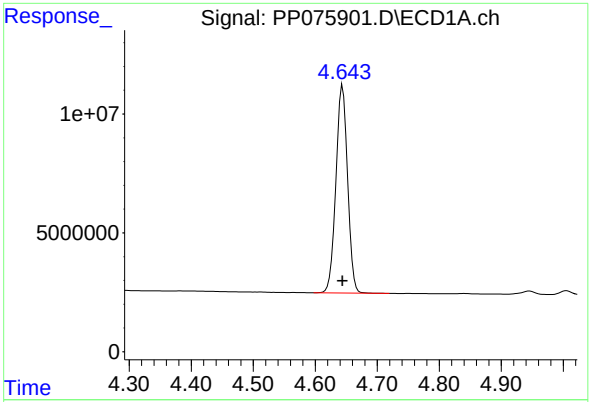
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







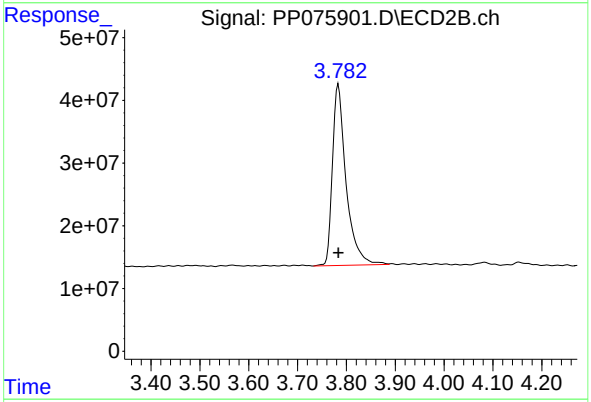
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 114730816
Conc: 75.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

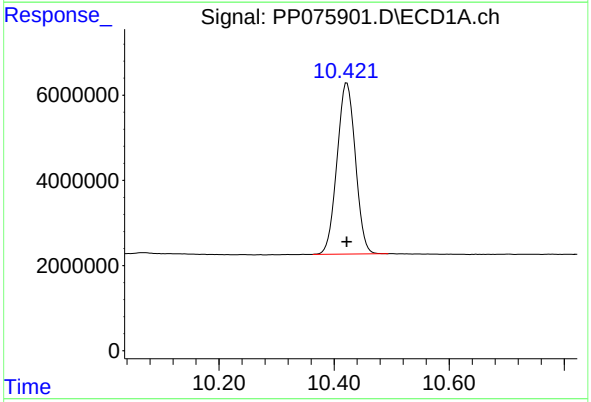
Manual Integrations APPROVED

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



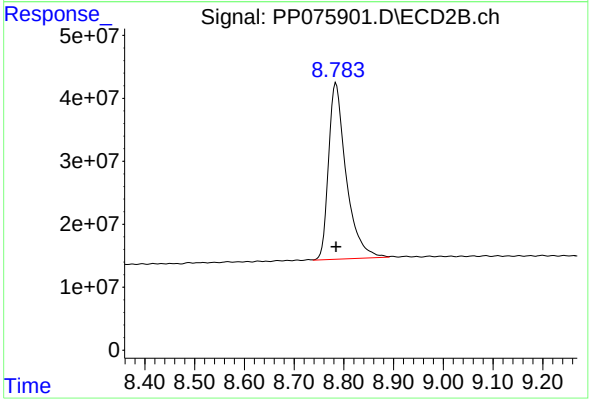
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 562221293
Conc: 75.73 ng/ml



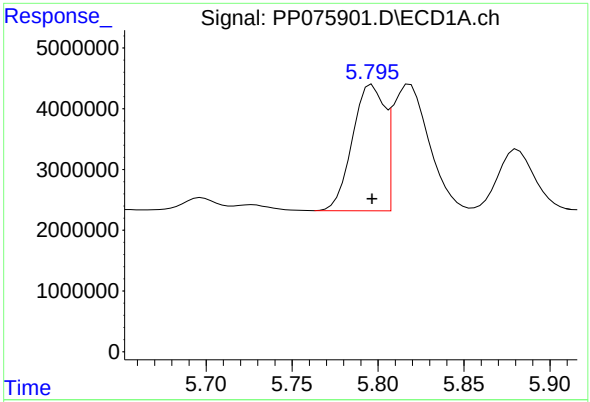
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 89301082
Conc: 74.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 688178922
Conc: 75.24 ng/ml



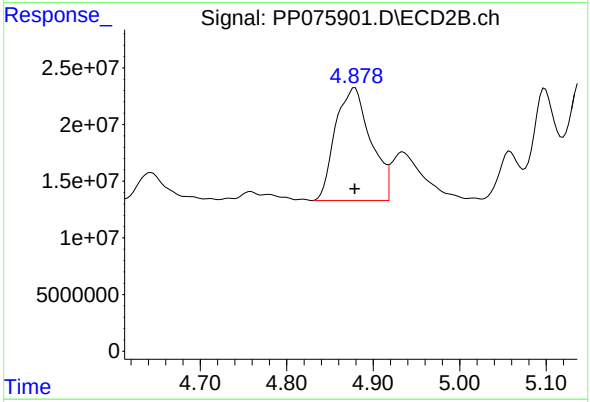
#21 AR-1248-1

R.T.: 5.797 min
Delta R.T.: 0.000 min
Response: 26839141
Conc: 758.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

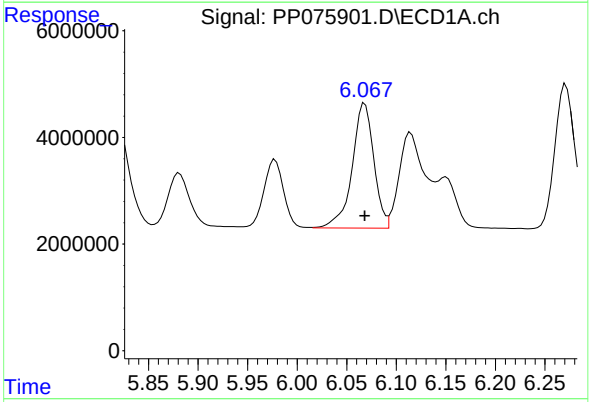
Manual Integrations APPROVED

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



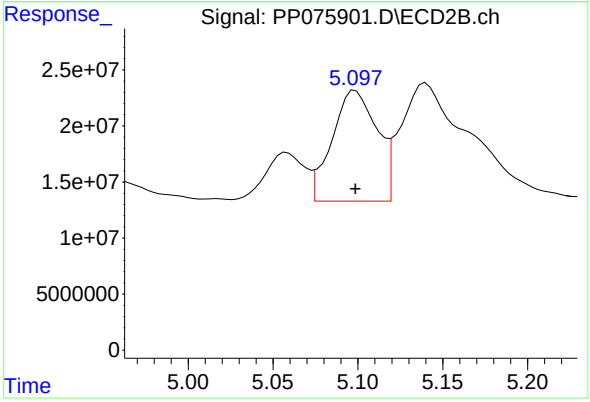
#21 AR-1248-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 281663359
Conc: 749.34 ng/ml



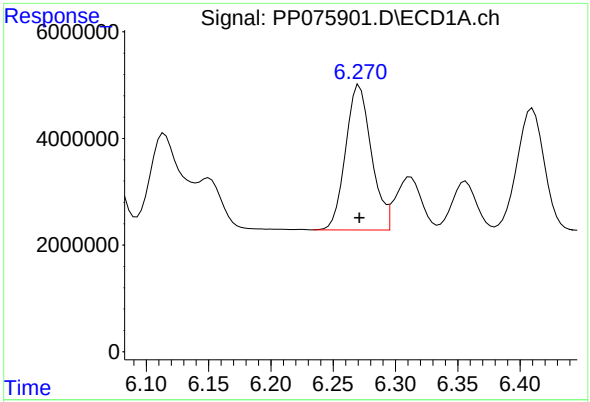
#22 AR-1248-2

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 35688032
Conc: 755.02 ng/ml



#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 181397265
Conc: 763.66 ng/ml



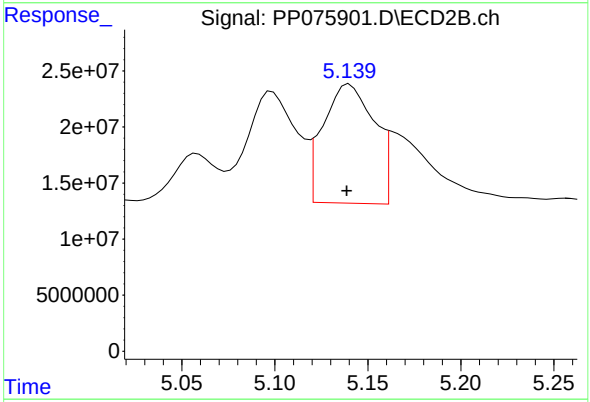
#23 AR-1248-3

R.T.: 6.271 min
Delta R.T.: 0.000 min
Response: 39334925
Conc: 723.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

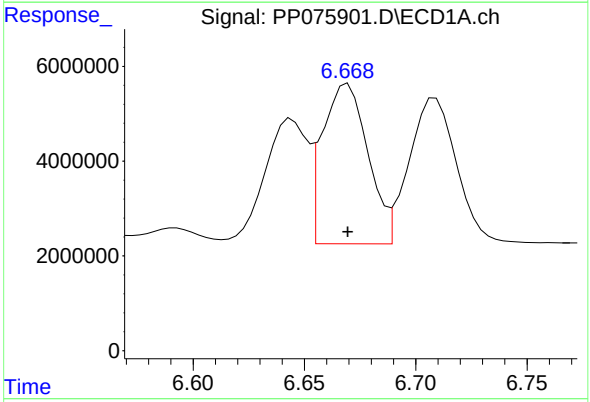
Manual Integrations APPROVED

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



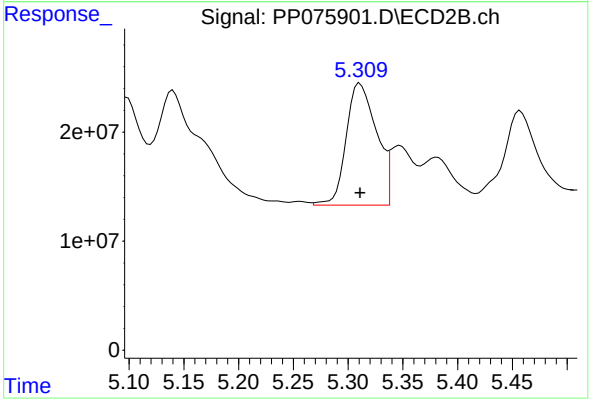
#23 AR-1248-3

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 200585505
Conc: 728.51 ng/ml m



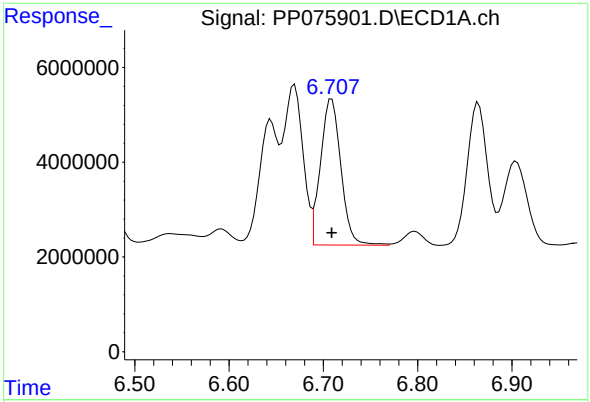
#24 AR-1248-4

R.T.: 6.670 min
Delta R.T.: 0.000 min
Response: 48125398
Conc: 751.54 ng/ml



#24 AR-1248-4

R.T.: 5.311 min
Delta R.T.: 0.000 min
Response: 216436626
Conc: 777.55 ng/ml



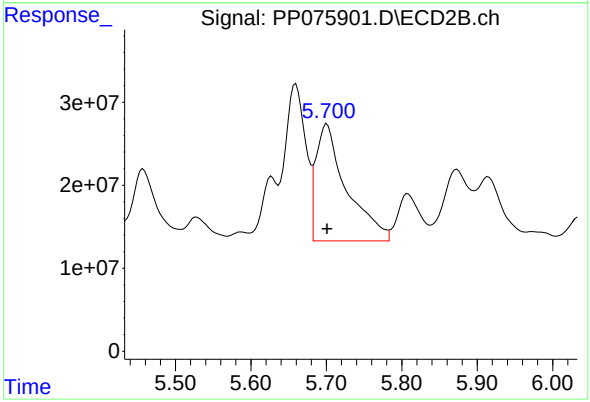
#25 AR-1248-5

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 46284863
Conc: 749.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC750

Manual Integrations APPROVED

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



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 398232358
Conc: 746.12 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

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

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

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

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

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

Quantitation Report (QT Reviewed)

ICAL Form

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

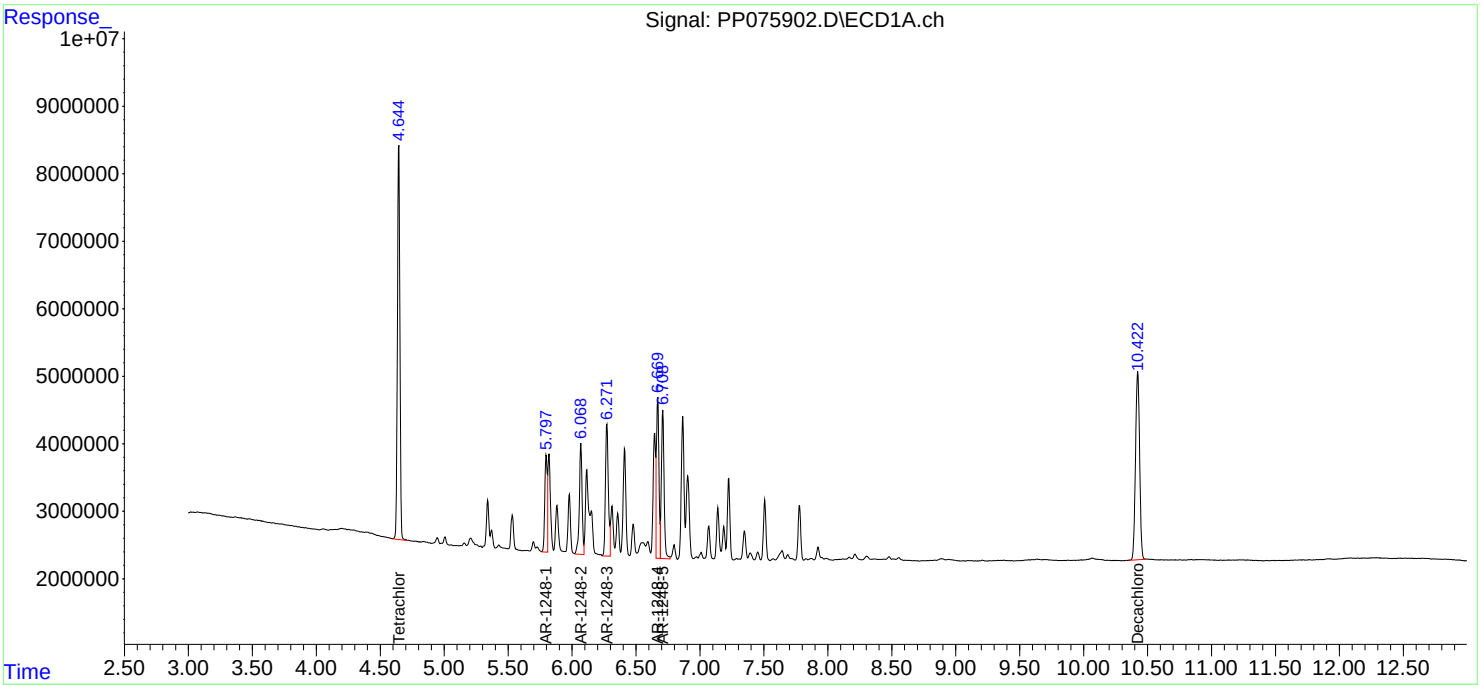
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

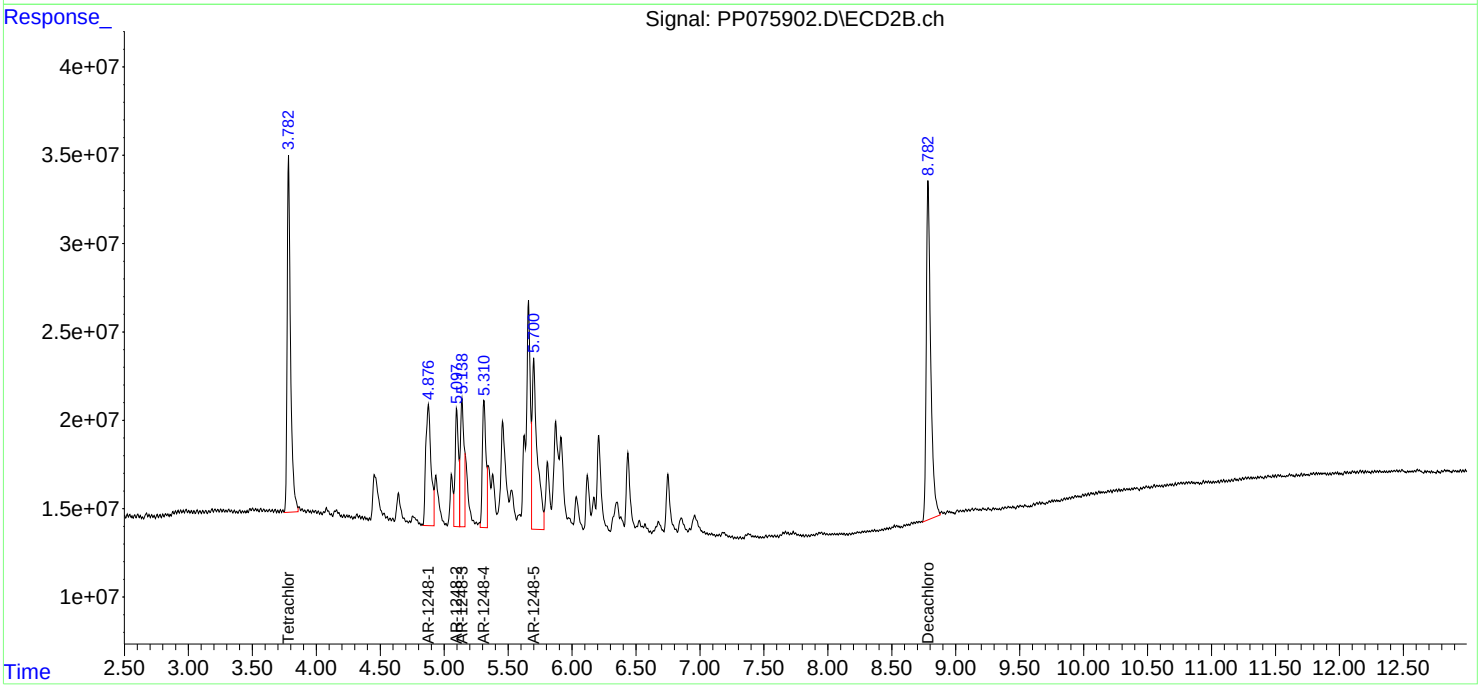
Manual Integrations APPROVED

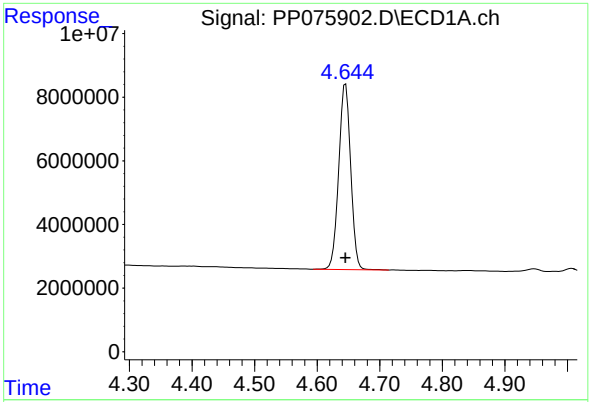
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







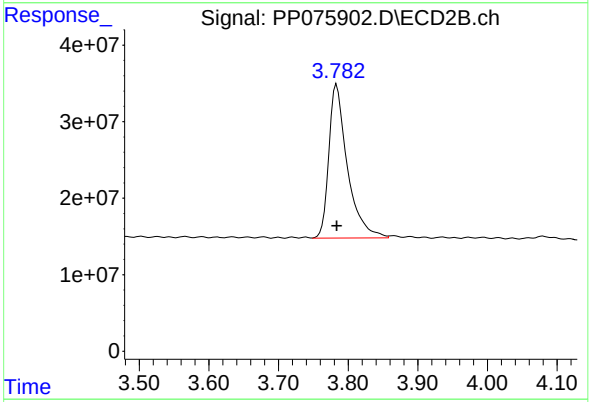
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 77916247
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

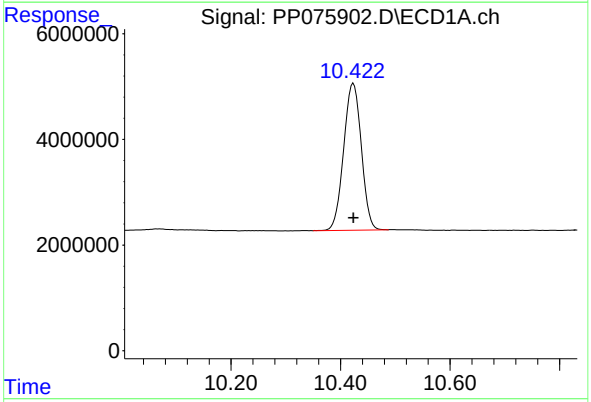
Manual Integrations APPROVED

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



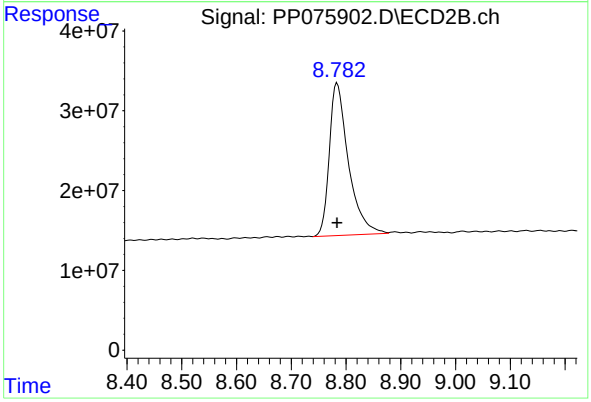
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 371607855
Conc: 50.00 ng/ml



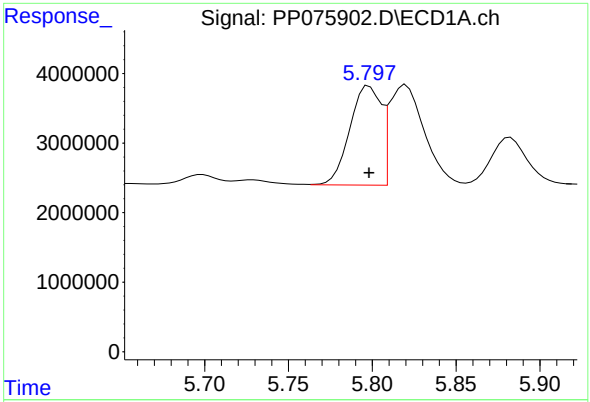
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 62181174
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 463498702
Conc: 50.00 ng/ml



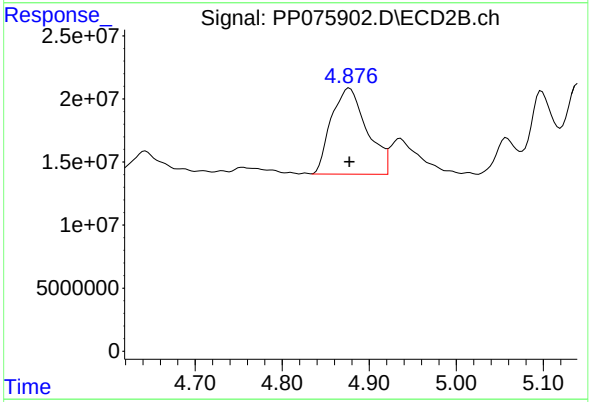
#21 AR-1248-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 18481760
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

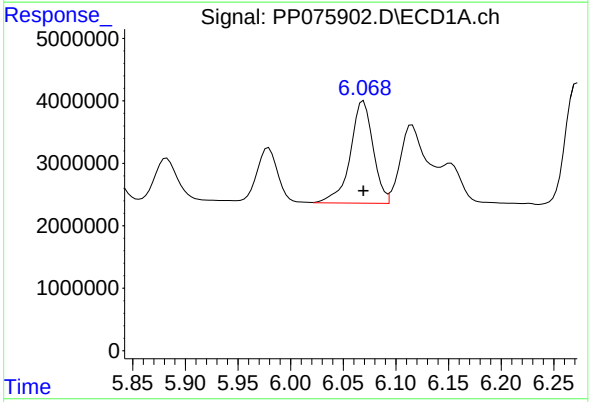
Manual Integrations APPROVED

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



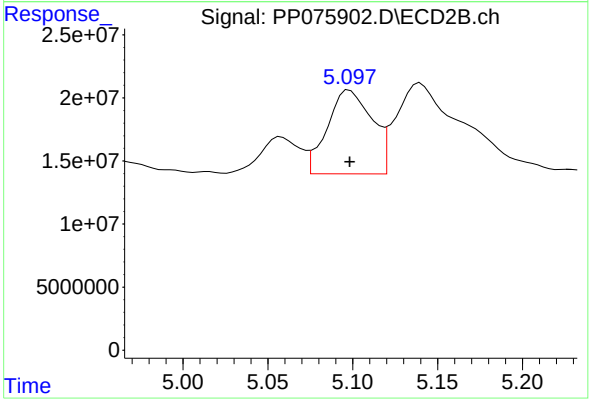
#21 AR-1248-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 194580429
Conc: 500.00 ng/ml



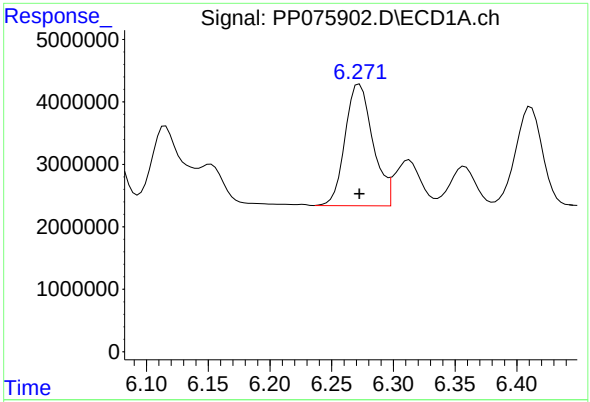
#22 AR-1248-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 24701455
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 121919207
Conc: 500.00 ng/ml



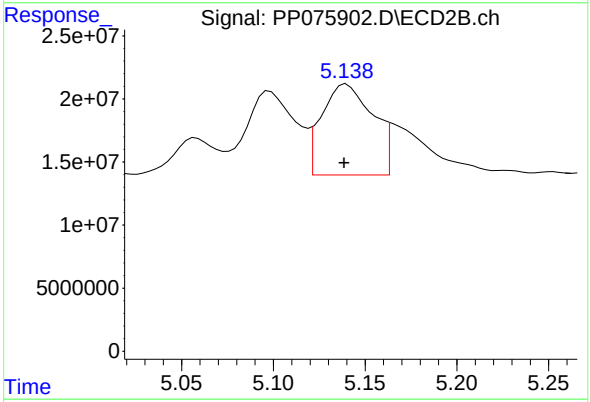
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 30552968
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

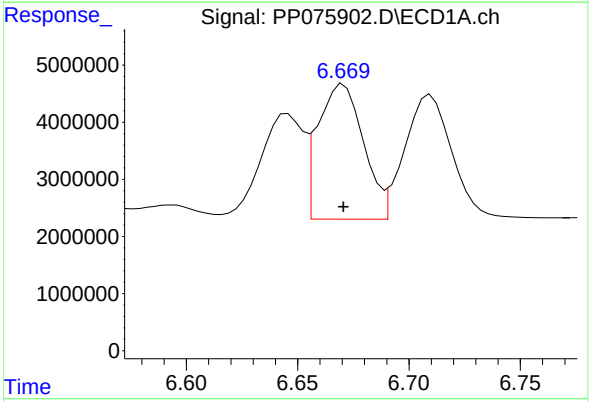
Manual Integrations APPROVED

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



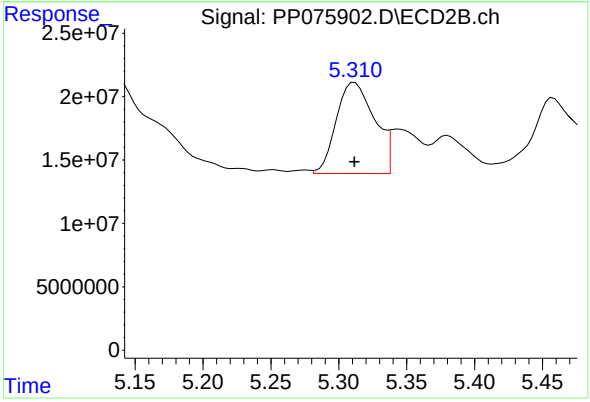
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 143020593
Conc: 491.11 ng/ml m



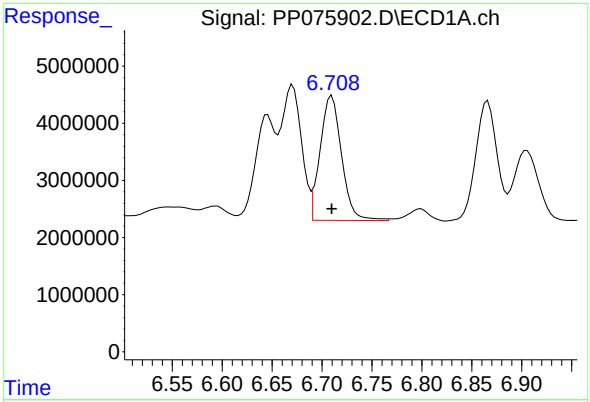
#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 33752591
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 140771774
Conc: 500.00 ng/ml



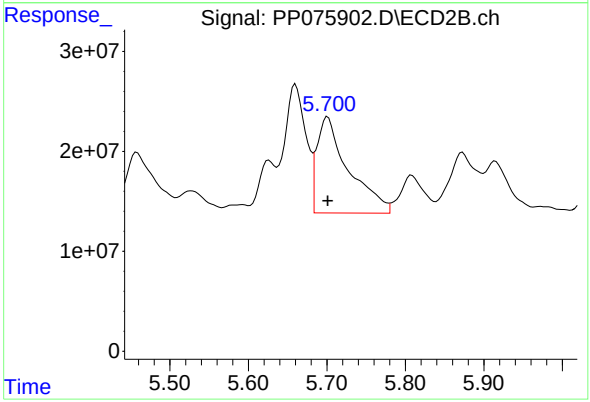
#25 AR-1248-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 32673818
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations APPROVED

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



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 269130164
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

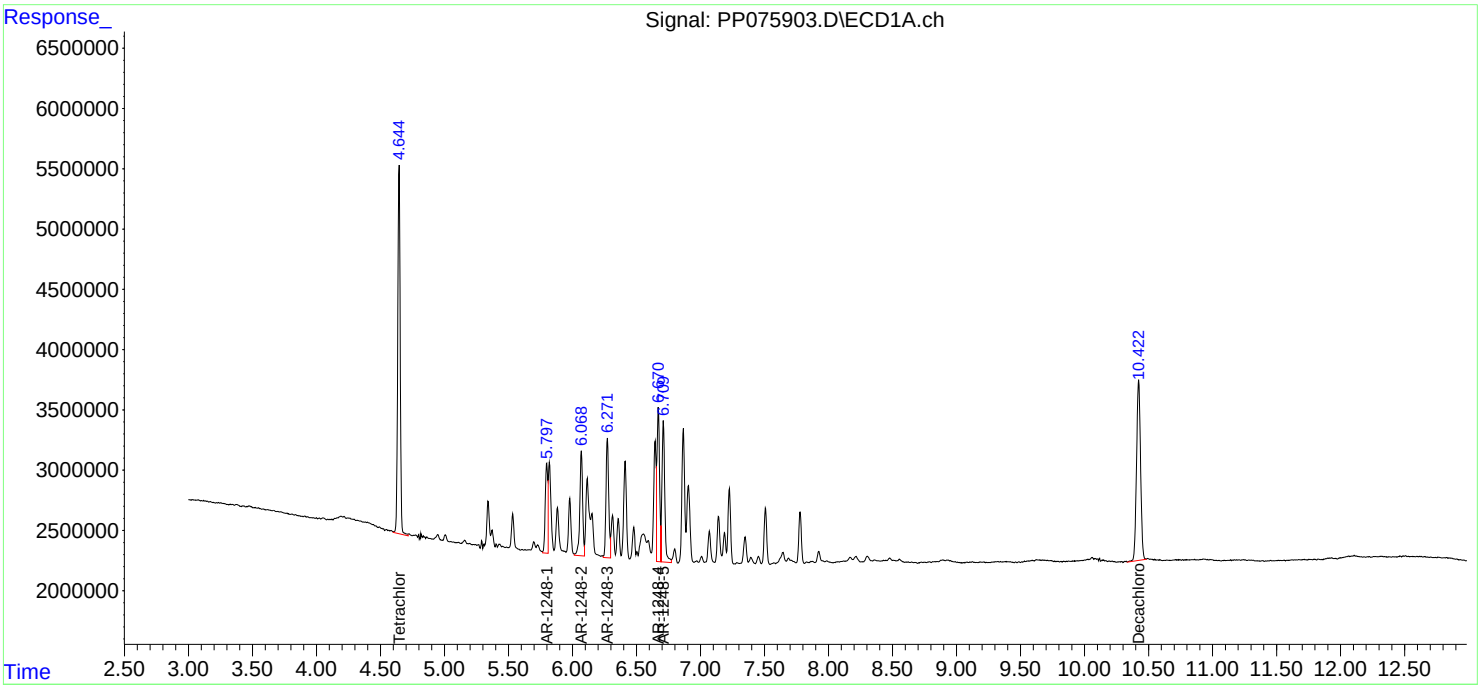
Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

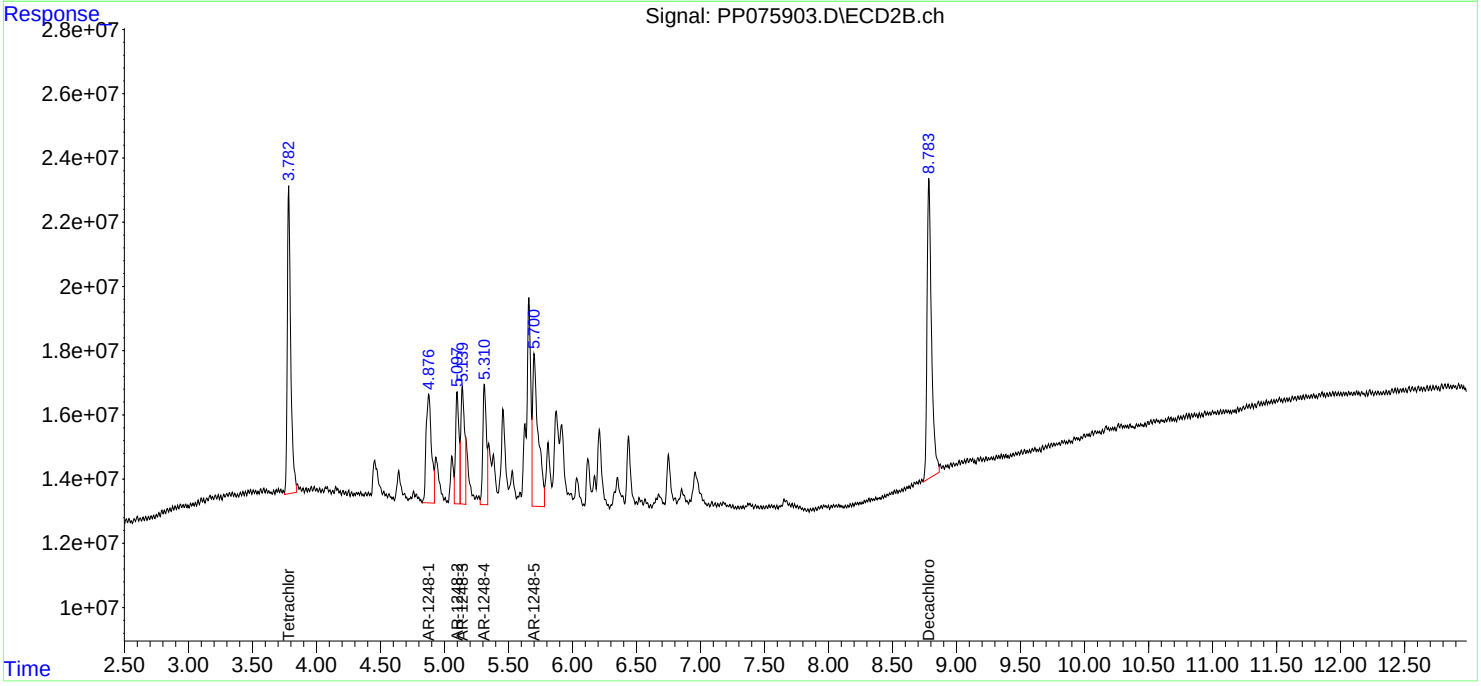
Manual Integrations APPROVED

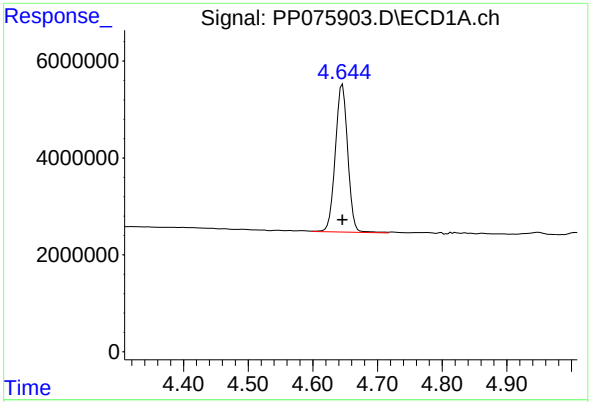
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







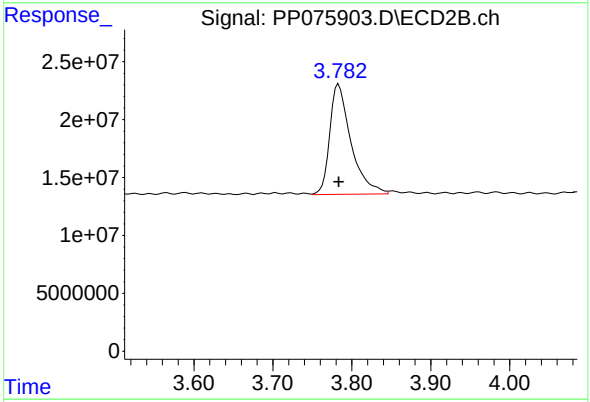
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 40662408
Conc: 26.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

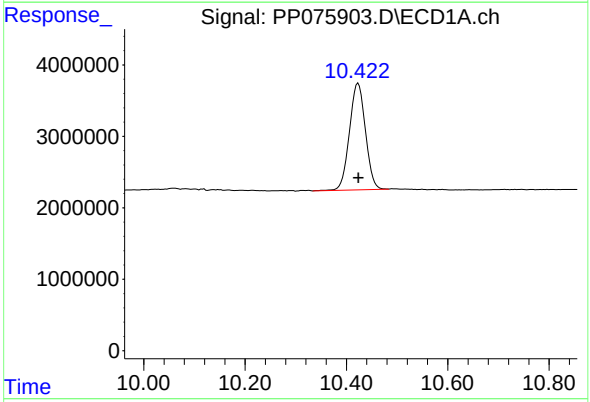
Manual Integrations APPROVED

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



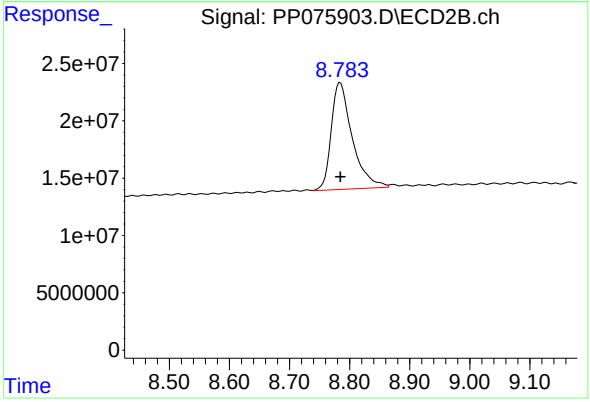
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 178134040
Conc: 24.24 ng/ml



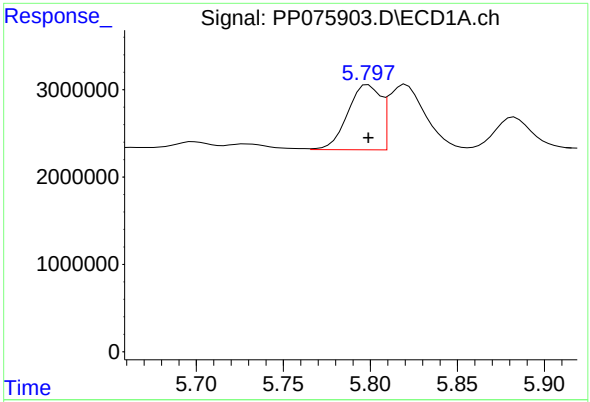
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 32672168
Conc: 26.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 226265629
Conc: 24.80 ng/ml



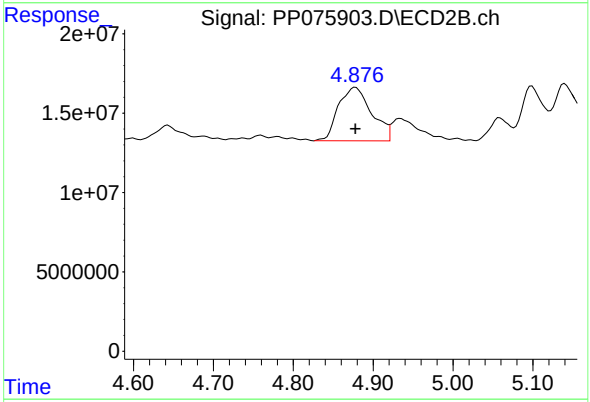
#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 9780476
Conc: 269.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

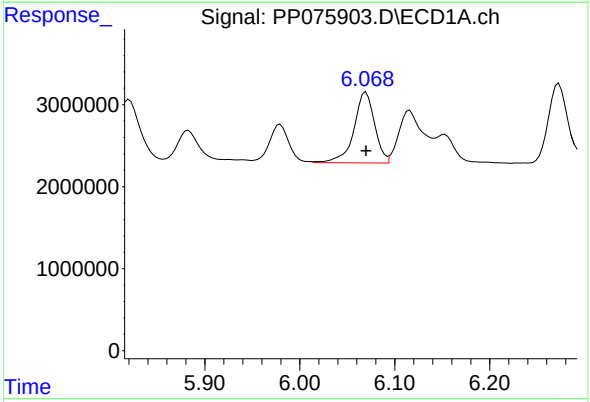
Manual Integrations APPROVED

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



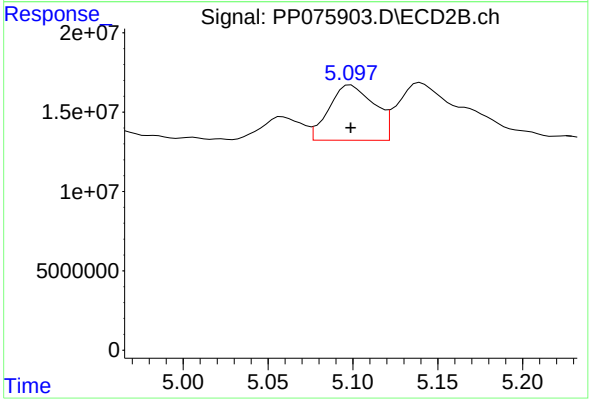
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.000 min
Response: 97652835
Conc: 257.28 ng/ml



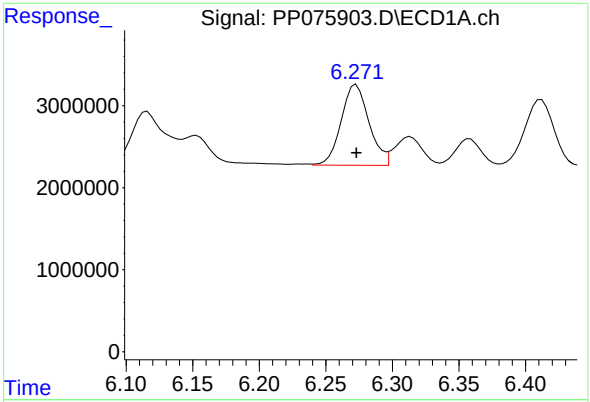
#22 AR-1248-2

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 13110467
Conc: 269.98 ng/ml



#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.000 min
Response: 64450290
Conc: 265.66 ng/ml



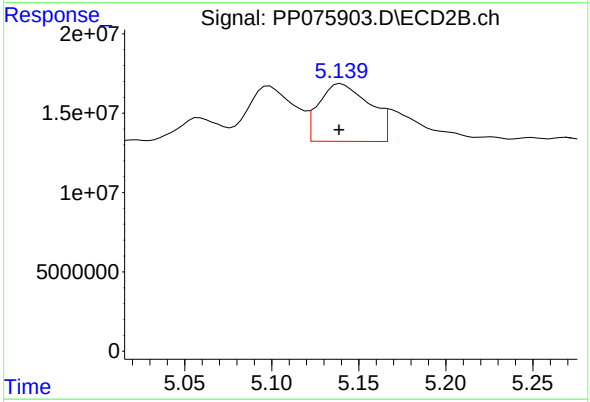
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 14333820
Conc: 260.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

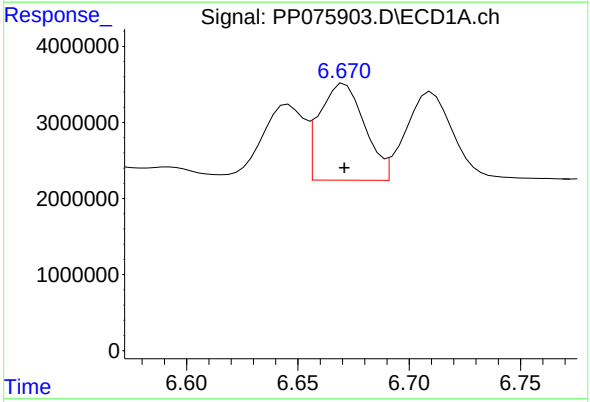
Manual Integrations APPROVED

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



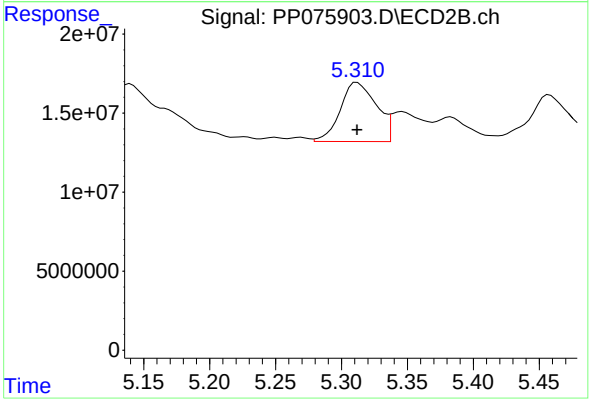
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 75193193
Conc: 273.02 ng/ml m



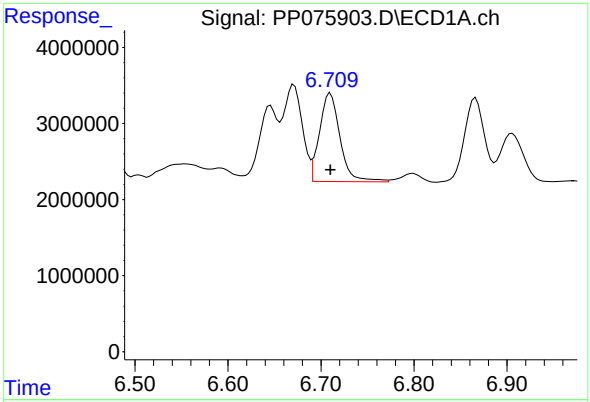
#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 18043522
Conc: 273.10 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.000 min
Response: 71202640
Conc: 254.32 ng/ml



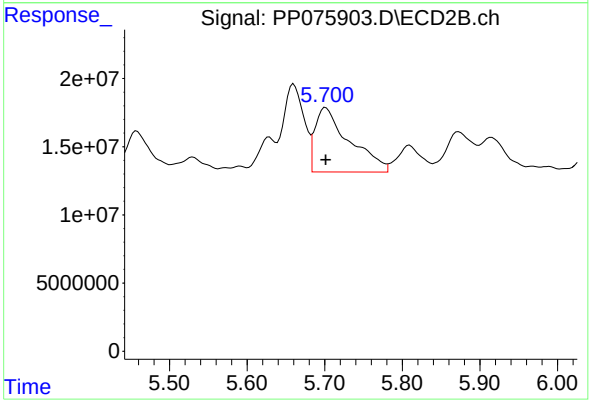
#25 AR-1248-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 17824378
Conc: 277.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC250

Manual Integrations
APPROVED

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



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.000 min
Response: 145007619
Conc: 265.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

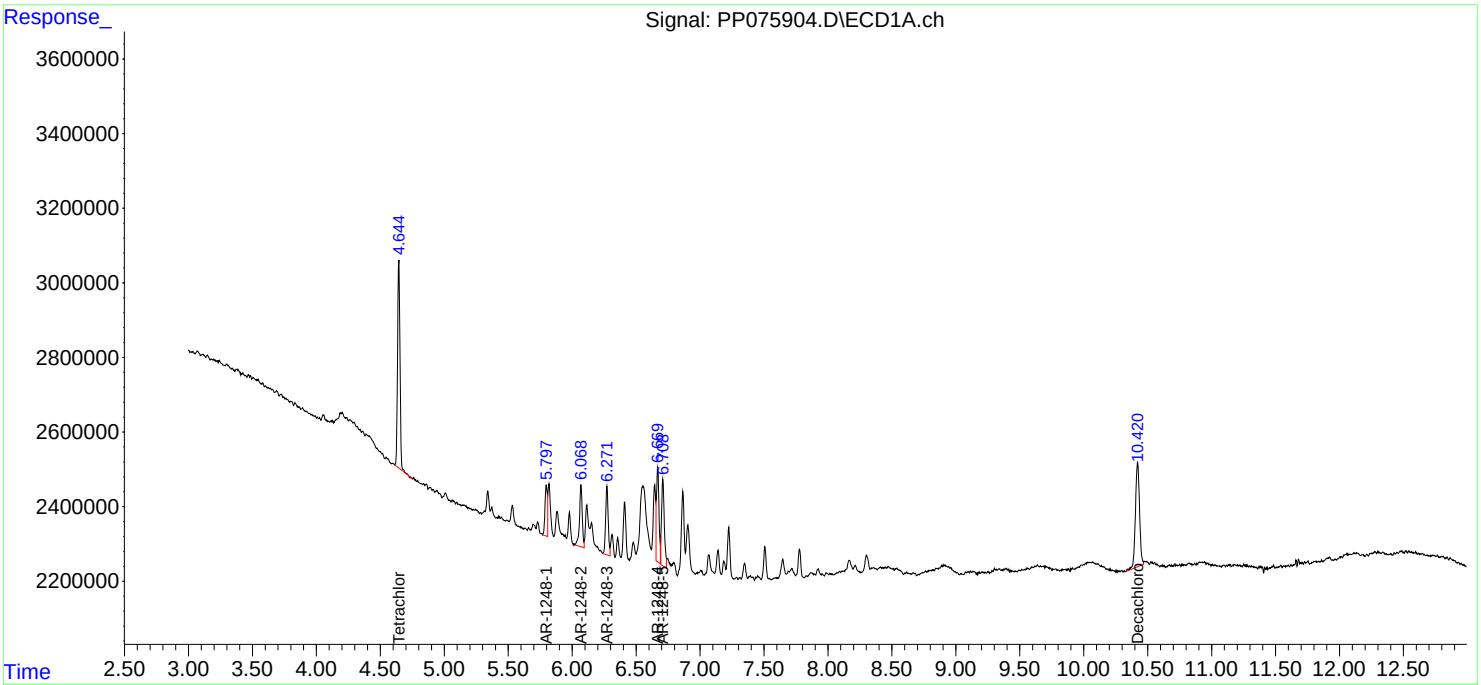
Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

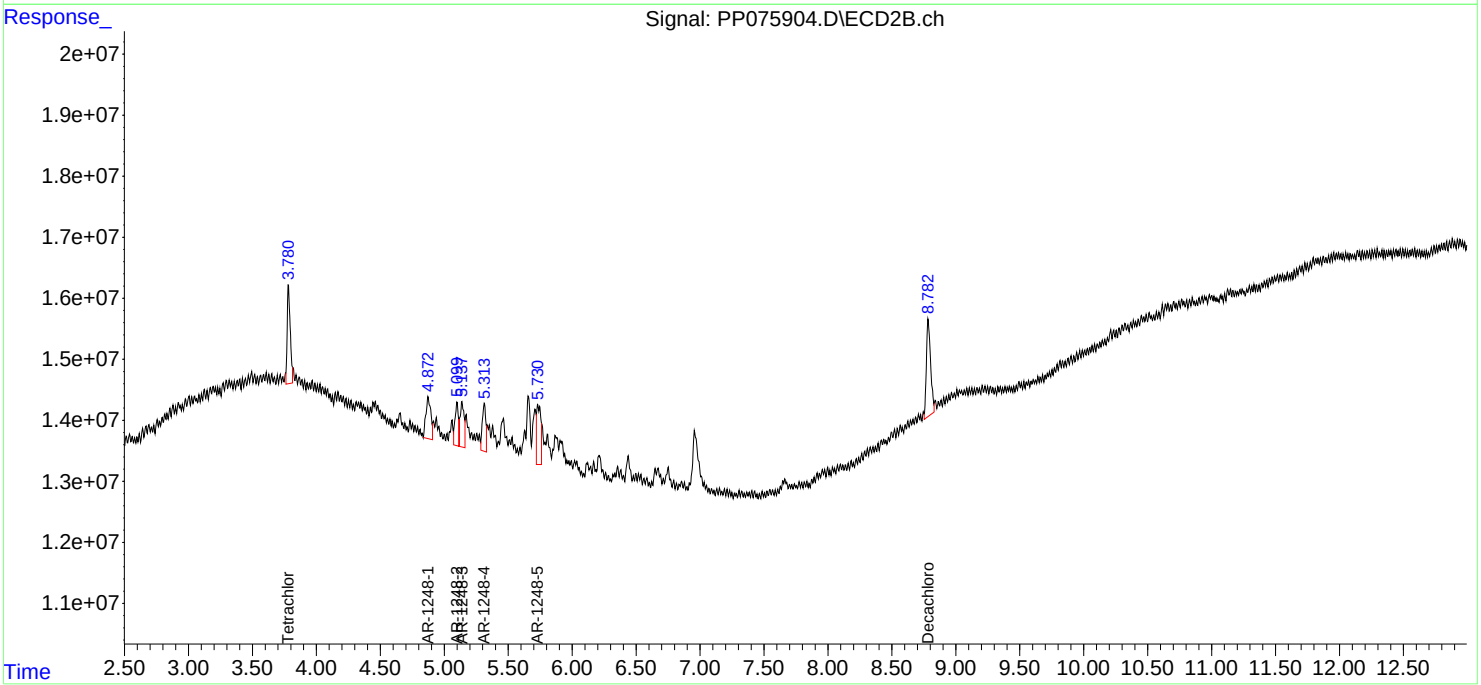
Manual Integrations APPROVED

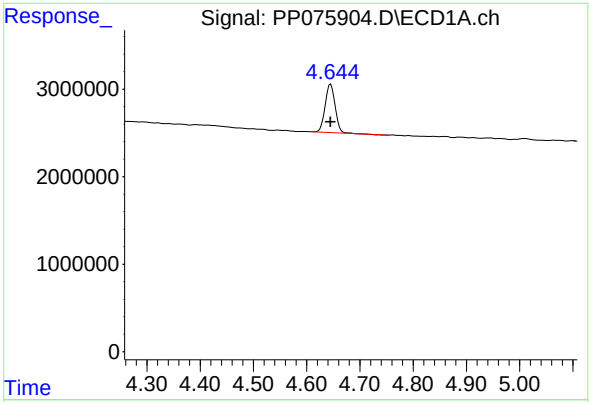
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







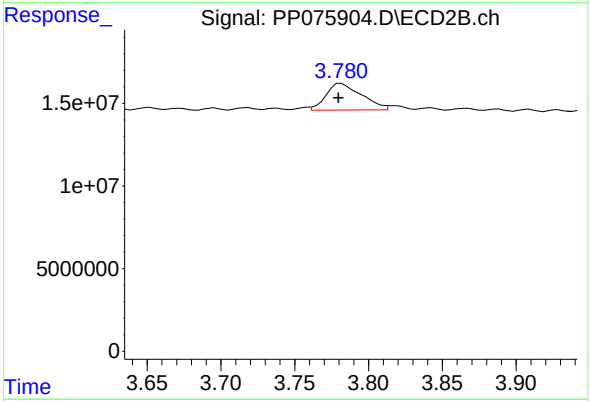
#1 Tetrachloro-m-xylene

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 7254273
Conc: 4.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

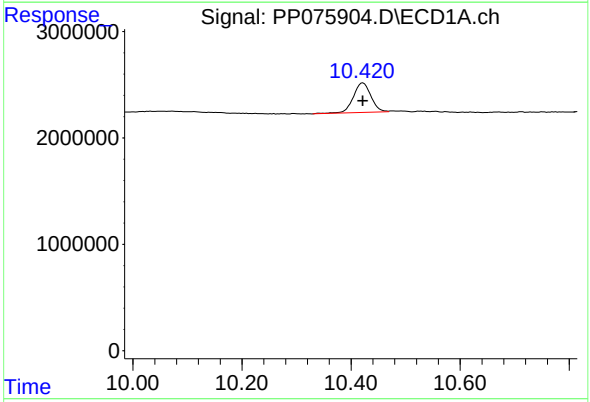
Manual Integrations APPROVED

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



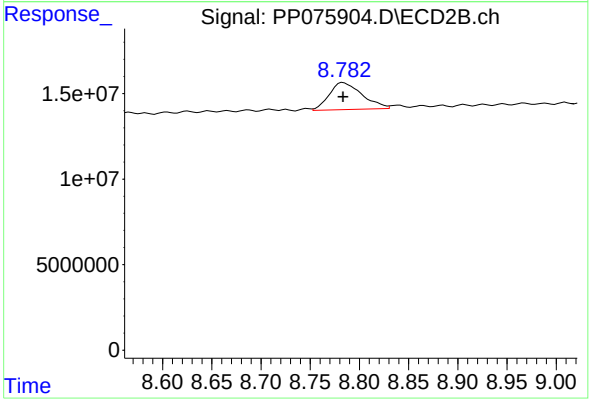
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 27080772
Conc: 3.91 ng/ml m



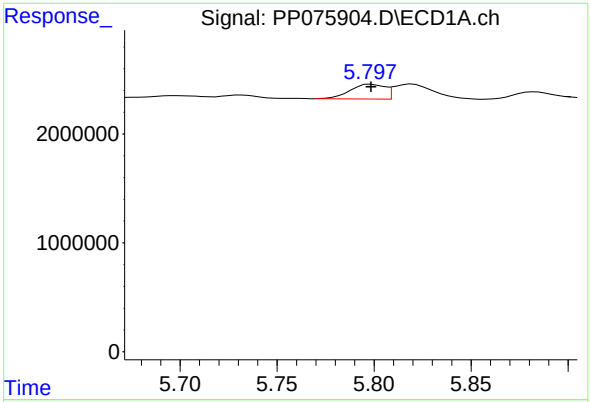
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 6253432
Conc: 5.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.783 min
Delta R.T.: 0.000 min
Response: 36720401
Conc: 4.19 ng/ml



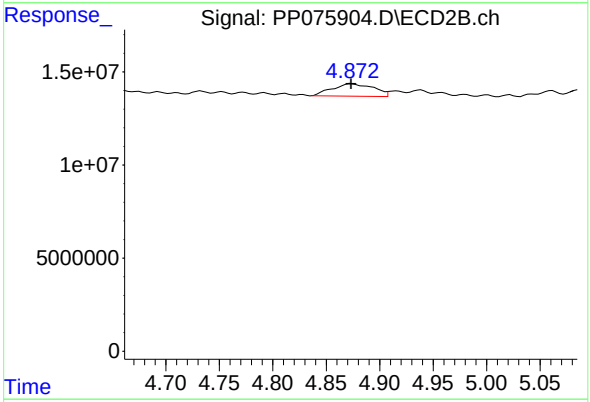
#21 AR-1248-1

R.T.: 5.798 min
Delta R.T.: 0.000 min
Response: 1700512
Conc: 47.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

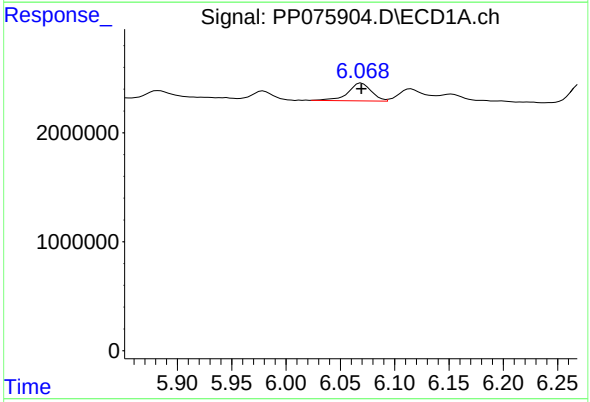
Manual Integrations APPROVED

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



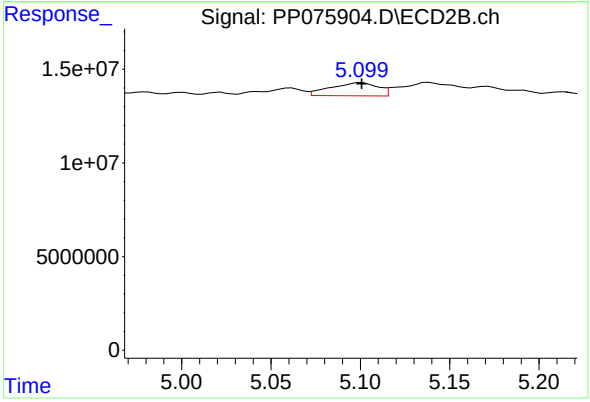
#21 AR-1248-1

R.T.: 4.873 min
Delta R.T.: 0.000 min
Response: 17991268
Conc: 47.90 ng/ml



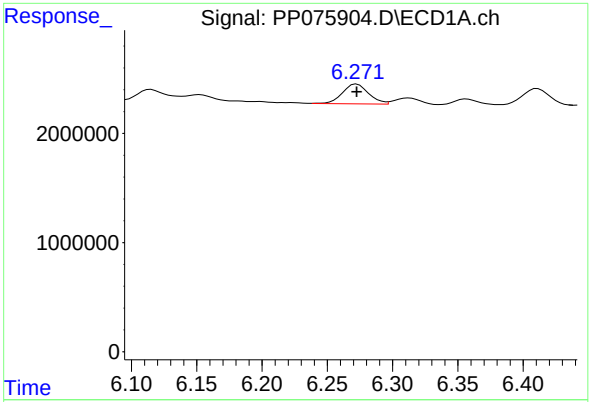
#22 AR-1248-2

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 2473817
Conc: 50.75 ng/ml



#22 AR-1248-2

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 12956514
Conc: 52.69 ng/ml



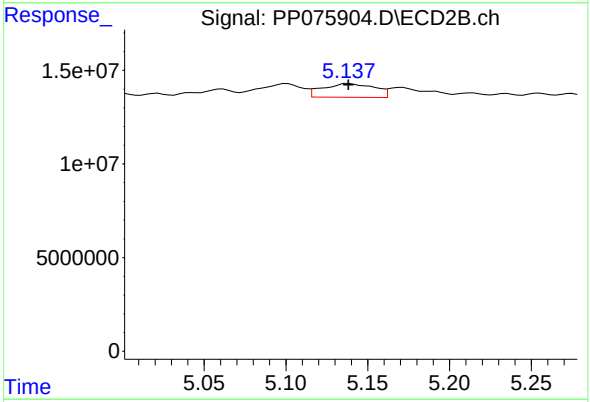
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 2547901
Conc: 46.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

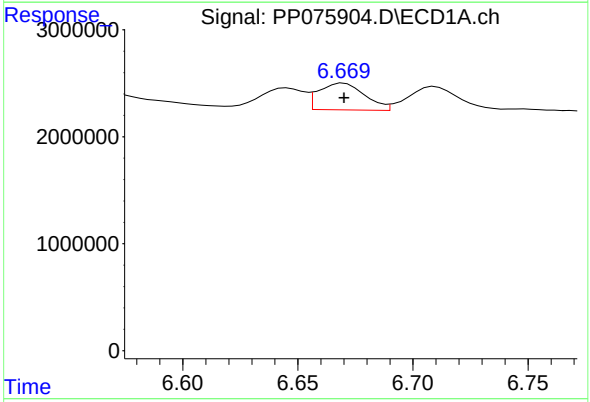
Manual Integrations APPROVED

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



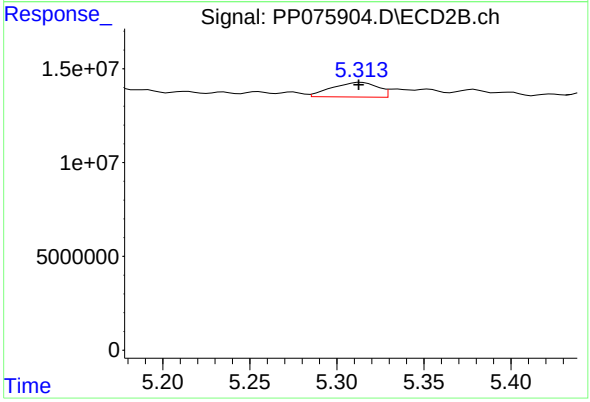
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.000 min
Response: 16065921
Conc: 56.00 ng/ml



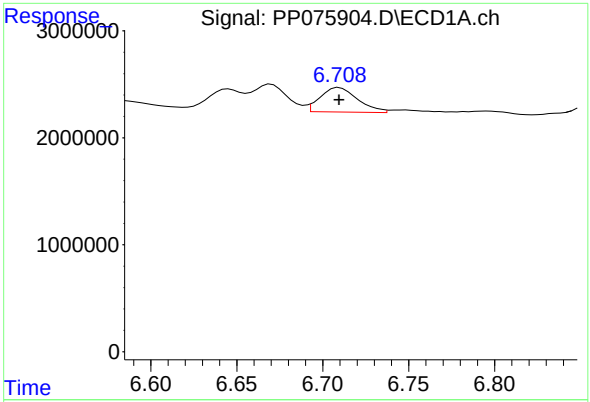
#24 AR-1248-4

R.T.: 6.669 min
Delta R.T.: -0.001 min
Response: 3376964
Conc: 49.22 ng/ml m



#24 AR-1248-4

R.T.: 5.313 min
Delta R.T.: 0.000 min
Response: 14683789
Conc: 51.70 ng/ml m



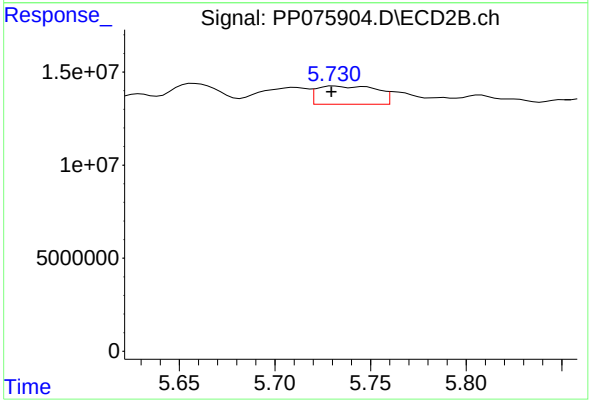
#25 AR-1248-5

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 3390515
Conc: 50.21 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC050

Manual Integrations APPROVED

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



#25 AR-1248-5

R.T.: 5.730 min
Delta R.T.: 0.000 min
Response: 20852592
Conc: 38.78 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

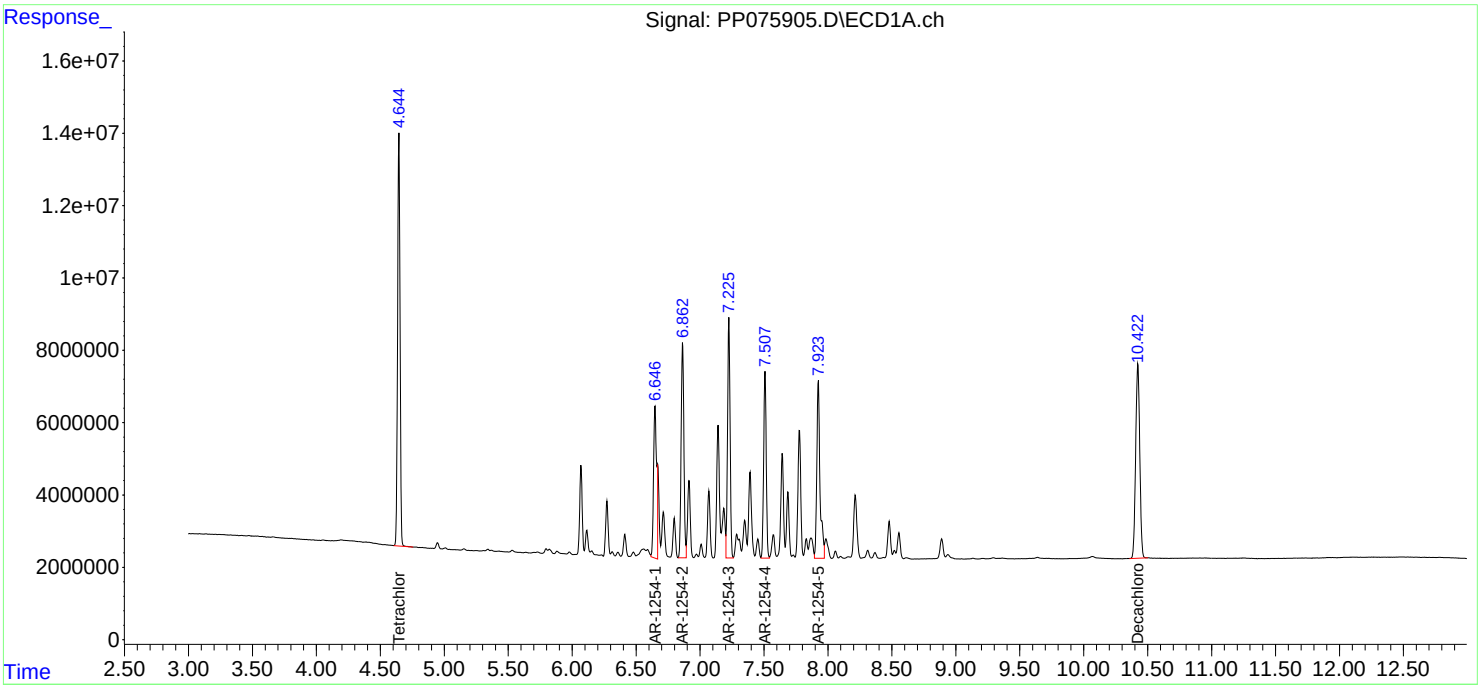
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

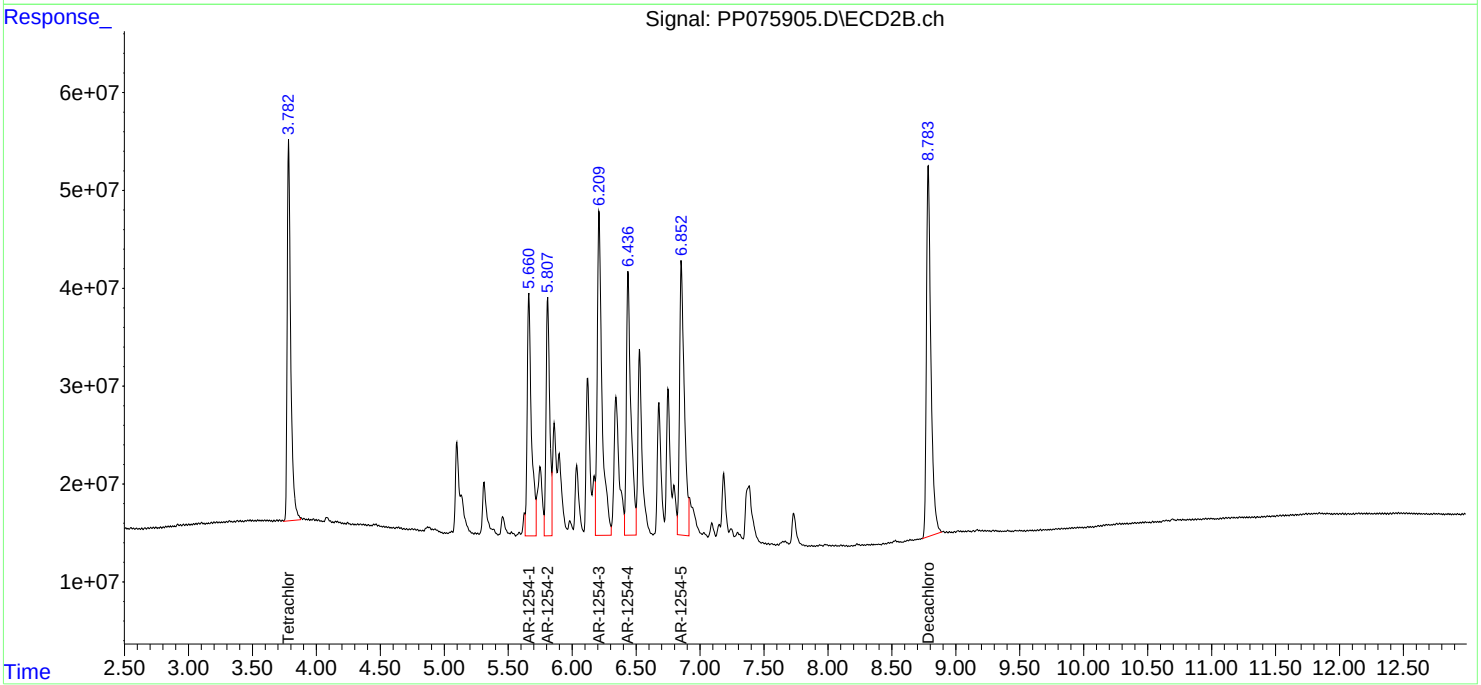
Manual Integrations APPROVED

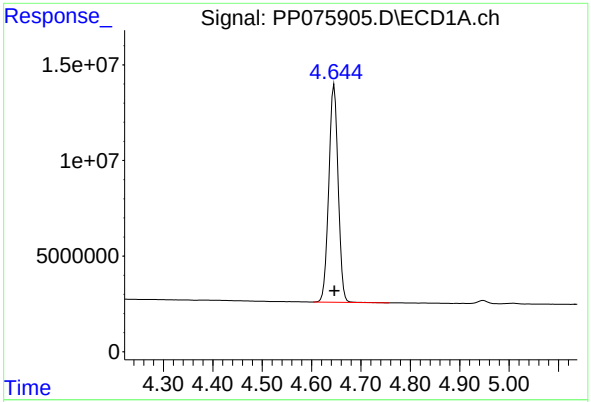
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







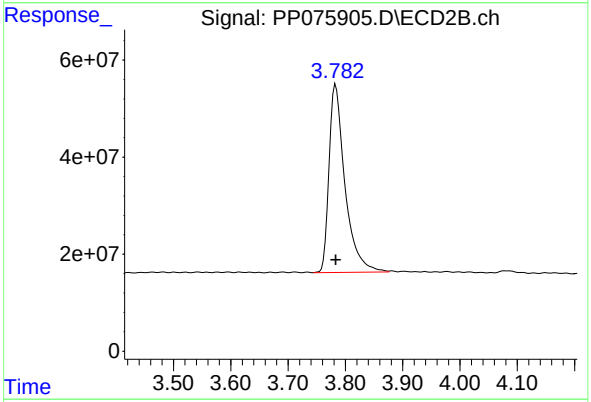
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 149921798
Conc: 97.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

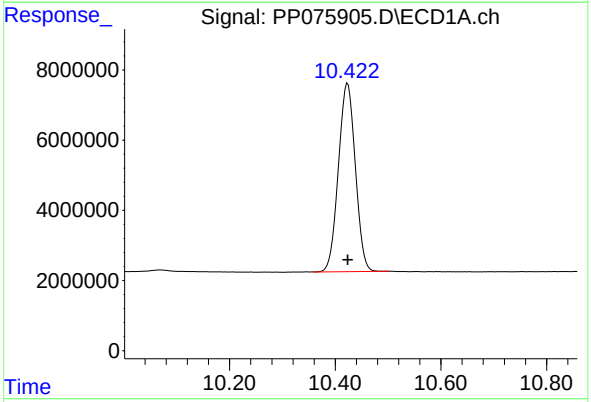
Manual Integrations APPROVED

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



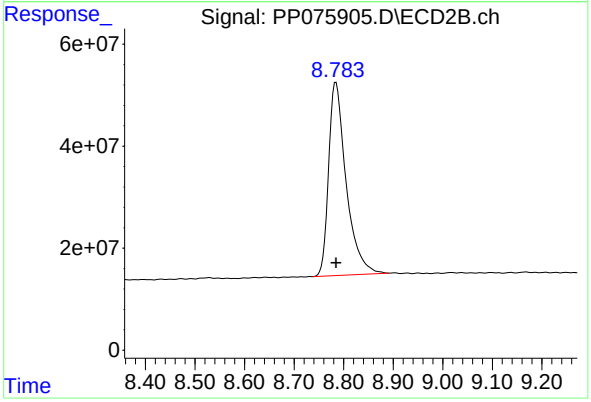
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 746743420
Conc: 98.62 ng/ml



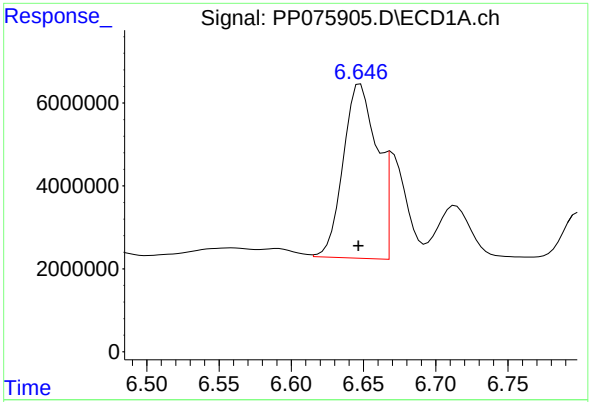
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 119497023
Conc: 95.94 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 929424717
Conc: 97.67 ng/ml



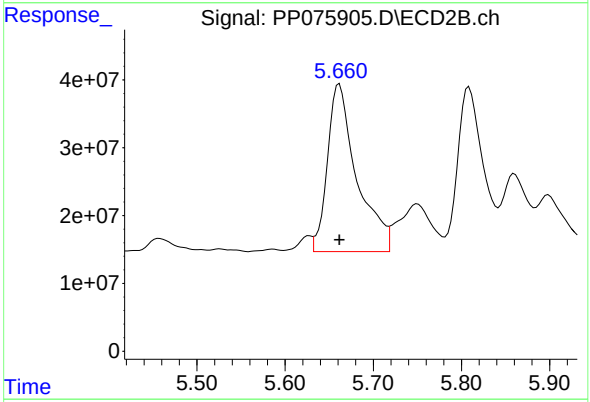
#26 AR-1254-1

R.T.: 6.646 min
Delta R.T.: 0.000 min
Response: 66261960
Conc: 872.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

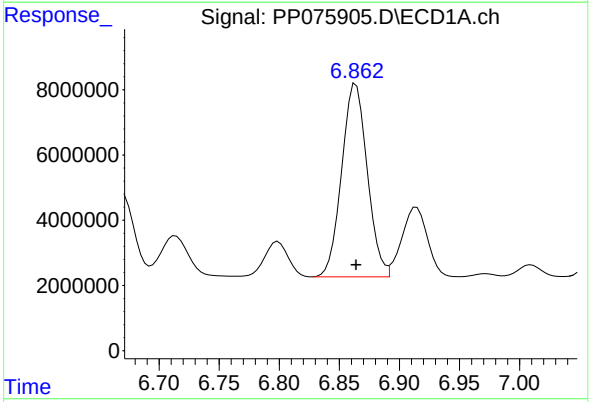
Manual Integrations APPROVED

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



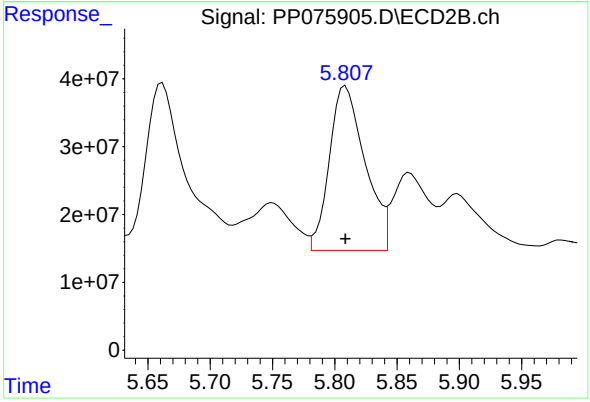
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 570889099
Conc: 970.61 ng/ml



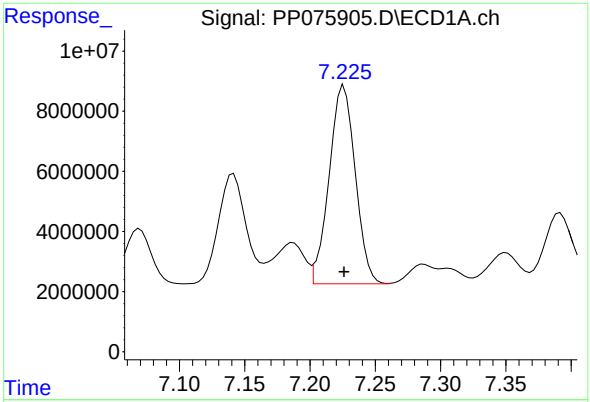
#27 AR-1254-2

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 87851253
Conc: 952.21 ng/ml



#27 AR-1254-2

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 484331632
Conc: 965.22 ng/ml



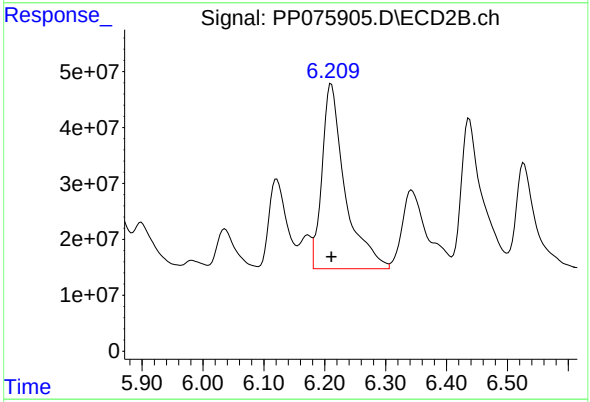
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 92035771
Conc: 959.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

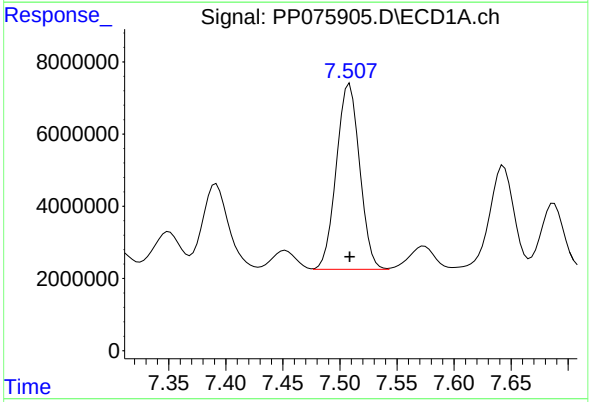
Manual Integrations APPROVED

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



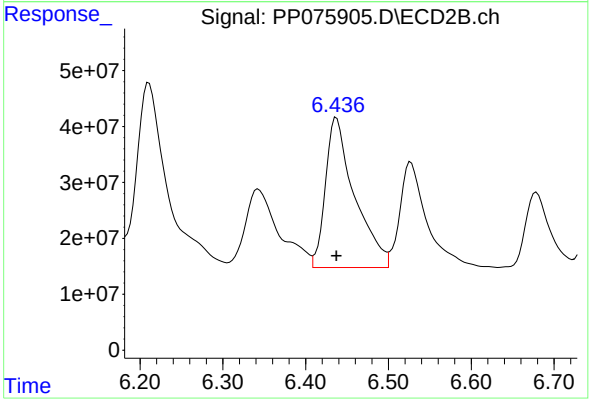
#28 AR-1254-3

R.T.: 6.211 min
Delta R.T.: 0.000 min
Response: 866771846
Conc: 985.52 ng/ml



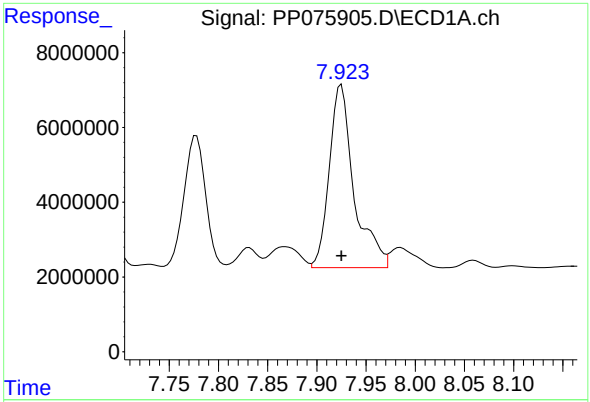
#29 AR-1254-4

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 73136868
Conc: 959.00 ng/ml



#29 AR-1254-4

R.T.: 6.437 min
Delta R.T.: 0.000 min
Response: 656603428
Conc: 987.57 ng/ml



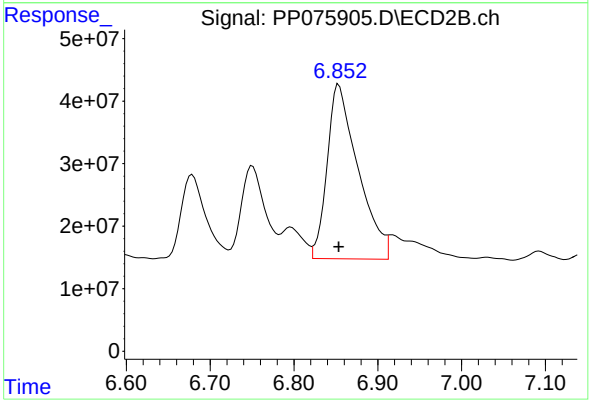
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 85440842
Conc: 961.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 714919063
Conc: 997.77 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

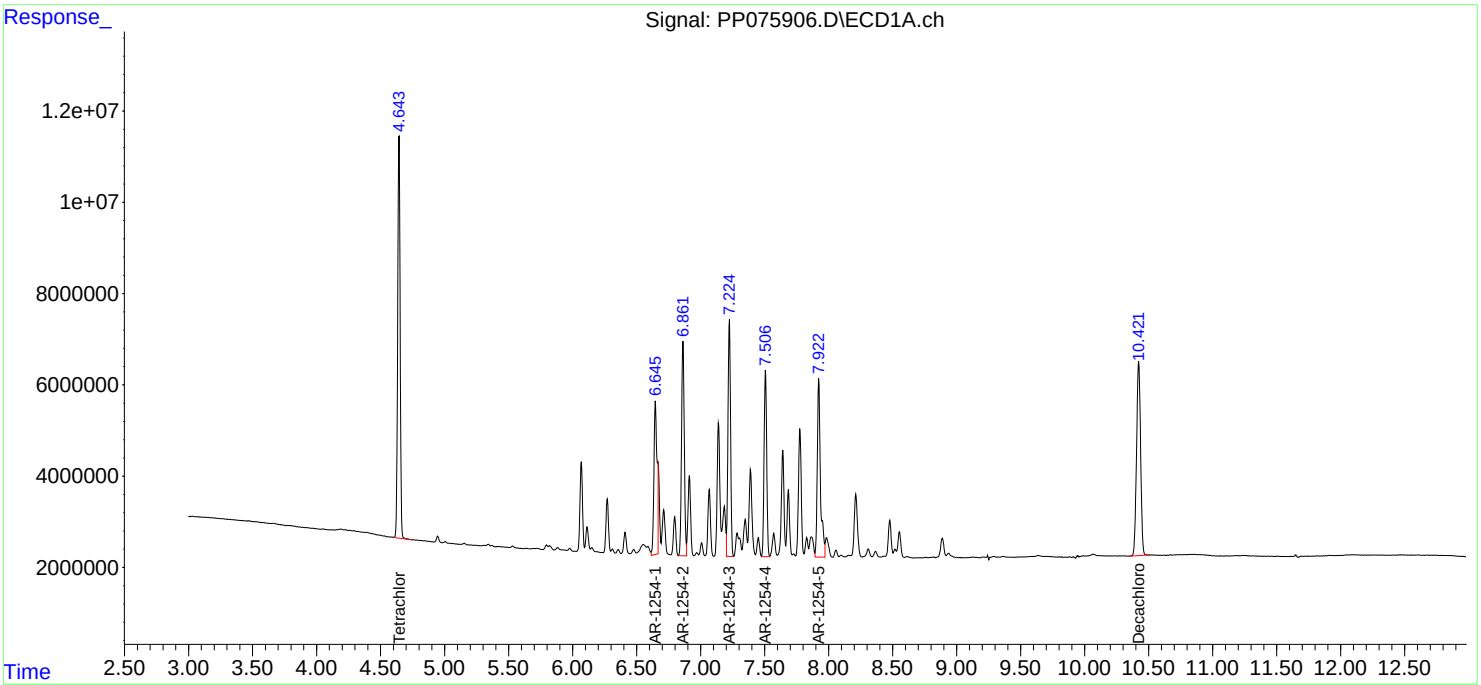
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

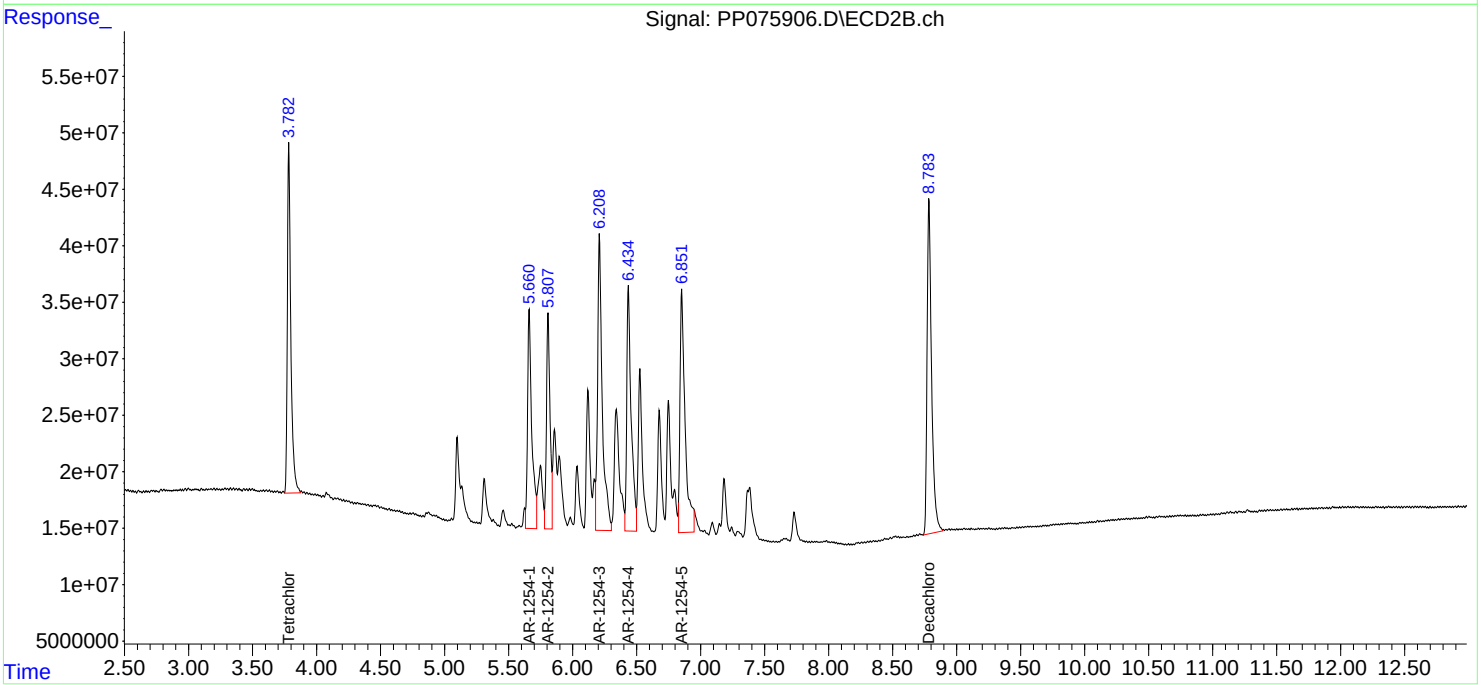
Manual Integrations APPROVED

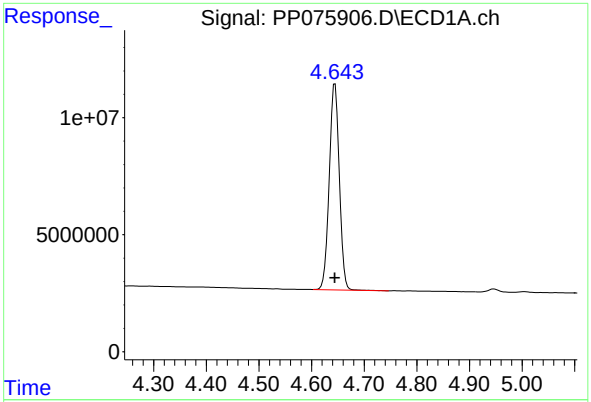
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







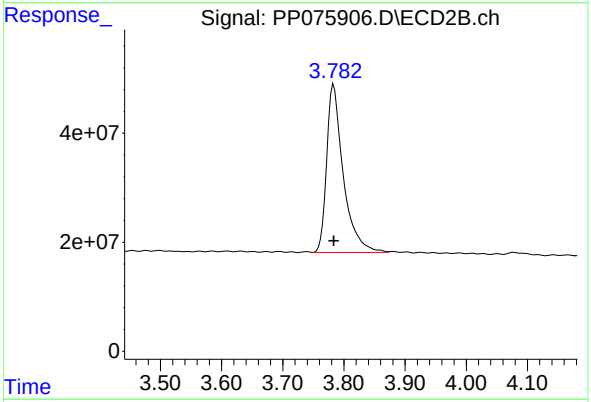
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 116937802
Conc: 75.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

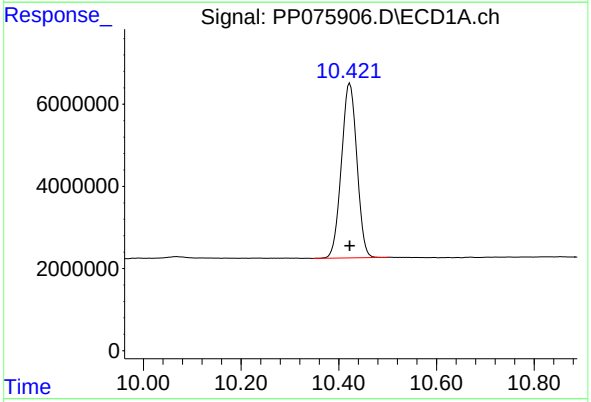
Manual Integrations APPROVED

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



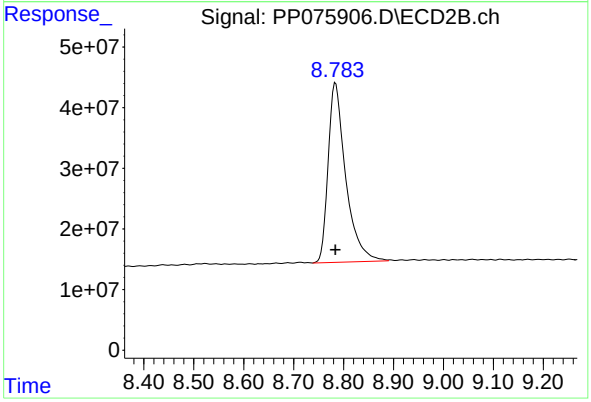
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 581966110
Conc: 76.23 ng/ml



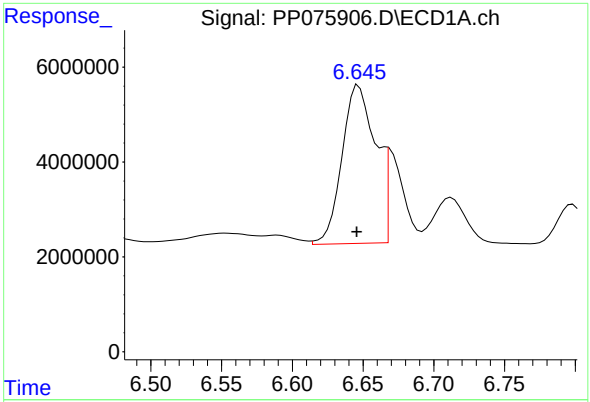
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 93392685
Conc: 74.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 723915885
Conc: 75.71 ng/ml



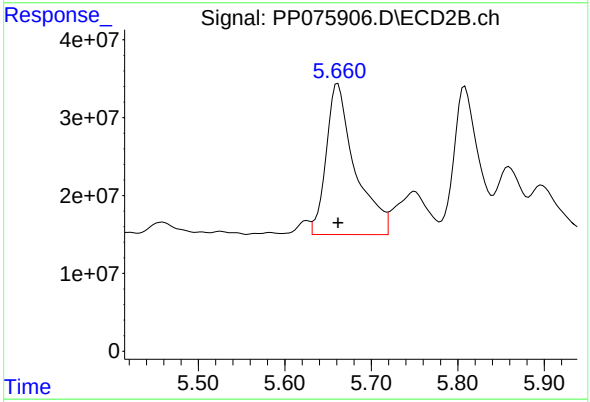
#26 AR-1254-1

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 53923759
Conc: 731.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

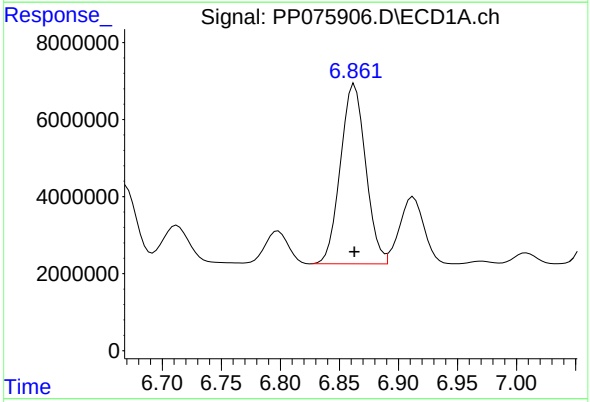
Manual Integrations APPROVED

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



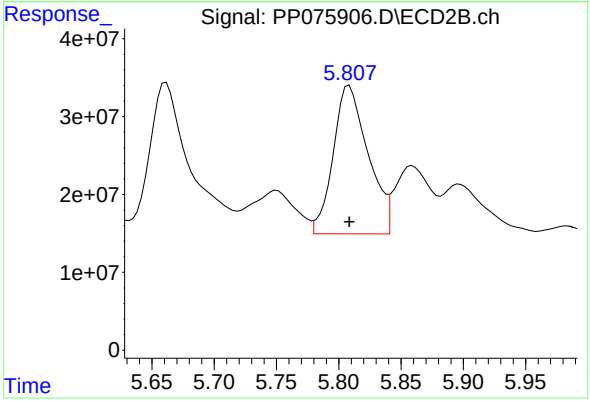
#26 AR-1254-1

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 447799637
Conc: 757.52 ng/ml



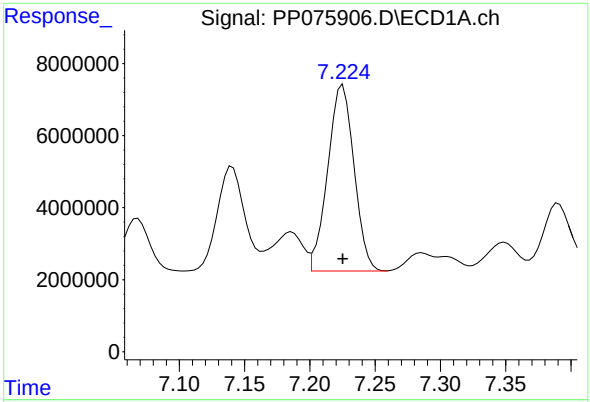
#27 AR-1254-2

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 69427935
Conc: 751.68 ng/ml



#27 AR-1254-2

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 372619097
Conc: 745.04 ng/ml



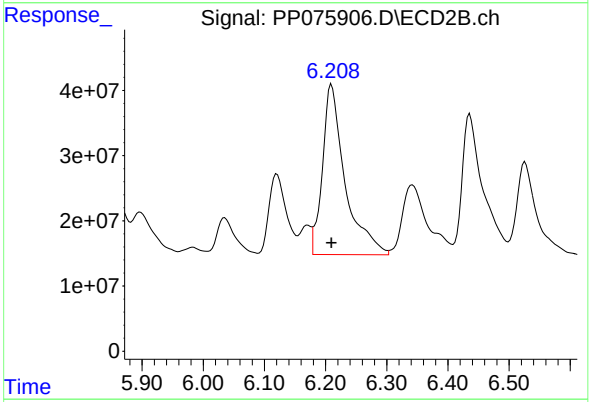
#28 AR-1254-3

R.T.: 7.225 min
Delta R.T.: 0.000 min
Response: 72675518
Conc: 755.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

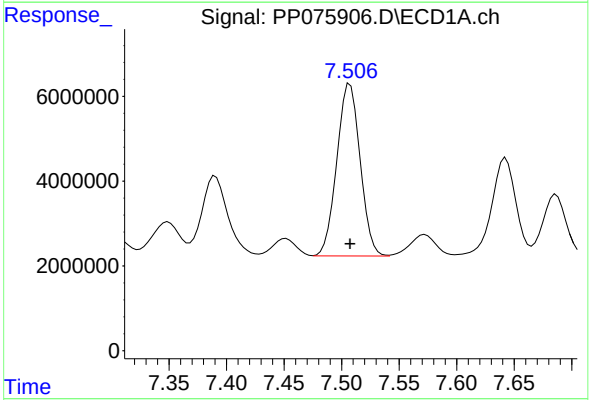
Manual Integrations APPROVED

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



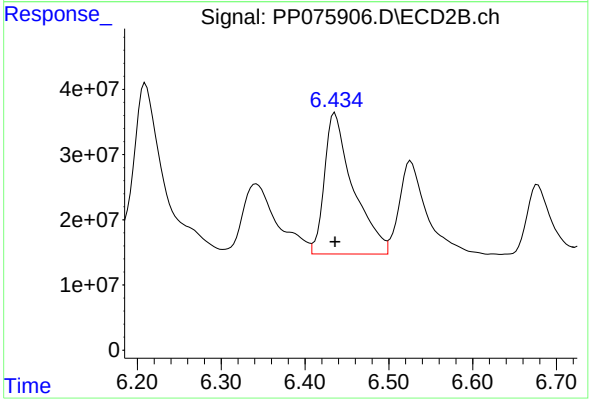
#28 AR-1254-3

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 670194370
Conc: 757.97 ng/ml



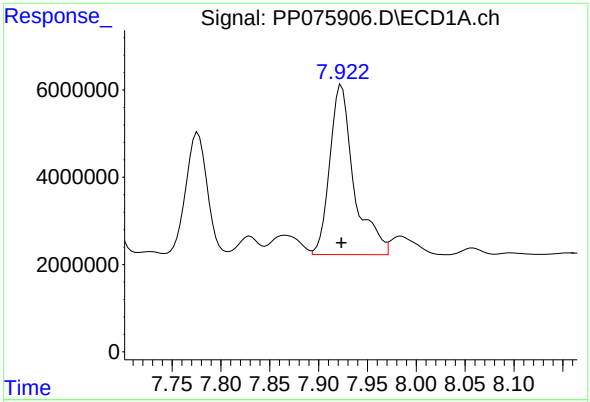
#29 AR-1254-4

R.T.: 7.507 min
Delta R.T.: 0.000 min
Response: 57517400
Conc: 752.79 ng/ml



#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 515383611
Conc: 766.59 ng/ml



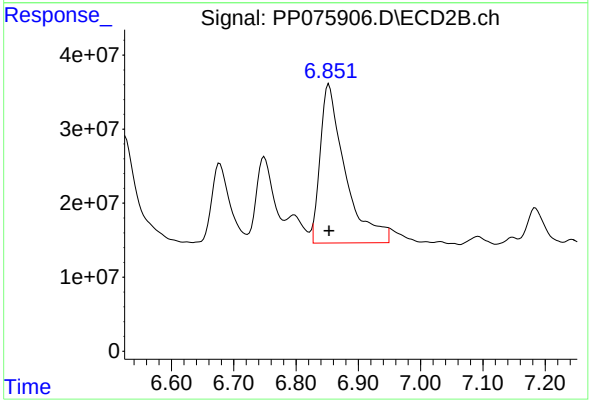
#30 AR-1254-5

R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 67290078
Conc: 754.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.851 min
Delta R.T.: -0.001 min
Response: 595394733
Conc: 785.34 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

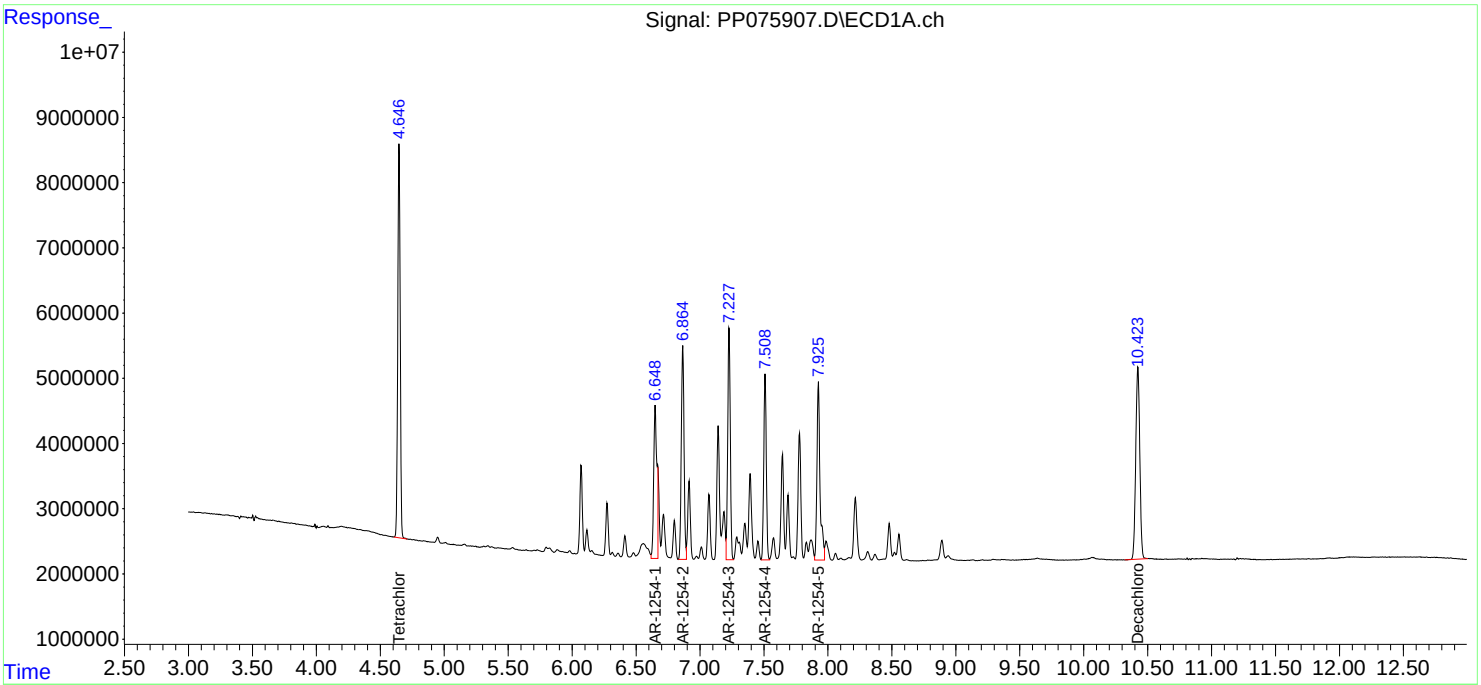
Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

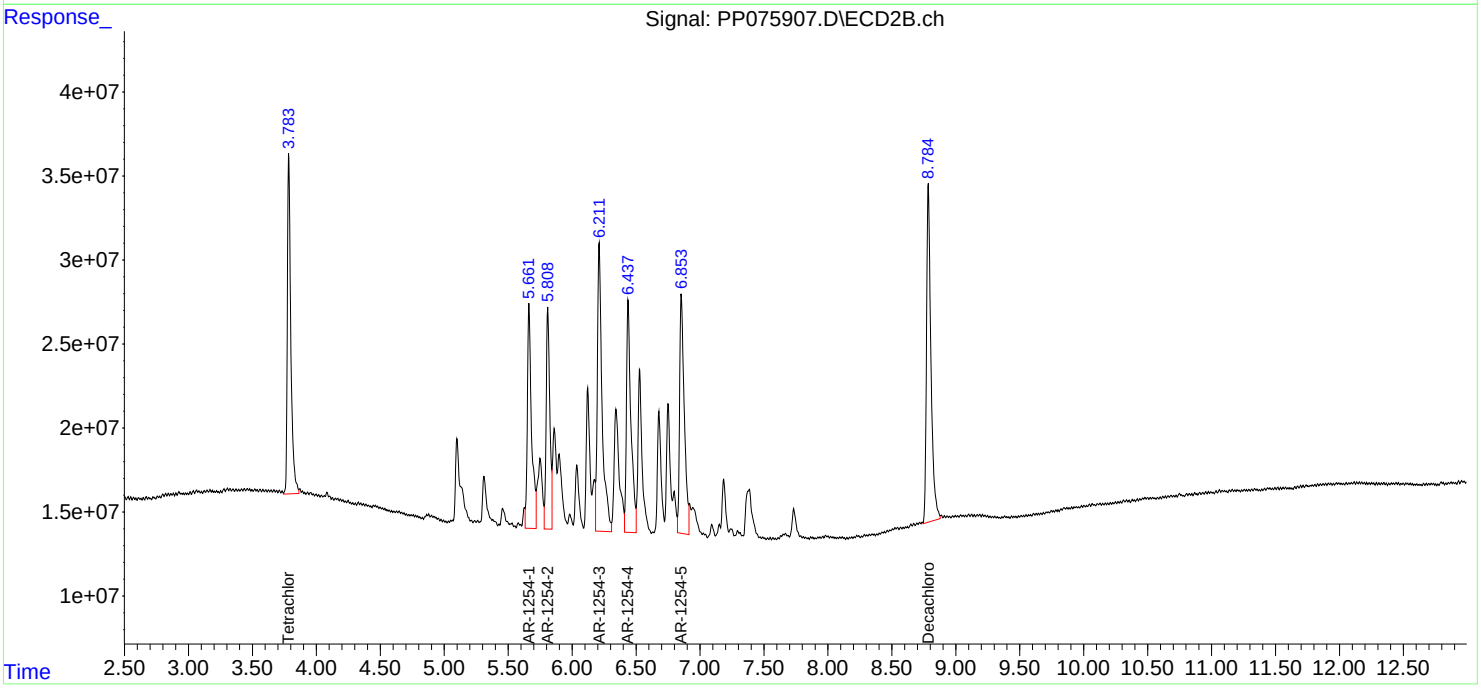
Manual Integrations APPROVED

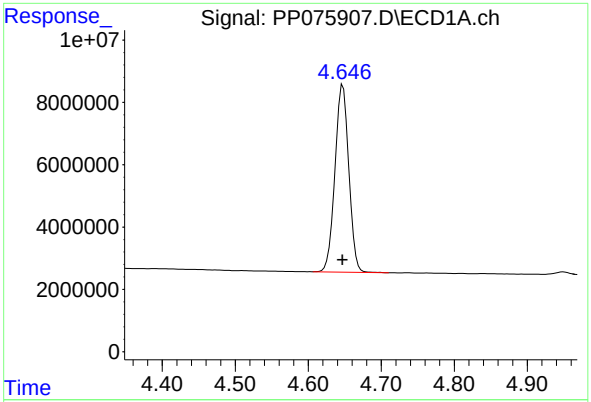
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







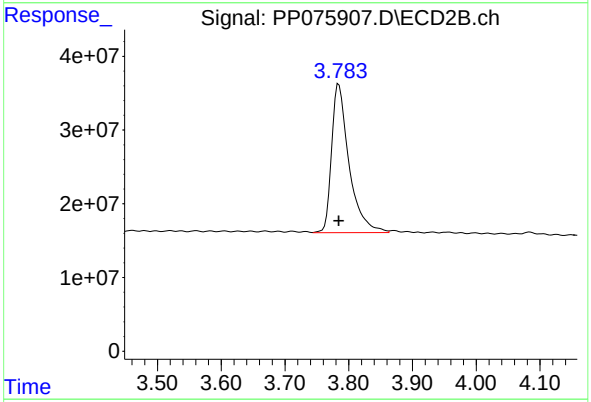
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 79163213
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

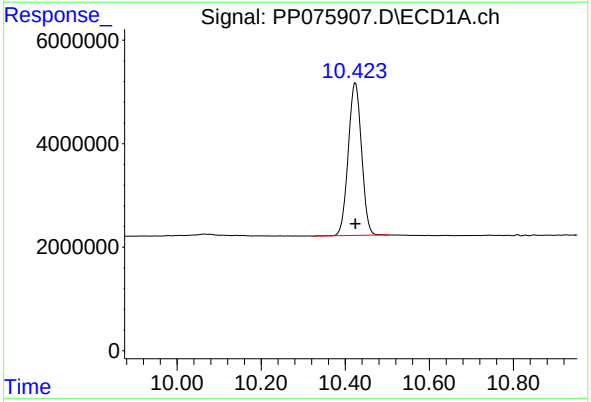
Manual Integrations APPROVED

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



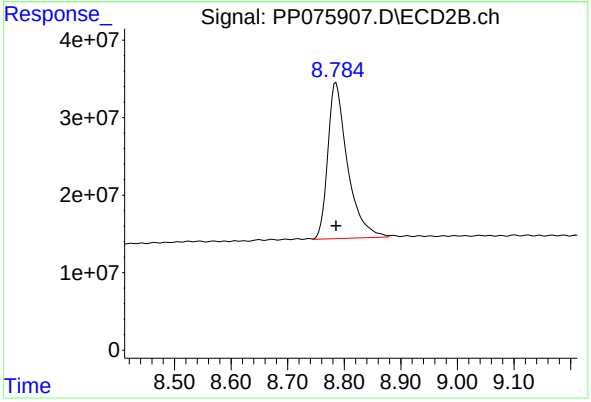
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 383795177
Conc: 50.00 ng/ml



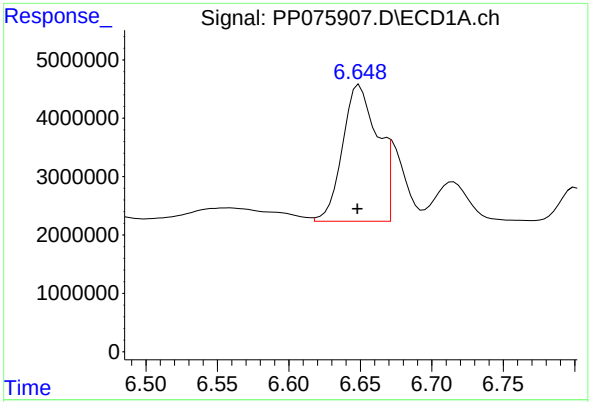
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 64802936
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 486859913
Conc: 50.00 ng/ml



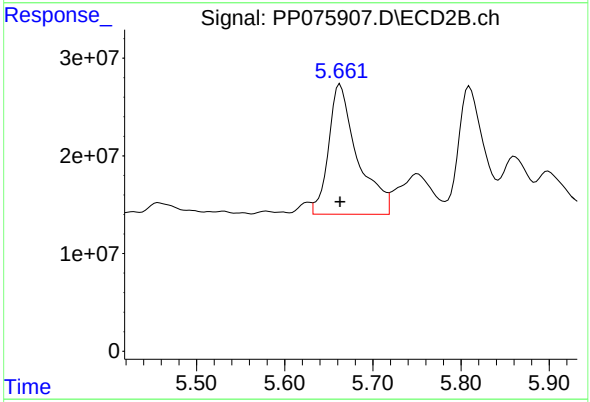
#26 AR-1254-1

R.T.: 6.648 min
Delta R.T.: 0.000 min
Response: 39135010
Conc: 480.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

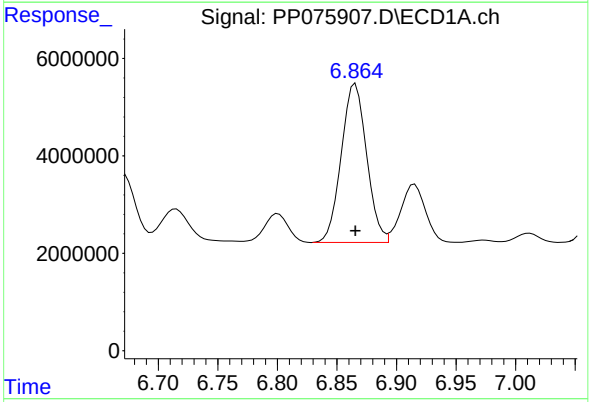
Manual Integrations APPROVED

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



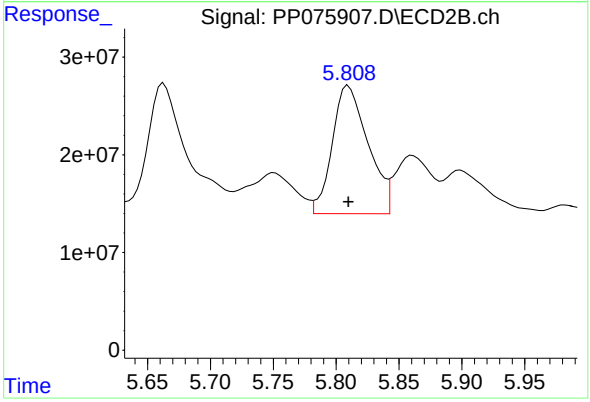
#26 AR-1254-1

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 302733264
Conc: 500.00 ng/ml



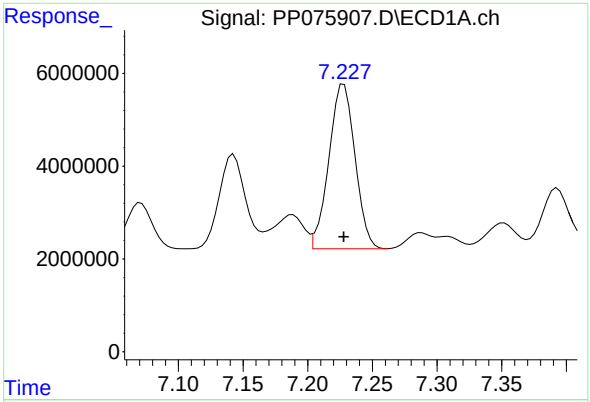
#27 AR-1254-2

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 48334685
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 259620132
Conc: 500.00 ng/ml



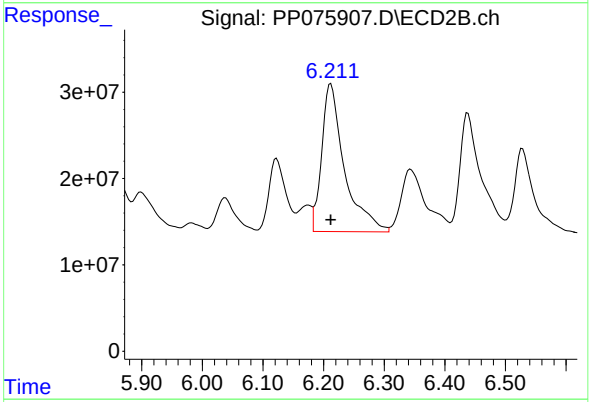
#28 AR-1254-3

R.T.: 7.228 min
Delta R.T.: 0.000 min
Response: 49893996
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

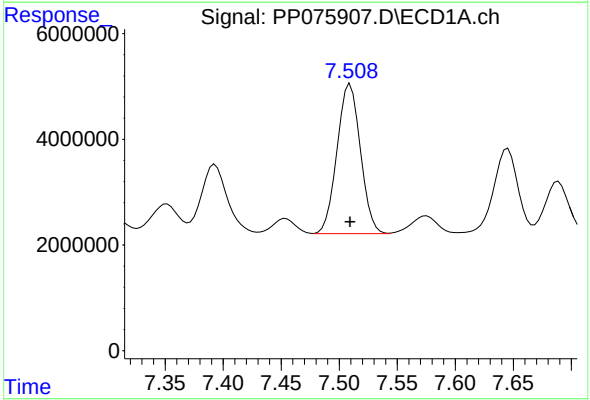
Manual Integrations APPROVED

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



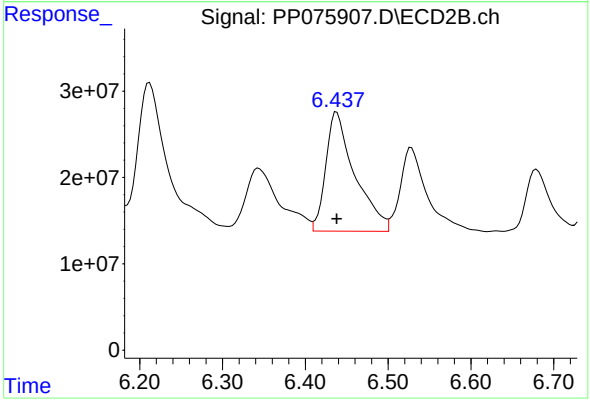
#28 AR-1254-3

R.T.: 6.212 min
Delta R.T.: 0.000 min
Response: 446117931
Conc: 500.00 ng/ml



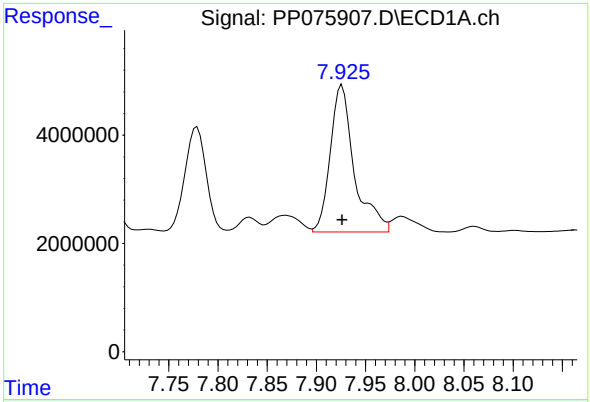
#29 AR-1254-4

R.T.: 7.510 min
Delta R.T.: 0.000 min
Response: 39695143
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.438 min
Delta R.T.: 0.000 min
Response: 336566136
Conc: 500.00 ng/ml



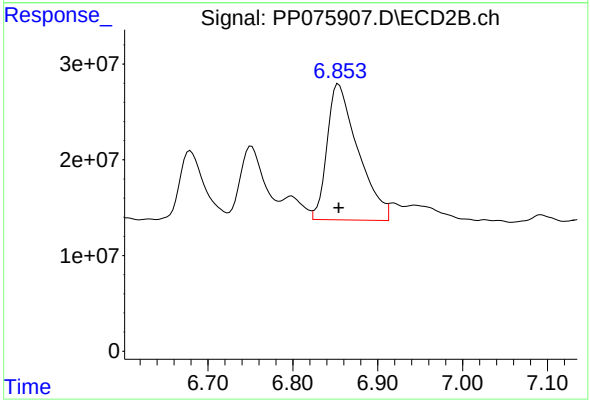
#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 46126096
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 359055575
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

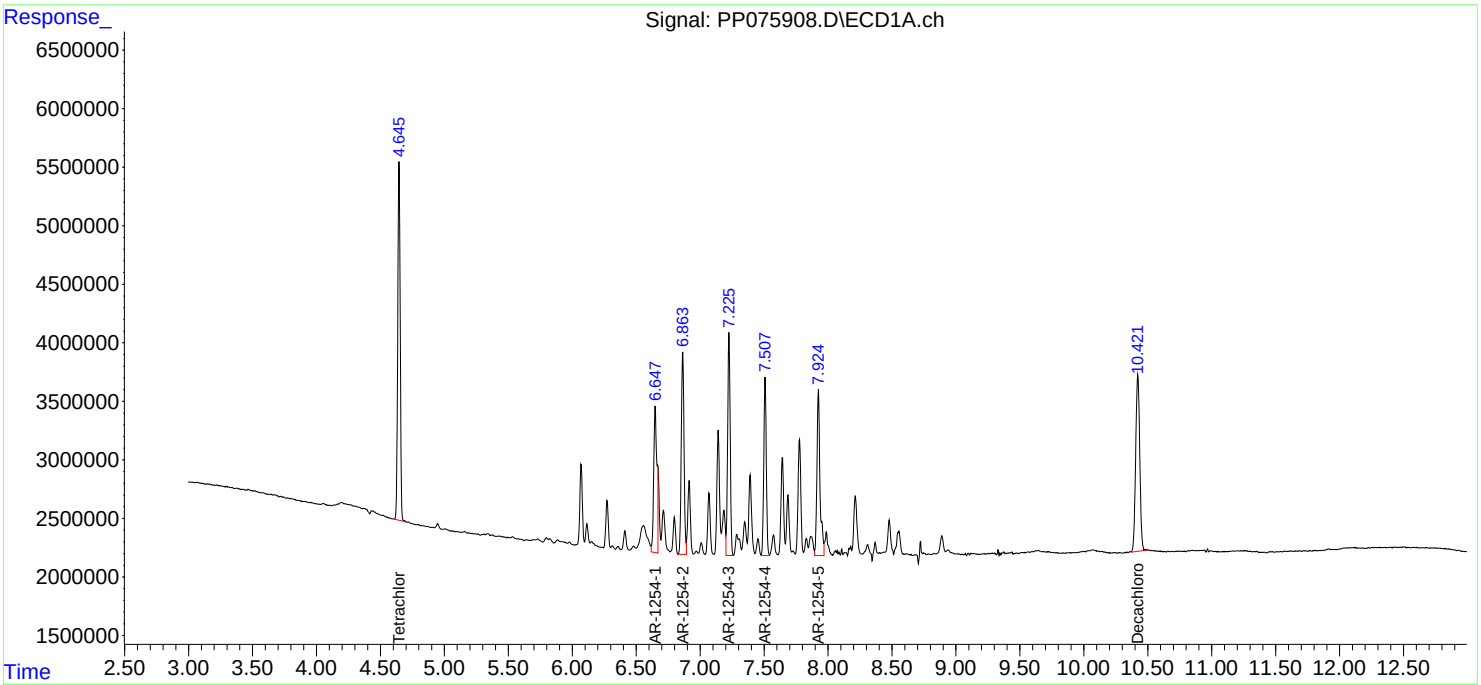
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

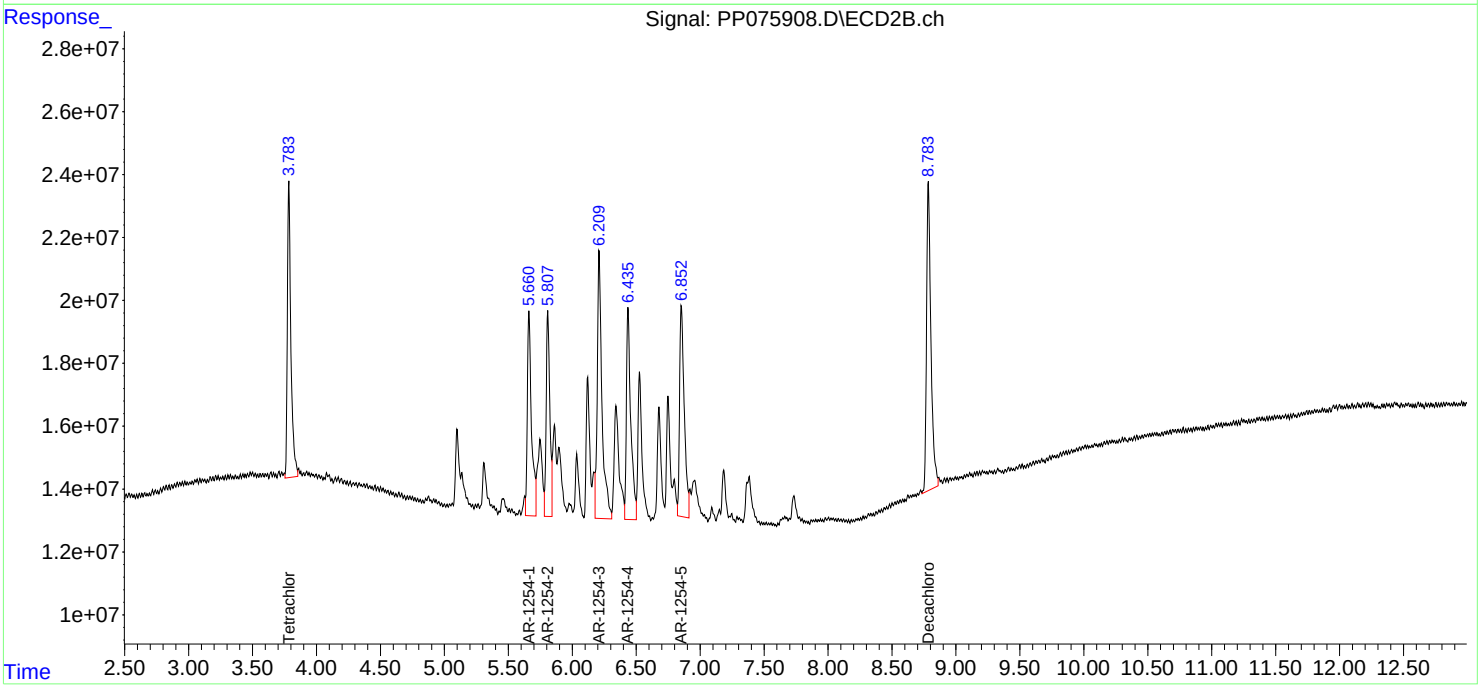
Manual Integrations APPROVED

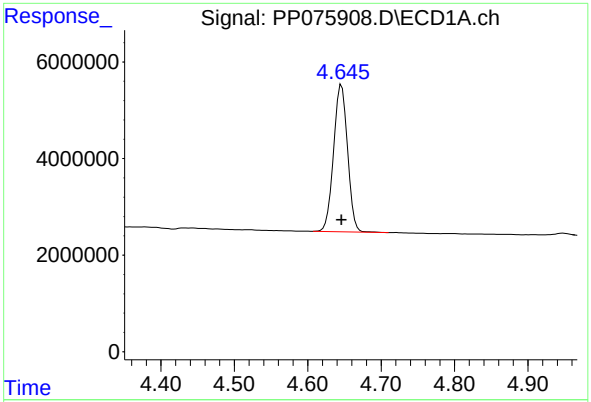
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







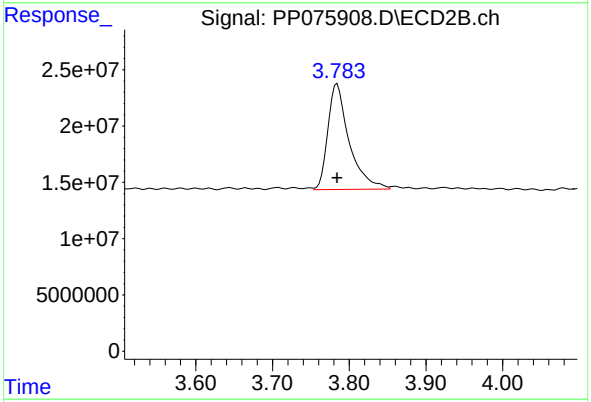
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 40353962
Conc: 25.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

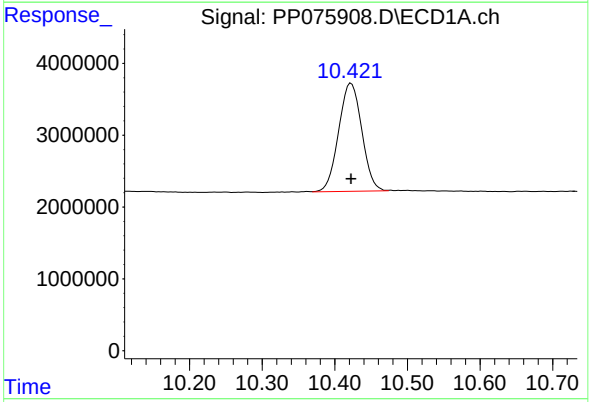
Manual Integrations APPROVED

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



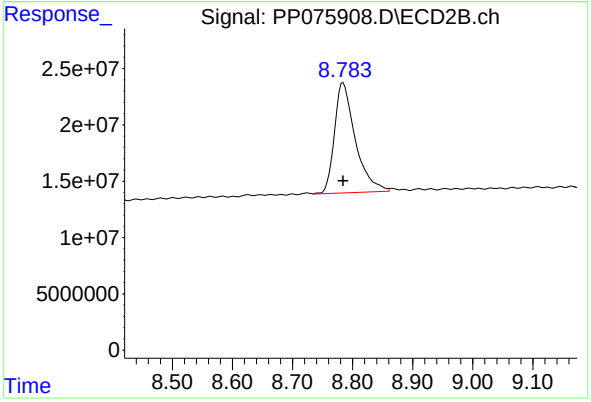
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 181599269
Conc: 24.08 ng/ml



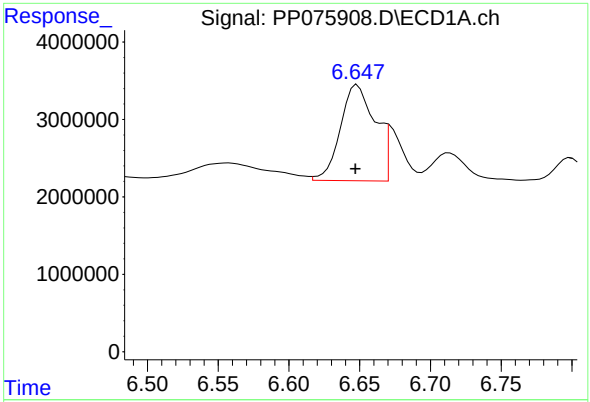
#2 Decachlorobiphenyl

R.T.: 10.422 min
Delta R.T.: 0.000 min
Response: 33314499
Conc: 26.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 235756165
Conc: 24.74 ng/ml



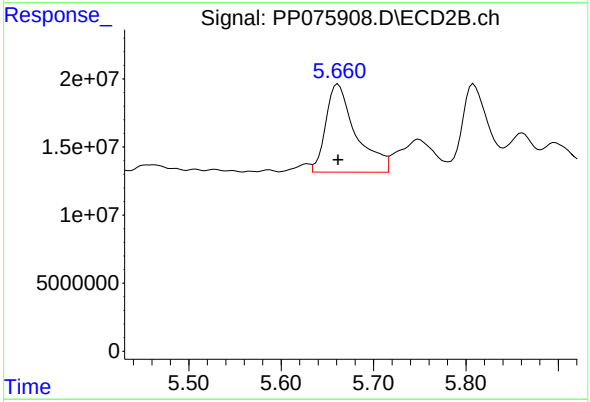
#26 AR-1254-1

R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 20616230
Conc: 278.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

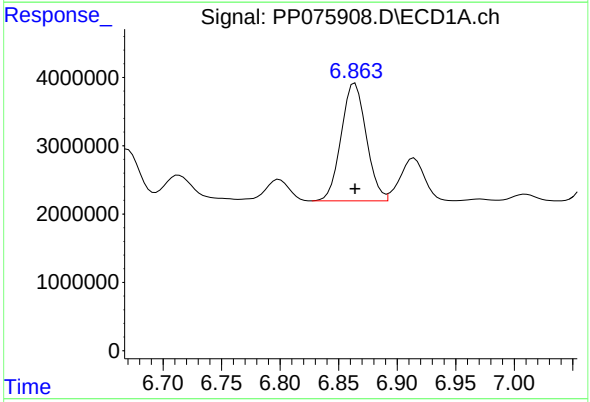
Manual Integrations APPROVED

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



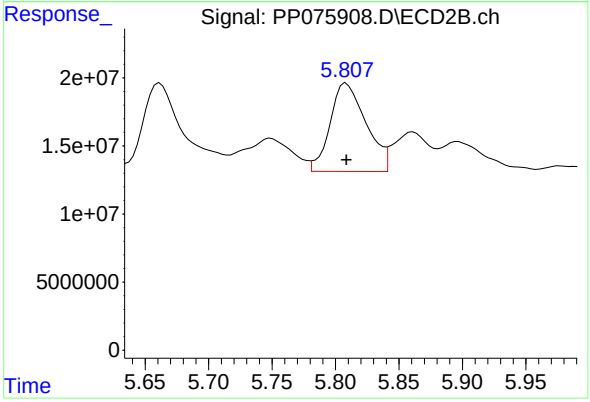
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 146620080
Conc: 248.52 ng/ml



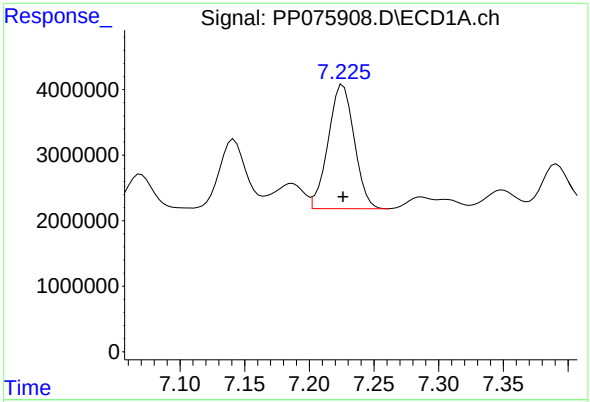
#27 AR-1254-2

R.T.: 6.864 min
Delta R.T.: 0.000 min
Response: 25702390
Conc: 270.62 ng/ml



#27 AR-1254-2

R.T.: 5.809 min
Delta R.T.: 0.000 min
Response: 128180993
Conc: 254.69 ng/ml



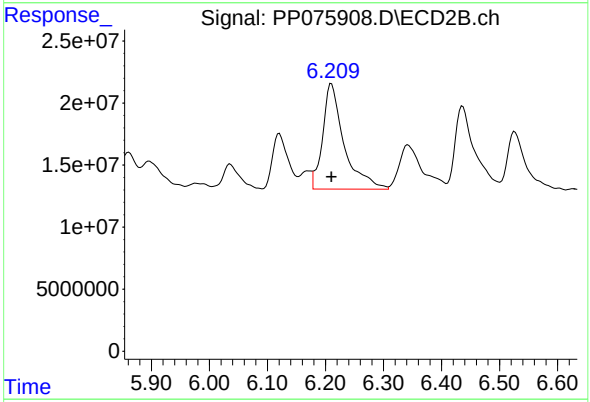
#28 AR-1254-3

R.T.: 7.226 min
Delta R.T.: 0.000 min
Response: 26497010
Conc: 268.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

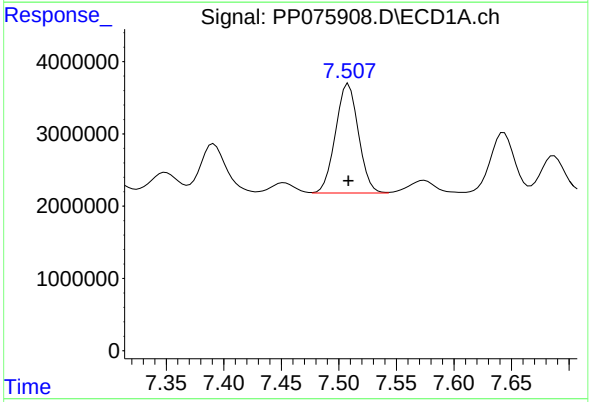
Manual Integrations APPROVED

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



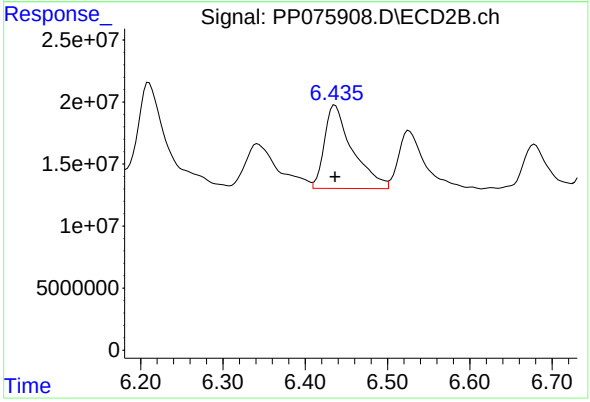
#28 AR-1254-3

R.T.: 6.210 min
Delta R.T.: 0.000 min
Response: 218385242
Conc: 247.73 ng/ml



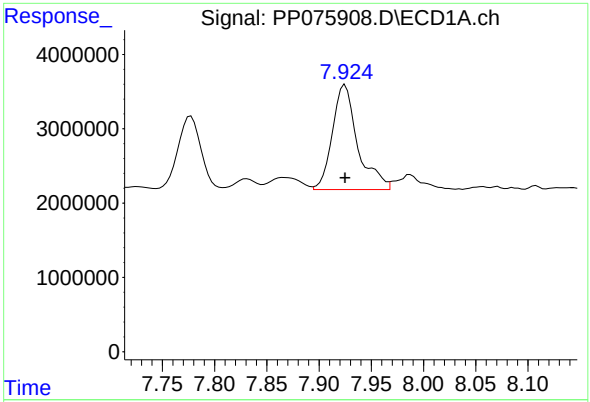
#29 AR-1254-4

R.T.: 7.508 min
Delta R.T.: 0.000 min
Response: 20991838
Conc: 268.11 ng/ml



#29 AR-1254-4

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 159181478
Conc: 239.94 ng/ml



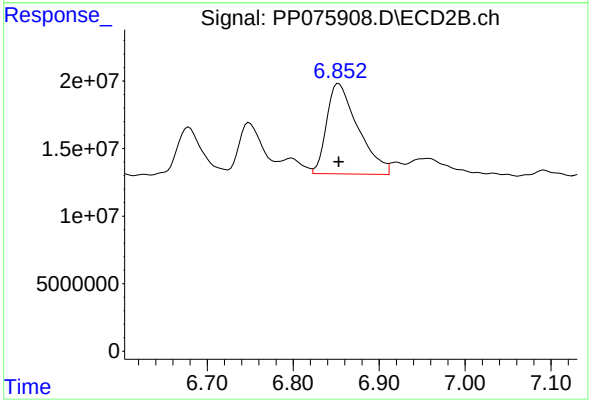
#30 AR-1254-5

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 23753414
Conc: 262.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.853 min
Delta R.T.: 0.000 min
Response: 169830860
Conc: 233.75 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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

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

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

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

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

ICAL Form

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

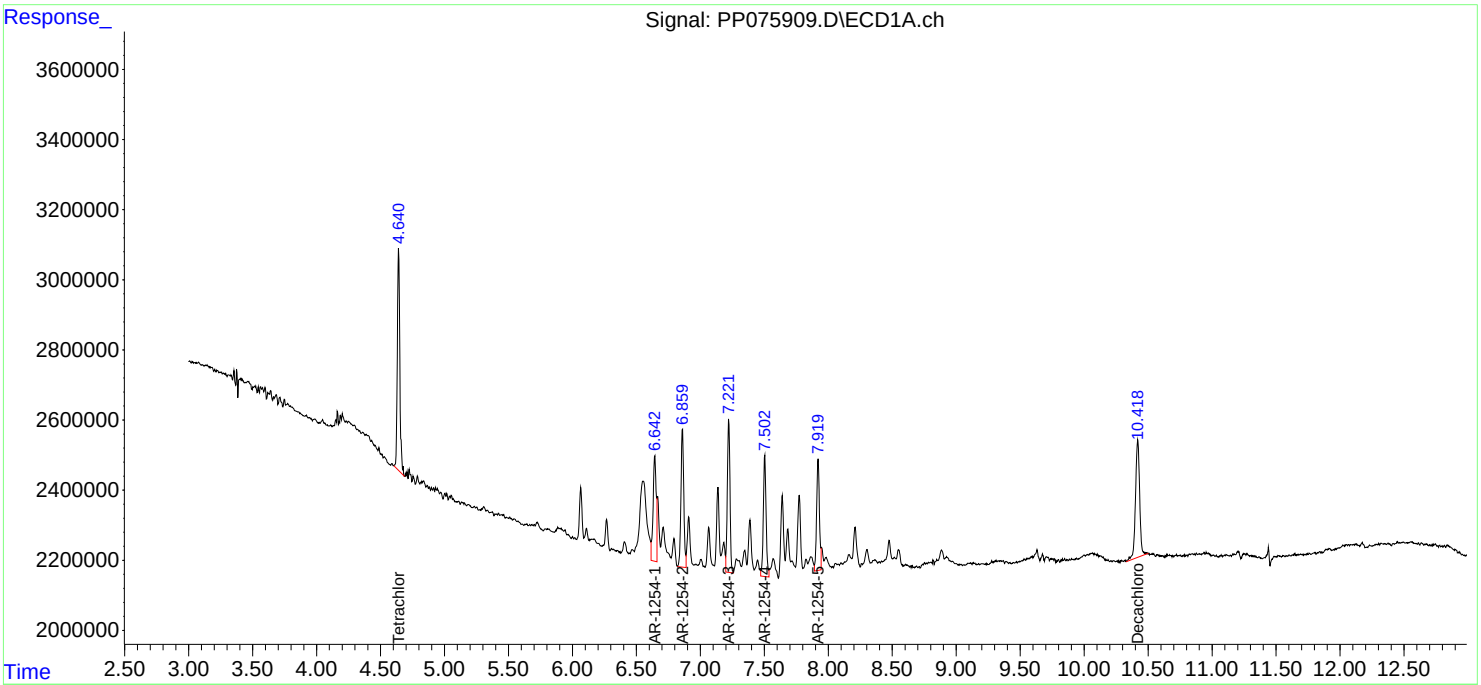
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

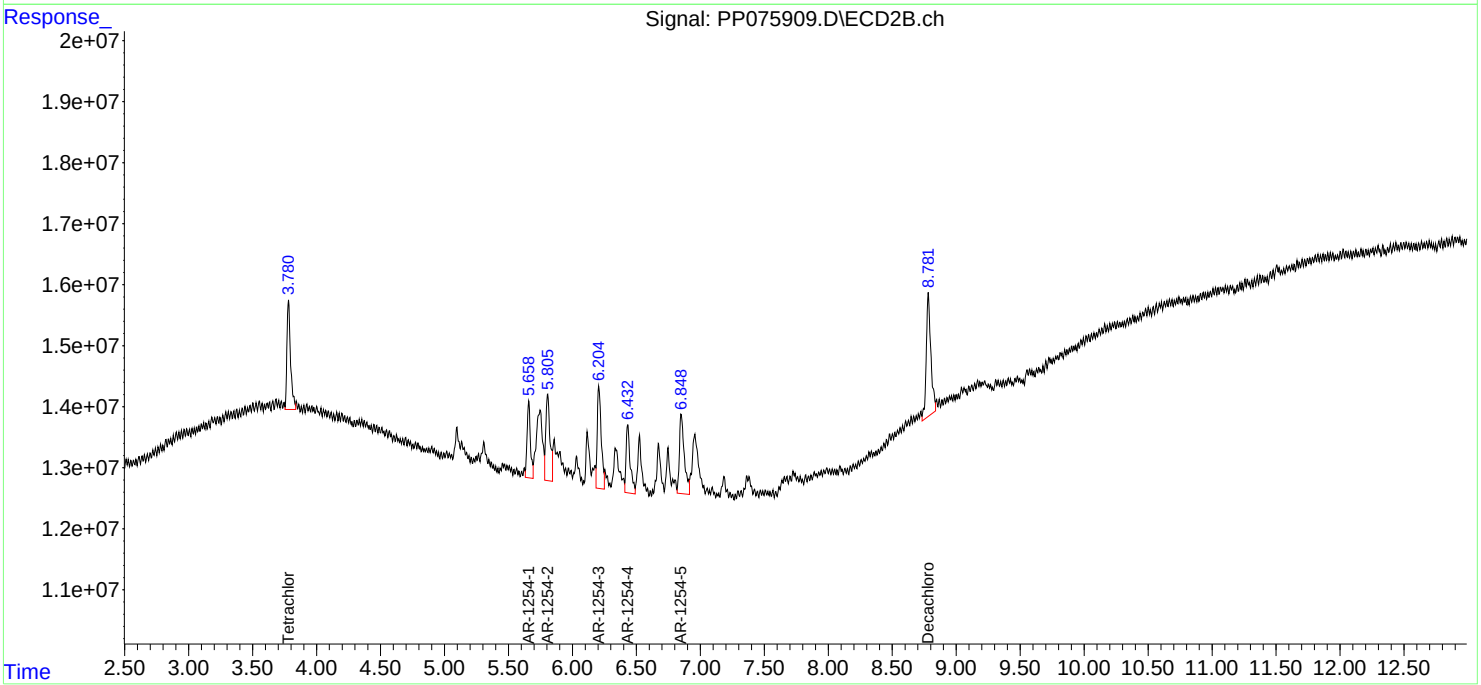
Manual Integrations APPROVED

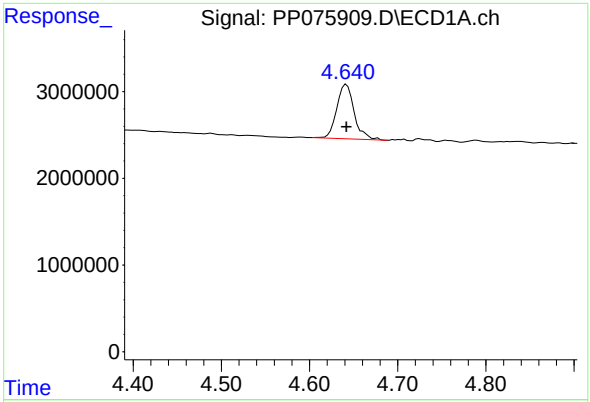
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

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

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







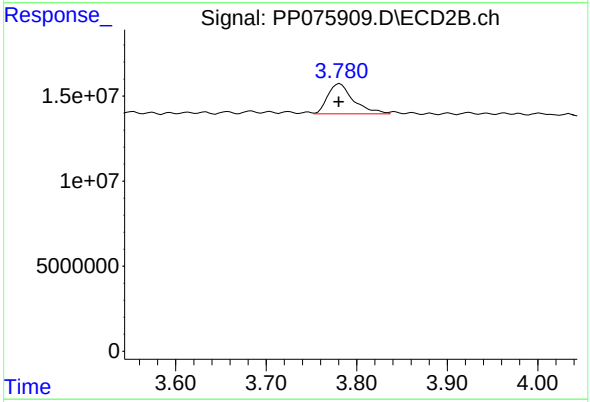
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 8604114
Conc: 5.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

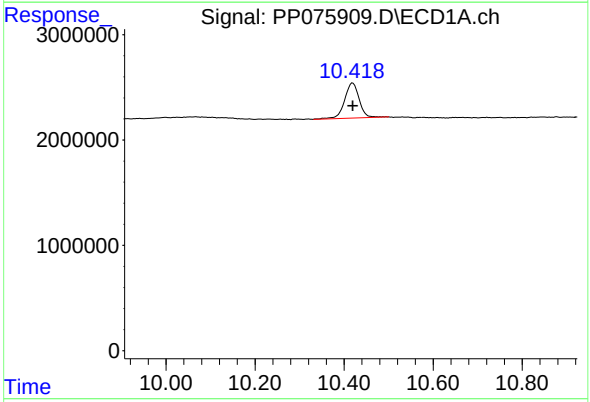
Manual Integrations APPROVED

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



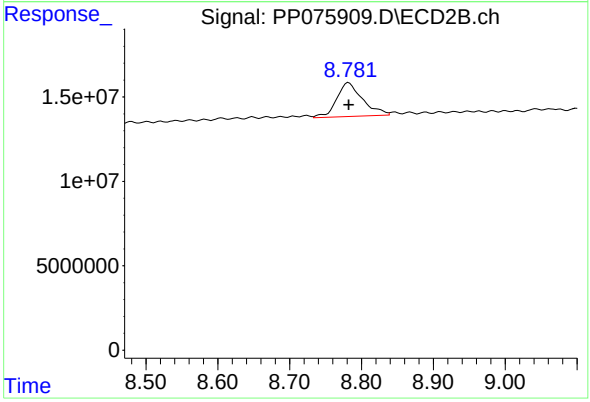
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 35027317
Conc: 4.74 ng/ml m



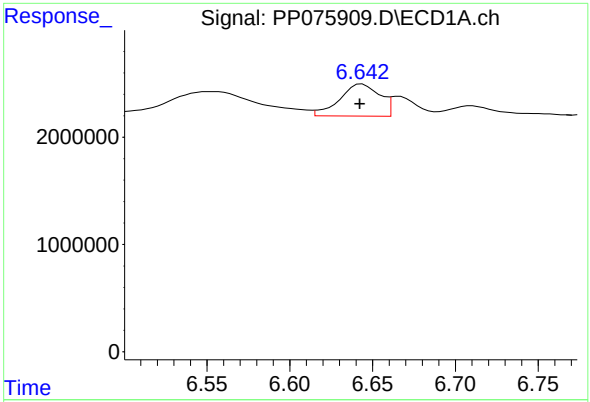
#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 7574299
Conc: 5.75 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 50050602
Conc: 5.20 ng/ml



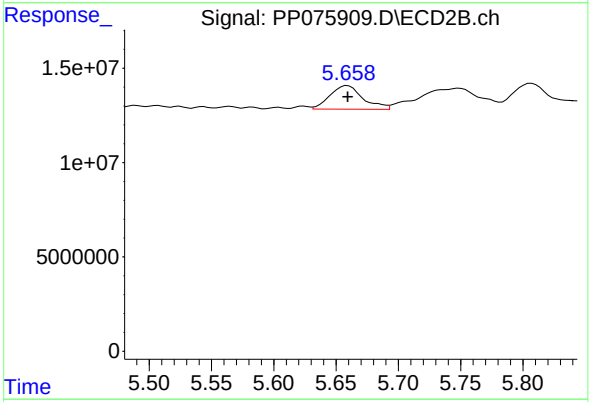
#26 AR-1254-1

R.T.: 6.644 min
Delta R.T.: 0.001 min
Response: 5028603
Conc: 64.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

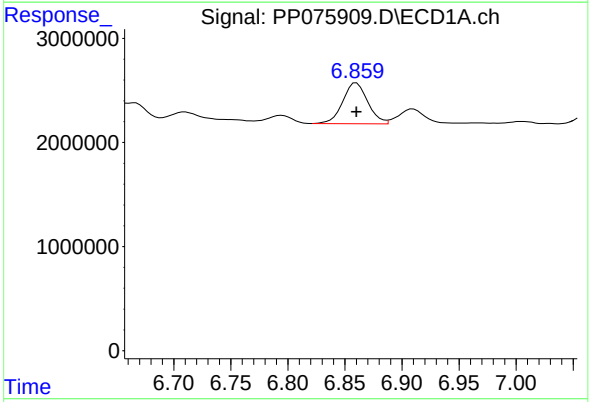
Manual Integrations APPROVED

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



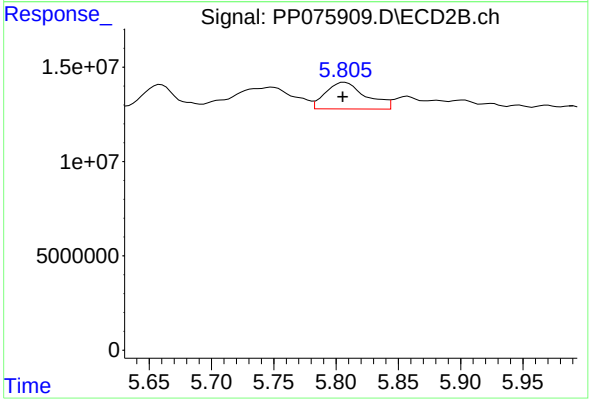
#26 AR-1254-1

R.T.: 5.659 min
Delta R.T.: 0.000 min
Response: 23004893
Conc: 40.79 ng/ml



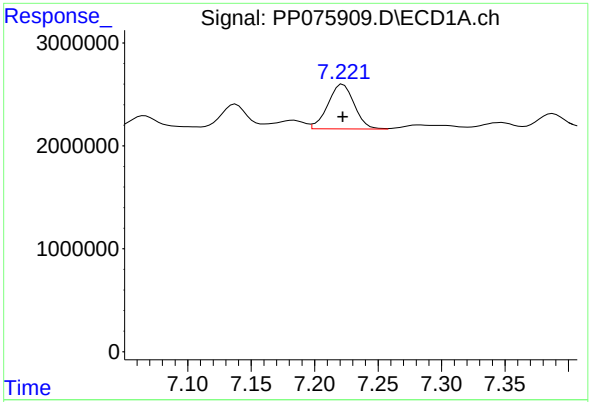
#27 AR-1254-2

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 6001024
Conc: 60.02 ng/ml



#27 AR-1254-2

R.T.: 5.807 min
Delta R.T.: 0.002 min
Response: 31864124
Conc: 60.39 ng/ml



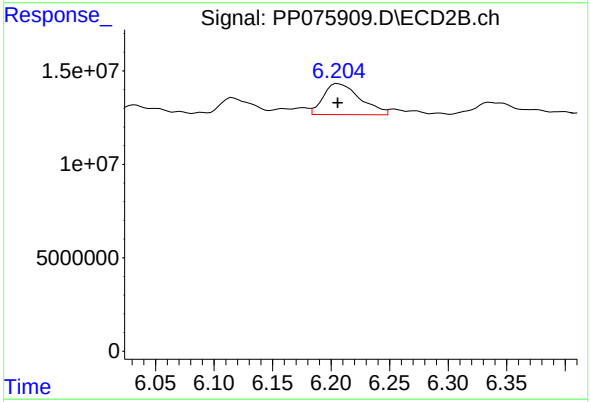
#28 AR-1254-3

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 6253065
Conc: 60.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

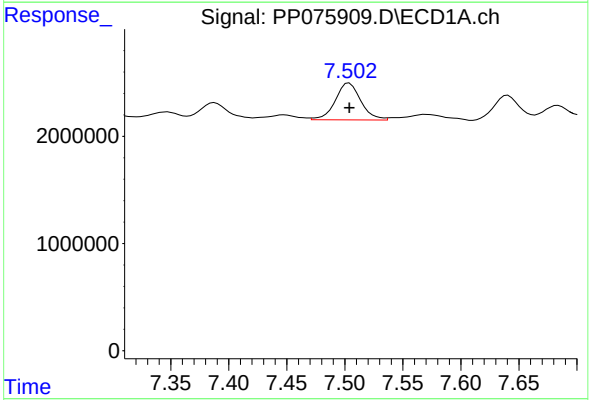
Manual Integrations APPROVED

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



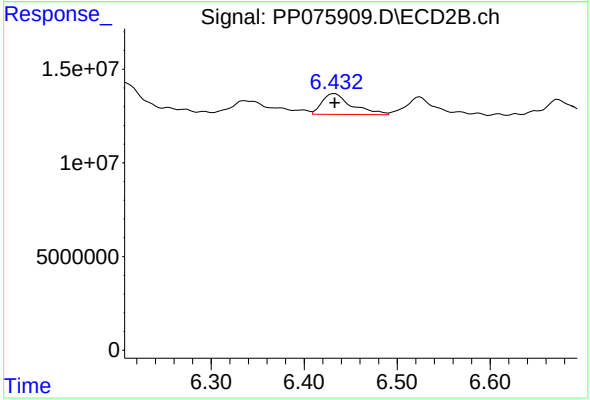
#28 AR-1254-3

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 36465652
Conc: 42.85 ng/ml



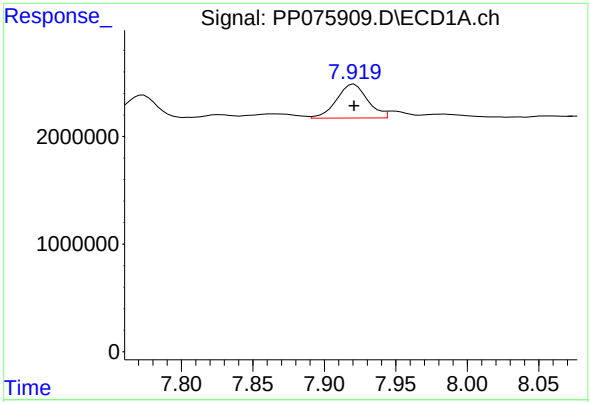
#29 AR-1254-4

R.T.: 7.504 min
Delta R.T.: 0.000 min
Response: 5244227
Conc: 62.72 ng/ml



#29 AR-1254-4

R.T.: 6.433 min
Delta R.T.: 0.000 min
Response: 24763386
Conc: 39.32 ng/ml



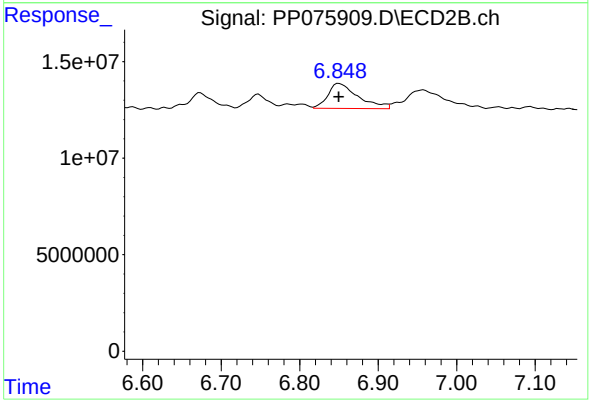
#30 AR-1254-5

R.T.: 7.921 min
Delta R.T.: 0.000 min
Response: 4771352
Conc: 52.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 34659929
Conc: 48.15 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.785	76058633	352.0E6	50.000	50.000
2)	SA Decachlor...	10.425	8.786	61011705	448.1E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	8.232	6.893	42013007	493.5E6	500.000	500.000
37)	L8 AR-1262-2	8.557	7.150	81834582	351.6E6	500.000	500.000
38)	L8 AR-1262-3	8.883	7.672	60893486	303.5E6	500.000	500.000
39)	L8 AR-1262-4	8.971	7.736	46055772	550.7E6	500.000	500.000
40)	L8 AR-1262-5	9.642	8.231	33912301	230.7E6	500.000	500.000

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

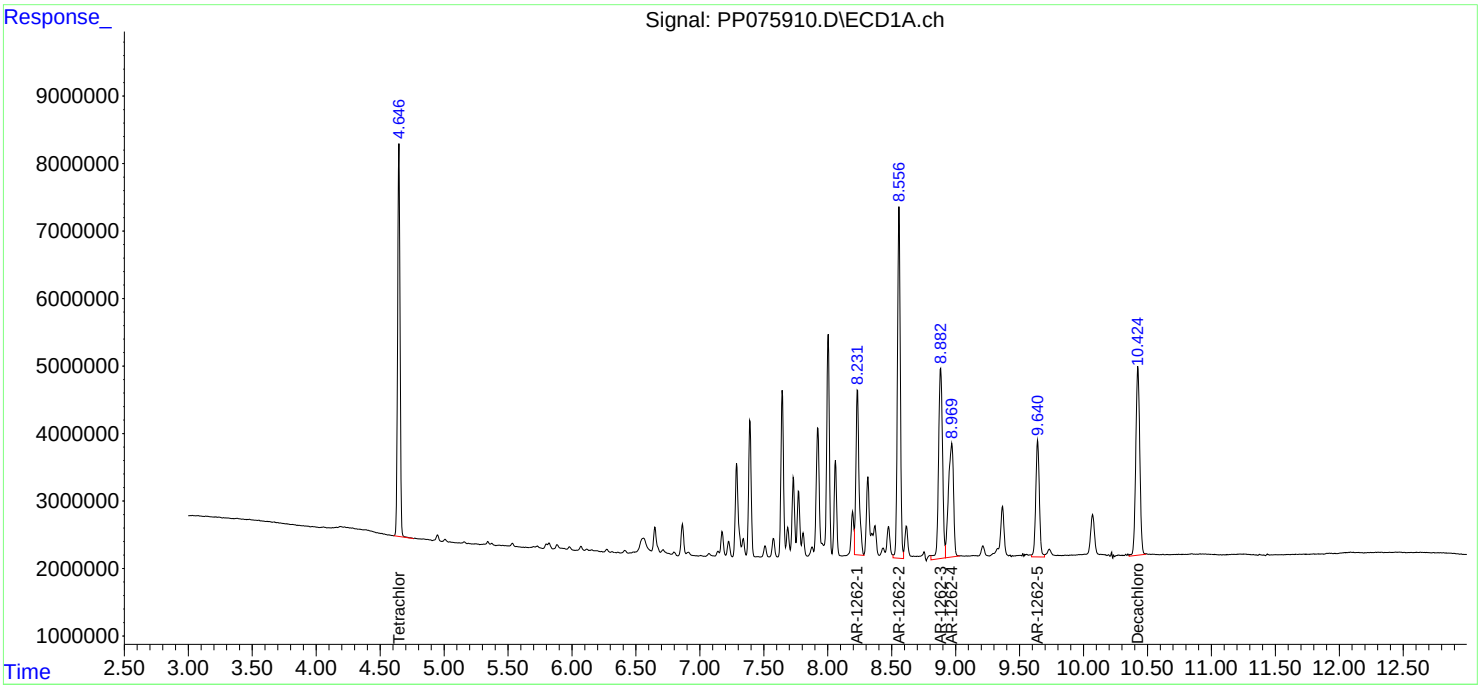
ICAL Form

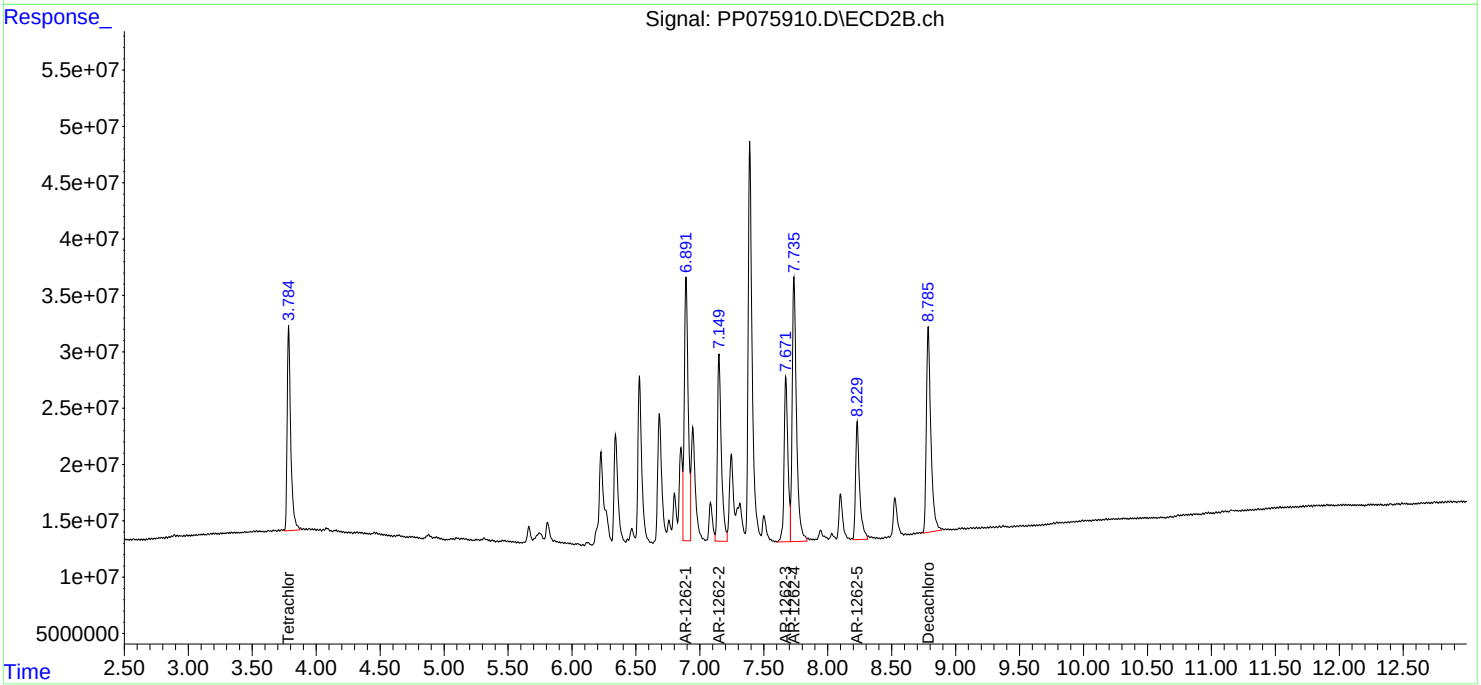
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:40
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

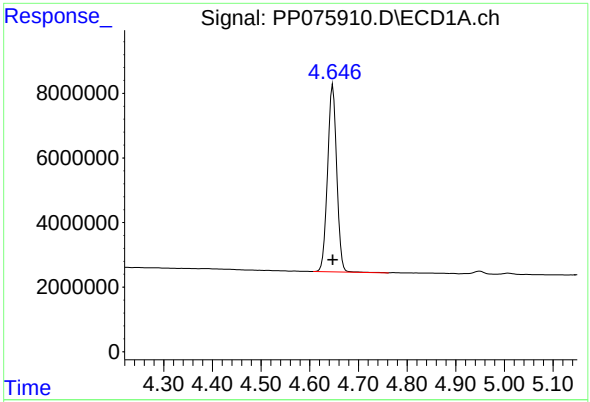
Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 16:21:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 16:20:51 2025
Response via : Initial Calibration
Integrator: ChemStation

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



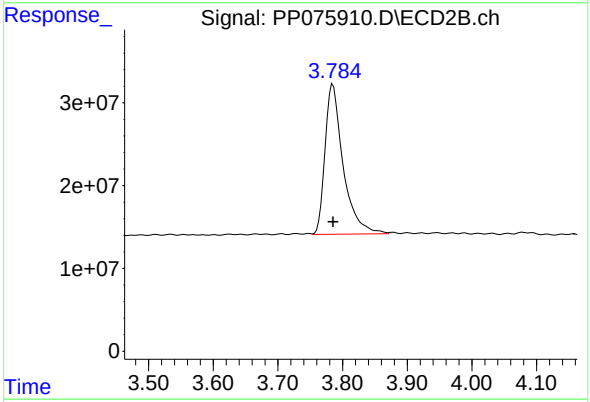




#1 Tetrachloro-m-xylene

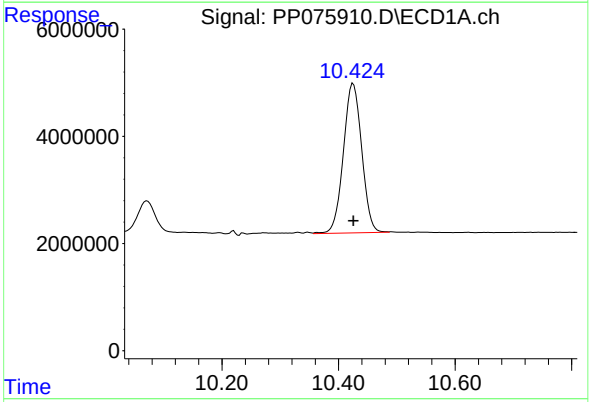
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 76058633
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



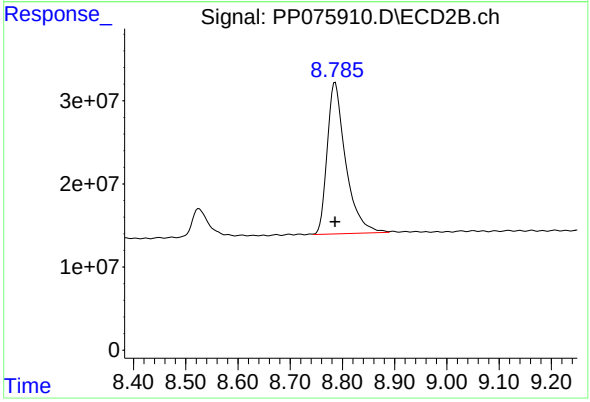
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 352032455
Conc: 50.00 ng/ml



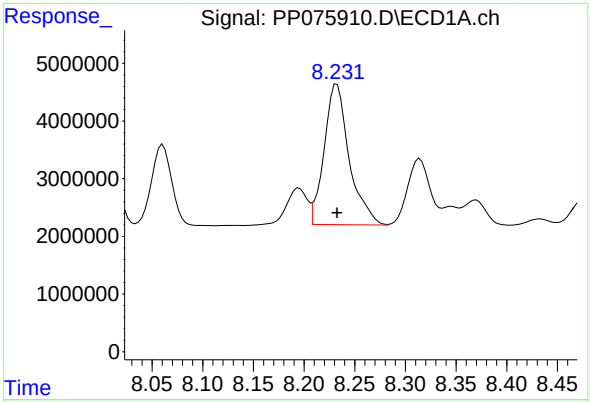
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.000 min
Response: 61011705
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

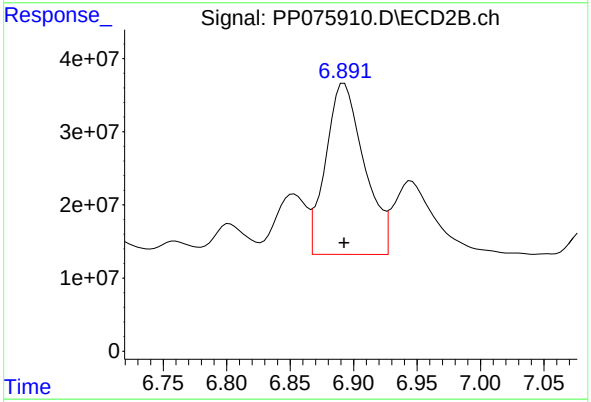
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 448136268
Conc: 50.00 ng/ml



#36 AR-1262-1

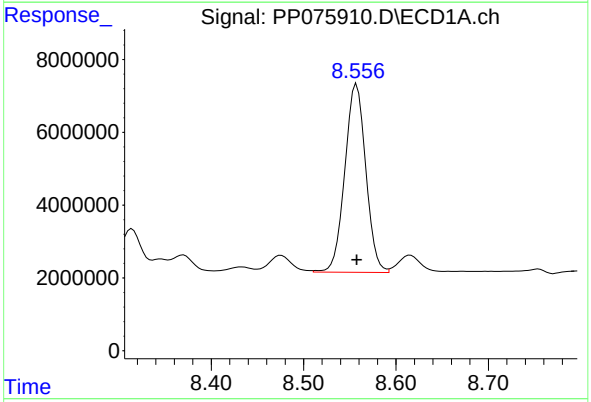
R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 42013007
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



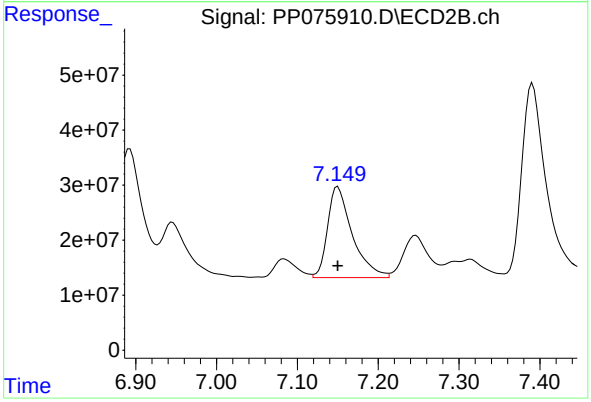
#36 AR-1262-1

R.T.: 6.893 min
Delta R.T.: 0.000 min
Response: 493476067
Conc: 500.00 ng/ml



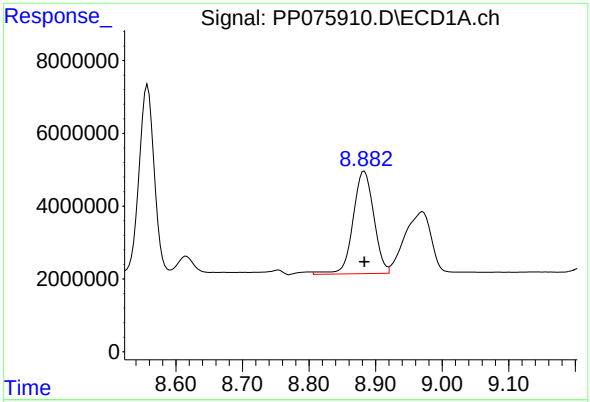
#37 AR-1262-2

R.T.: 8.557 min
Delta R.T.: 0.000 min
Response: 81834582
Conc: 500.00 ng/ml



#37 AR-1262-2

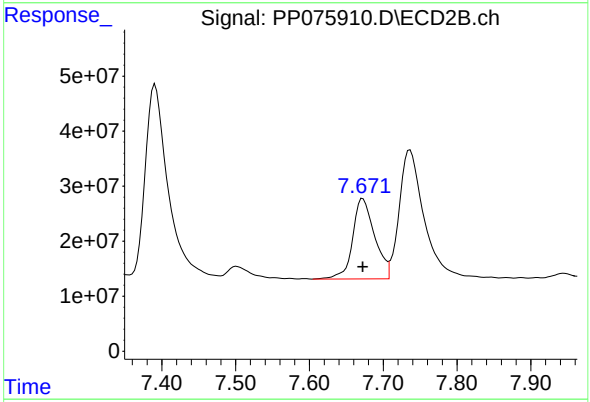
R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 351603586
Conc: 500.00 ng/ml



#38 AR-1262-3

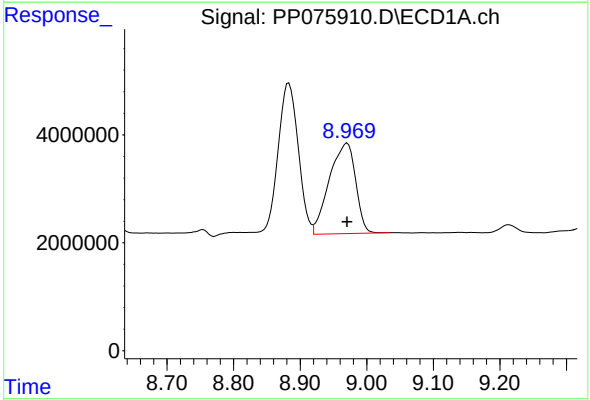
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 60893486
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



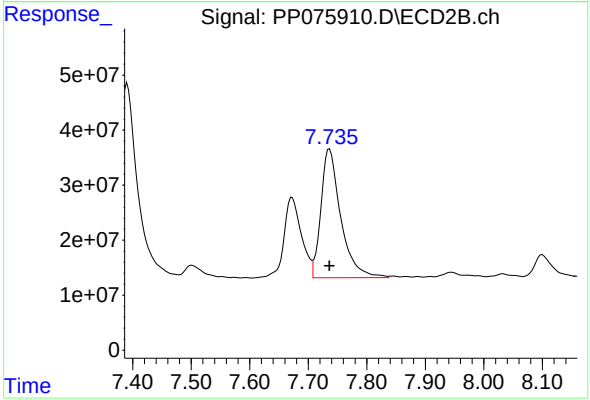
#38 AR-1262-3

R.T.: 7.672 min
Delta R.T.: 0.000 min
Response: 303480349
Conc: 500.00 ng/ml



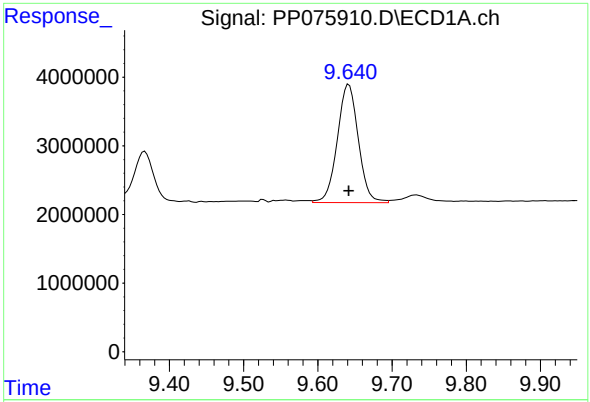
#39 AR-1262-4

R.T.: 8.971 min
Delta R.T.: 0.000 min
Response: 46055772
Conc: 500.00 ng/ml



#39 AR-1262-4

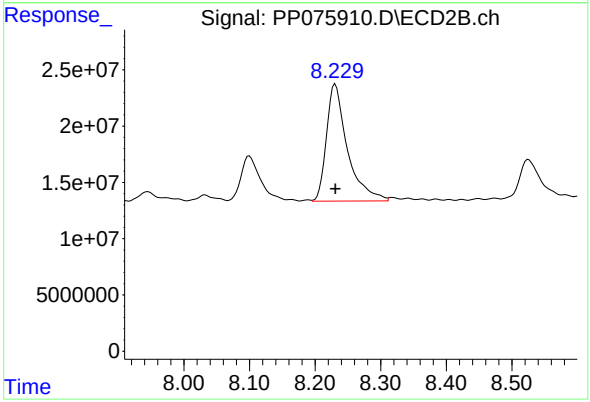
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 550668544
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.642 min
Delta R.T.: 0.000 min
Response: 33912301
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 230745763
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

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

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

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

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

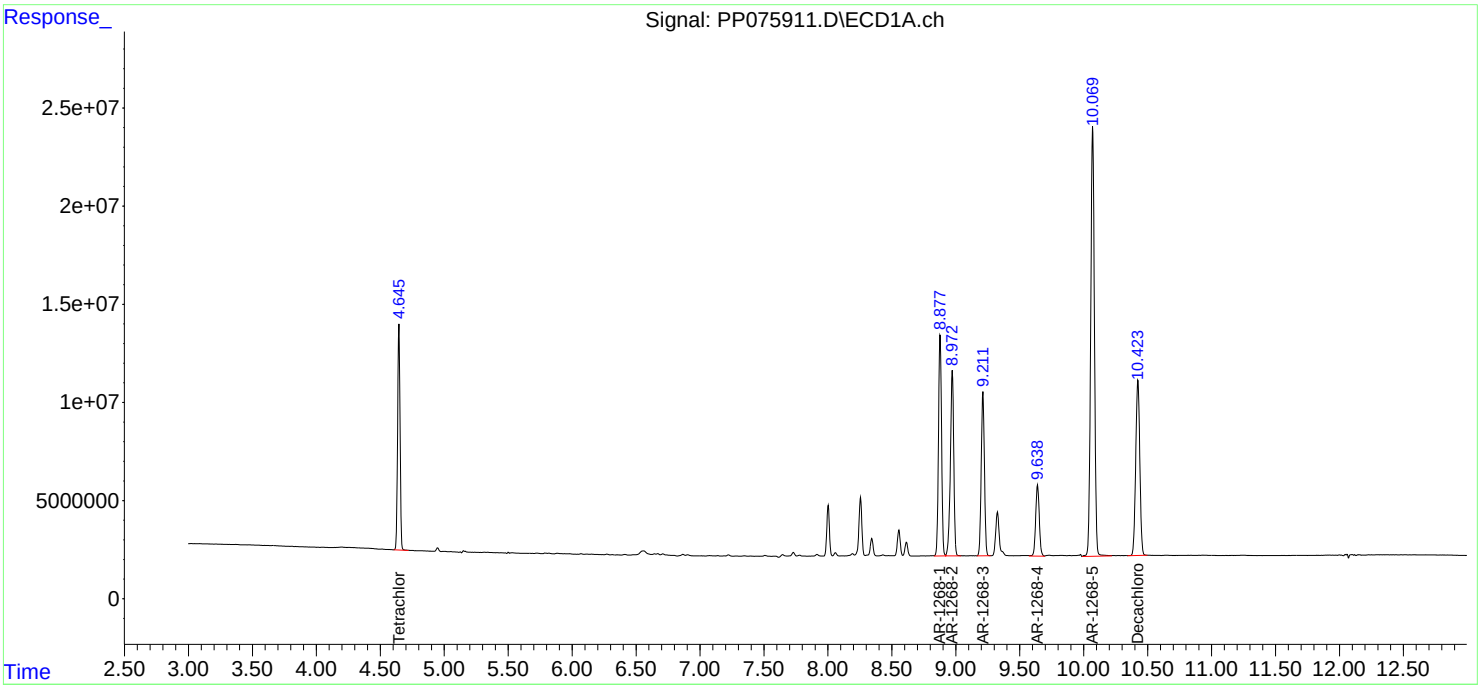
ICAL Form

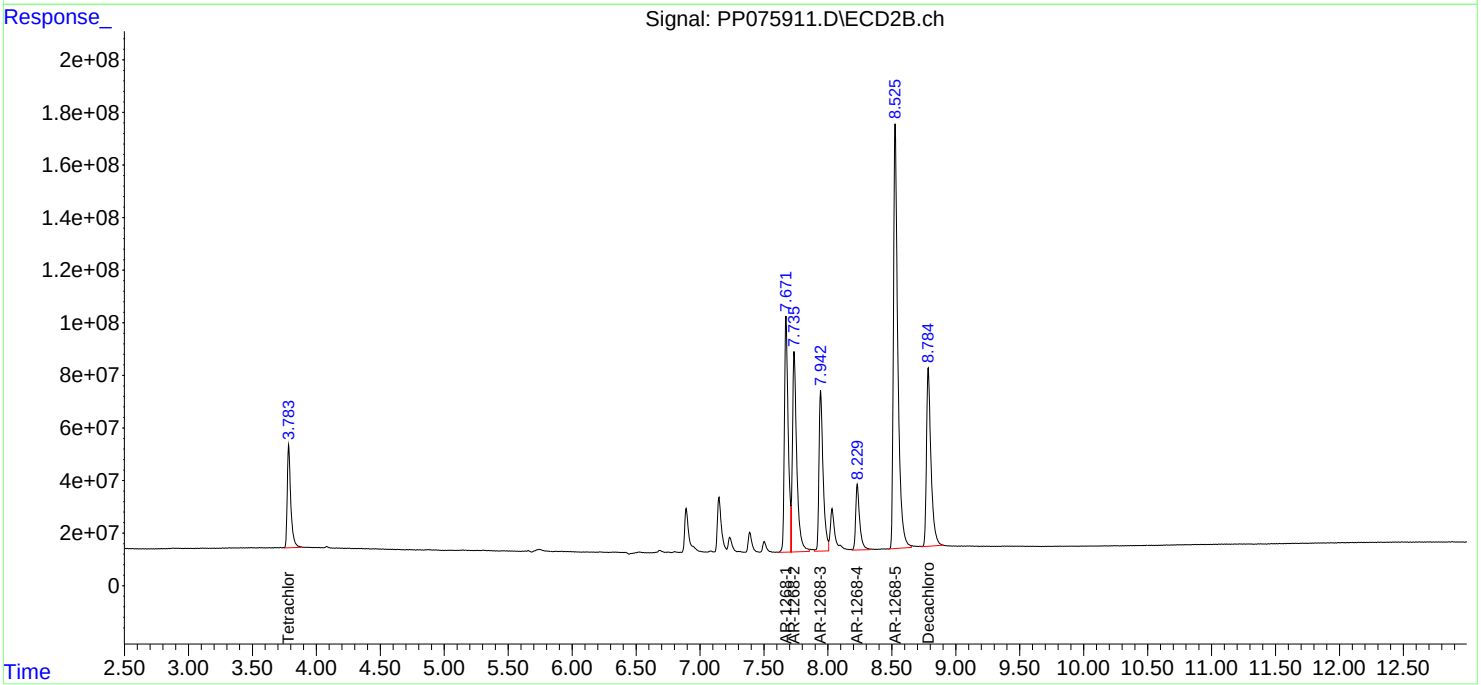
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075911.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 15:56
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

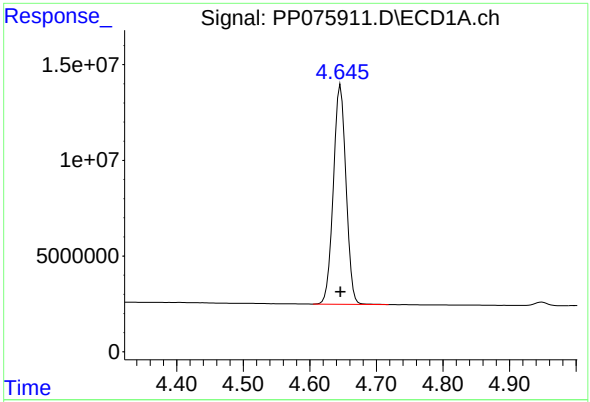
Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000

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

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



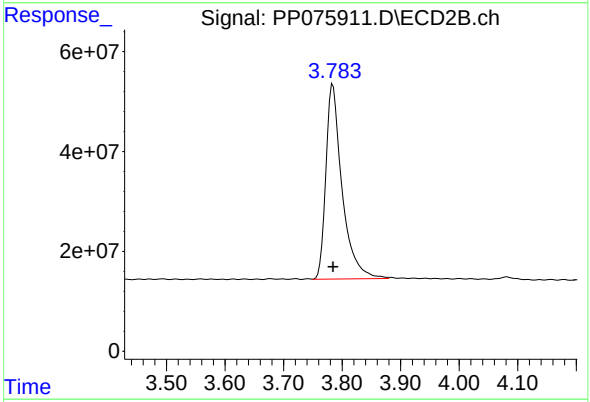




#1 Tetrachloro-m-xylene

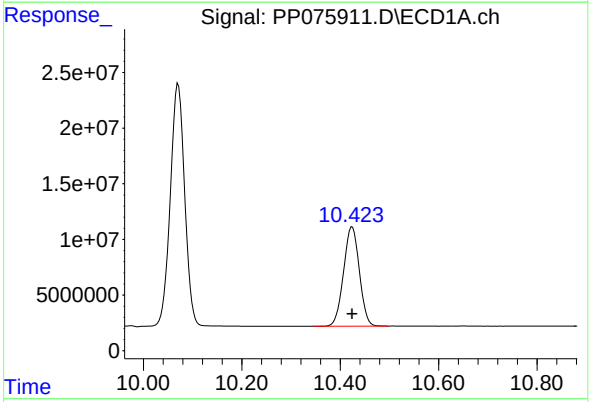
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 151508304
Conc: 97.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



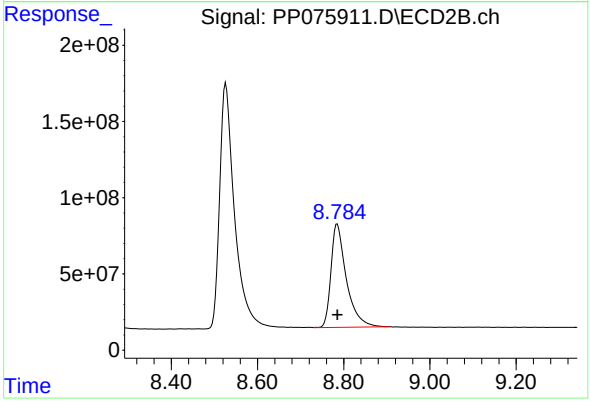
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.000 min
Response: 749940088
Conc: 99.64 ng/ml



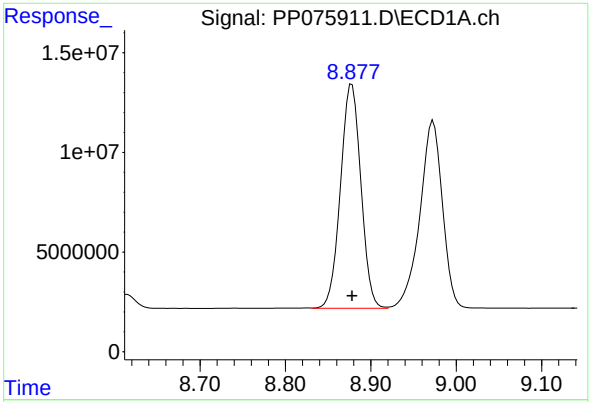
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 198839487
Conc: 95.54 ng/ml



#2 Decachlorobiphenyl

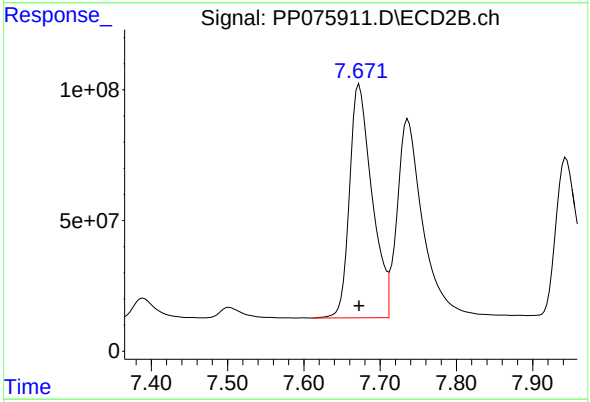
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 1671833237
Conc: 99.05 ng/ml



#41 AR-1268-1

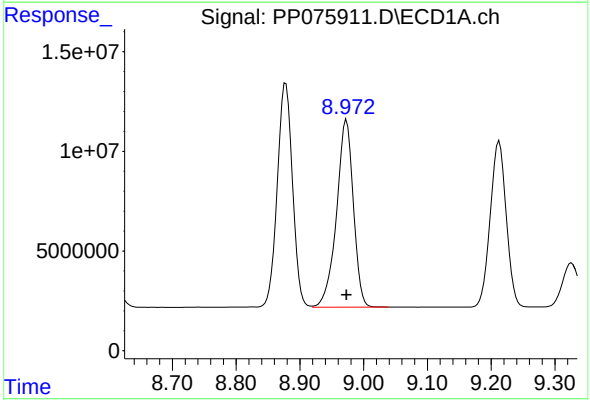
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 186733090
Conc: 951.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



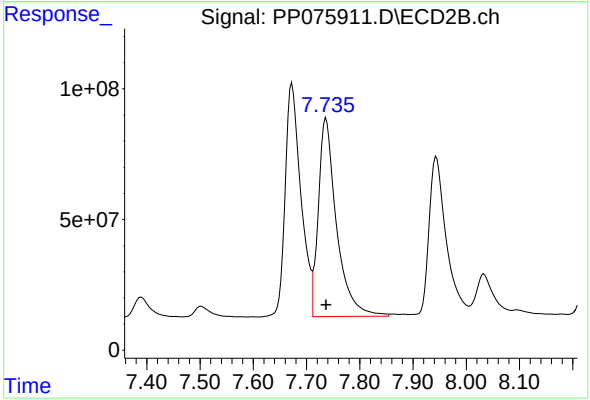
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 1831610079
Conc: 992.62 ng/ml



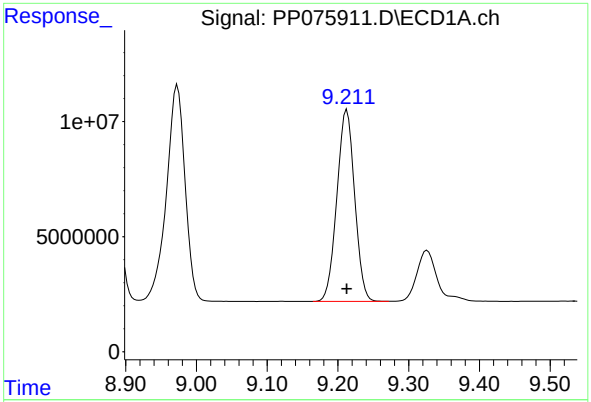
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 172486766
Conc: 956.48 ng/ml



#42 AR-1268-2

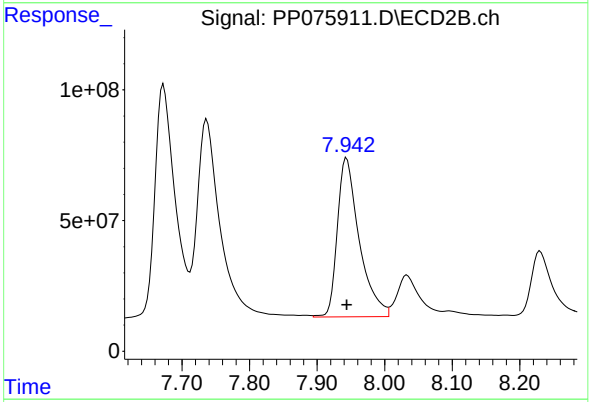
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 1800363506
Conc: 1001.38 ng/ml



#43 AR-1268-3

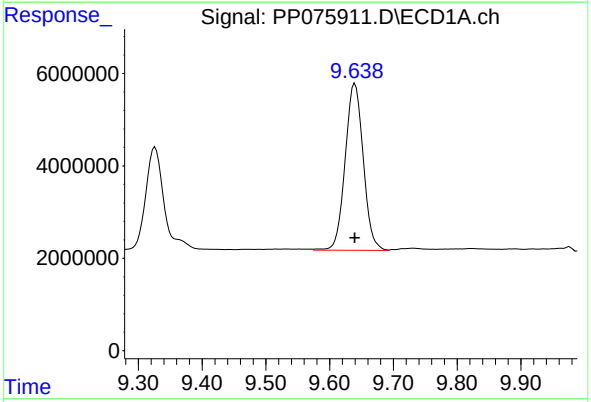
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 145245892
Conc: 961.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



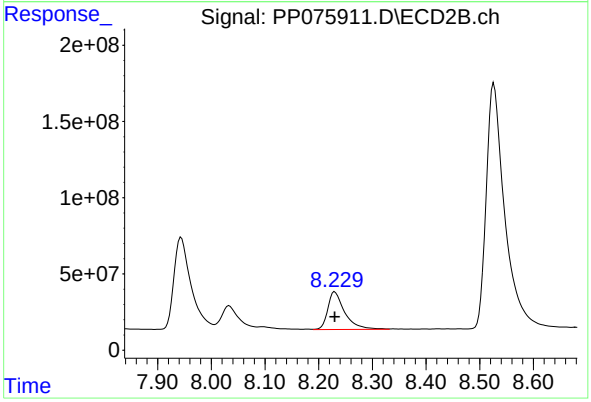
#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 1369797429
Conc: 988.12 ng/ml



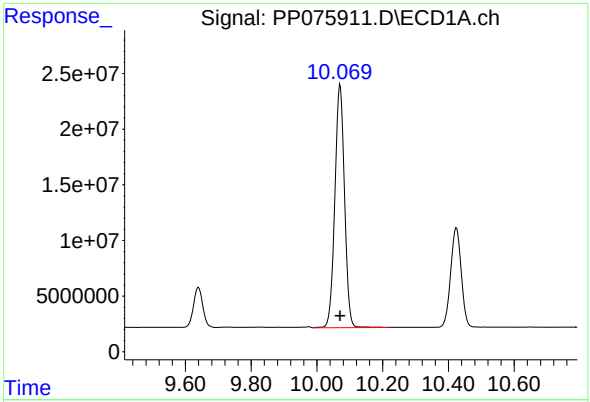
#44 AR-1268-4

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 71036137
Conc: 963.67 ng/ml



#44 AR-1268-4

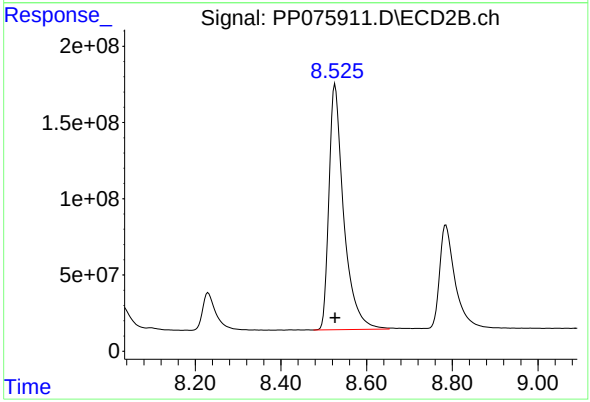
R.T.: 8.230 min
Delta R.T.: 0.000 min
Response: 542764588
Conc: 1002.32 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 446420076
Conc: 968.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 3855476951
Conc: 979.92 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

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

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

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

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

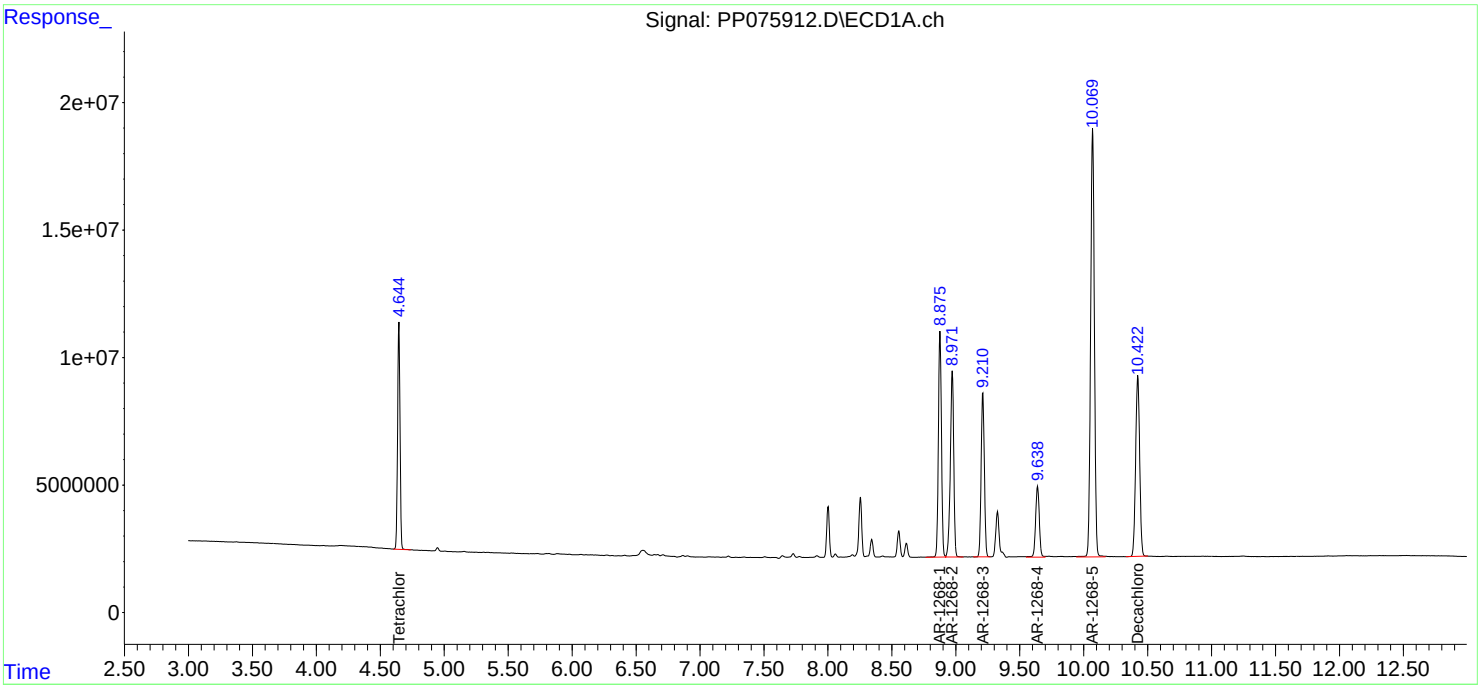
ICAL Form

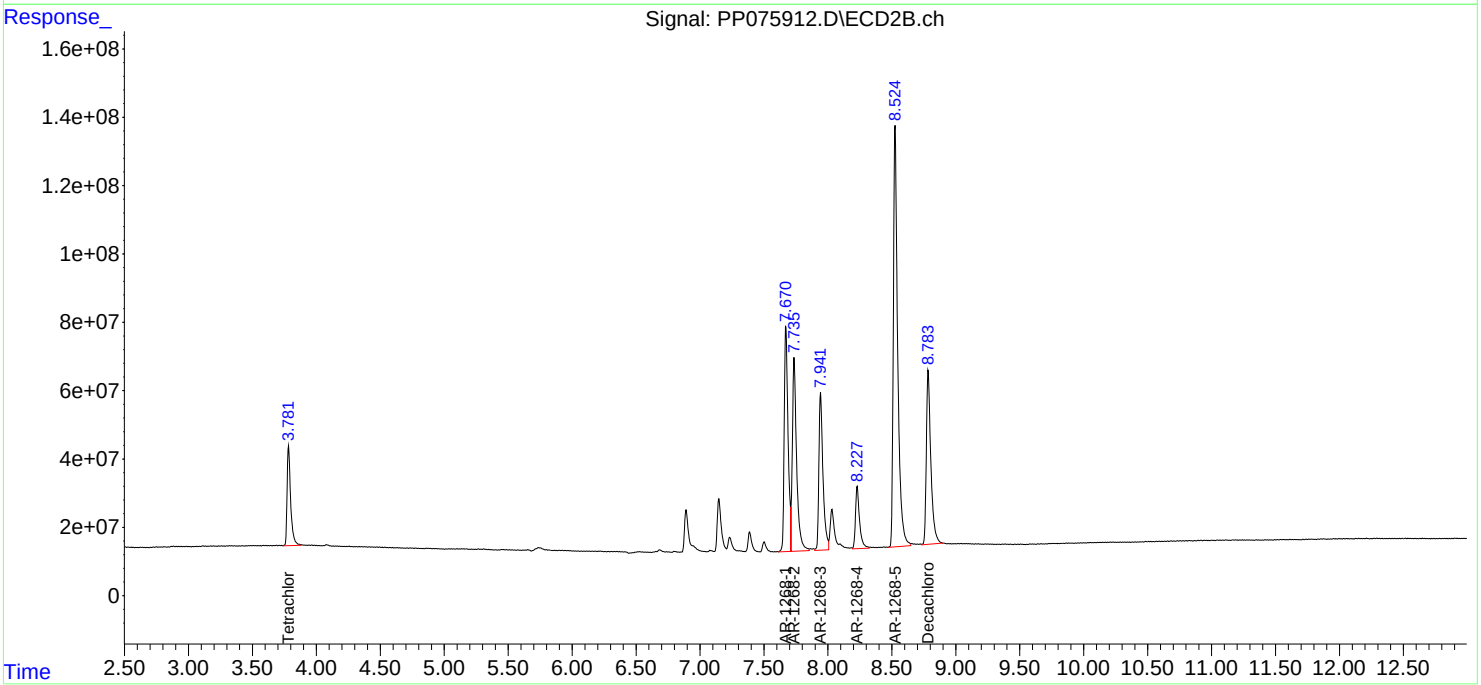
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075912.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:12
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

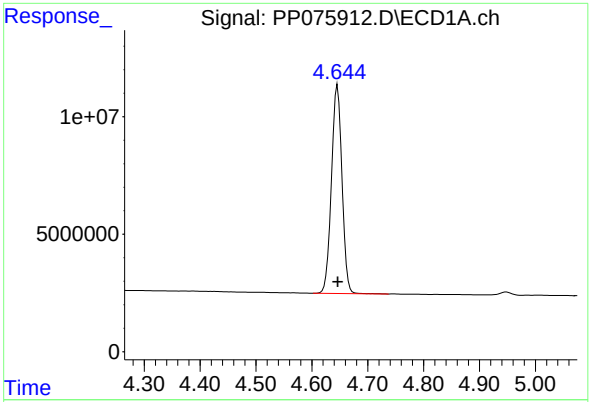
Instrument :
ECD_P
ClientSampleId :
AR1268ICC750

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

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



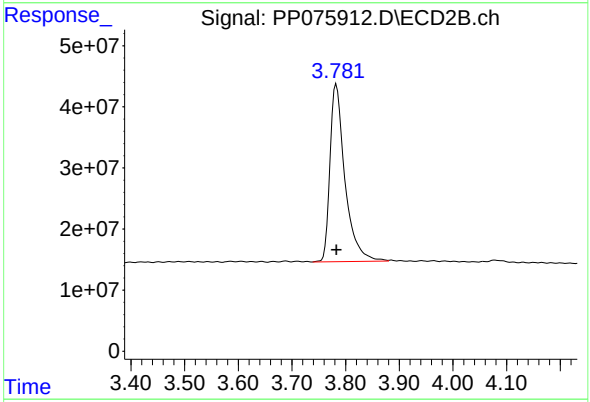




#1 Tetrachloro-m-xylene

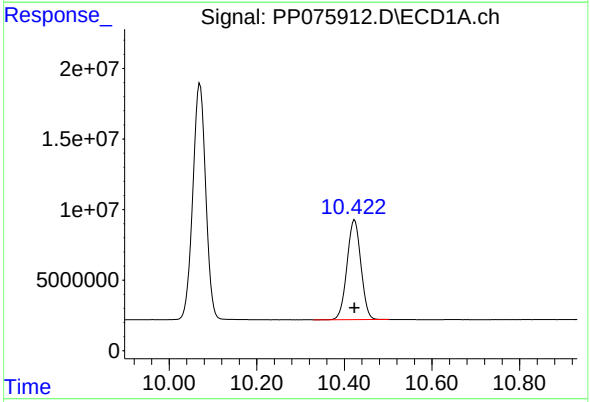
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 116194915
Conc: 74.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



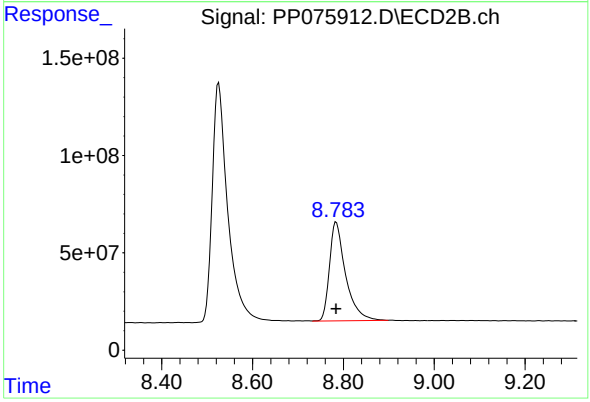
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 564897971
Conc: 75.04 ng/ml



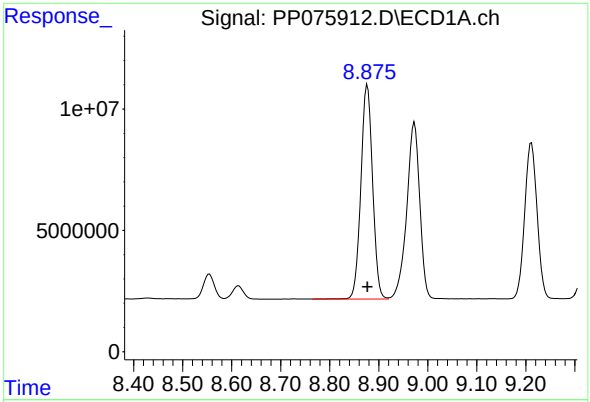
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.000 min
Response: 155657611
Conc: 74.86 ng/ml



#2 Decachlorobiphenyl

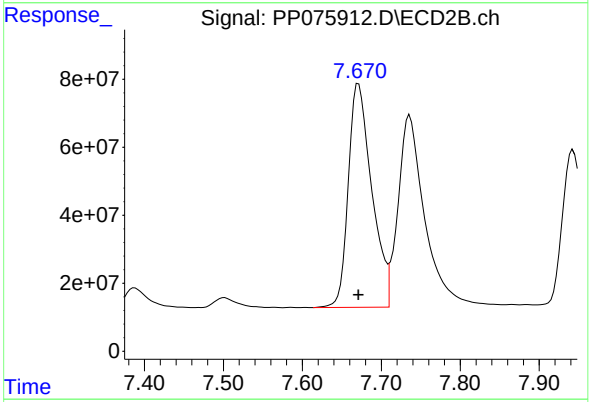
R.T.: 8.784 min
Delta R.T.: 0.000 min
Response: 1249480376
Conc: 74.35 ng/ml



#41 AR-1268-1

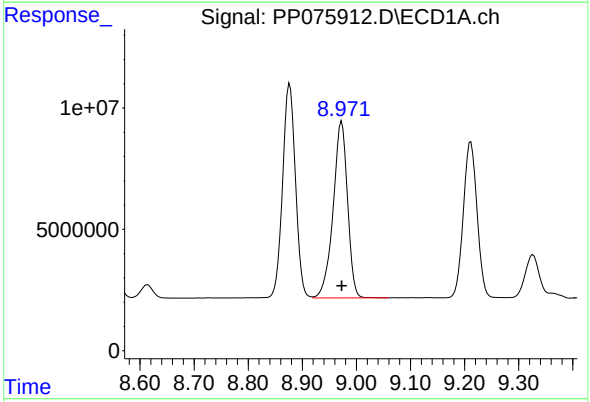
R.T.: 8.877 min
Delta R.T.: 0.000 min
Response: 146300214
Conc: 747.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



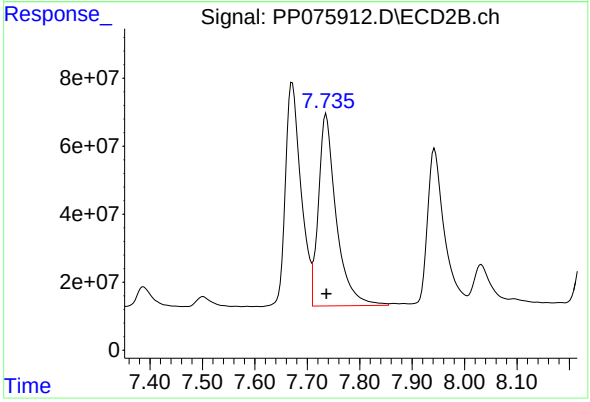
#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 1360092582
Conc: 741.34 ng/ml



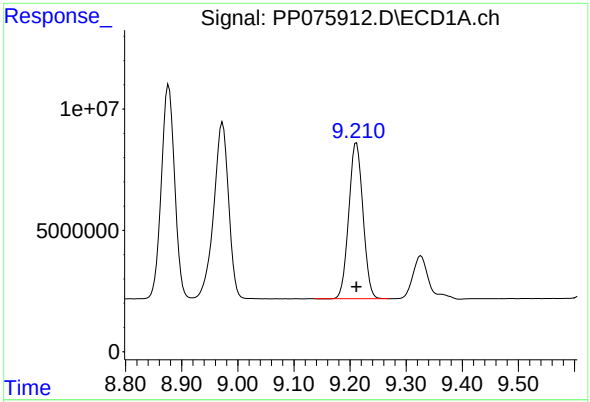
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 134351598
Conc: 746.67 ng/ml



#42 AR-1268-2

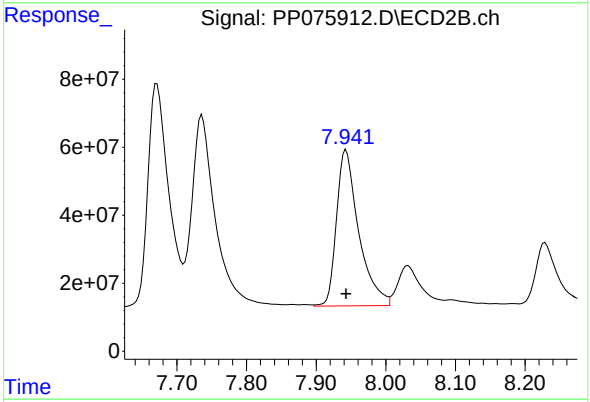
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 1329343692
Conc: 742.89 ng/ml



#43 AR-1268-3

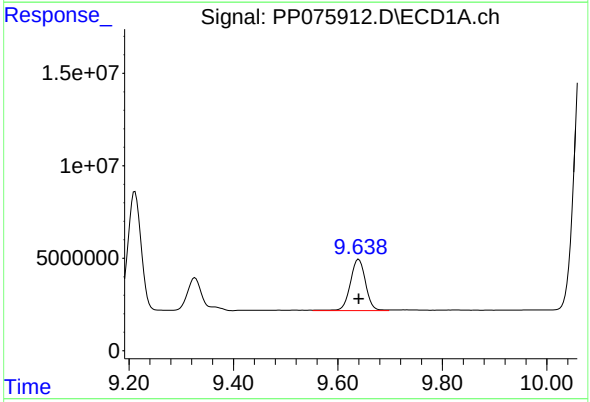
R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 112711035
Conc: 747.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



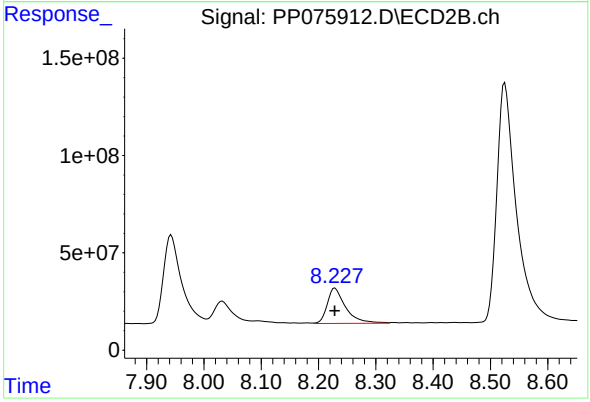
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 1019026233
Conc: 739.99 ng/ml



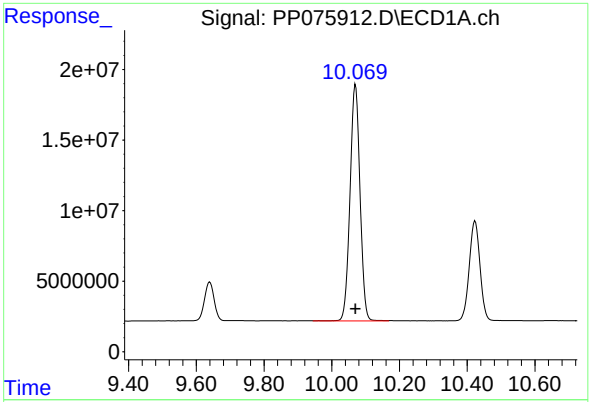
#44 AR-1268-4

R.T.: 9.640 min
Delta R.T.: 0.000 min
Response: 56104264
Conc: 757.37 ng/ml



#44 AR-1268-4

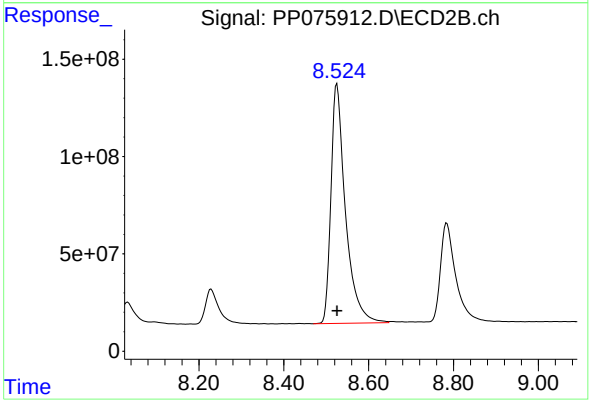
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 402588428
Conc: 745.63 ng/ml



#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 344188156
Conc: 747.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2925269569
Conc: 745.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

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

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

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

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

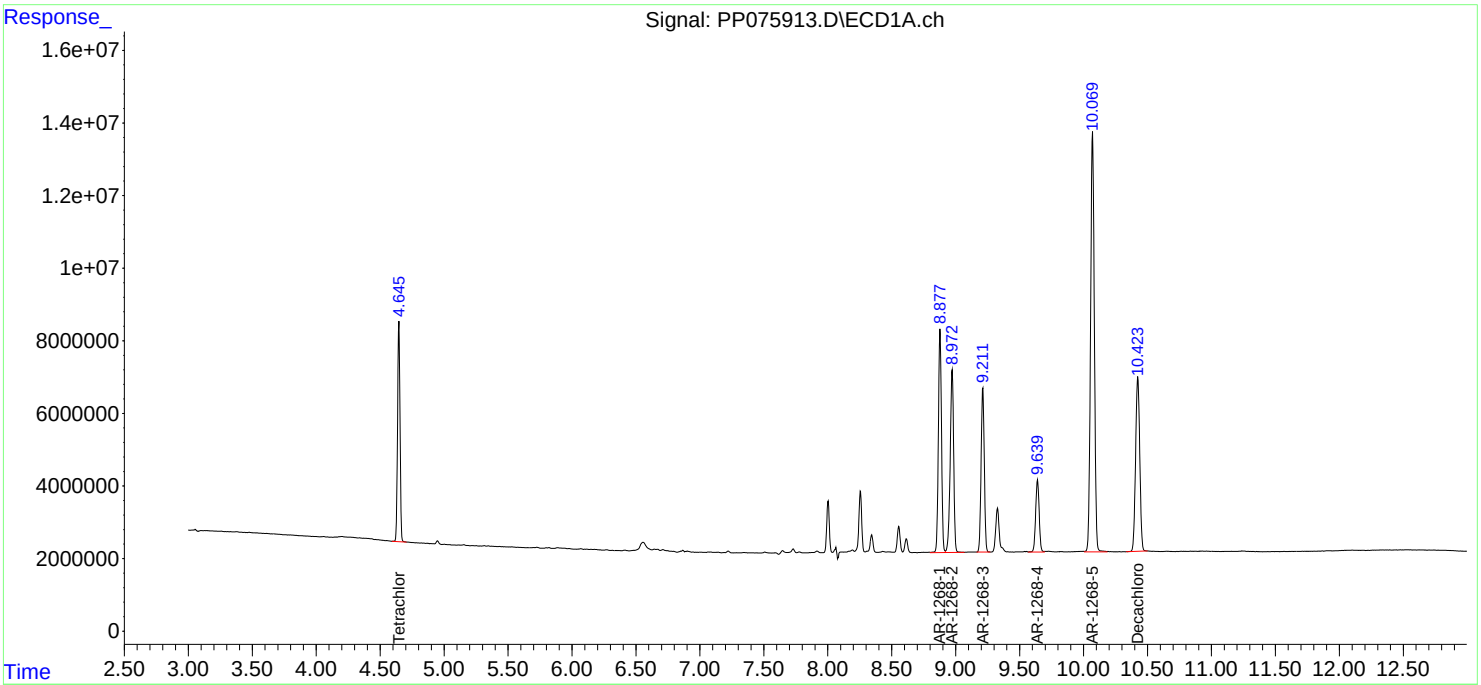
ICAL Form

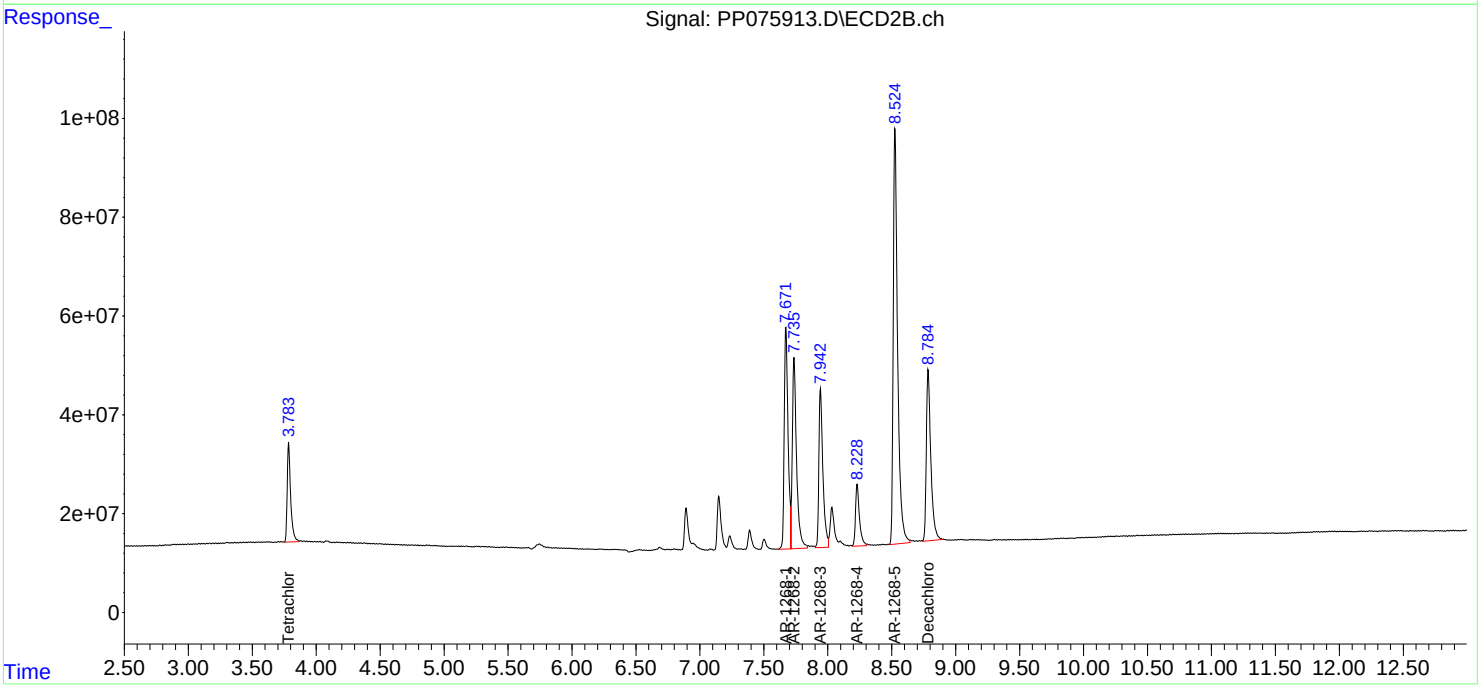
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075913.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:29
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

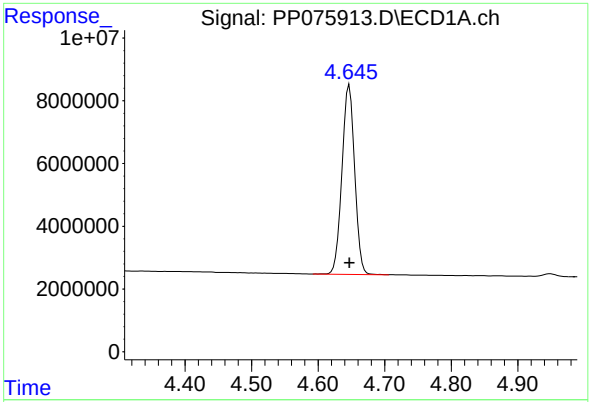
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

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

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



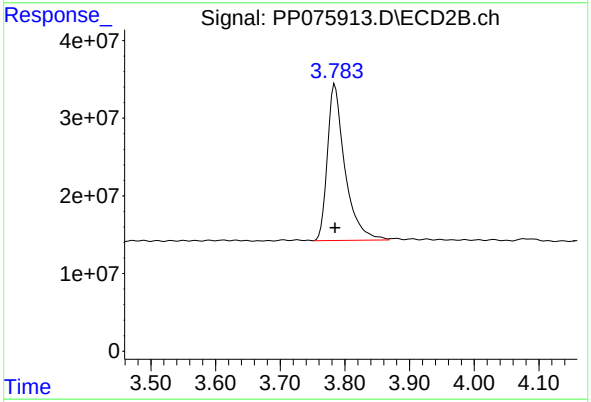




#1 Tetrachloro-m-xylene

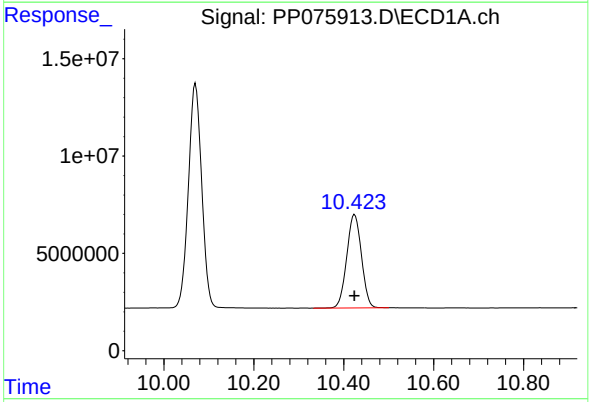
R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 80186895
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



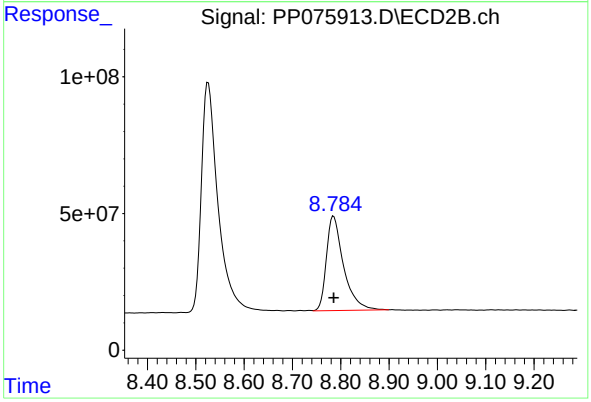
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 377671573
Conc: 50.00 ng/ml



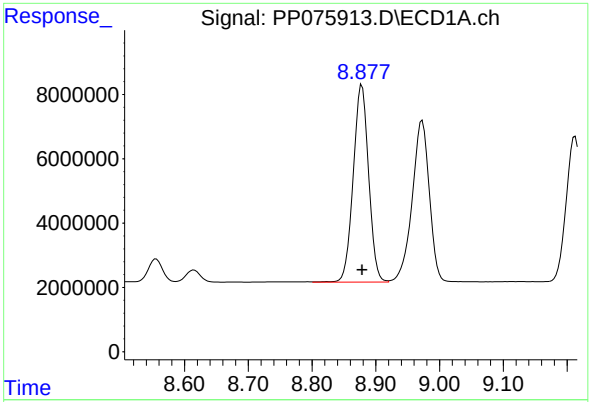
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 108695342
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

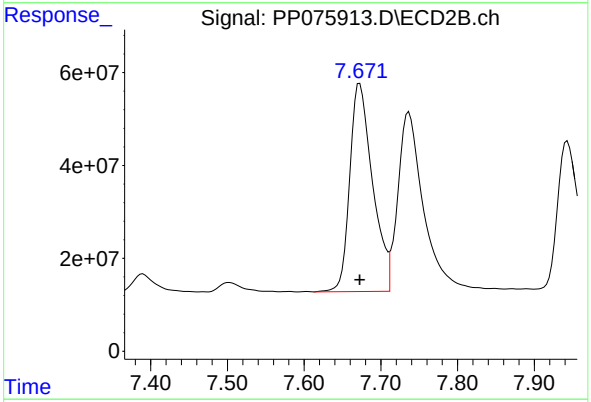
R.T.: 8.785 min
Delta R.T.: 0.000 min
Response: 851873809
Conc: 50.00 ng/ml



#41 AR-1268-1

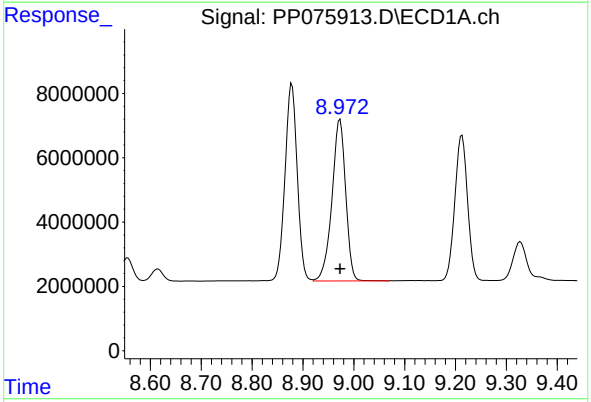
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 102803074
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



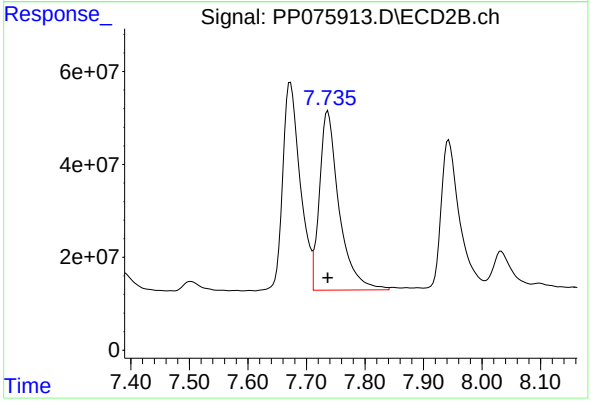
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 929431654
Conc: 500.00 ng/ml



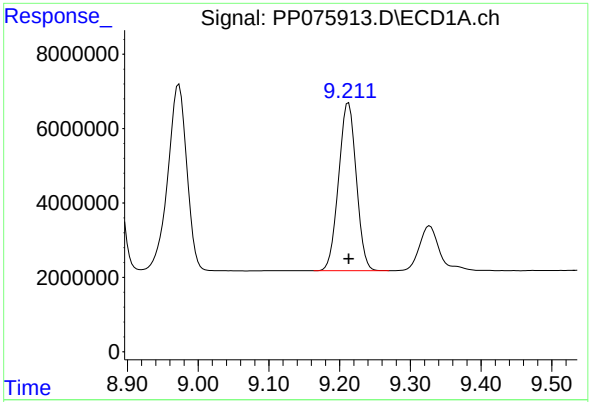
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 94092052
Conc: 500.00 ng/ml



#42 AR-1268-2

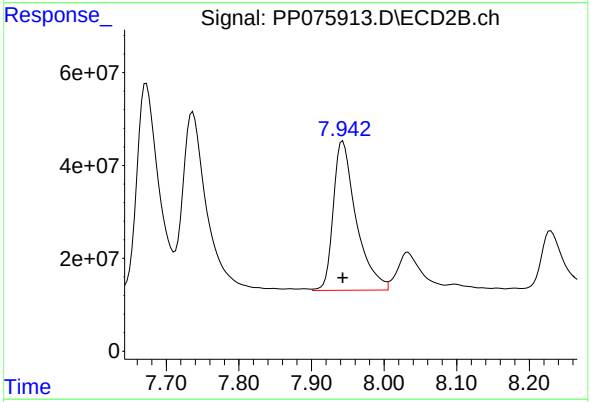
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 897707664
Conc: 500.00 ng/ml



#43 AR-1268-3

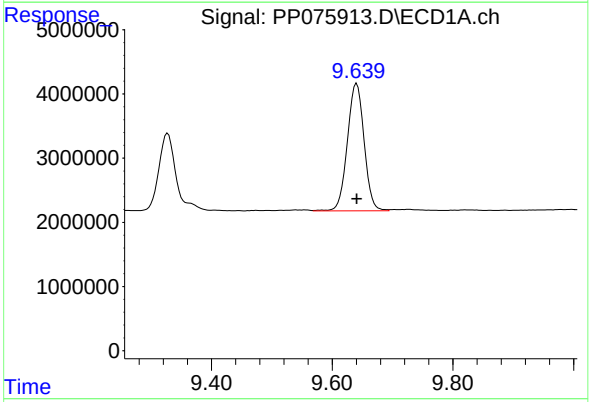
R.T.: 9.213 min
Delta R.T.: 0.000 min
Response: 78447140
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



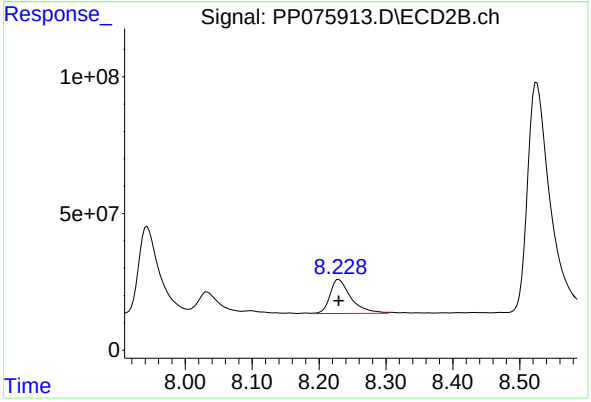
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 701373021
Conc: 500.00 ng/ml



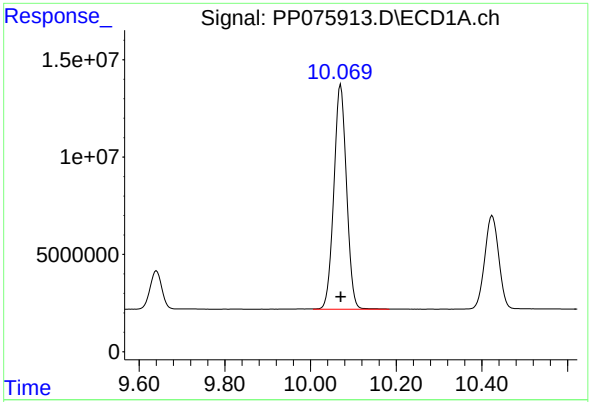
#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 38196242
Conc: 500.00 ng/ml



#44 AR-1268-4

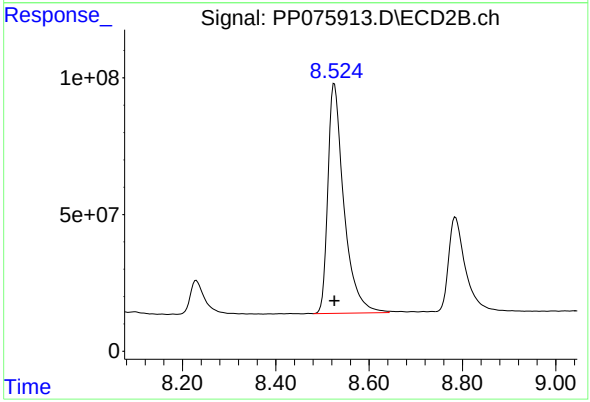
R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 270125720
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 10.070 min
Delta R.T.: 0.000 min
Response: 237676246
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 2006744807
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

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

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

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

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

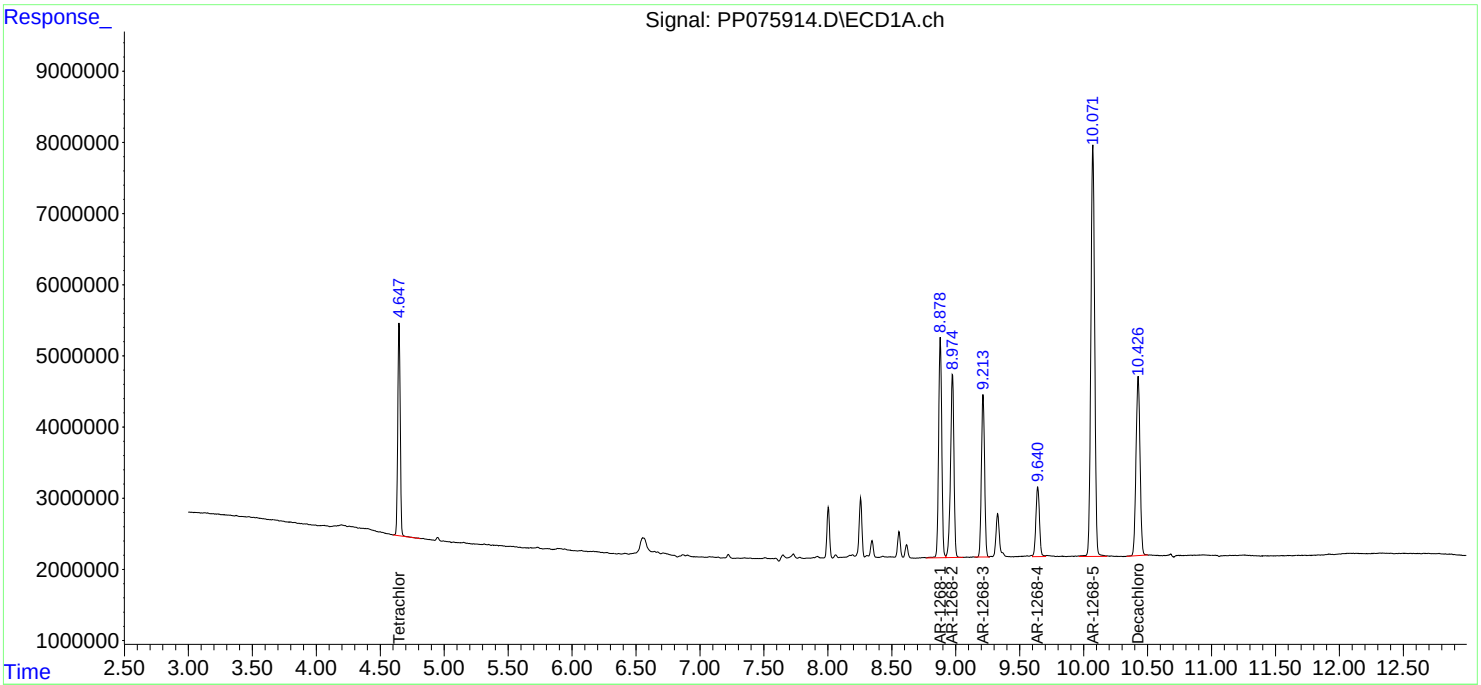
ICAL Form

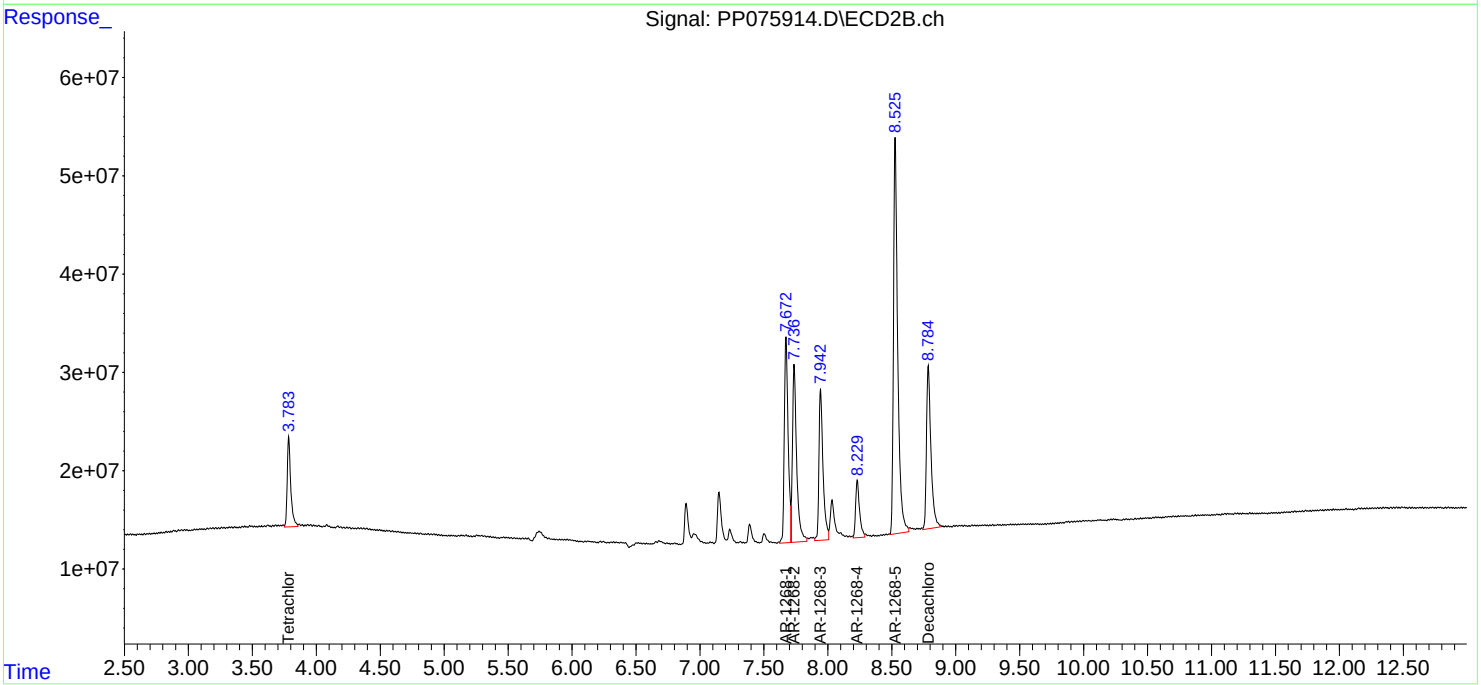
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075914.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 16:45
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

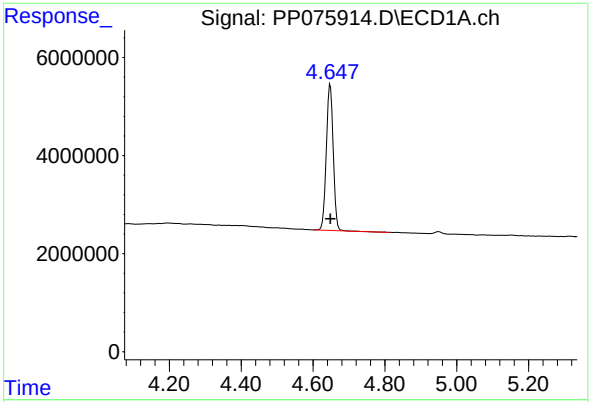
Instrument :
ECD_P
ClientSampleId :
AR1268ICC250

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

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



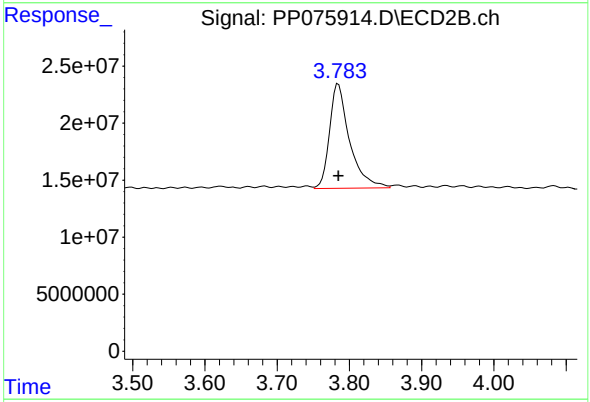




#1 Tetrachloro-m-xylene

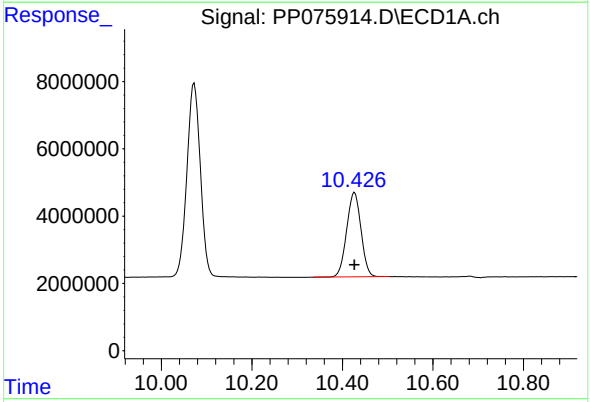
R.T.: 4.648 min
Delta R.T.: 0.000 min
Response: 39777145
Conc: 25.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



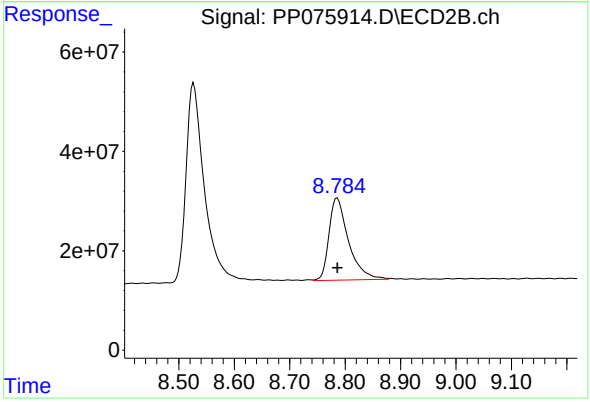
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 176826870
Conc: 23.85 ng/ml



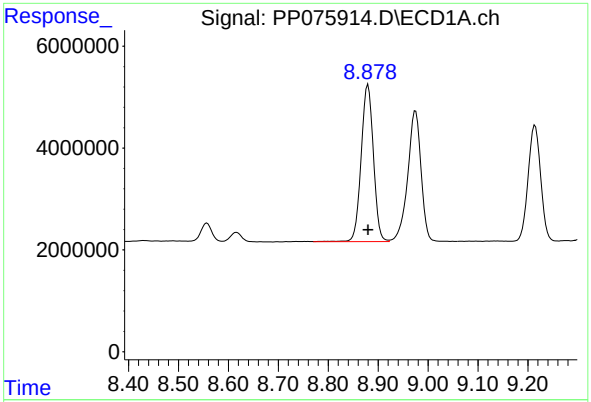
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: 0.000 min
Response: 55292786
Conc: 26.18 ng/ml



#2 Decachlorobiphenyl

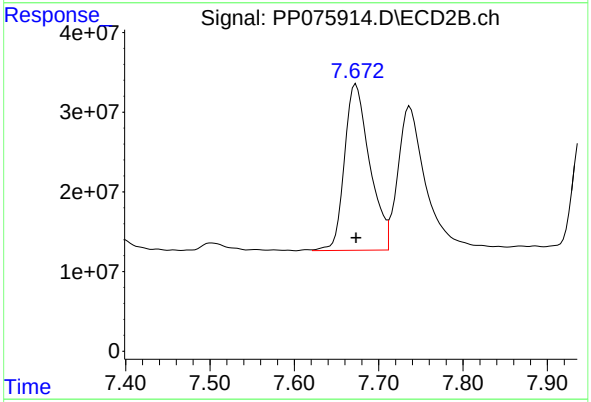
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 404933663
Conc: 24.32 ng/ml



#41 AR-1268-1

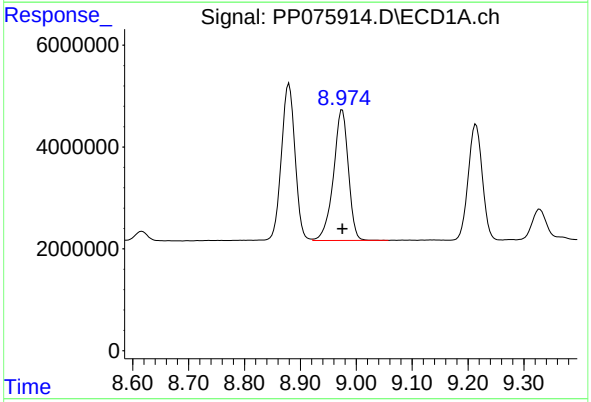
R.T.: 8.880 min
Delta R.T.: 0.000 min
Response: 52505558
Conc: 263.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



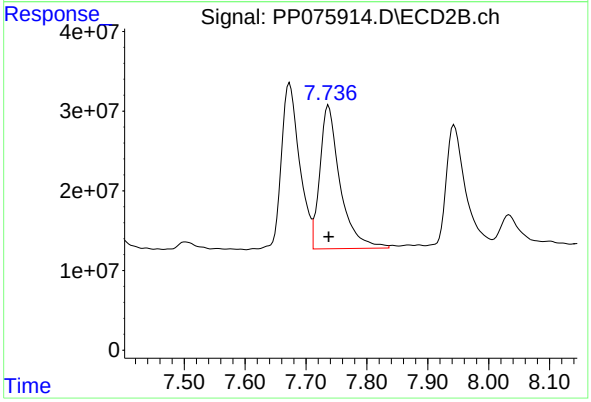
#41 AR-1268-1

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 433000119
Conc: 239.36 ng/ml



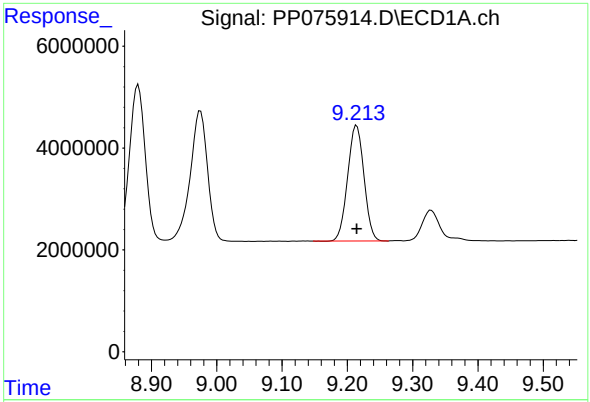
#42 AR-1268-2

R.T.: 8.975 min
Delta R.T.: 0.000 min
Response: 47519594
Conc: 260.42 ng/ml



#42 AR-1268-2

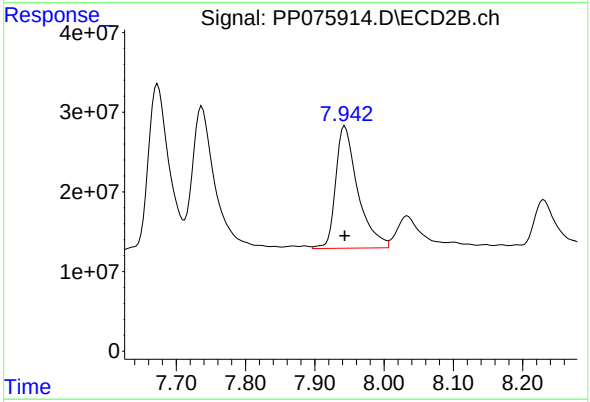
R.T.: 7.737 min
Delta R.T.: 0.000 min
Response: 415541726
Conc: 236.43 ng/ml



#43 AR-1268-3

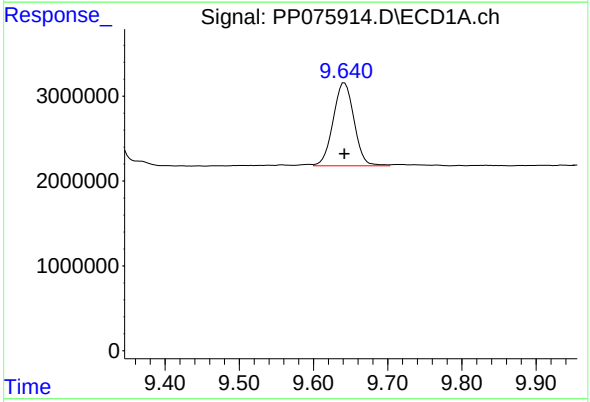
R.T.: 9.214 min
Delta R.T.: 0.000 min
Response: 39522518
Conc: 258.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



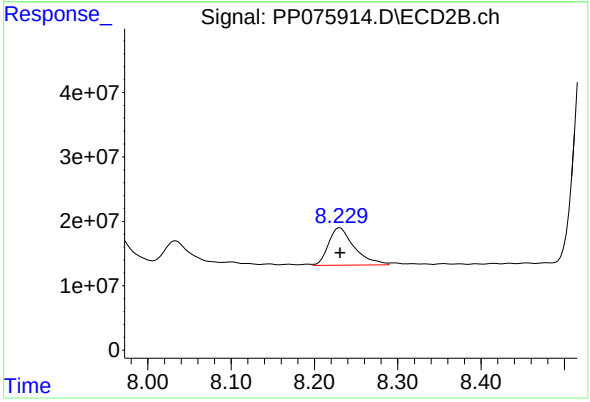
#43 AR-1268-3

R.T.: 7.943 min
Delta R.T.: 0.000 min
Response: 339678826
Conc: 247.49 ng/ml



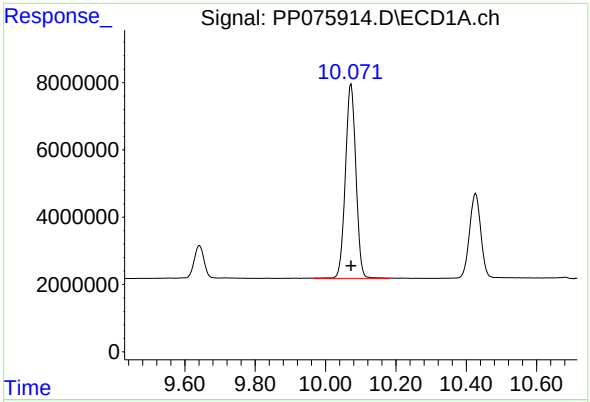
#44 AR-1268-4

R.T.: 9.642 min
Delta R.T.: 0.000 min
Response: 19156803
Conc: 256.40 ng/ml



#44 AR-1268-4

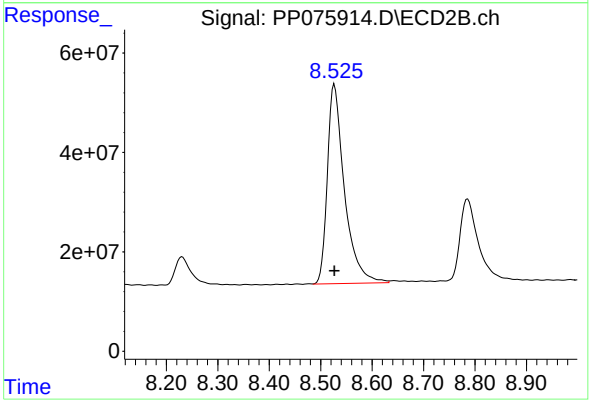
R.T.: 8.231 min
Delta R.T.: 0.000 min
Response: 125436731
Conc: 236.50 ng/ml



#45 AR-1268-5

R.T.: 10.073 min
Delta R.T.: 0.000 min
Response: 119984854
Conc: 257.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 8.527 min
Delta R.T.: 0.000 min
Response: 926998947
Conc: 239.58 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

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

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

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

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

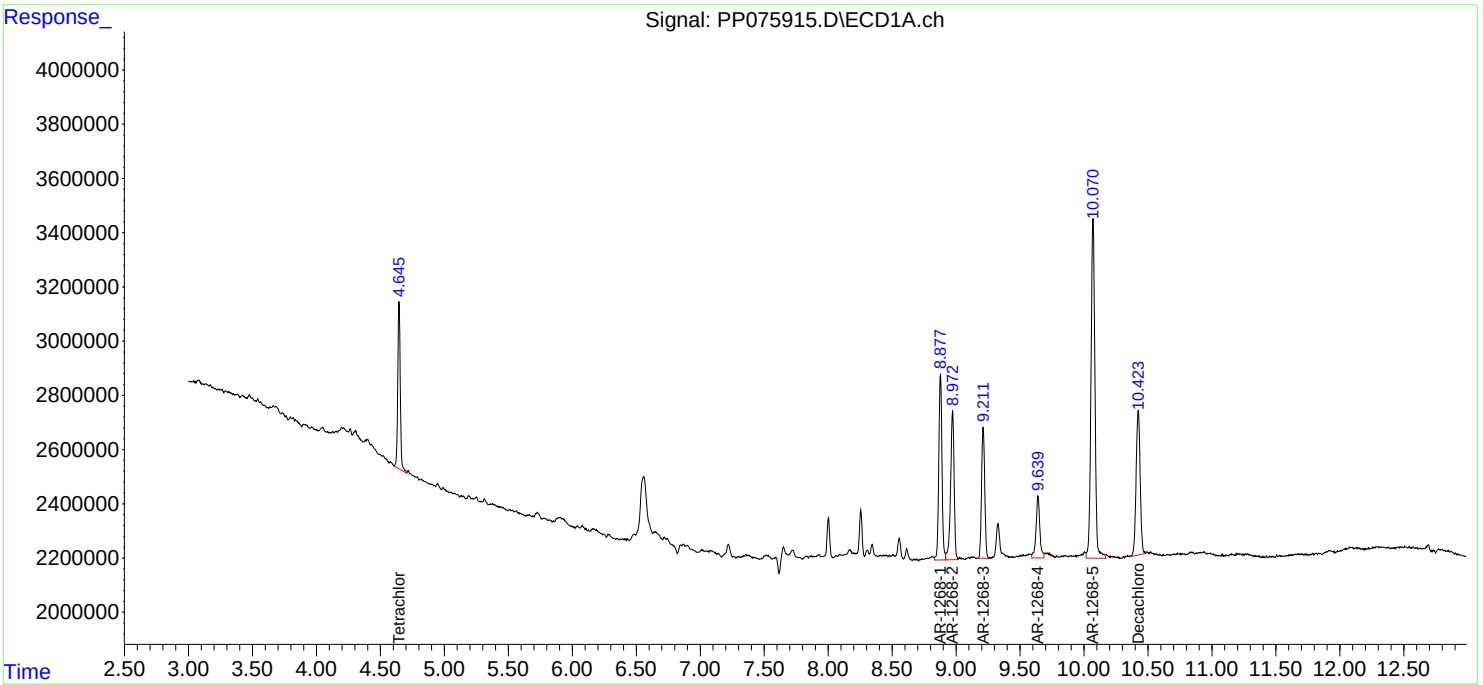
ICAL Form

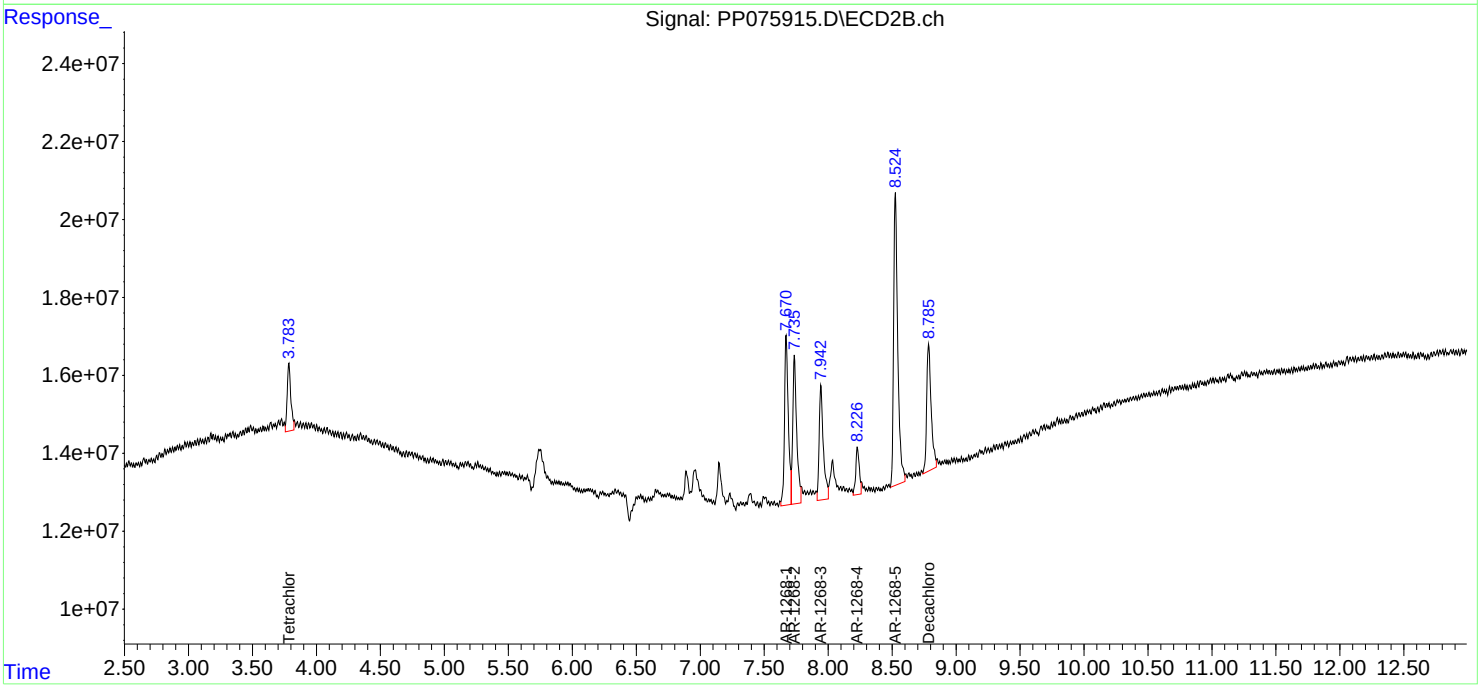
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075915.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:01
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

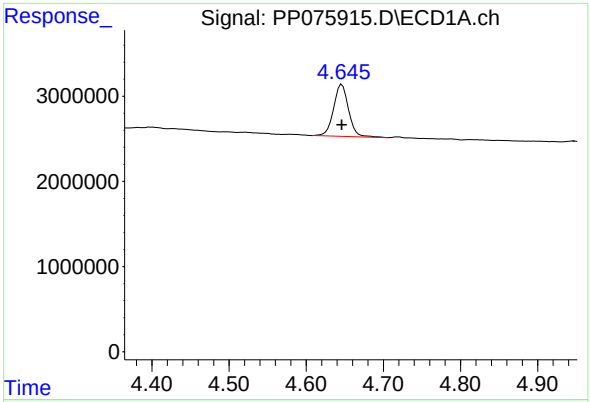
Instrument :
ECD_P
ClientSampleId :
AR1268ICC050

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

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



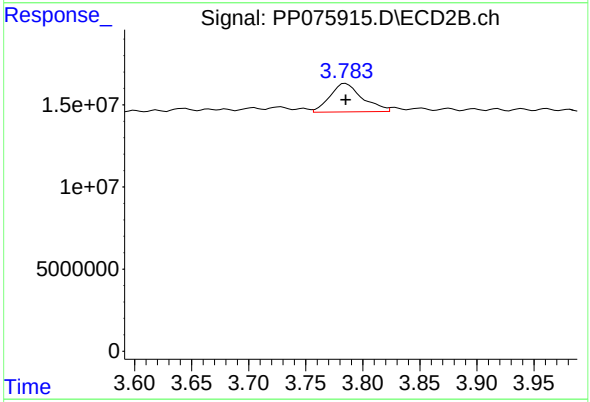




#1 Tetrachloro-m-xylene

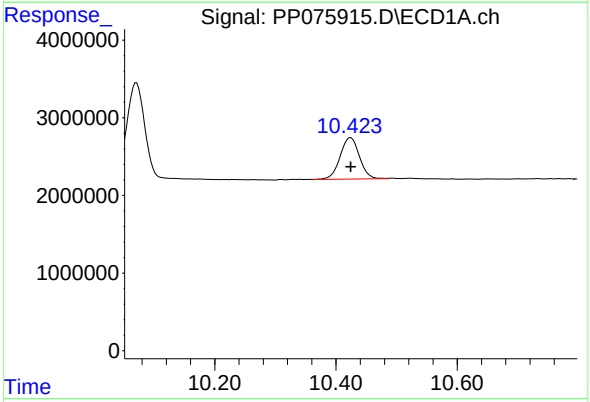
R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 8297245
Conc: 5.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



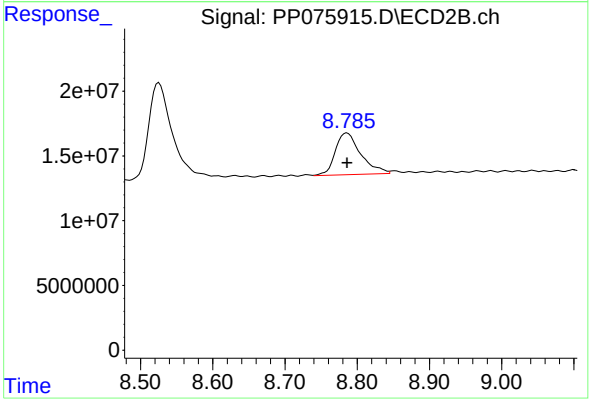
#1 Tetrachloro-m-xylene

R.T.: 3.785 min
Delta R.T.: 0.000 min
Response: 34278784
Conc: 4.69 ng/ml



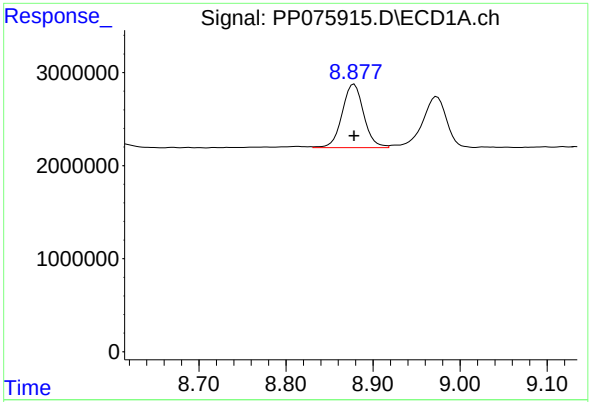
#2 Decachlorobiphenyl

R.T.: 10.424 min
Delta R.T.: 0.000 min
Response: 11780168
Conc: 5.45 ng/ml



#2 Decachlorobiphenyl

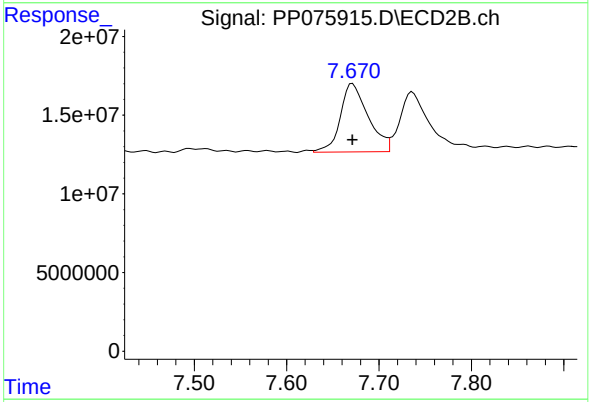
R.T.: 8.786 min
Delta R.T.: 0.000 min
Response: 79254993
Conc: 4.81 ng/ml



#41 AR-1268-1

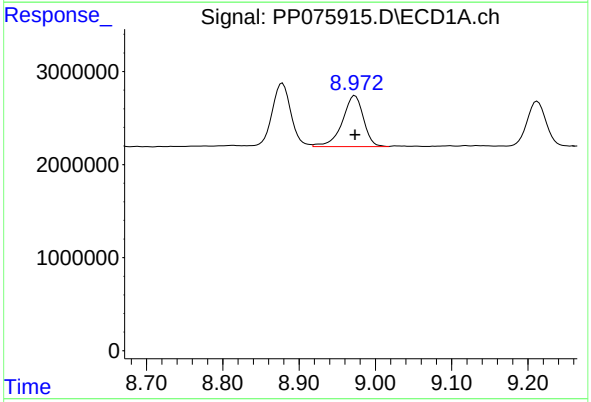
R.T.: 8.878 min
Delta R.T.: 0.000 min
Response: 11762673
Conc: 56.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



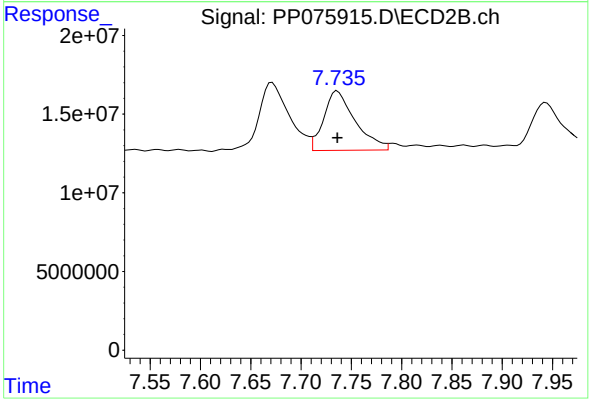
#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 90866583
Conc: 50.18 ng/ml



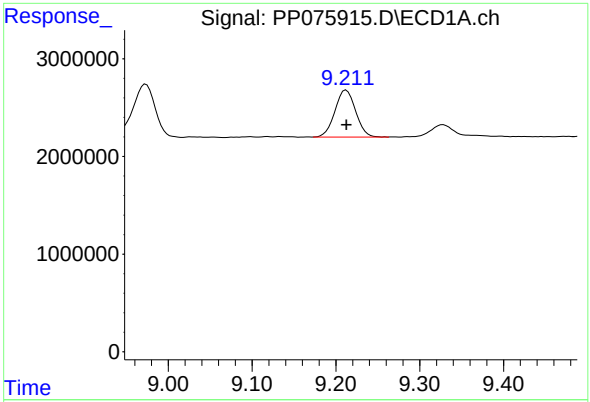
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: 0.000 min
Response: 10571240
Conc: 56.15 ng/ml



#42 AR-1268-2

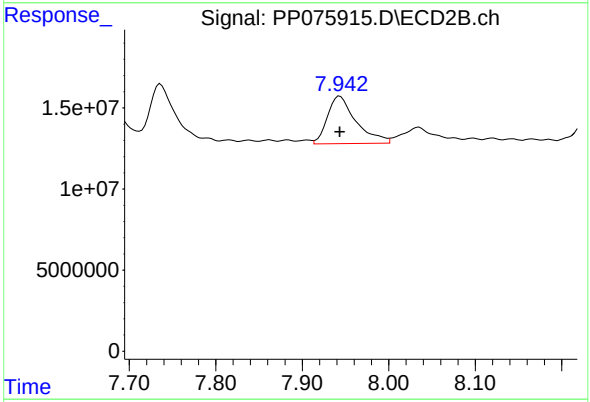
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 82258397
Conc: 47.41 ng/ml



#43 AR-1268-3

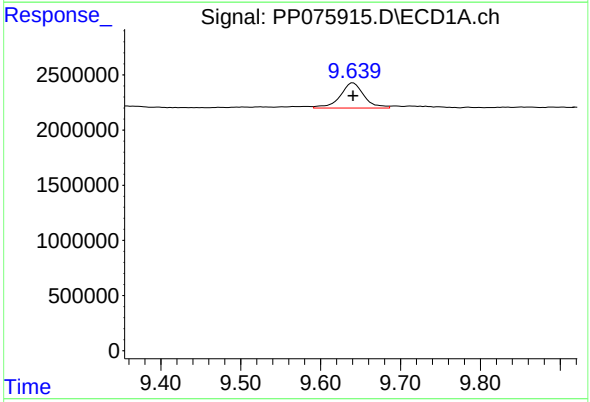
R.T.: 9.212 min
Delta R.T.: 0.000 min
Response: 8270442
Conc: 53.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



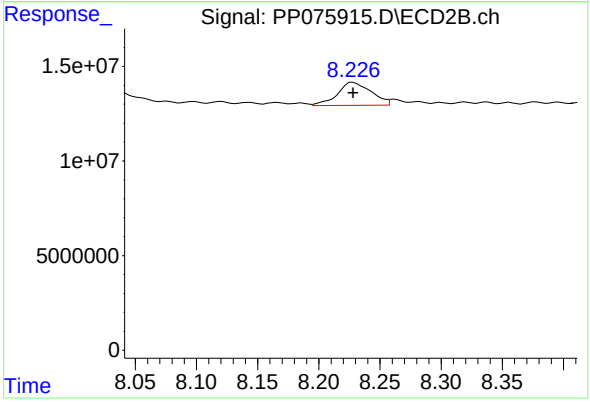
#43 AR-1268-3

R.T.: 7.944 min
Delta R.T.: 0.000 min
Response: 67275006
Conc: 49.21 ng/ml



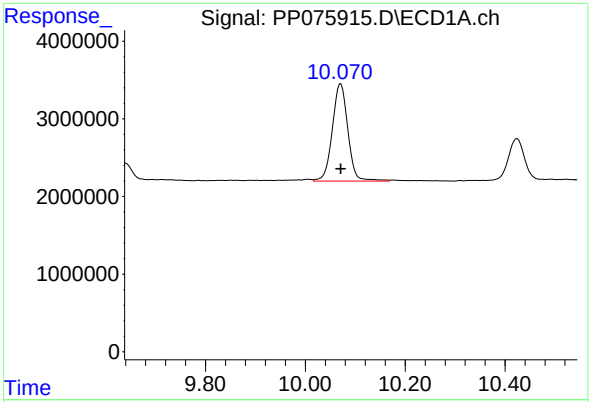
#44 AR-1268-4

R.T.: 9.641 min
Delta R.T.: 0.000 min
Response: 4718687
Conc: 60.00 ng/ml



#44 AR-1268-4

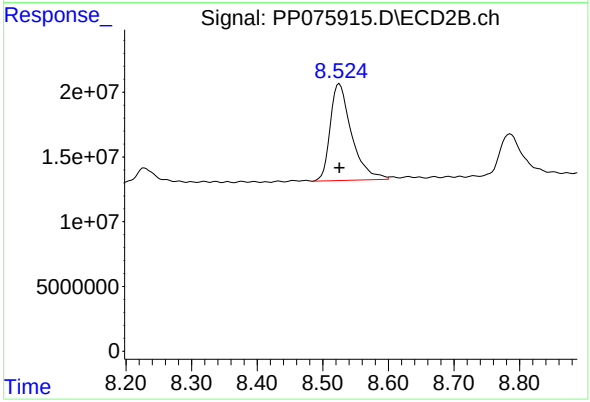
R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 23283603
Conc: 45.00 ng/ml



#45 AR-1268-5

R.T.: 10.071 min
Delta R.T.: 0.000 min
Response: 27065230
Conc: 56.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 169066563
Conc: 44.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	73895870	340.9E6	51.708	51.507
2)	SA Decachlor...	10.423	8.784	58947888	432.2E6	54.757	52.559
	Target Compounds						
3)	L1 AR-1016-1	5.799	4.879	30579076	390.9E6	517.184	528.086
4)	L1 AR-1016-2	5.820	4.937	46283521	183.5E6	523.308	536.724
5)	L1 AR-1016-3	5.883	5.057	29014100	102.8E6	524.184	500.470
6)	L1 AR-1016-4	5.980	5.097	23843232	102.7E6	524.717	549.750
7)	L1 AR-1016-5	6.273	5.312	22384300	107.6E6	515.702	472.171
31)	L7 AR-1260-1	7.391	6.340	38313477	286.2E6	557.233	522.496
32)	L7 AR-1260-2	7.644	6.526	47189702	452.3E6	526.804	555.781
33)	L7 AR-1260-3	8.002	6.680	37186118	328.9E6	536.700	584.366
34)	L7 AR-1260-4	8.230	7.149	40498377	308.8E6	590.602	594.624
35)	L7 AR-1260-5	8.556	7.389	79566551	796.8E6	537.788	587.781

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

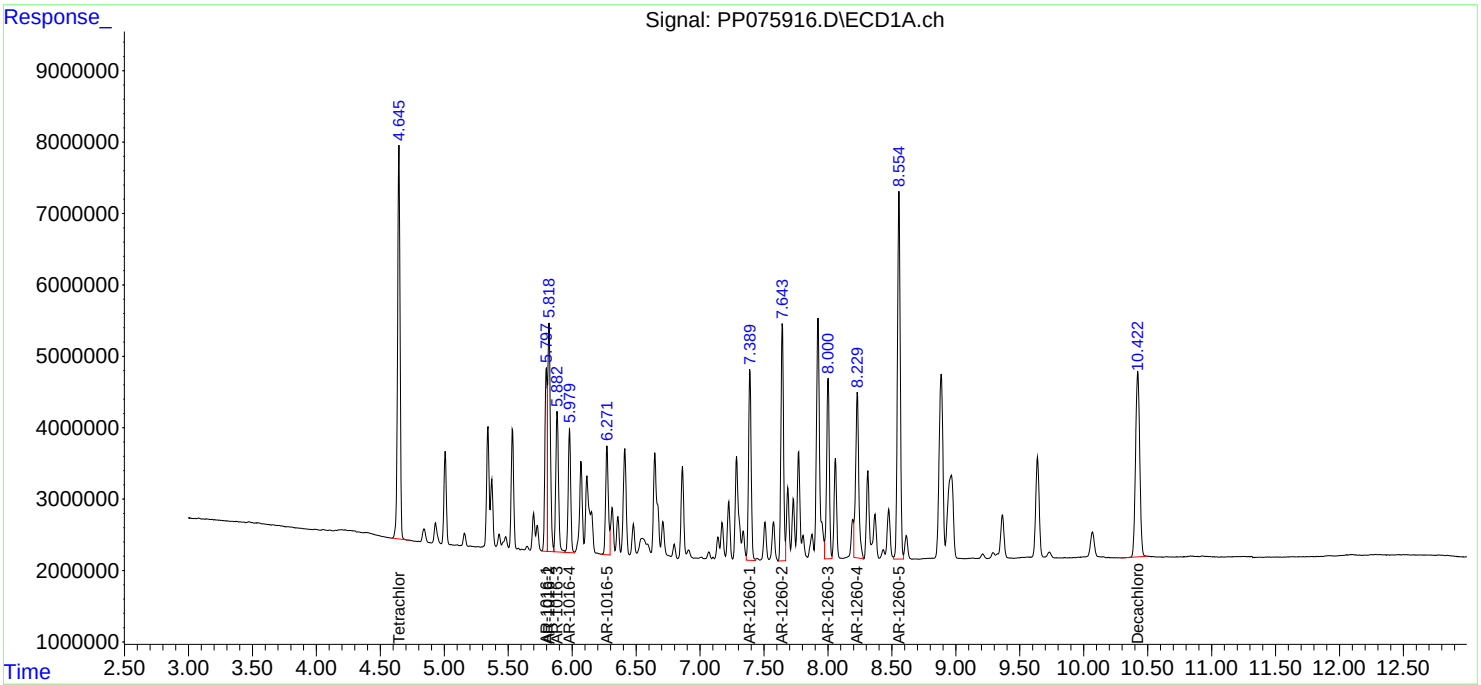
ICAL Form

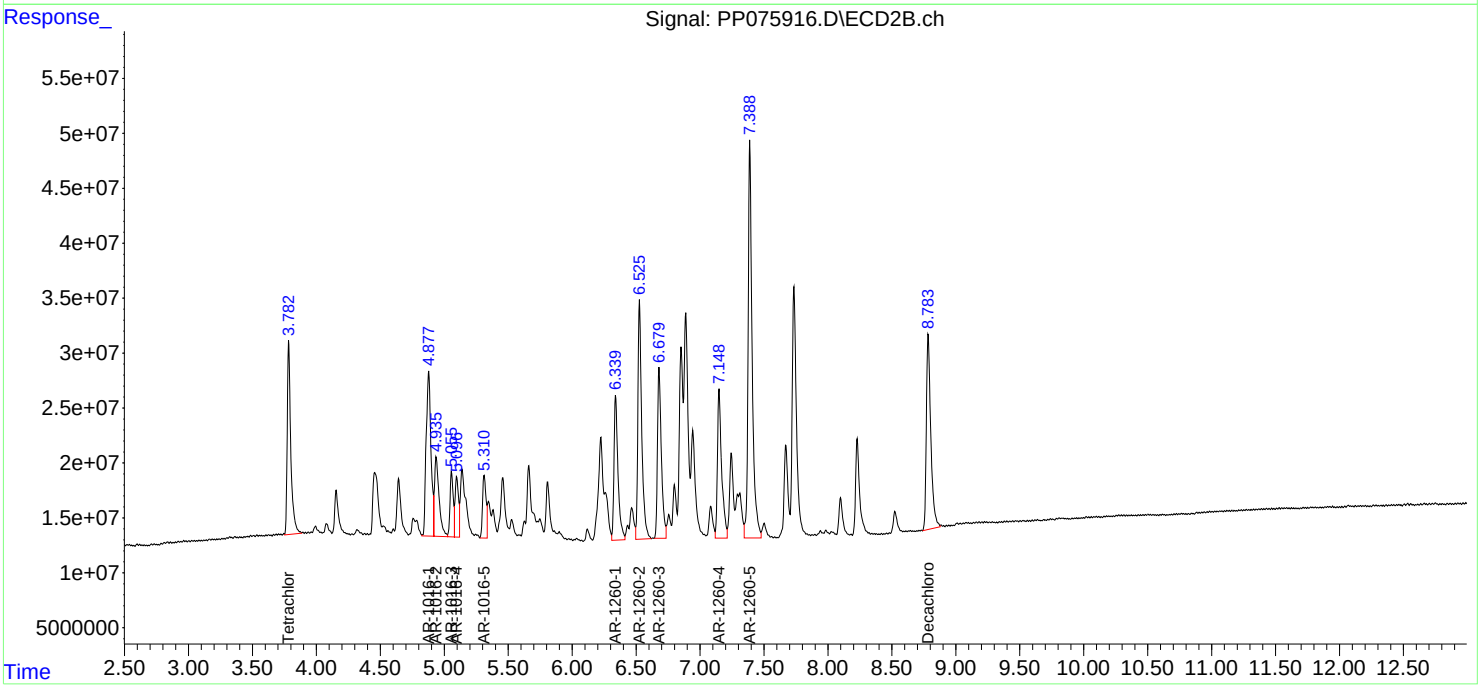
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075916.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 17:34
Operator : YP\AJ
Sample : PP102125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

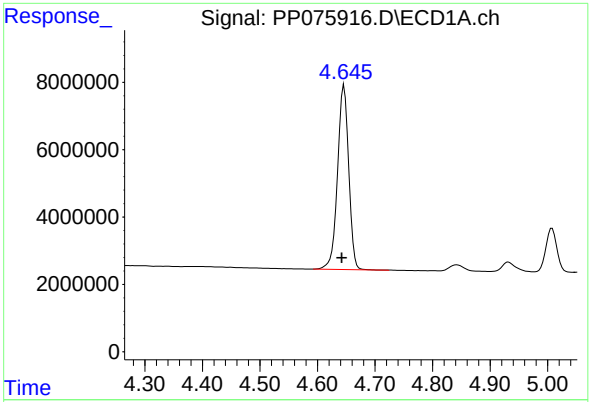
Instrument :
ECD_P
ClientSampleId :
ICVPP102125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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



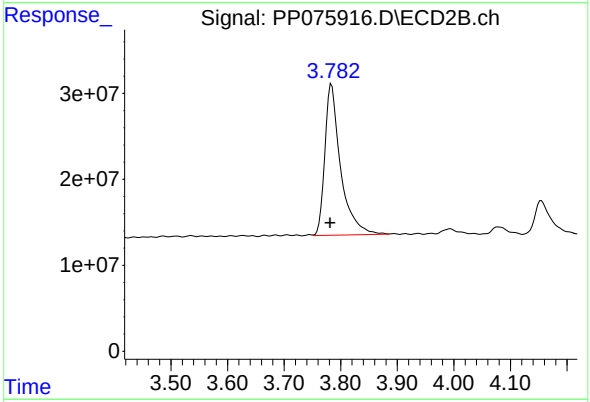




#1 Tetrachloro-m-xylene

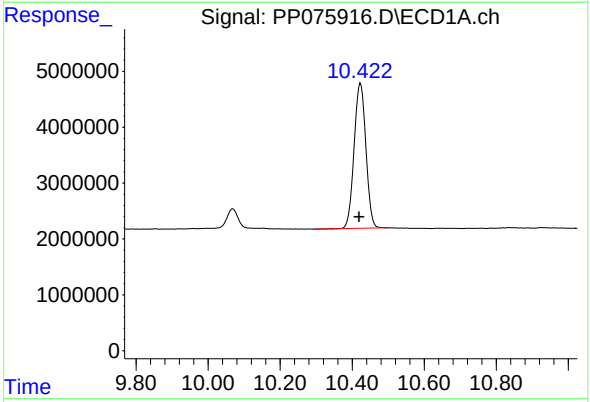
R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 73895870
Conc: 51.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



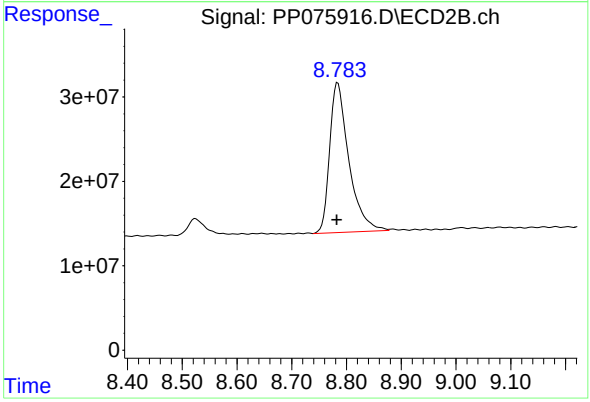
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 340889303
Conc: 51.51 ng/ml



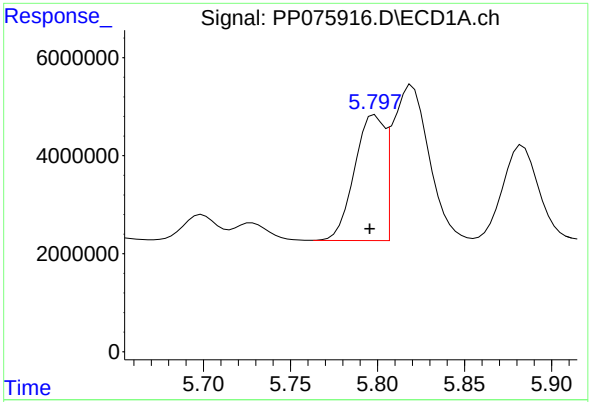
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.004 min
Response: 58947888
Conc: 54.76 ng/ml



#2 Decachlorobiphenyl

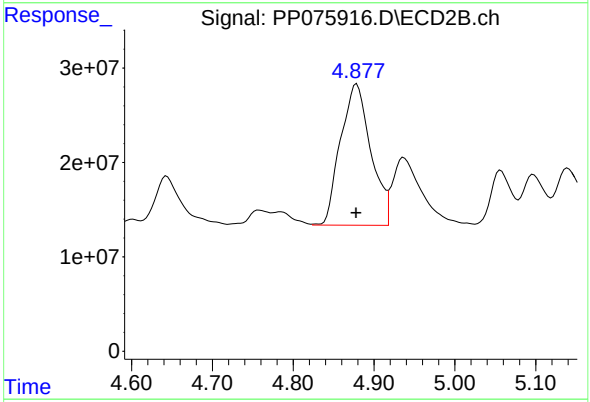
R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 432193063
Conc: 52.56 ng/ml



#3 AR-1016-1

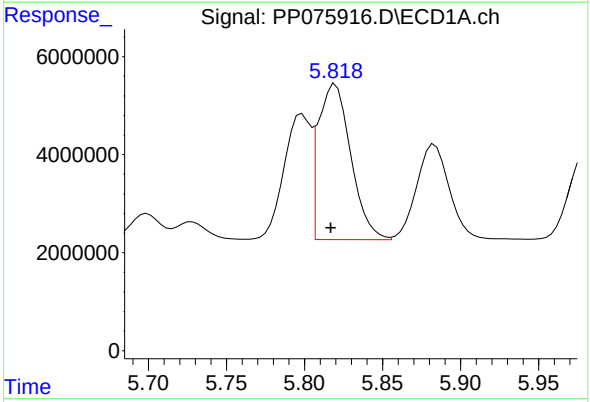
R.T.: 5.799 min
Delta R.T.: 0.003 min
Response: 30579076
Conc: 517.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



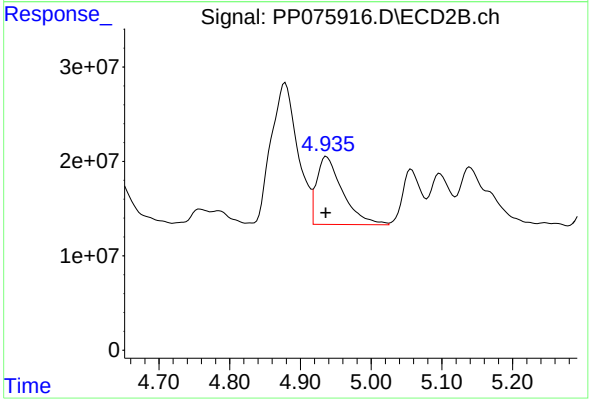
#3 AR-1016-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 390874787
Conc: 528.09 ng/ml



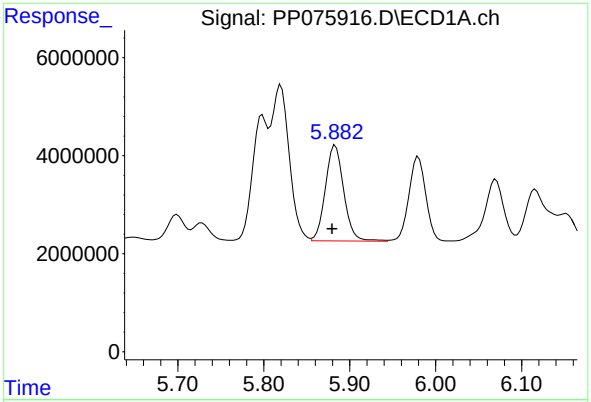
#4 AR-1016-2

R.T.: 5.820 min
Delta R.T.: 0.003 min
Response: 46283521
Conc: 523.31 ng/ml



#4 AR-1016-2

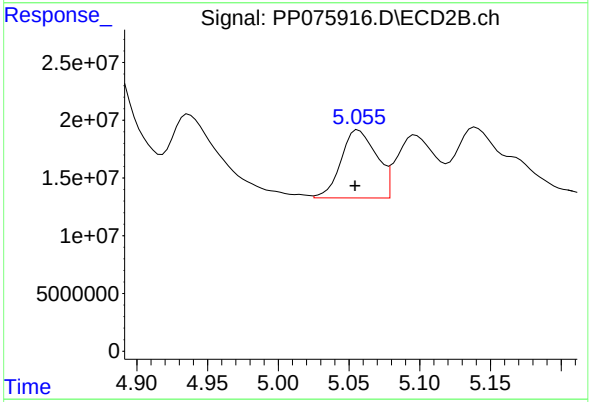
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 183523265
Conc: 536.72 ng/ml



#5 AR-1016-3

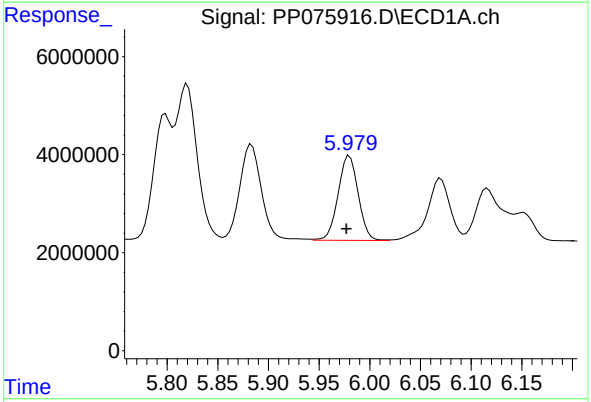
R.T.: 5.883 min
Delta R.T.: 0.004 min
Response: 29014100
Conc: 524.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



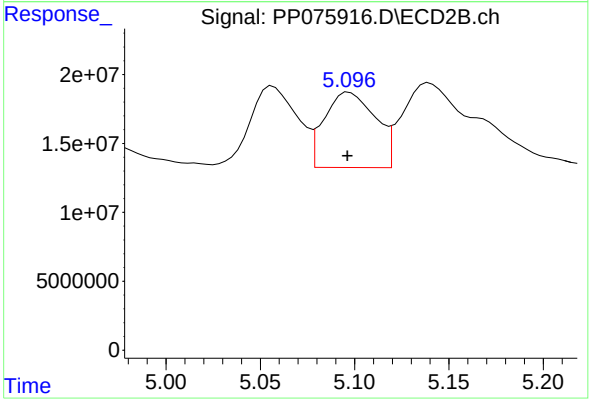
#5 AR-1016-3

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 102767686
Conc: 500.47 ng/ml



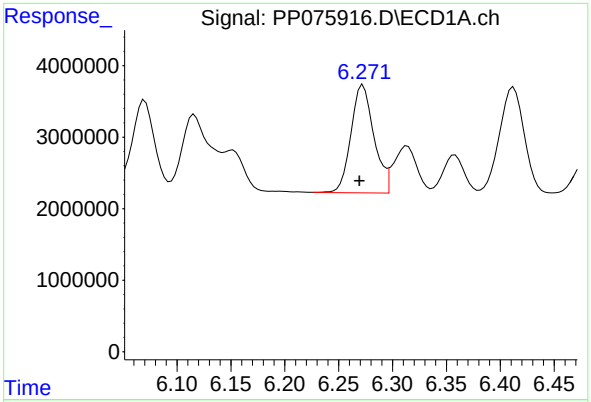
#6 AR-1016-4

R.T.: 5.980 min
Delta R.T.: 0.003 min
Response: 23843232
Conc: 524.72 ng/ml



#6 AR-1016-4

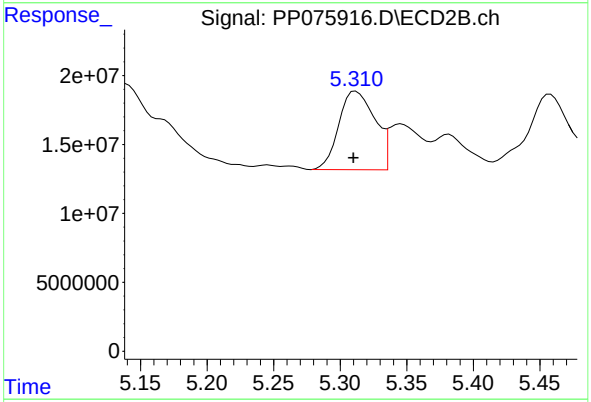
R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 102740344
Conc: 549.75 ng/ml



#7 AR-1016-5

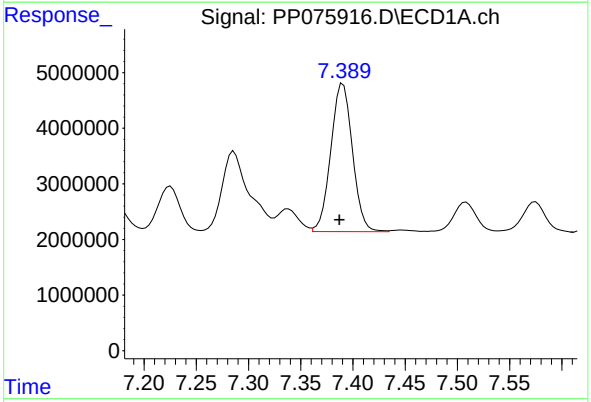
R.T.: 6.273 min
Delta R.T.: 0.003 min
Response: 22384300
Conc: 515.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



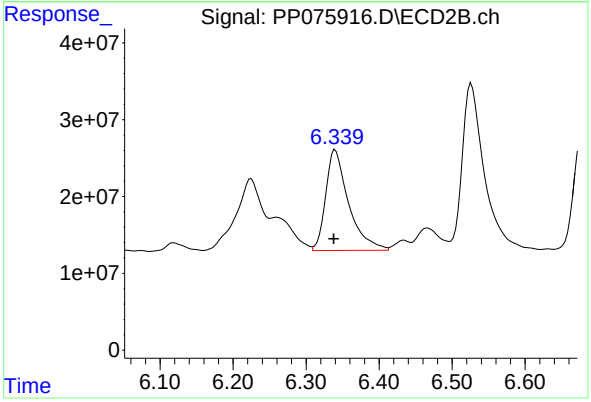
#7 AR-1016-5

R.T.: 5.312 min
Delta R.T.: 0.002 min
Response: 107646913
Conc: 472.17 ng/ml



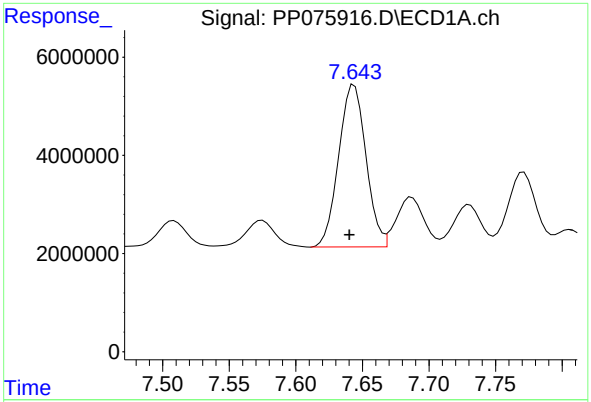
#31 AR-1260-1

R.T.: 7.391 min
Delta R.T.: 0.003 min
Response: 38313477
Conc: 557.23 ng/ml



#31 AR-1260-1

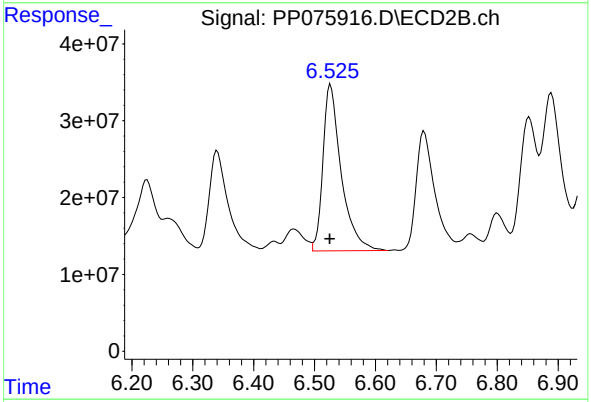
R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 286168367
Conc: 522.50 ng/ml



#32 AR-1260-2

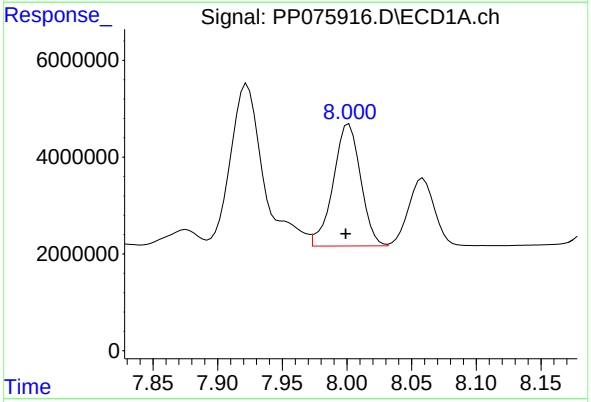
R.T.: 7.644 min
Delta R.T.: 0.004 min
Response: 47189702
Conc: 526.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



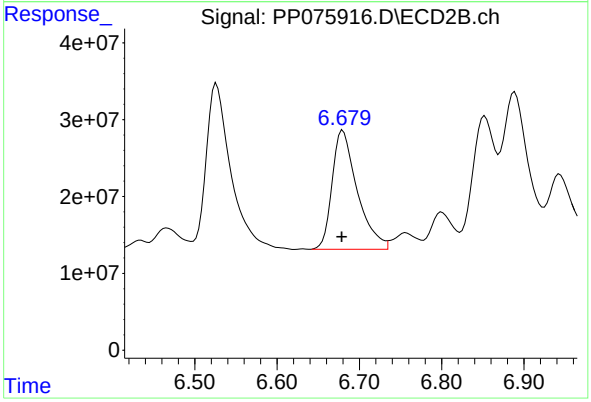
#32 AR-1260-2

R.T.: 6.526 min
Delta R.T.: 0.002 min
Response: 452257269
Conc: 555.78 ng/ml



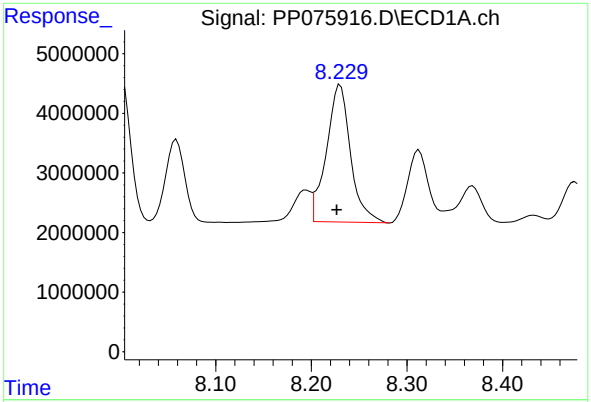
#33 AR-1260-3

R.T.: 8.002 min
Delta R.T.: 0.002 min
Response: 37186118
Conc: 536.70 ng/ml



#33 AR-1260-3

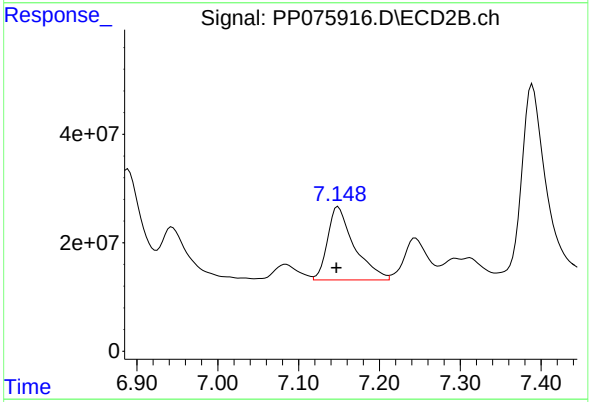
R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 328856179
Conc: 584.37 ng/ml



#34 AR-1260-4

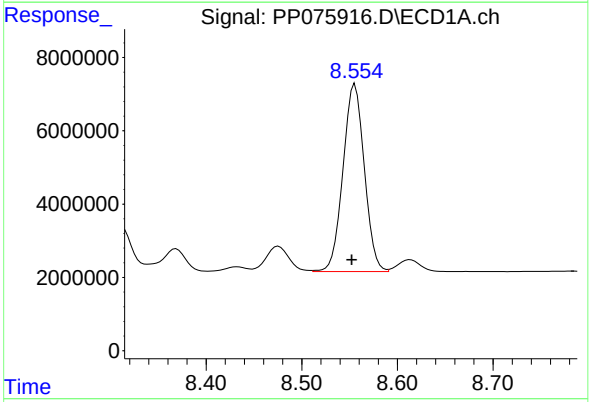
R.T.: 8.230 min
Delta R.T.: 0.004 min
Response: 40498377
Conc: 590.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125



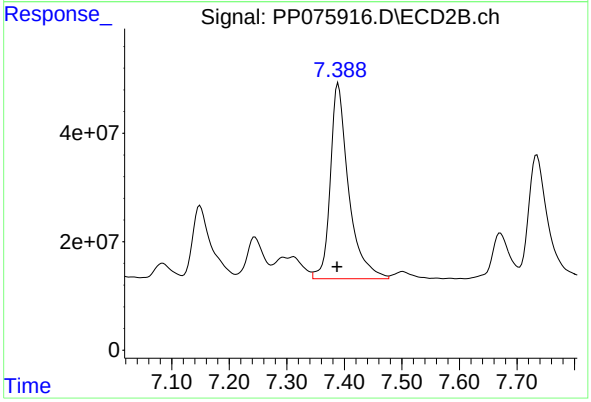
#34 AR-1260-4

R.T.: 7.149 min
Delta R.T.: 0.002 min
Response: 308806751
Conc: 594.62 ng/ml



#35 AR-1260-5

R.T.: 8.556 min
Delta R.T.: 0.004 min
Response: 79566551
Conc: 537.79 ng/ml



#35 AR-1260-5

R.T.: 7.389 min
Delta R.T.: 0.002 min
Response: 796768819
Conc: 587.78 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.646	3.784	79486082	365.2E6	55.620	55.173
2)	SA Decachlor...	10.423	8.785	64567530	484.9E6	59.978m	58.969
	Target Compounds						
16)	L4 AR-1242-1	5.799	4.879	24532478	301.7E6	512.088	524.891
17)	L4 AR-1242-2	5.820	4.937	37086619	138.8E6	523.883	499.981
18)	L4 AR-1242-3	5.883	5.057	22990427	78773054	503.714	500.427
19)	L4 AR-1242-4	5.980	5.139	18909181	99357590	520.064	536.743m
20)	L4 AR-1242-5	6.710	5.660	21676788	123.9E6	529.426	538.030

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

ICAL Form

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

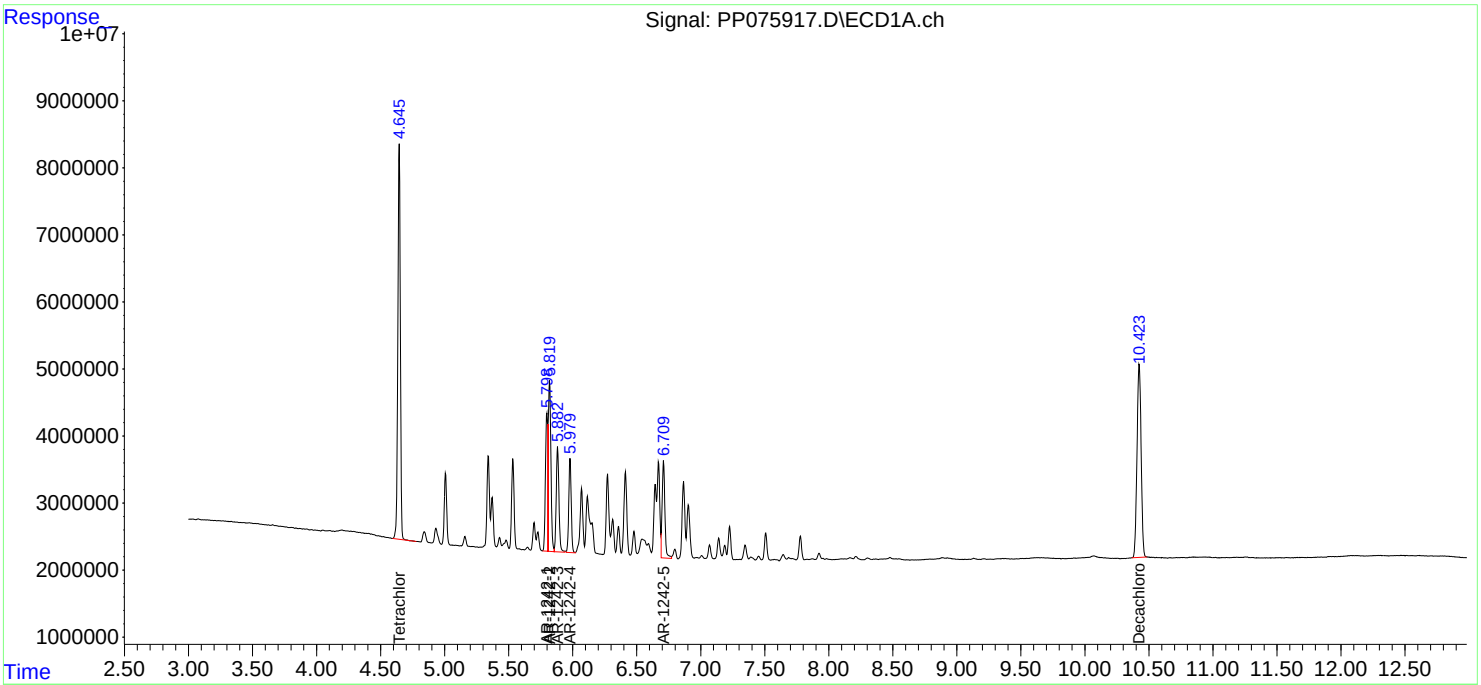
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

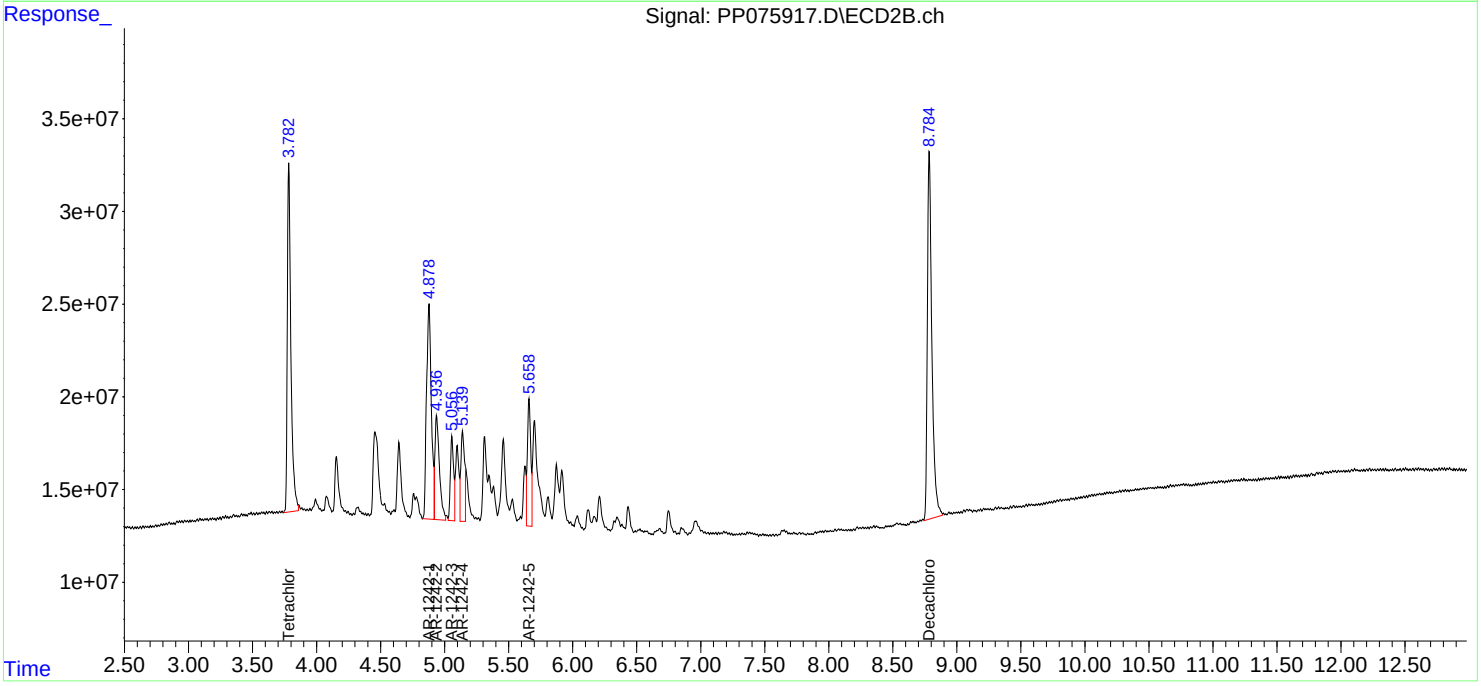
Manual Integrations APPROVED

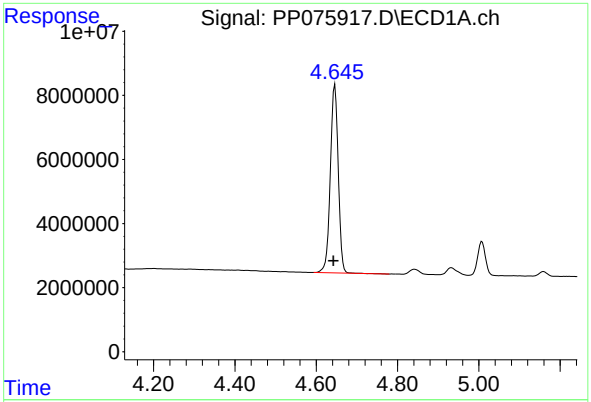
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:16:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







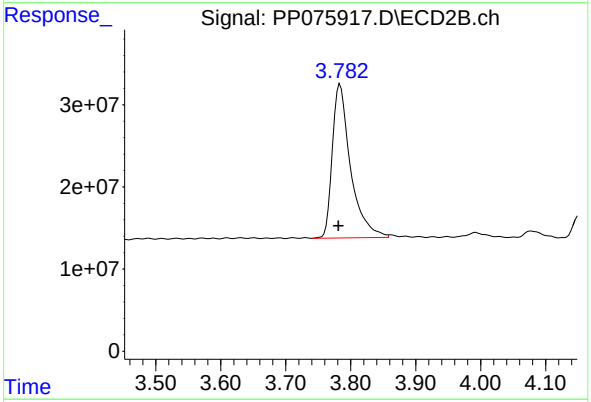
#1 Tetrachloro-m-xylene

R.T.: 4.646 min
Delta R.T.: 0.004 min
Response: 79486082
Conc: 55.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

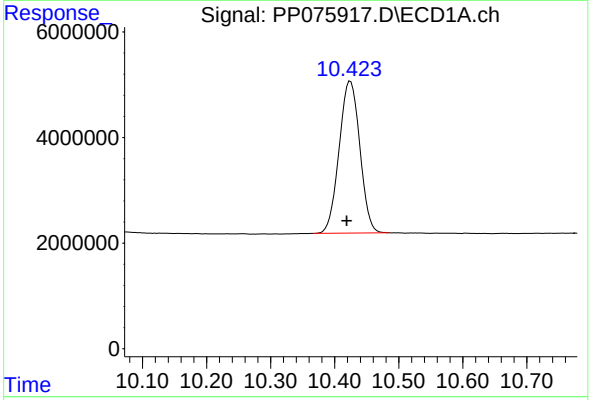
Manual Integrations APPROVED

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



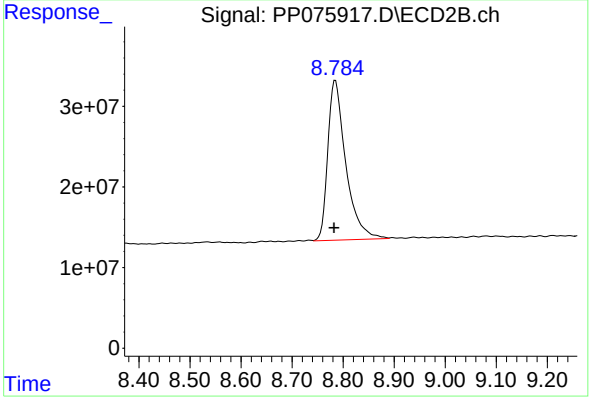
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 365150597
Conc: 55.17 ng/ml



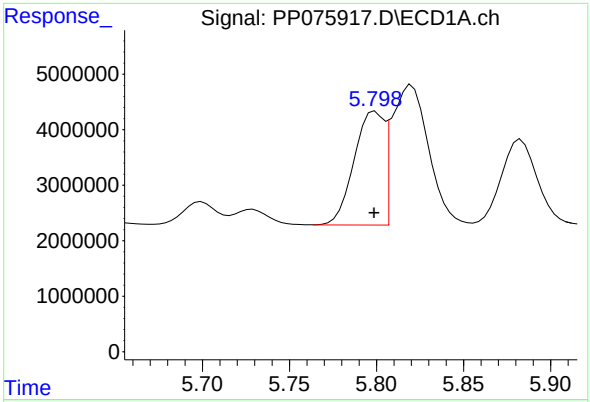
#2 Decachlorobiphenyl

R.T.: 10.423 min
Delta R.T.: 0.004 min
Response: 64567530
Conc: 59.98 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 484904598
Conc: 58.97 ng/ml



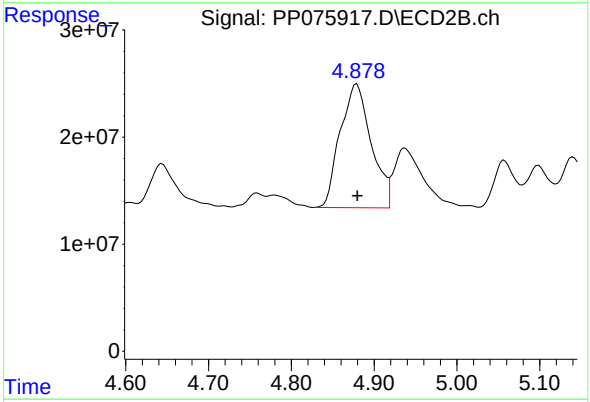
#16 AR-1242-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 24532478
Conc: 512.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

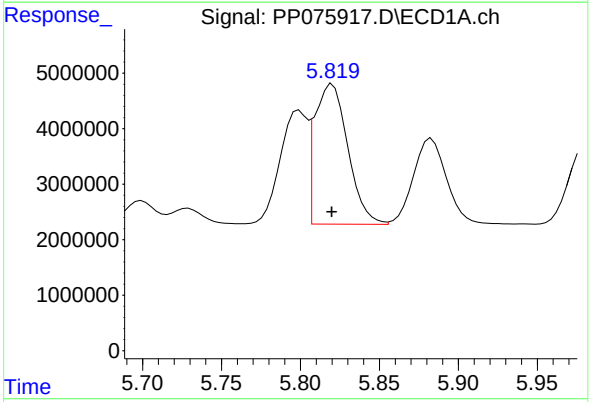
Manual Integrations APPROVED

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



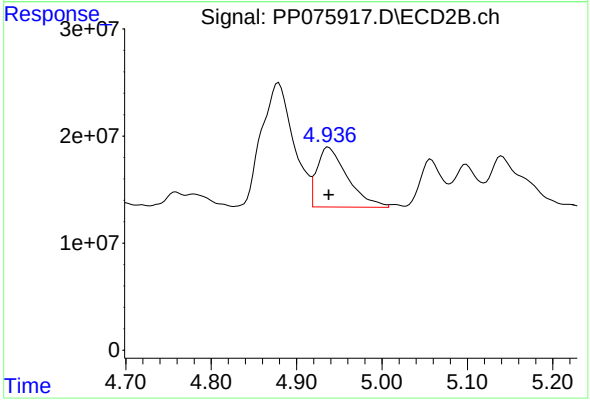
#16 AR-1242-1

R.T.: 4.879 min
Delta R.T.: 0.000 min
Response: 301682488
Conc: 524.89 ng/ml



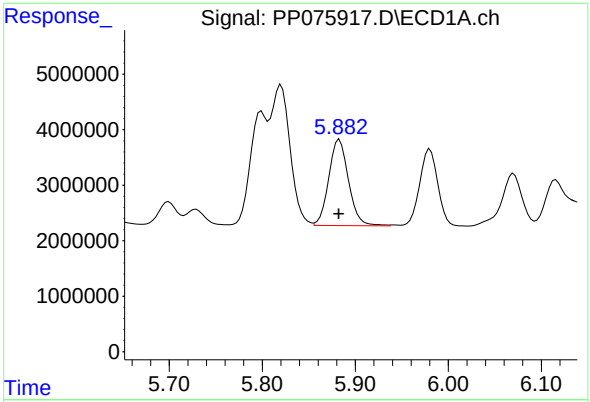
#17 AR-1242-2

R.T.: 5.820 min
Delta R.T.: 0.000 min
Response: 37086619
Conc: 523.88 ng/ml



#17 AR-1242-2

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 138750292
Conc: 499.98 ng/ml



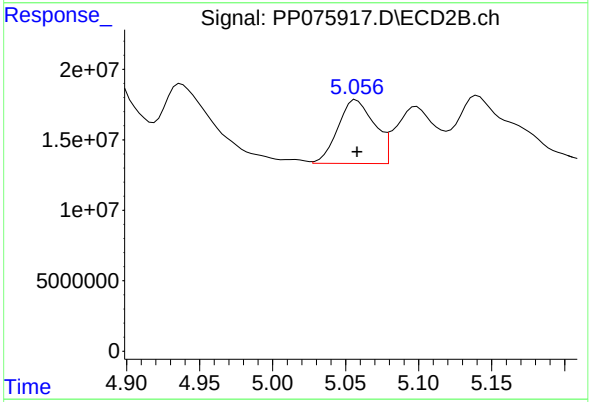
#18 AR-1242-3

R.T.: 5.883 min
Delta R.T.: 0.000 min
Response: 22990427
Conc: 503.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

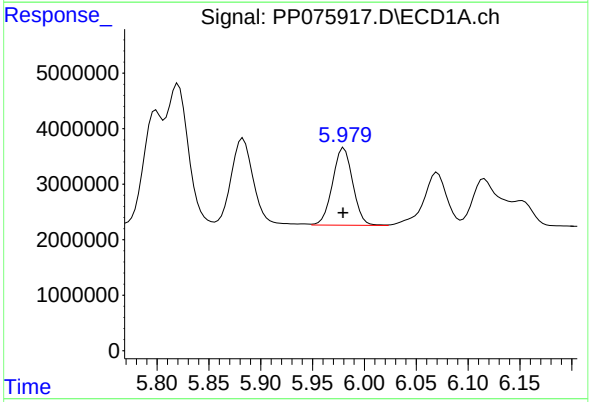
Manual Integrations APPROVED

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



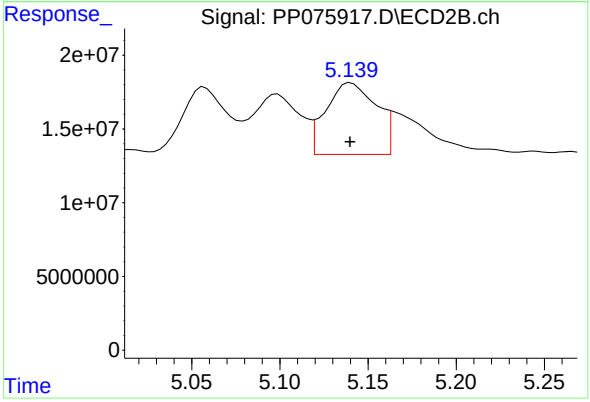
#18 AR-1242-3

R.T.: 5.057 min
Delta R.T.: 0.000 min
Response: 78773054
Conc: 500.43 ng/ml



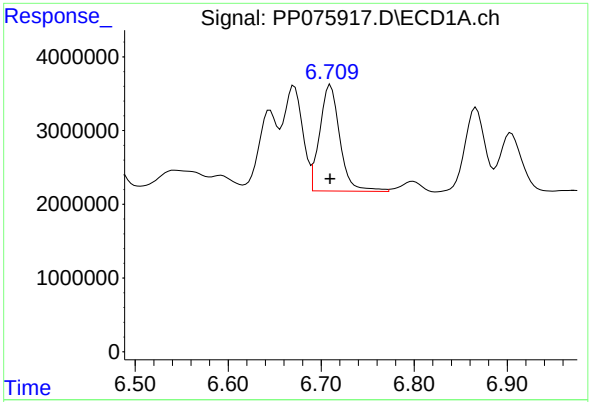
#19 AR-1242-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18909181
Conc: 520.06 ng/ml



#19 AR-1242-4

R.T.: 5.139 min
Delta R.T.: 0.000 min
Response: 99357590
Conc: 536.74 ng/ml m



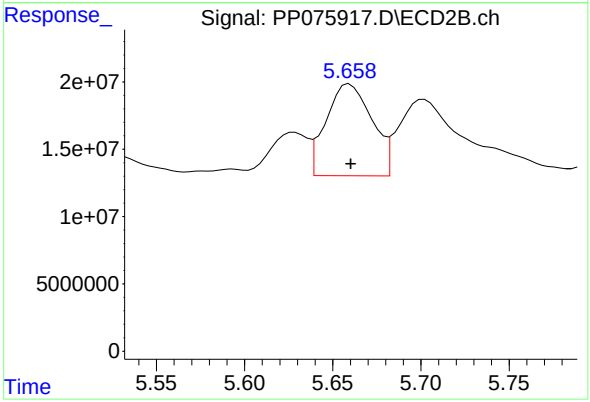
#20 AR-1242-5

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 21676788
Conc: 529.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1242

Manual Integrations APPROVED

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



#20 AR-1242-5

R.T.: 5.660 min
Delta R.T.: 0.000 min
Response: 123874613
Conc: 538.03 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.647	3.784	77354608	375.4E6	54.128	56.717
2)	SA Decachlor...	10.425	8.785	62090346	474.3E6	57.677	57.676
	Target Compounds						
21)	L5 AR-1248-1	5.799	4.878	18454423	193.8E6	514.472	515.973
22)	L5 AR-1248-2	6.070	5.099	24718037	124.2E6	507.095	505.124
23)	L5 AR-1248-3	6.273	5.138	27349933	132.7E6	504.009	462.616m
24)	L5 AR-1248-4	6.671	5.312	33802442	144.9E6	509.348	512.423
25)	L5 AR-1248-5	6.711	5.701	33065578	279.8E6	509.794	538.456

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

ICAL Form

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

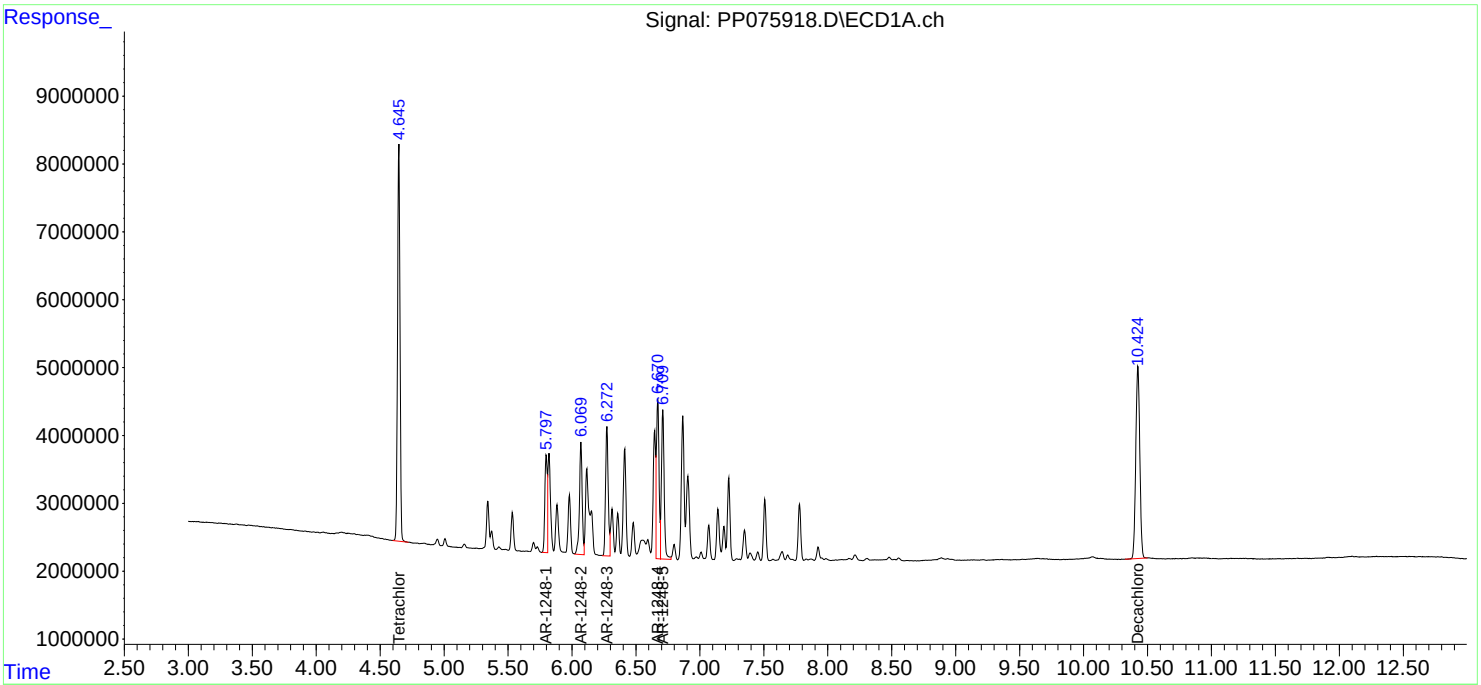
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

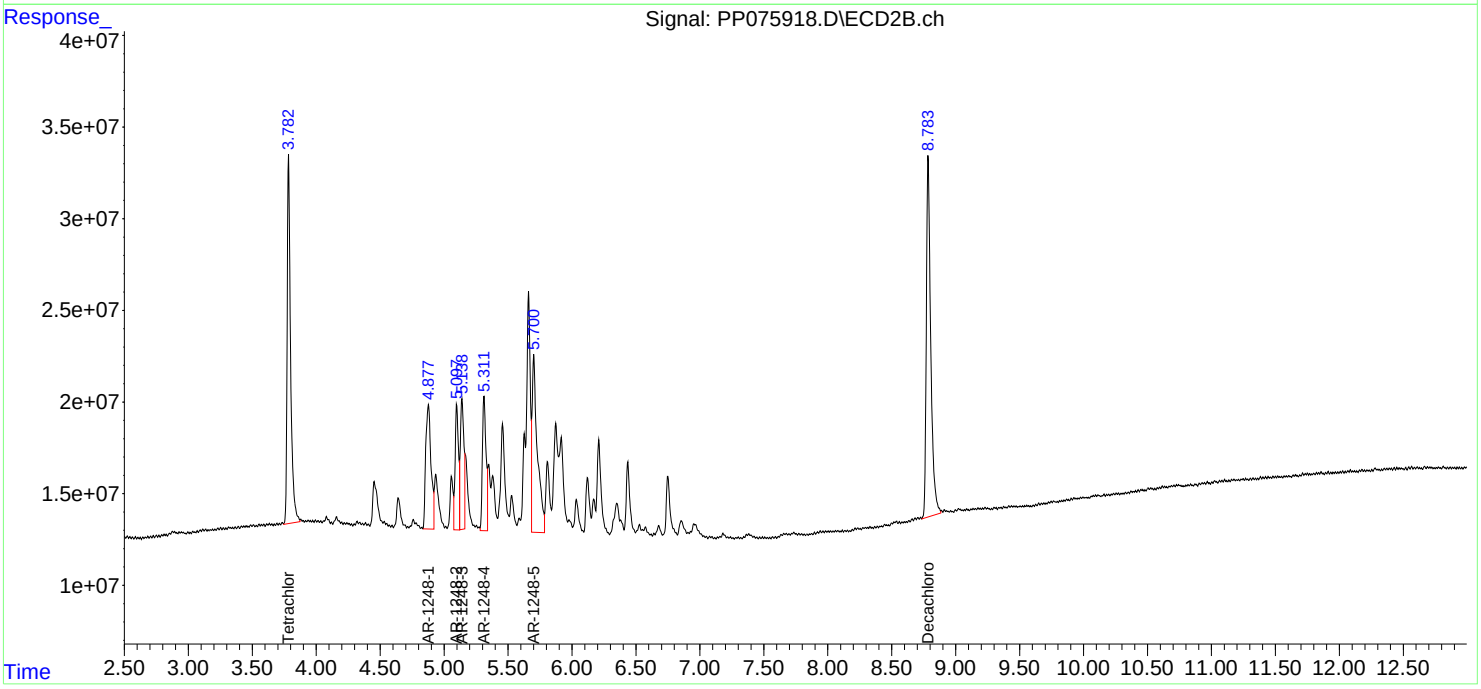
Manual Integrations APPROVED

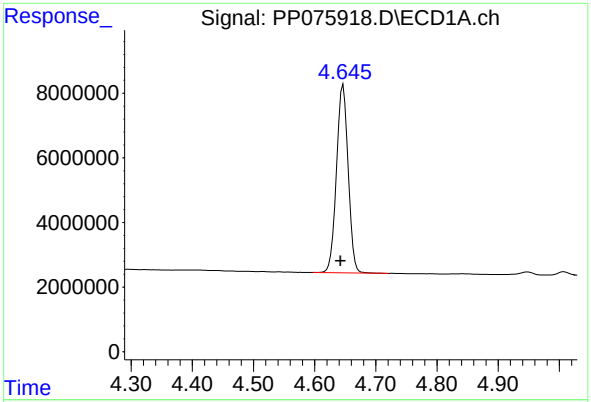
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 08:17:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







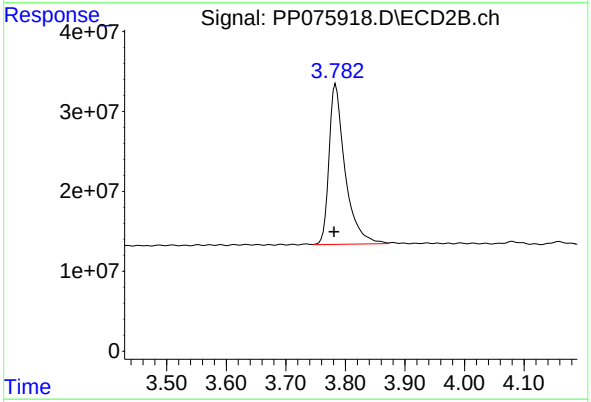
#1 Tetrachloro-m-xylene

R.T.: 4.647 min
Delta R.T.: 0.005 min
Response: 77354608
Conc: 54.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

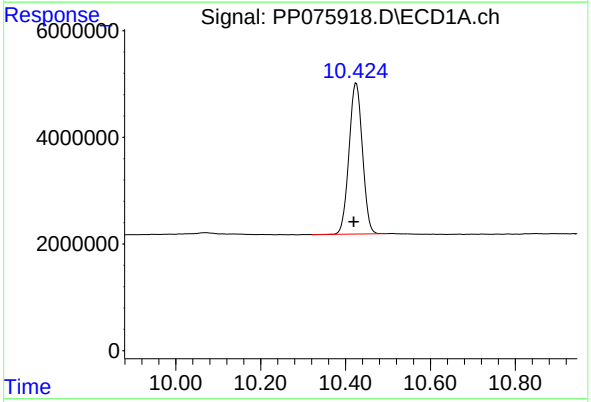
Manual Integrations APPROVED

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



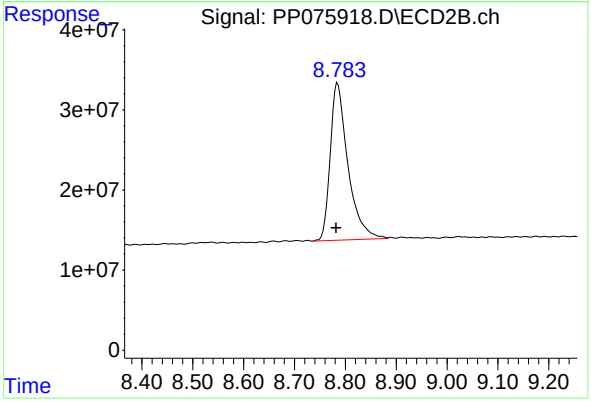
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 375366423
Conc: 56.72 ng/ml



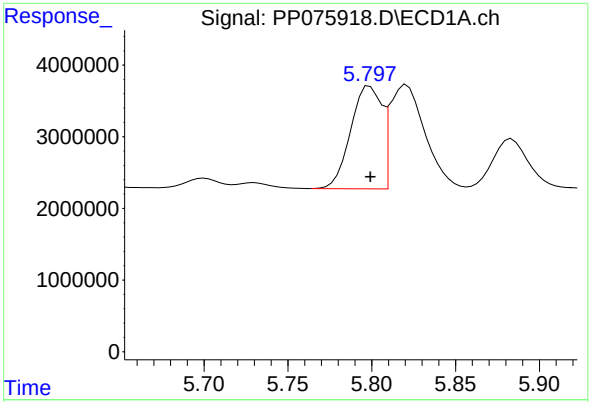
#2 Decachlorobiphenyl

R.T.: 10.425 min
Delta R.T.: 0.006 min
Response: 62090346
Conc: 57.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.785 min
Delta R.T.: 0.003 min
Response: 474267574
Conc: 57.68 ng/ml



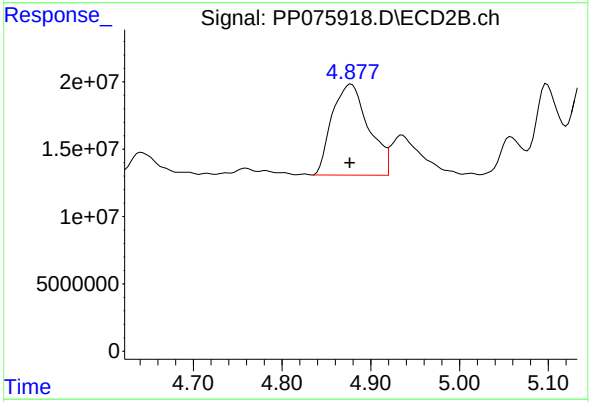
#21 AR-1248-1

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 18454423
Conc: 514.47 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

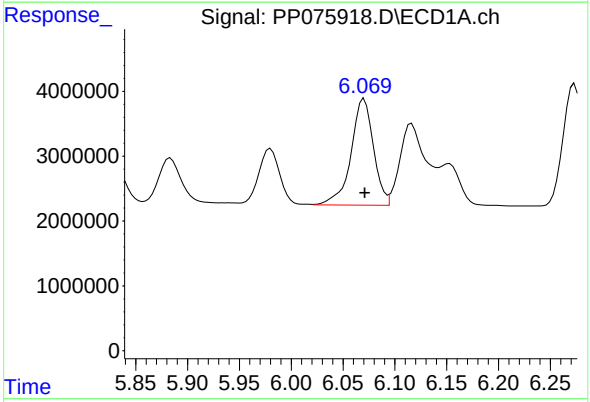
Manual Integrations APPROVED

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



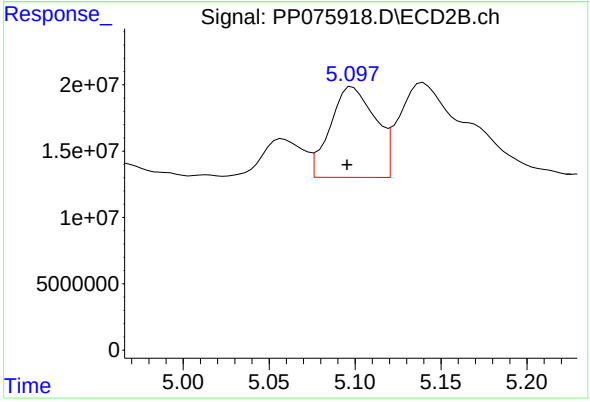
#21 AR-1248-1

R.T.: 4.878 min
Delta R.T.: 0.002 min
Response: 193808136
Conc: 515.97 ng/ml



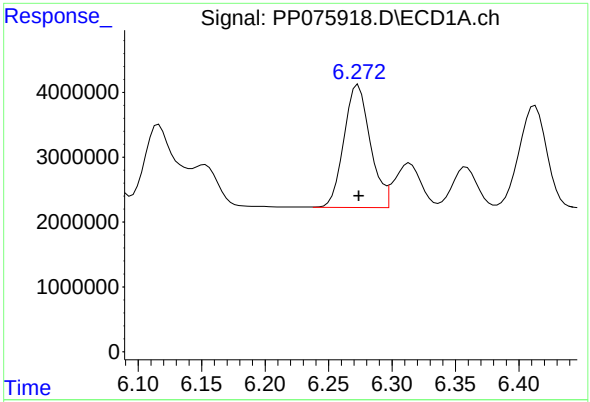
#22 AR-1248-2

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 24718037
Conc: 507.09 ng/ml



#22 AR-1248-2

R.T.: 5.099 min
Delta R.T.: 0.003 min
Response: 124214072
Conc: 505.12 ng/ml



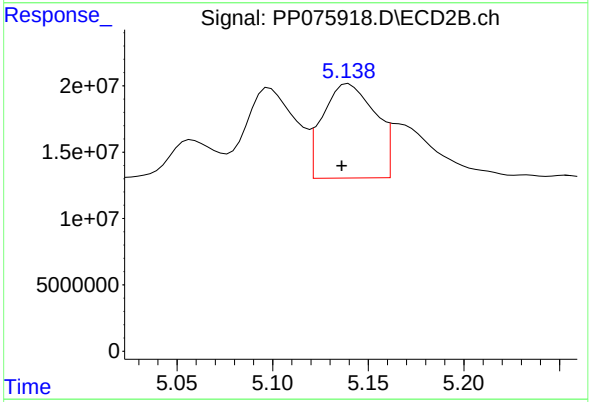
#23 AR-1248-3

R.T.: 6.273 min
Delta R.T.: 0.000 min
Response: 27349933
Conc: 504.01 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

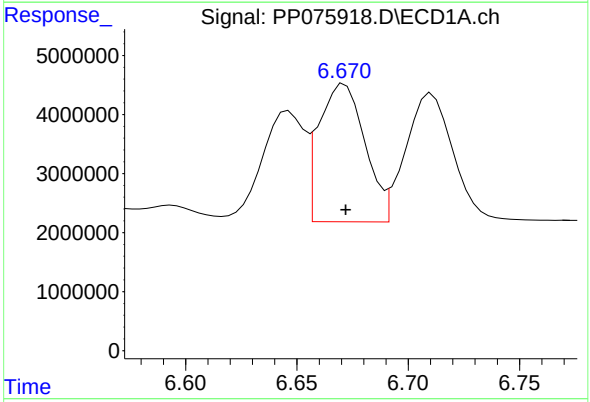
Manual Integrations APPROVED

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



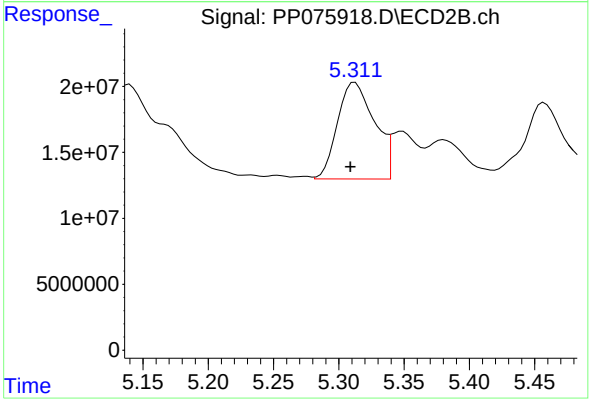
#23 AR-1248-3

R.T.: 5.138 min
Delta R.T.: 0.002 min
Response: 132721172
Conc: 462.62 ng/ml m



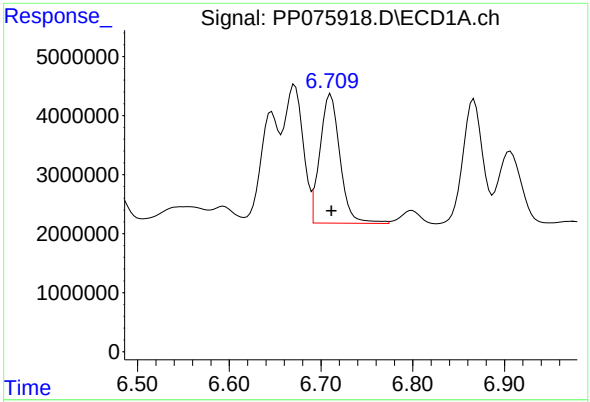
#24 AR-1248-4

R.T.: 6.671 min
Delta R.T.: 0.000 min
Response: 33802442
Conc: 509.35 ng/ml



#24 AR-1248-4

R.T.: 5.312 min
Delta R.T.: 0.003 min
Response: 144867747
Conc: 512.42 ng/ml



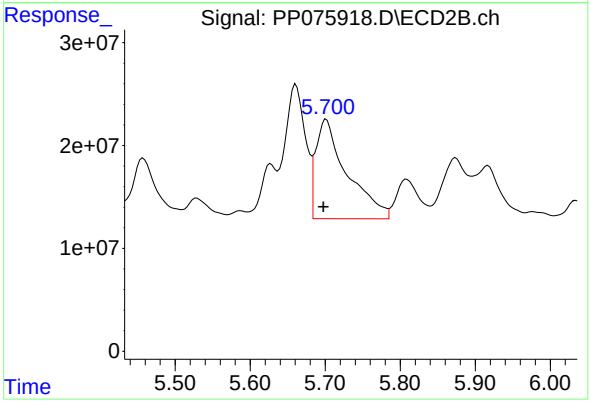
#25 AR-1248-5

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 33065578
Conc: 509.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1248

Manual Integrations APPROVED

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



#25 AR-1248-5

R.T.: 5.701 min
Delta R.T.: 0.004 min
Response: 279813450
Conc: 538.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.654	3.784	73513288	361.3E6	51.441	54.591
2)	SA Decachlor...	10.439	8.789	61994754	468.2E6	57.588	56.937
	Target Compounds						
26)	L6 AR-1254-1	6.657	5.662	33305659	337.3E6	416.876	597.997m#
27)	L6 AR-1254-2	6.873	5.811	45460472	248.5E6	454.676	468.721
28)	L6 AR-1254-3	7.235	6.214	47667437	420.5E6	458.540	494.093
29)	L6 AR-1254-4	7.517	6.439	37597676	337.3E6	449.659	535.605
30)	L6 AR-1254-5	7.934	6.855	44185805	348.6E6	482.532	484.302

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

ICAL Form

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

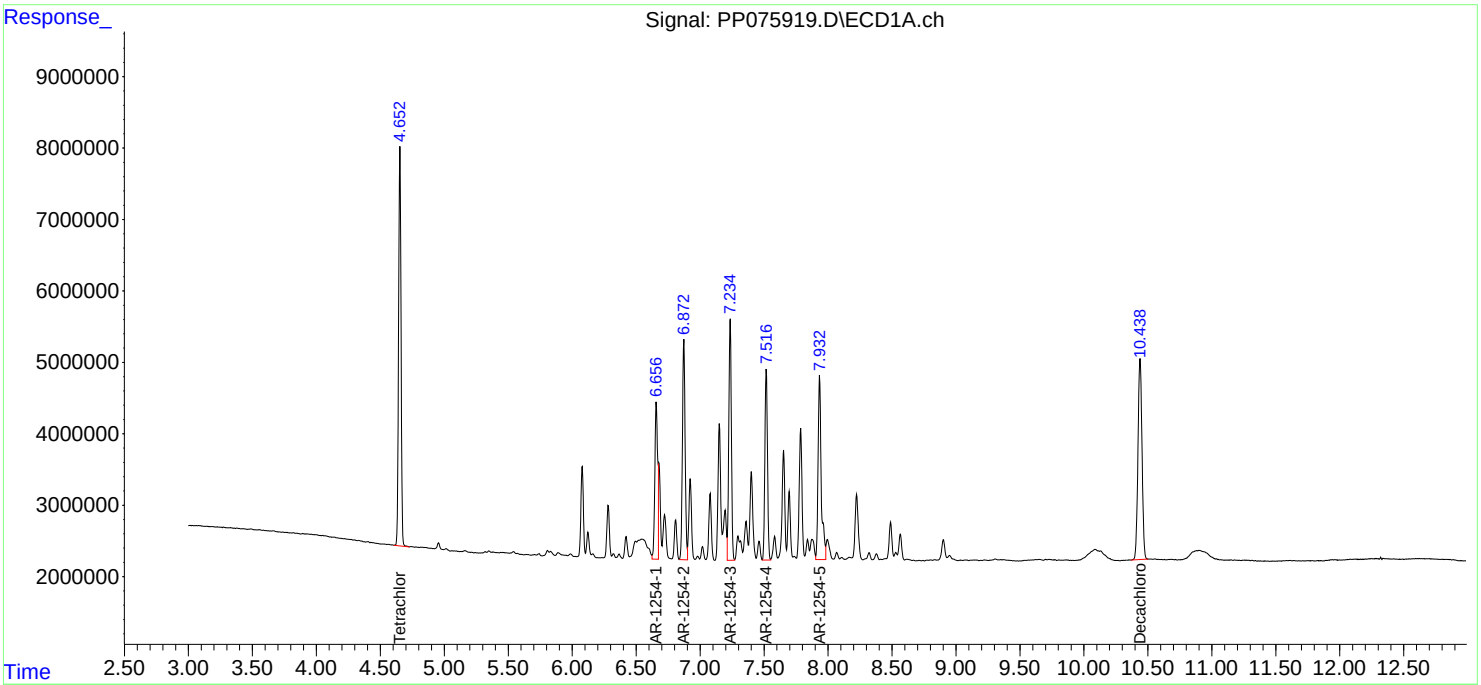
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

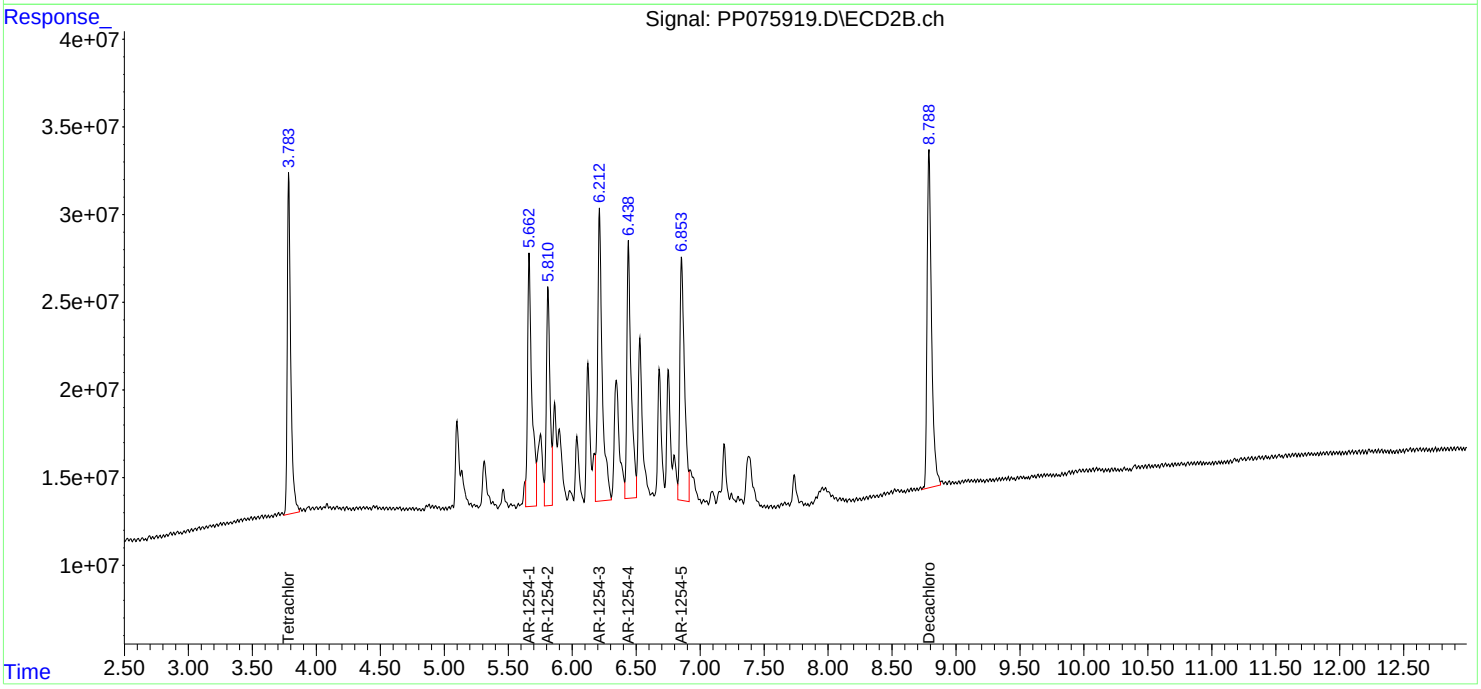
Manual Integrations APPROVED

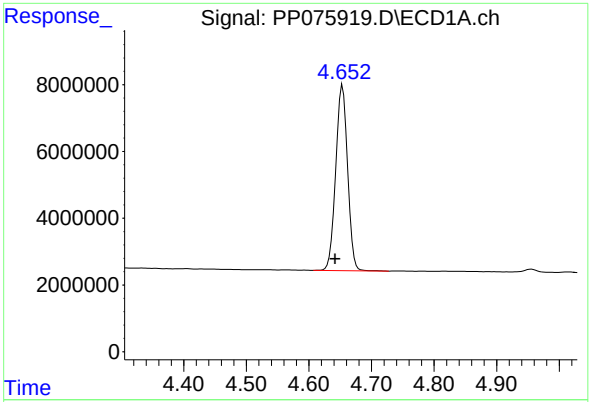
Reviewed By :Yogesh Patel 10/24/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 09:02:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







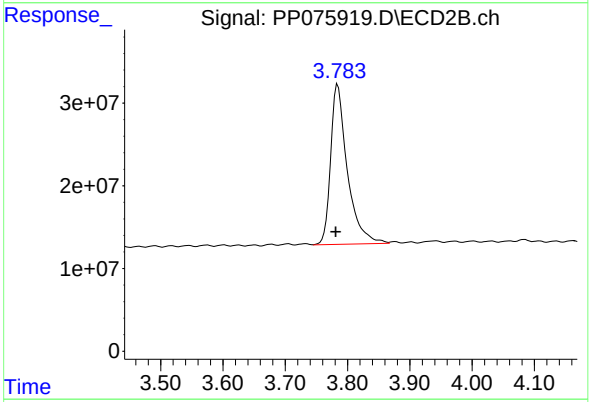
#1 Tetrachloro-m-xylene

R.T.: 4.654 min
Delta R.T.: 0.012 min
Response: 73513288
Conc: 51.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

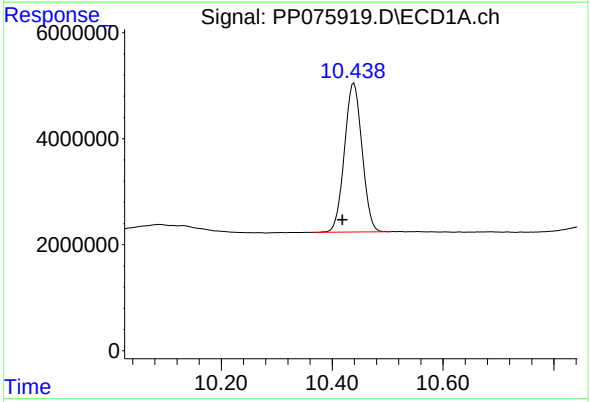
Manual Integrations APPROVED

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



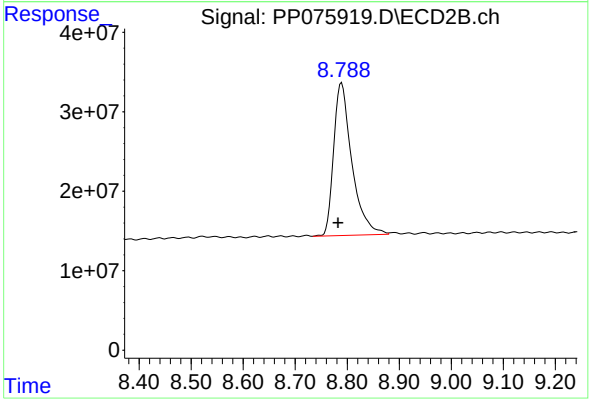
#1 Tetrachloro-m-xylene

R.T.: 3.784 min
Delta R.T.: 0.003 min
Response: 361298176
Conc: 54.59 ng/ml



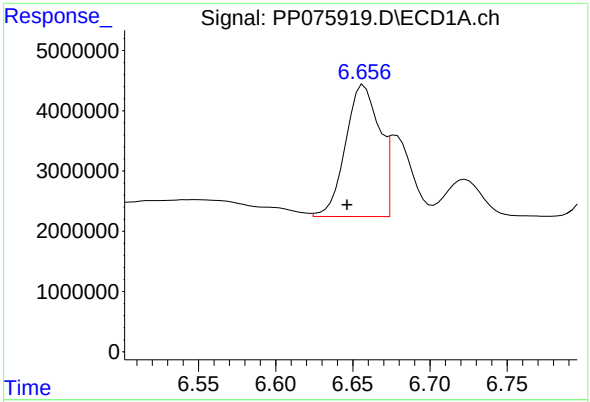
#2 Decachlorobiphenyl

R.T.: 10.439 min
Delta R.T.: 0.020 min
Response: 61994754
Conc: 57.59 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.789 min
Delta R.T.: 0.007 min
Response: 468189220
Conc: 56.94 ng/ml



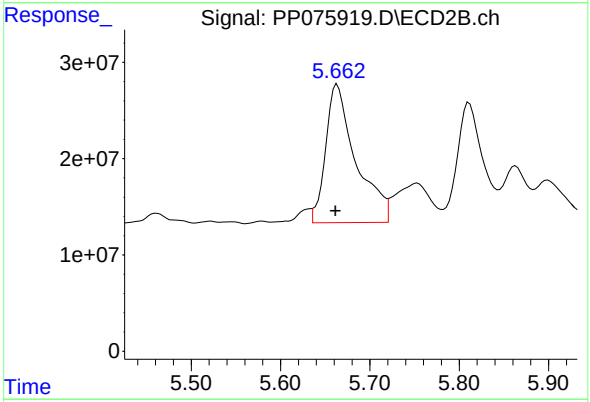
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.011 min
Response: 33305659
Conc: 416.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

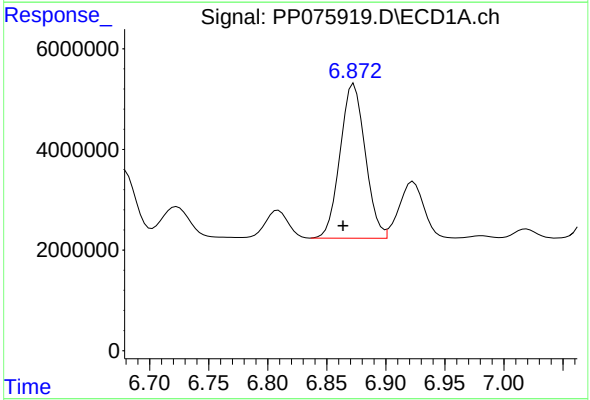
Manual Integrations APPROVED

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



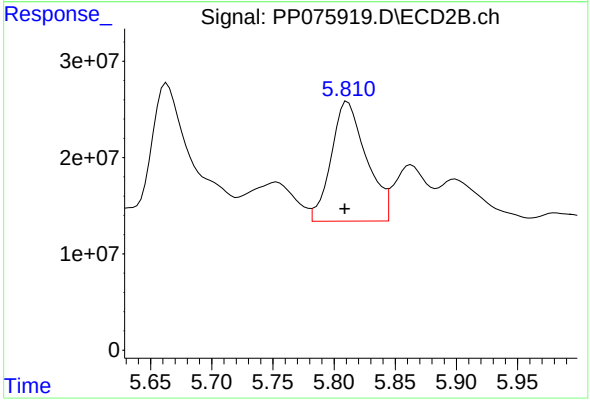
#26 AR-1254-1

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 337270442
Conc: 598.00 ng/ml m



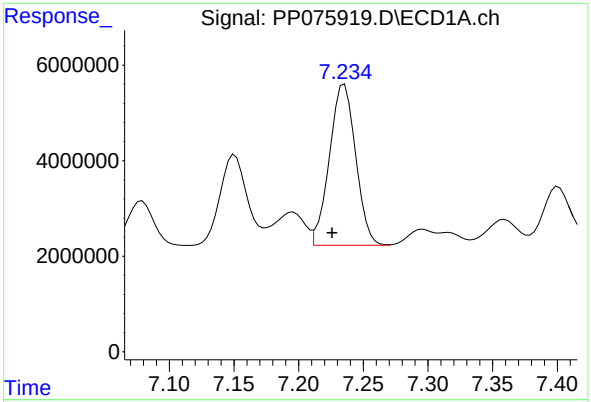
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.009 min
Response: 45460472
Conc: 454.68 ng/ml



#27 AR-1254-2

R.T.: 5.811 min
Delta R.T.: 0.003 min
Response: 248460060
Conc: 468.72 ng/ml



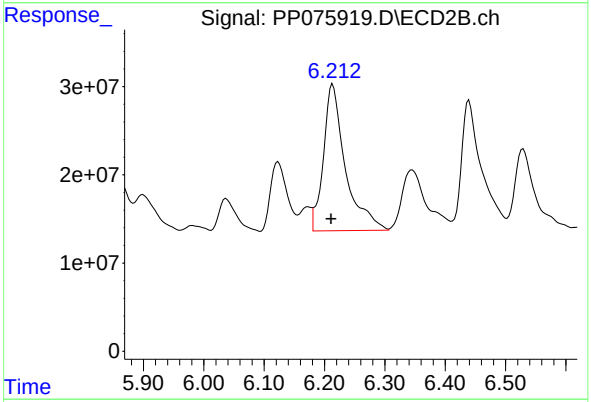
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.009 min
Response: 47667437
Conc: 458.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

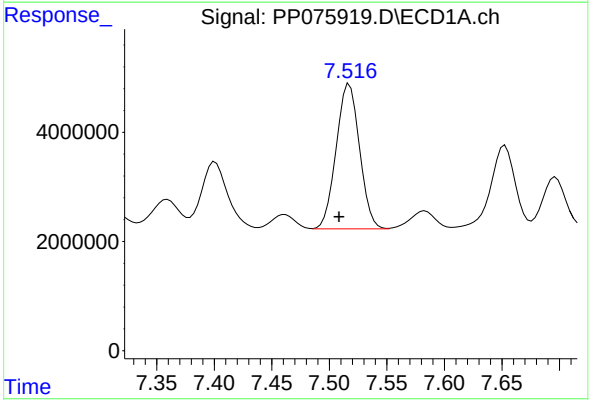
Manual Integrations APPROVED

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



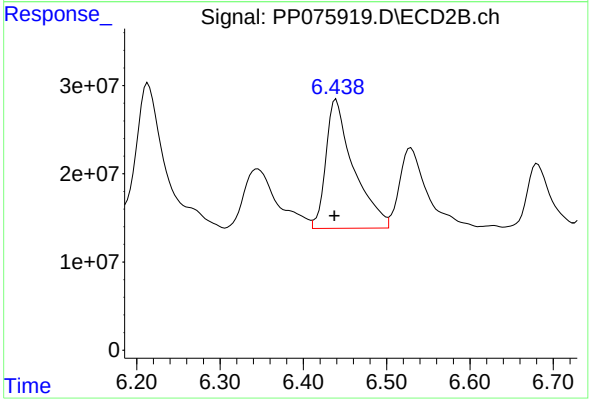
#28 AR-1254-3

R.T.: 6.214 min
Delta R.T.: 0.003 min
Response: 420518097
Conc: 494.09 ng/ml



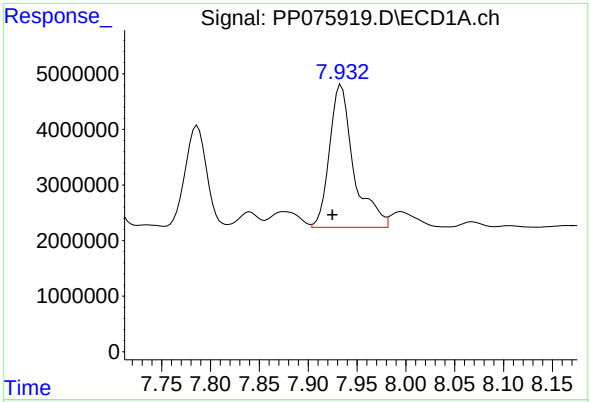
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.009 min
Response: 37597676
Conc: 449.66 ng/ml



#29 AR-1254-4

R.T.: 6.439 min
Delta R.T.: 0.002 min
Response: 337314232
Conc: 535.61 ng/ml



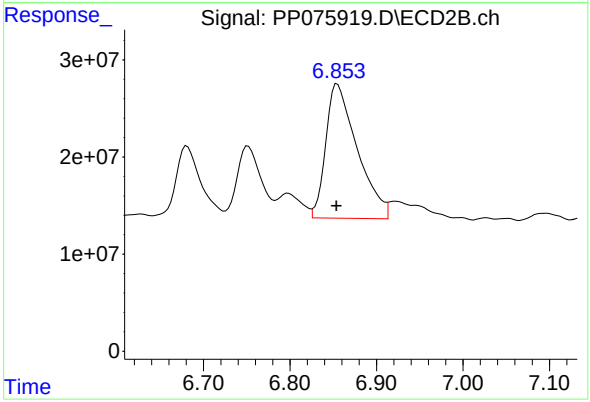
#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.009 min
Response: 44185805
Conc: 482.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1254

Manual Integrations APPROVED

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



#30 AR-1254-5

R.T.: 6.855 min
Delta R.T.: 0.001 min
Response: 348640193
Conc: 484.30 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

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

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268

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

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

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

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

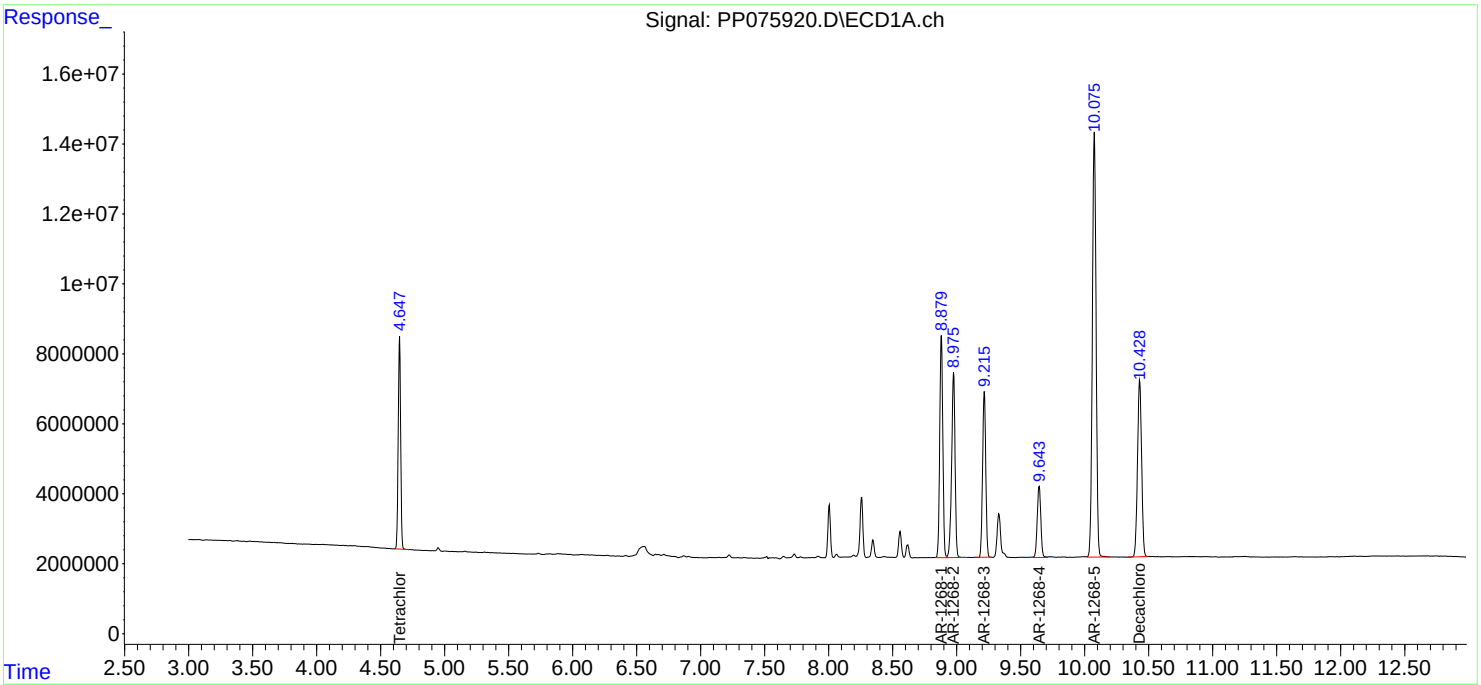
ICAL Form

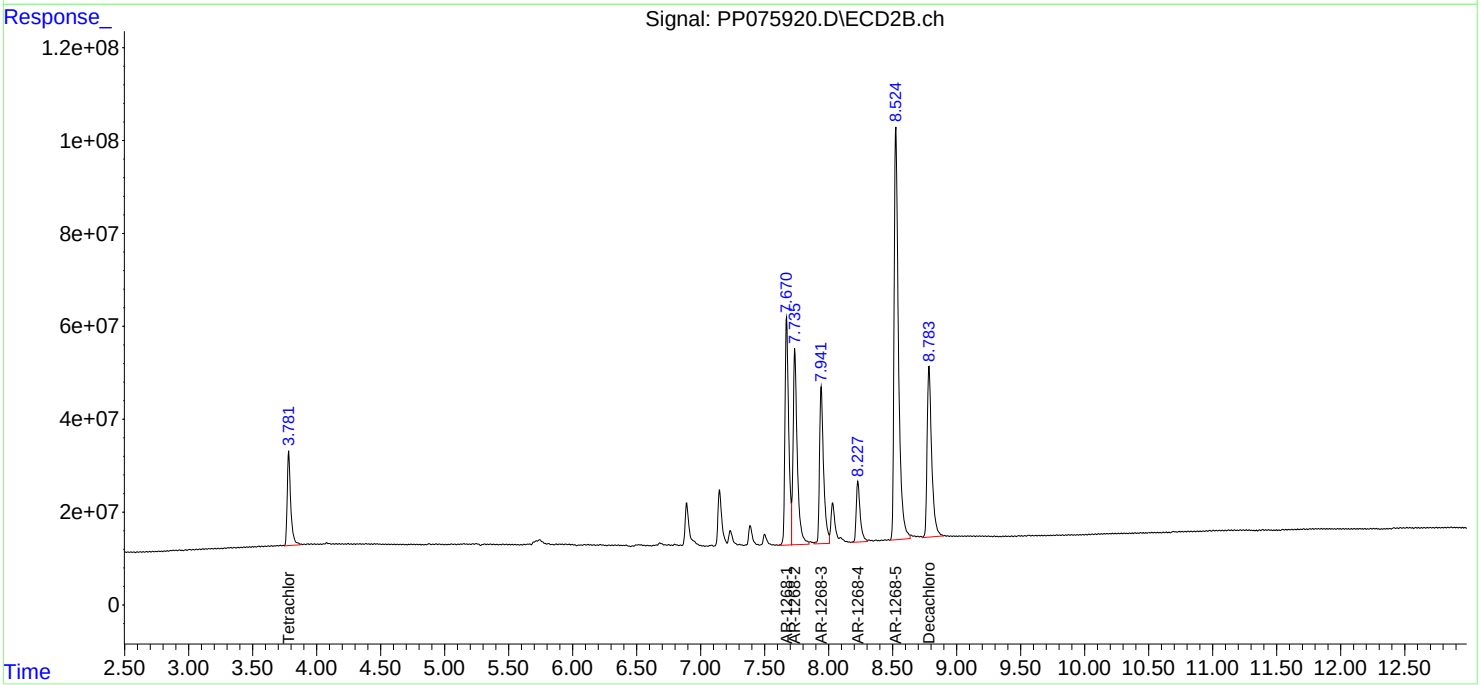
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075920.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Oct 2025 09:07
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

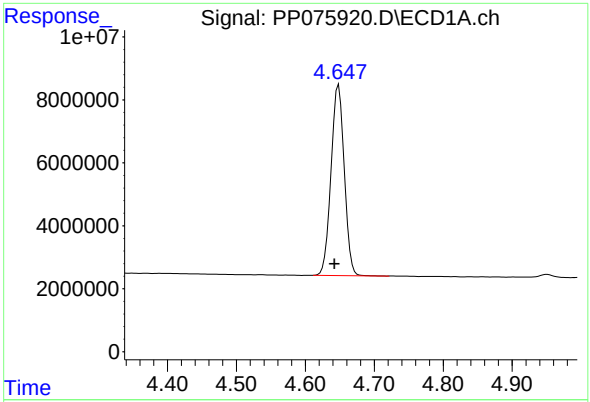
Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268

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

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



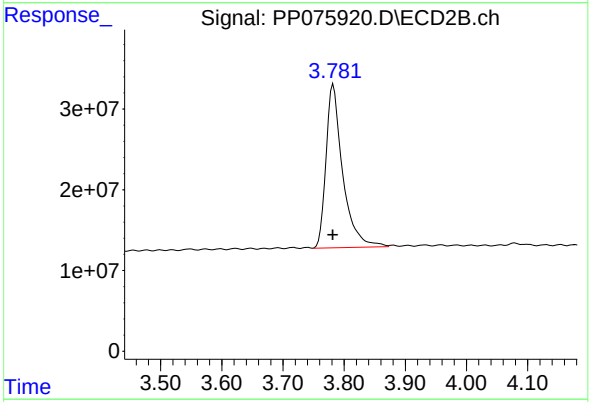




#1 Tetrachloro-m-xylene

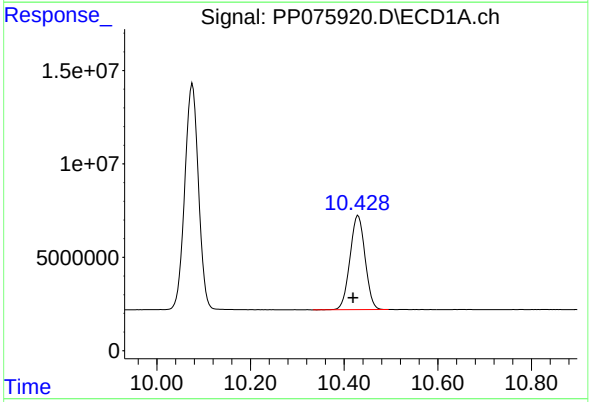
R.T.: 4.648 min
Delta R.T.: 0.006 min
Response: 80645176
Conc: 50.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



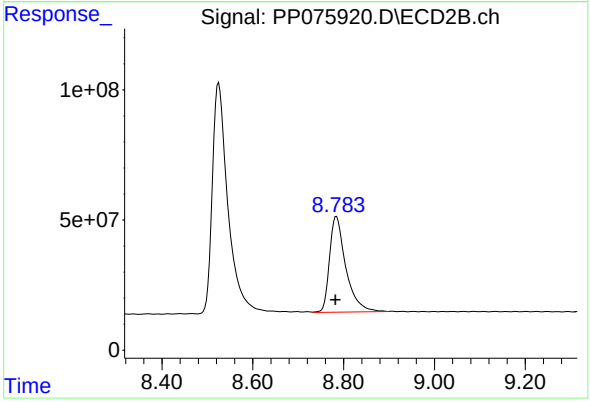
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.001 min
Response: 382676778
Conc: 52.40 ng/ml



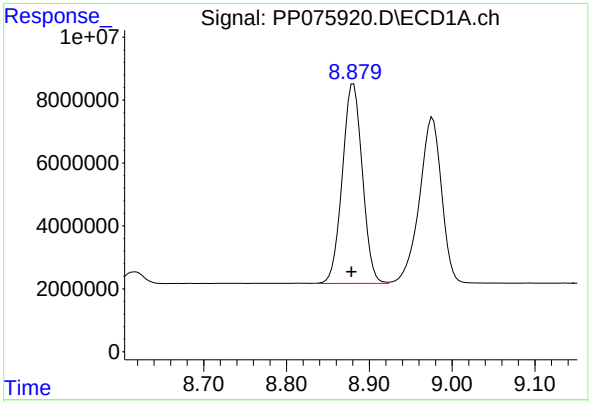
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.011 min
Response: 112806643
Conc: 52.20 ng/ml



#2 Decachlorobiphenyl

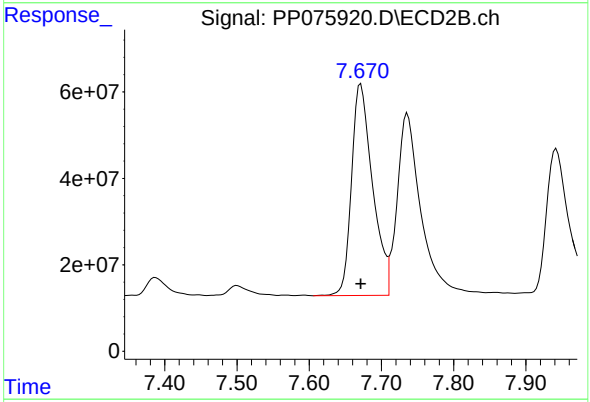
R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 913768766
Conc: 55.40 ng/ml



#41 AR-1268-1

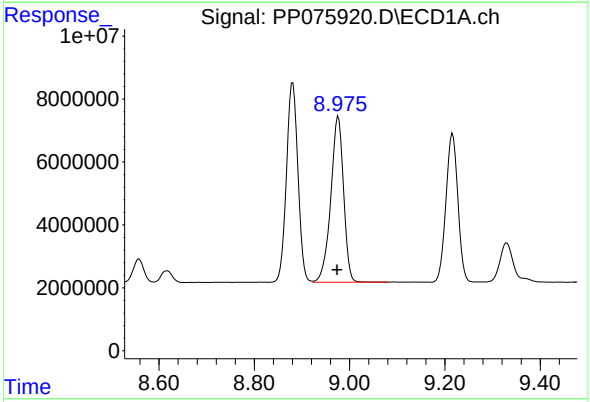
R.T.: 8.881 min
Delta R.T.: 0.002 min
Response: 106536710
Conc: 515.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



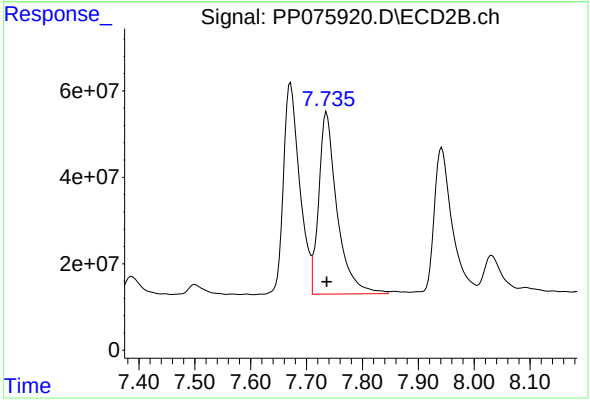
#41 AR-1268-1

R.T.: 7.671 min
Delta R.T.: 0.000 min
Response: 989459670
Conc: 546.47 ng/ml



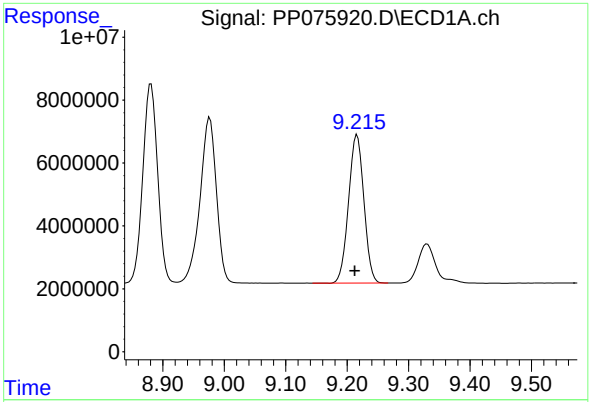
#42 AR-1268-2

R.T.: 8.976 min
Delta R.T.: 0.003 min
Response: 98184801
Conc: 521.53 ng/ml



#42 AR-1268-2

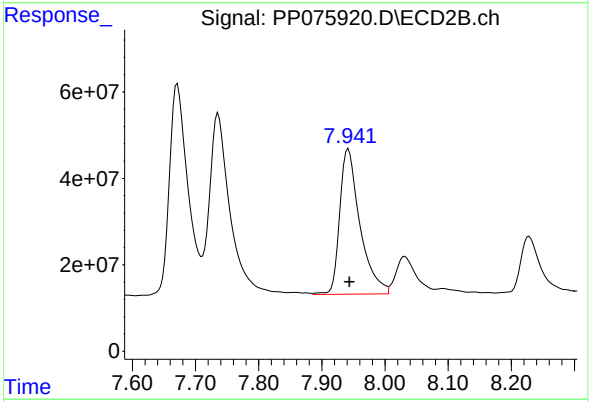
R.T.: 7.736 min
Delta R.T.: 0.000 min
Response: 960757181
Conc: 553.71 ng/ml



#43 AR-1268-3

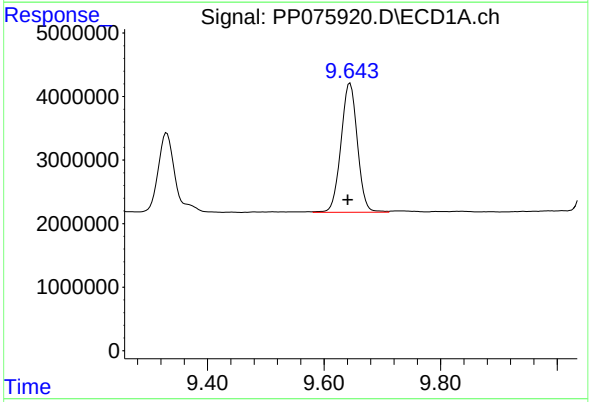
R.T.: 9.216 min
Delta R.T.: 0.004 min
Response: 81566200
Conc: 525.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



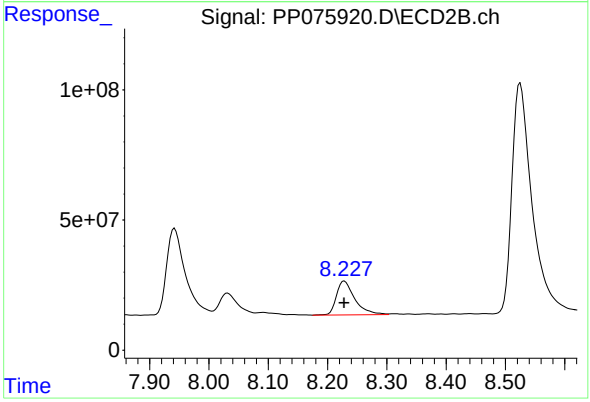
#43 AR-1268-3

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 749381557
Conc: 548.16 ng/ml



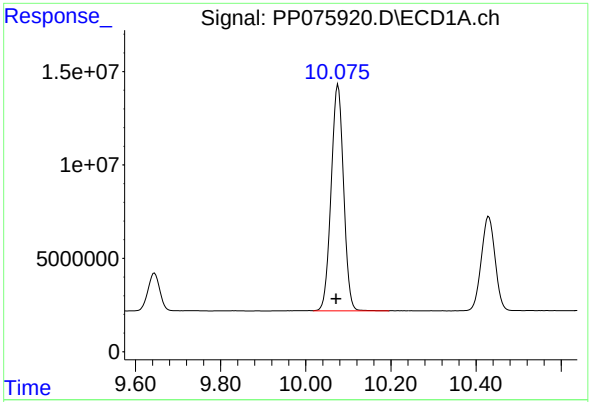
#44 AR-1268-4

R.T.: 9.645 min
Delta R.T.: 0.004 min
Response: 39672536
Conc: 504.44 ng/ml



#44 AR-1268-4

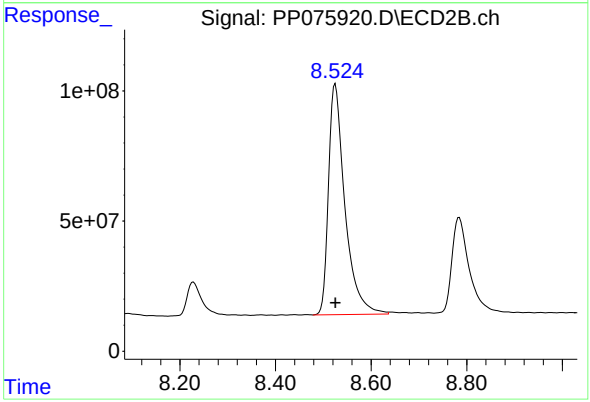
R.T.: 8.228 min
Delta R.T.: 0.000 min
Response: 280752507
Conc: 542.58 ng/ml



#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: 0.005 min
Response: 245972462
Conc: 512.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP102125AR1268



#45 AR-1268-5

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 2111903828
Conc: 559.93 ng/ml

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

Calibration Times: 08:57 16:43

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

LAB FILE ID: RT 1000 = PQ070973.D RT 750 = PQ070974.D

RT 500 = PQ070975.D RT 250 = PQ070976.D RT 050 = PQ070977.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1016-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1016-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1016-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1016-5	(5)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1260-1	(1)	6.02	6.02	6.02	6.02	6.02	6.02	5.92	6.12
Aroclor-1260-2	(2)	6.28	6.28	6.28	6.28	6.27	6.28	6.18	6.38
Aroclor-1260-3	(3)	6.63	6.63	6.63	6.63	6.63	6.63	6.53	6.73
Aroclor-1260-4	(4)	6.84	6.84	6.84	6.84	6.84	6.84	6.74	6.94
Aroclor-1260-5	(5)	7.15	7.15	7.15	7.15	7.15	7.15	7.05	7.25
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1242-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1242-2	(2)	4.50	4.50	4.50	4.50	4.50	4.50	4.40	4.60
Aroclor-1242-3	(3)	4.56	4.56	4.56	4.56	4.56	4.56	4.46	4.66
Aroclor-1242-4	(4)	4.65	4.65	4.65	4.65	4.65	4.65	4.55	4.75
Aroclor-1242-5	(5)	5.35	5.35	5.35	5.35	5.32	5.34	5.24	5.44
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1248-1	(1)	4.48	4.48	4.48	4.48	4.48	4.48	4.38	4.58
Aroclor-1248-2	(2)	4.74	4.74	4.74	4.74	4.74	4.74	4.64	4.84
Aroclor-1248-3	(3)	4.93	4.93	4.93	4.93	4.93	4.93	4.83	5.03
Aroclor-1248-4	(4)	5.32	5.32	5.32	5.32	5.32	5.32	5.22	5.42
Aroclor-1248-5	(5)	5.35	5.35	5.35	5.35	5.35	5.35	5.25	5.45
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1254-1	(1)	5.29	5.29	5.29	5.29	5.29	5.29	5.19	5.39
Aroclor-1254-2	(2)	5.51	5.51	5.51	5.51	5.51	5.51	5.41	5.61
Aroclor-1254-3	(3)	5.86	5.85	5.86	5.86	5.86	5.86	5.76	5.96
Aroclor-1254-4	(4)	6.14	6.13	6.14	6.14	6.14	6.14	6.04	6.24
Aroclor-1254-5	(5)	6.54	6.54	6.54	6.54	6.54	6.54	6.44	6.64
Decachlorobiphenyl		8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene		3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50
Aroclor-1268-1	(1)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Aroclor-1268-2	(2)	7.49	7.50	7.50	7.50	7.50	7.50	7.40	7.60
Aroclor-1268-3	(3)	7.68	7.68	7.68	7.68	7.68	7.68	7.58	7.78
Aroclor-1268-4	(4)	7.99	7.99	7.99	7.99	7.99	7.99	7.89	8.09
Aroclor-1268-5	(5)	8.27	8.27	8.27	8.27	8.27	8.27	8.17	8.37

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	8.50	8.50	8.50	8.50	8.50	8.50	8.40	8.60
Tetrachloro-m-xylene	3.40	3.40	3.40	3.40	3.40	3.40	3.30	3.50

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:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_Q **Calibration Date(s):** 10/10/2025 10/10/2025

Calibration Times: 08:57 16:43

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

LAB FILE ID: RT 1000 = PQ070973.D RT 750 = PQ070974.D

RT 500 = PQ070975.D RT 250 = PQ070976.D RT 050 = PQ070977.D

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW FROM	RT WINDOW TO
Aroclor-1016-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1016-2	(2)	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1016-3	(3)	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Aroclor-1016-4	(4)	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
Aroclor-1016-5	(5)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1260-1	(1)	5.19	5.19	5.19	5.19	5.19	5.19	5.09	5.29
Aroclor-1260-2	(2)	5.38	5.38	5.38	5.38	5.38	5.38	5.28	5.48
Aroclor-1260-3	(3)	5.52	5.52	5.52	5.52	5.52	5.52	5.42	5.62
Aroclor-1260-4	(4)	5.98	5.98	5.98	5.98	5.98	5.98	5.88	6.08
Aroclor-1260-5	(5)	6.22	6.22	6.22	6.22	6.22	6.22	6.12	6.32
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1242-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1242-2	(2)	3.79	3.79	3.79	3.79	3.79	3.79	3.69	3.89
Aroclor-1242-3	(3)	3.95	3.95	3.95	3.95	3.95	3.95	3.85	4.05
Aroclor-1242-4	(4)	4.04	4.04	4.04	4.04	4.04	4.04	3.94	4.14
Aroclor-1242-5	(5)	4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1248-1	(1)	3.78	3.78	3.78	3.78	3.78	3.78	3.68	3.88
Aroclor-1248-2	(2)	4.00	4.00	4.00	4.00	4.00	4.00	3.90	4.10
Aroclor-1248-3	(3)	4.04	4.04	4.04	4.04	4.04	4.04	3.94	4.14
Aroclor-1248-4	(4)	4.20	4.20	4.20	4.20	4.20	4.20	4.10	4.30
Aroclor-1248-5	(5)	4.57	4.57	4.57	4.57	4.57	4.57	4.47	4.67
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1254-1	(1)	4.53	4.53	4.53	4.53	4.53	4.53	4.43	4.63
Aroclor-1254-2	(2)	4.68	4.68	4.68	4.68	4.68	4.68	4.58	4.78
Aroclor-1254-3	(3)	5.06	5.06	5.06	5.06	5.06	5.06	4.96	5.16
Aroclor-1254-4	(4)	5.29	5.29	5.29	5.29	5.29	5.29	5.19	5.39
Aroclor-1254-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene		2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88
Aroclor-1268-1	(1)	6.50	6.50	6.50	6.50	6.50	6.50	6.40	6.60
Aroclor-1268-2	(2)	6.56	6.56	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1268-3	(3)	6.76	6.76	6.76	6.76	6.76	6.76	6.66	6.86
Aroclor-1268-4	(4)	7.05	7.05	7.05	7.05	7.05	7.05	6.95	7.15
Aroclor-1268-5	(5)	7.32	7.32	7.32	7.32	7.32	7.32	7.22	7.42

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

RETENTION TIMES OF INITIAL CALIBRATION

Decachlorobiphenyl	7.53	7.53	7.53	7.53	7.53	7.53	7.43	7.63
Tetrachloro-m-xylene	2.78	2.78	2.78	2.78	2.78	2.78	2.68	2.88

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3447
Calibration Date(s): 10/10/2025 10/10/2025
Calibration Times: 08:57 16:43

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

LAB FILE ID: CF 1000 = PQ070973.D CF 750 = PQ070974.D
CF 500 = PQ070975.D CF 250 = PQ070976.D CF 050 = PQ070977.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	152632258	161381460	169566884	175492100	161647220	164143984	5
Aroclor-1016-2	(2)	235274296	256838307	264605432	271518004	253235720	256294352	5
Aroclor-1016-3	(3)	145675938	156782704	164416996	169596776	159119400	159118363	6
Aroclor-1016-4	(4)	120162951	129378400	134848252	138303760	126953020	129929277	5
Aroclor-1016-5	(5)	117231883	128545740	133336348	136306768	128593380	128802824	6
Aroclor-1260-1	(1)	208928914	234195365	241877518	247859876	239493660	234471067	6
Aroclor-1260-2	(2)	243695794	275266251	287710272	296720404	279652200	276608984	7
Aroclor-1260-3	(3)	178017013	196424459	204653606	209590628	207855920	199308325	6
Aroclor-1260-4	(4)	191556315	214263107	223690164	228814336	216092480	214883280	7
Aroclor-1260-5	(5)	400986941	436898331	447507618	451939420	431553500	433777162	5
Decachlorobiphenyl		2603997920	2888430733	3017037660	3097201720	2913248400	2903983287	6
Tetrachloro-m-xylene		4048991050	4420325093	4447782420	4497118040	4337178200	4350278961	4
Aroclor-1242-1	(1)	117929900	120501580	121917368	124177888	110233240	118951995	5
Aroclor-1242-2	(2)	179238730	188762288	194471730	197719720	193371880	190712870	4
Aroclor-1242-3	(3)	111298009	117265485	120728326	123754708	121434700	118896246	4
Aroclor-1242-4	(4)	91702396	97376287	98944784	101196952	108558560	99555796	6
Aroclor-1242-5	(5)	63322787	67097277	82718820	102665812	77804800	78721899	20
Decachlorobiphenyl		3082568640	3243406933	3352805760	3359769360	3286790800	3265068299	3
Tetrachloro-m-xylene		4441893010	4577290613	4623065280	4605855840	4702516200	4590124189	2
Aroclor-1248-1	(1)	89951061	92802913	99278242	97399904	67891380	89464700	14
Aroclor-1248-2	(2)	126849870	131764987	138900528	142257364	142462060	136446962	5
Aroclor-1248-3	(3)	152980867	157544657	166146850	167481096	162764480	161383590	4
Aroclor-1248-4	(4)	167077290	173126060	182827440	186713196	157721500	173493097	7
Aroclor-1248-5	(5)	163667698	168136284	132211082	121389384	159185140	148917918	14
Decachlorobiphenyl		3177348440	3248518907	3402766540	3434790520	3353916400	3323468161	3
Tetrachloro-m-xylene		4546508980	4599154480	4739413180	4685828360	4518221600	4617825320	2
Aroclor-1254-1	(1)	186317660	198212097	200308250	222421948	174131700	196278331	9
Aroclor-1254-2	(2)	272465681	301191412	300558232	318683640	259516480	290483089	8
Aroclor-1254-3	(3)	294493285	320137152	318530722	335107472	267769020	307207530	9
Aroclor-1254-4	(4)	212636724	232647637	229798130	237628972	184991000	219540493	10
Aroclor-1254-5	(5)	229095618	241104957	242576814	249415576	197285560	231895705	9
Decachlorobiphenyl		3135993520	3237057933	3300114540	3432442200	2724290800	3165979799	9
Tetrachloro-m-xylene		4449551480	4584042107	4604497820	4625575480	3701892800	4393111937	9
Aroclor-1268-1	(1)	555593291	572438855	583365466	598015136	603747960	582632142	3

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	510325576	524057337	534075228	546100468	539884140	530888550	3
Aroclor-1268-3	(3)	416538407	427532203	436646098	443325192	442459640	433300308	3
Aroclor-1268-4	(4)	179373252	185531188	189624920	193669728	190155160	187670850	3
Aroclor-1268-5	(5)	1283167757	1308010297	1321380362	1326514116	1318957680	1311606042	1
Decachlorobiphenyl		5757514290	5913646120	6037365900	6192444040	6223042400	6024802550	3
Tetrachloro-m-xylene		4734874420	4871269707	4916225920	4964521920	4932484000	4883875193	2

Raw Data

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: ROYF02
SDG NO.: Q3447
Calibration Date(s): 10/10/2025 10/10/2025
Calibration Times: 08:57 16:43

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

LAB FILE ID: CF 1000 = PQ070973.D CF 750 = PQ070974.D
CF 500 = PQ070975.D CF 250 = PQ070976.D CF 050 = PQ070977.D

COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	CF	% RSD
Aroclor-1016-1	(1)	198094739	217218485	228189888	237783008	238723760	224001976	8
Aroclor-1016-2	(2)	306974778	336928535	345611618	359075648	352024660	340123048	6
Aroclor-1016-3	(3)	164197912	180535471	187035142	195263012	182262860	181858879	6
Aroclor-1016-4	(4)	139678855	154088441	161162796	170890484	161242760	157412667	7
Aroclor-1016-5	(5)	171310856	187991799	196963118	205633060	197310680	191841903	7
Aroclor-1260-1	(1)	322104344	352779140	365742242	382158164	379245720	360405922	7
Aroclor-1260-2	(2)	392921251	432078265	450339936	466790948	457838380	439993756	7
Aroclor-1260-3	(3)	374441100	409997701	423595070	436050024	430913160	414999411	6
Aroclor-1260-4	(4)	324169048	356082777	368301826	380117112	370143240	359762801	6
Aroclor-1260-5	(5)	773923407	822481391	873089514	880740576	851175200	840282018	5
Decachlorobiphenyl		4511855410	4959881947	5165429800	5359918520	5250729800	5049563095	7
Tetrachloro-m-xylene		4790824740	5183285133	5313707940	5302586120	4809696600	5080020107	5
Aroclor-1242-1	(1)	149120136	160366853	160219200	165386980	179219740	162862582	7
Aroclor-1242-2	(2)	228406508	237737935	244055020	248772624	247903320	241375081	4
Aroclor-1242-3	(3)	123267302	131780304	132089372	135429308	136535900	131820437	4
Aroclor-1242-4	(4)	107929318	113409847	120761922	128344628	102401880	114569519	9
Aroclor-1242-5	(5)	175313049	196019013	175387368	167275268	156704980	174139936	8
Decachlorobiphenyl		5194557400	5483323560	5616478880	5698756520	6104877800	5619598832	6
Tetrachloro-m-xylene		5511103540	5712989200	5725543240	5446452960	5436162600	5566450308	3
Aroclor-1248-1	(1)	118147108	120641916	127443132	132200888	134031720	126492953	6
Aroclor-1248-2	(2)	172958749	177705395	189325858	196101732	206725040	188563355	7
Aroclor-1248-3	(3)	167593672	172934769	178216680	182062792	197467520	179655087	6
Aroclor-1248-4	(4)	207432918	214191484	230649658	232116576	237264740	224331075	6
Aroclor-1248-5	(5)	211078475	216720032	243430792	250826296	242157620	232842643	8
Decachlorobiphenyl		5357284330	5460780160	5730809660	5844375240	6130897000	5704829278	5
Tetrachloro-m-xylene		5499268270	5571294053	5722936200	5664492400	5408993600	5573396905	2
Aroclor-1254-1	(1)	326099704	341297420	345505280	377987212	295169840	337211891	9
Aroclor-1254-2	(2)	283781194	302336180	304849560	326229636	268575420	297154398	7
Aroclor-1254-3	(3)	455841488	477545104	484627186	501619228	415693040	467065209	7
Aroclor-1254-4	(4)	291449906	303039177	308578712	317073776	256115840	295251482	8
Aroclor-1254-5	(5)	417470468	427079459	439495106	452352324	365350180	420349507	8
Decachlorobiphenyl		5360763820	5577066440	5716894620	5972893640	5256420800	5576807864	5
Tetrachloro-m-xylene		5311856950	5451428933	5484489360	5522984680	4238156400	5201783265	10
Aroclor-1268-1	(1)	931455367	961712979	973652708	974423320	1030986200	974446115	4

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

CALIBRATION FACTOR OF INITIAL CALIBRATION

Aroclor-1268-2	(2)	858872879	891158693	900594916	906701084	936258500	898717214	3
Aroclor-1268-3	(3)	746016914	769745548	779615614	791820108	821422560	781724149	4
Aroclor-1268-4	(4)	330162118	339473573	345636662	356393996	350955500	344524370	3
Aroclor-1268-5	(5)	2374681378	2422263161	2432472106	2427996872	2444443520	2420371407	1
Decachlorobiphenyl		10401085910	10736618840	10941521580	11269357960	11896046400	11048926138	5
Tetrachloro-m-xylene		5581659480	5729850200	5733063640	5828463760	5669436400	5708494696	2

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025

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	3.59	3.49	3.69	59190800
		2	3.67	3.57	3.77	43146800
		3	3.74	3.64	3.84	133548000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.74	3.64	3.84	108948000
		2	4.23	4.13	4.33	57502800
		3	4.50	4.40	4.60	107099000
		4	4.65	4.55	4.75	54014200
		5	4.79	4.69	4.89	43713200
Aroclor-1262	500	1	6.84	6.74	6.94	274018000
		2	7.15	7.05	7.25	498476000
		3	7.42	7.32	7.52	328660000
		4	7.49	7.39	7.59	252340000
		5	7.99	7.89	8.09	164350000

Raw Data

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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Instrument ID: ECD_Q **Date(s) Analyzed:** 10/10/2025 10/10/2025

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	2.98	2.88	3.08	73819200
		2	3.05	2.95	3.15	60003200
		3	3.12	3.02	3.22	171184000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	3.12	3.02	3.22	139342000
		2	3.79	3.69	3.89	138900000
		3	3.95	3.85	4.05	73450200
		4	4.04	3.94	4.14	63034400
		5	4.20	4.10	4.30	71607200
Aroclor-1262	500	1	5.73	5.63	5.83	452486000
		2	5.98	5.88	6.08	427702000
		3	6.50	6.40	6.60	332708000
		4	6.56	6.46	6.66	616820000
		5	7.05	6.95	7.15	302986000

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:54:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	404.9E6	479.1E6	95.307	94.825
2)	SA Decachlor...	8.496	7.534	260.4E6	451.2E6	92.652	93.246
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	152.6E6	198.1E6	947.441	929.401
4)	L1 AR-1016-2	4.499	3.793	235.3E6	307.0E6	941.324	940.794
5)	L1 AR-1016-3	4.556	3.954	145.7E6	164.2E6	939.563	934.980
6)	L1 AR-1016-4	4.646	4.002	120.2E6	139.7E6	942.413	928.587
7)	L1 AR-1016-5	4.931	4.197	117.2E6	171.3E6	935.728	930.345
31)	L7 AR-1260-1	6.020	5.190	208.9E6	322.1E6	926.912	936.559
32)	L7 AR-1260-2	6.275	5.379	243.7E6	392.9E6	917.174	931.909
33)	L7 AR-1260-3	6.626	5.520	178.0E6	374.4E6	930.393	938.406
34)	L7 AR-1260-4	6.840	5.980	191.6E6	324.2E6	922.615	936.268
35)	L7 AR-1260-5	7.146	6.224	401.0E6	773.9E6	945.173	939.790

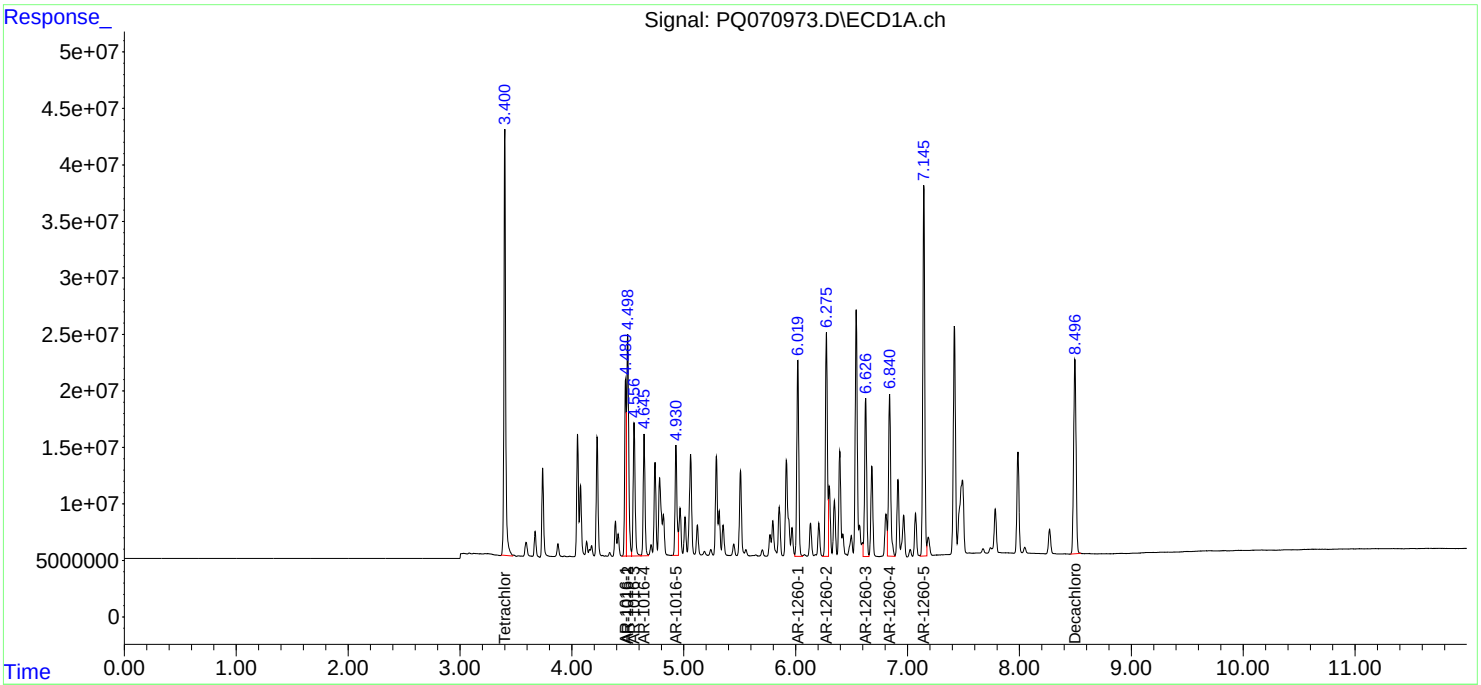
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

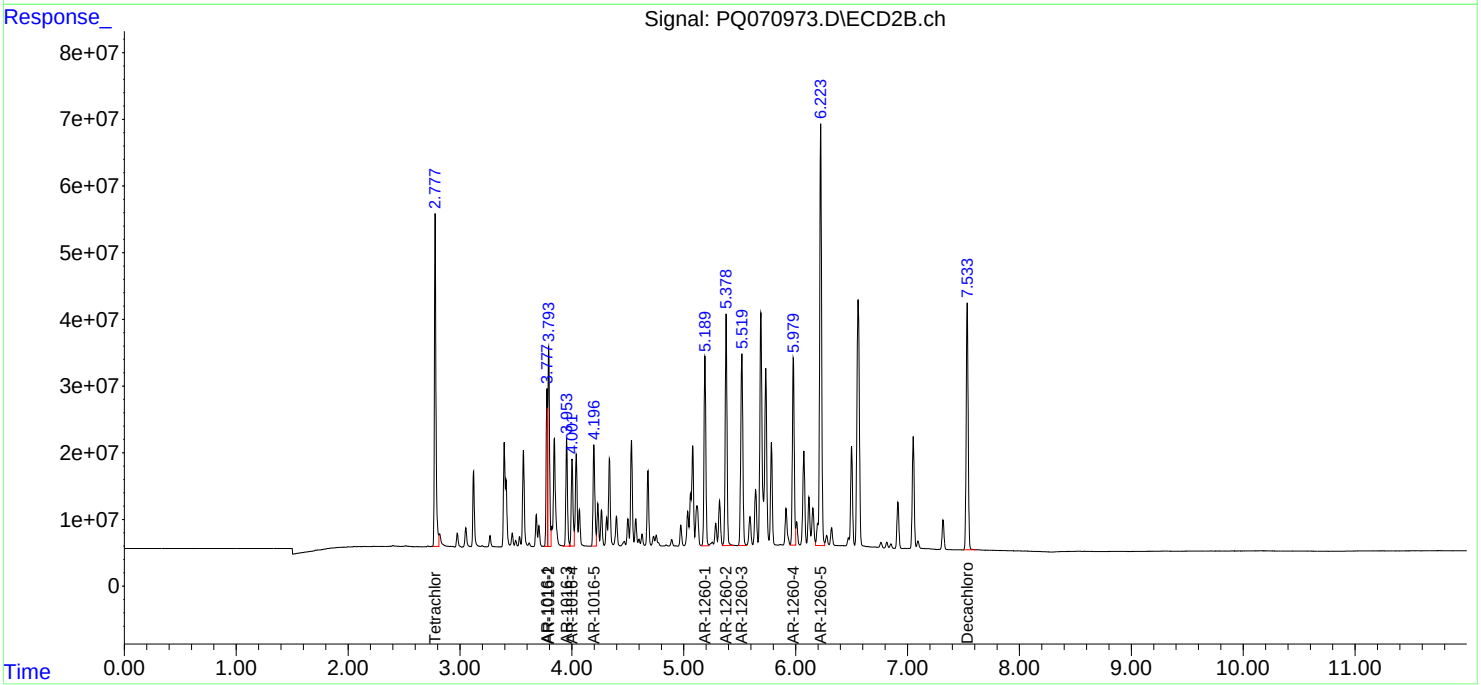
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070973.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

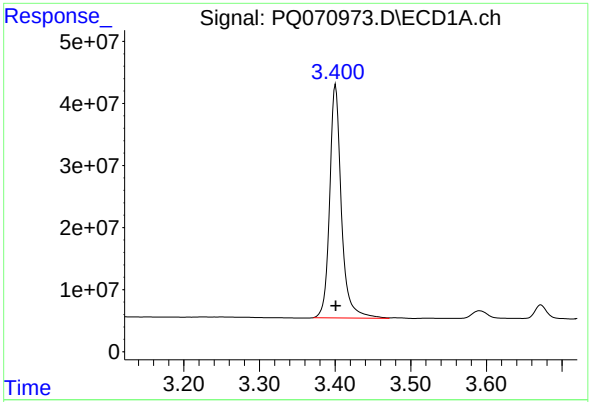
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:54:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



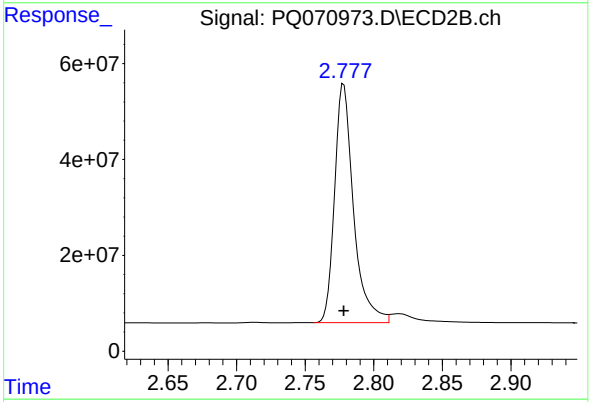




#1 Tetrachloro-m-xylene

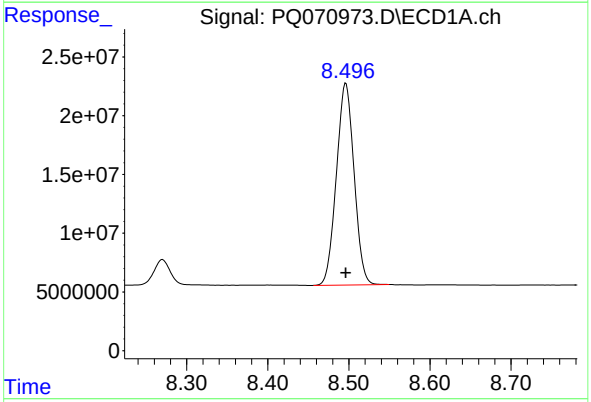
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 404899105
Conc: 95.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



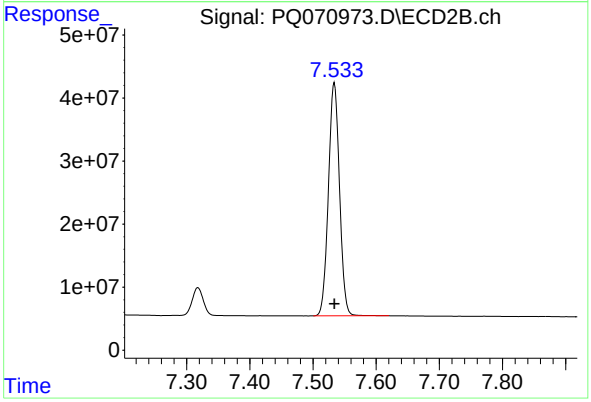
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 479082474
Conc: 94.83 ng/ml



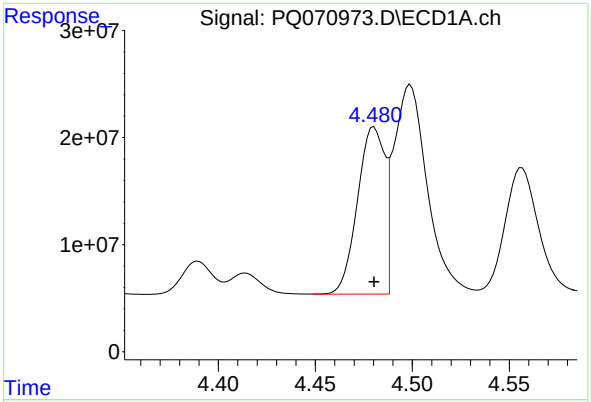
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 260399792
Conc: 92.65 ng/ml



#2 Decachlorobiphenyl

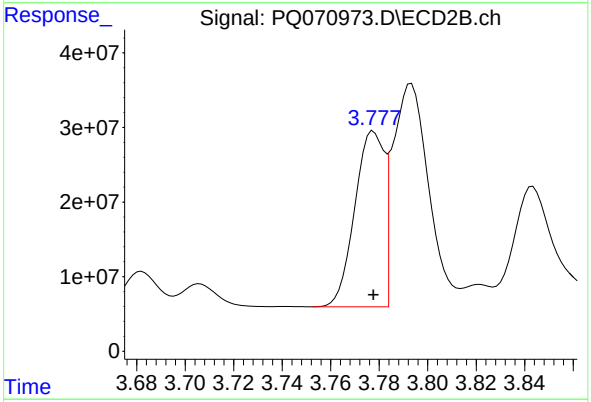
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 451185541
Conc: 93.25 ng/ml



#3 AR-1016-1

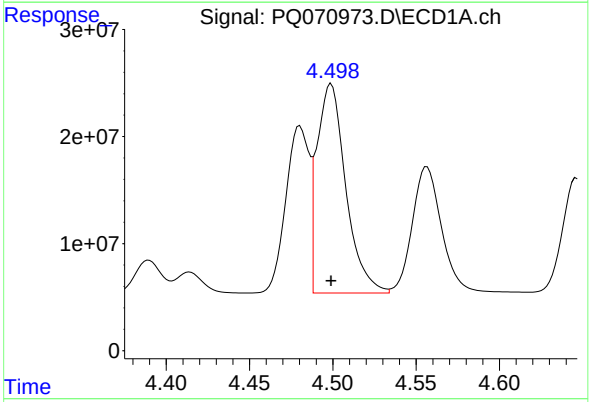
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 152632258
Conc: 947.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



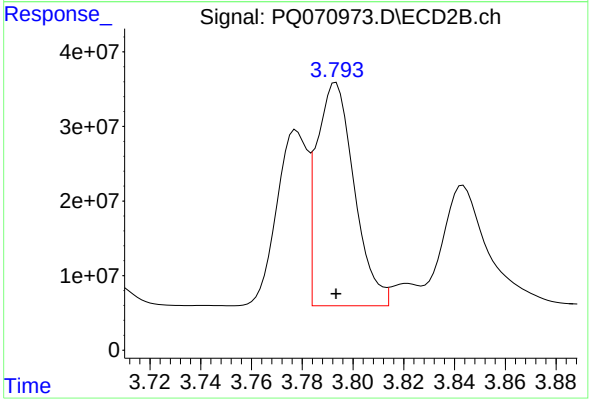
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 198094739
Conc: 929.40 ng/ml



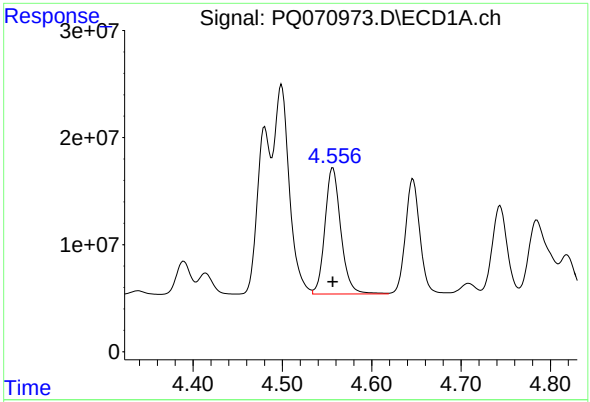
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 235274296
Conc: 941.32 ng/ml



#4 AR-1016-2

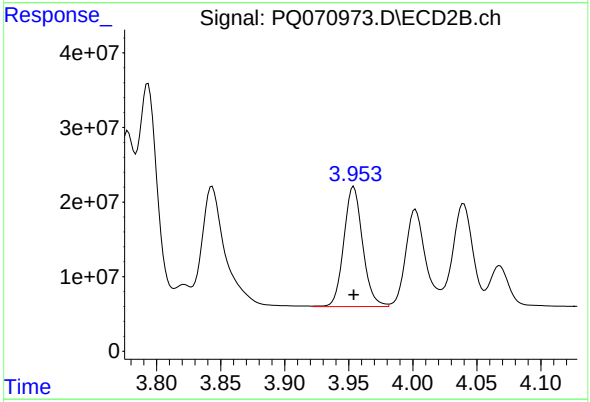
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 306974778
Conc: 940.79 ng/ml



#5 AR-1016-3

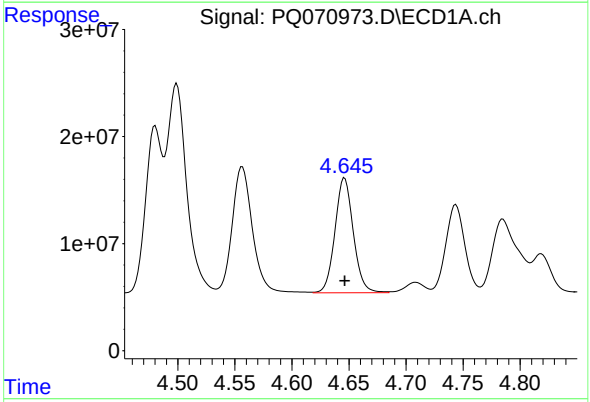
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 145675938
Conc: 939.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



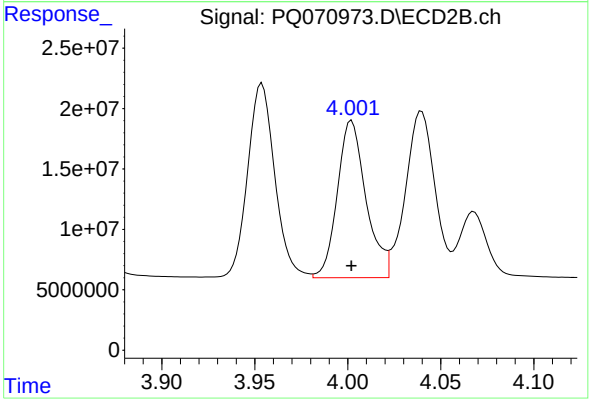
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 164197912
Conc: 934.98 ng/ml



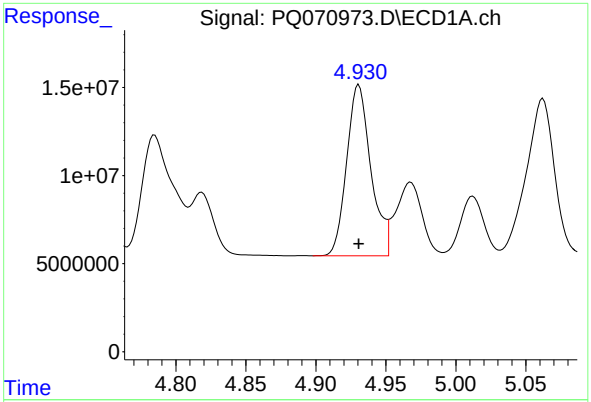
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 120162951
Conc: 942.41 ng/ml



#6 AR-1016-4

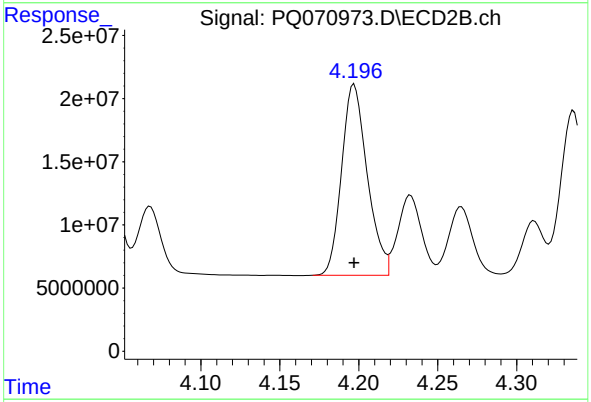
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 139678855
Conc: 928.59 ng/ml



#7 AR-1016-5

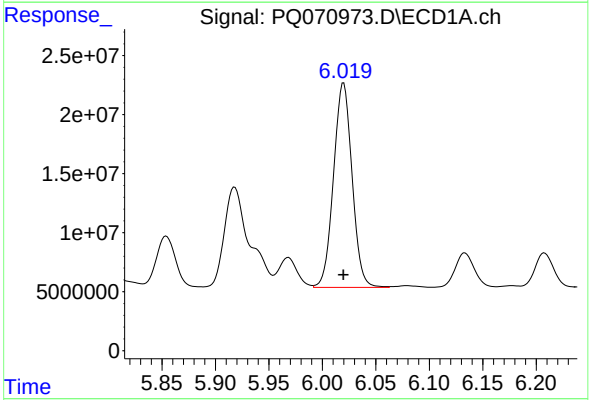
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 117231883
Conc: 935.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



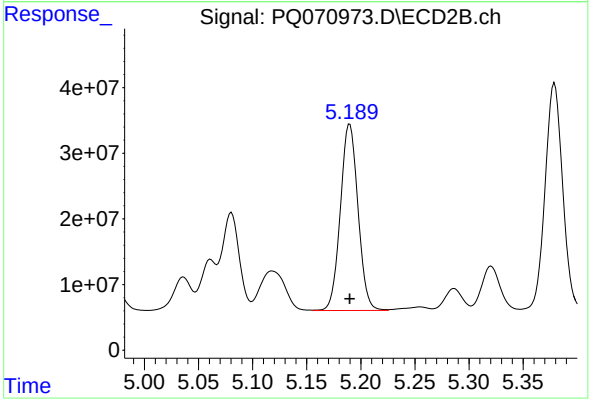
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 171310856
Conc: 930.34 ng/ml



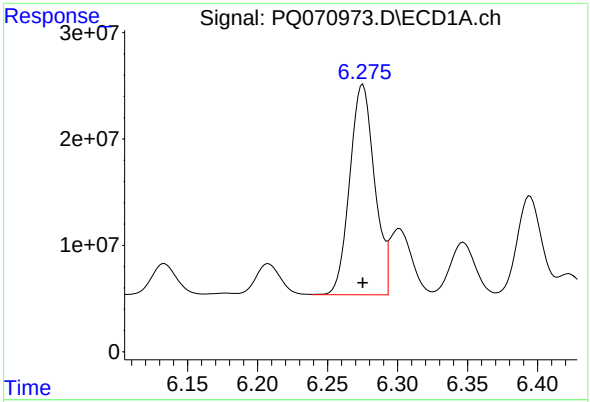
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 208928914
Conc: 926.91 ng/ml



#31 AR-1260-1

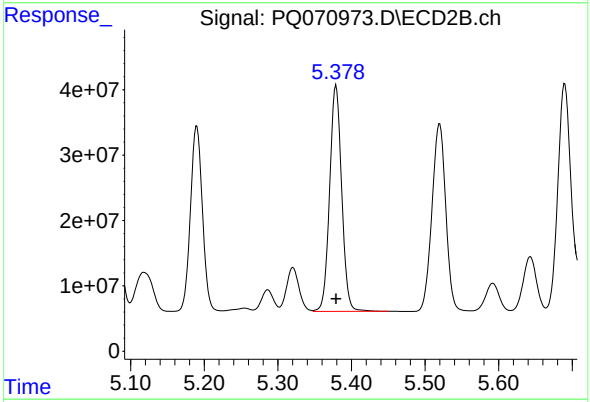
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 322104344
Conc: 936.56 ng/ml



#32 AR-1260-2

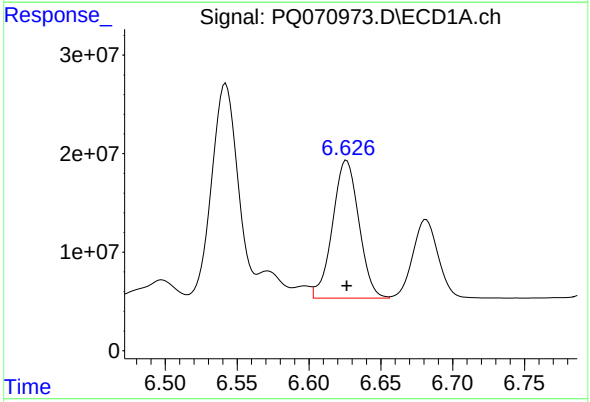
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 243695794
Conc: 917.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



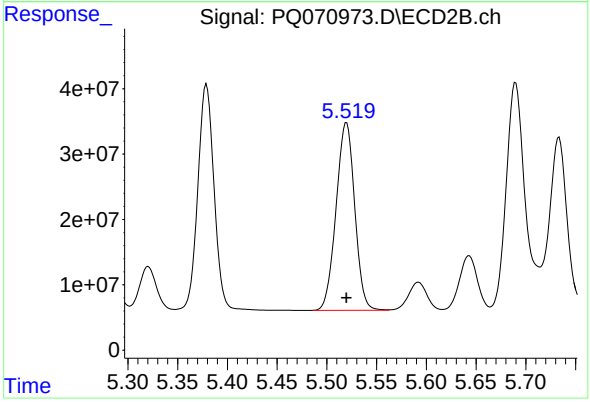
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 392921251
Conc: 931.91 ng/ml



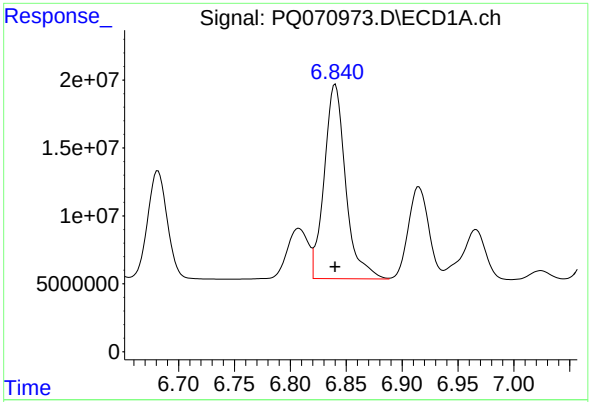
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 178017013
Conc: 930.39 ng/ml



#33 AR-1260-3

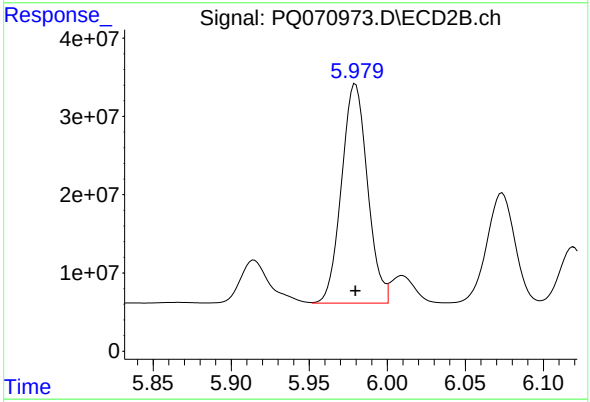
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 374441100
Conc: 938.41 ng/ml



#34 AR-1260-4

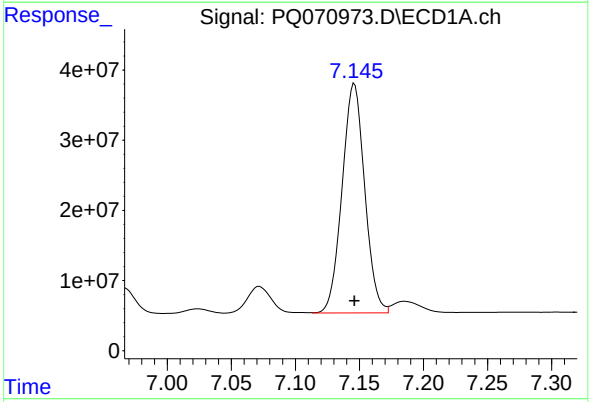
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 191556315
Conc: 922.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC1000



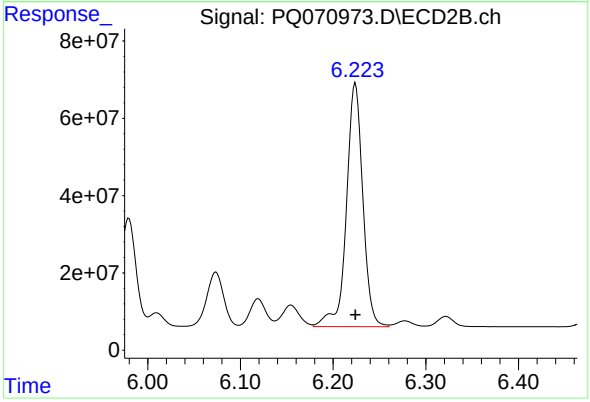
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 324169048
Conc: 936.27 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 400986941
Conc: 945.17 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 773923407
Conc: 939.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	331.5E6	388.7E6	76.997	76.286
2)	SA Decachlor...	8.496	7.534	216.6E6	372.0E6	76.373	76.242
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	121.0E6	162.9E6	750.874	759.502
4)	L1 AR-1016-2	4.499	3.794	192.6E6	252.7E6	763.674	766.122
5)	L1 AR-1016-3	4.556	3.954	117.6E6	135.4E6	755.578	763.875
6)	L1 AR-1016-4	4.646	4.002	97033800	115.6E6	757.308	762.093
7)	L1 AR-1016-5	4.930	4.197	96409305	141.0E6	762.905	760.395
31)	L7 AR-1260-1	6.020	5.189	175.6E6	264.6E6	769.253	762.765
32)	L7 AR-1260-2	6.276	5.378	206.4E6	324.1E6	767.783	762.288
33)	L7 AR-1260-3	6.627	5.519	147.3E6	307.5E6	763.182	763.633
34)	L7 AR-1260-4	6.840	5.980	160.7E6	267.1E6	765.822	764.087
35)	L7 AR-1260-5	7.146	6.224	327.7E6	616.9E6	764.763	749.377

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

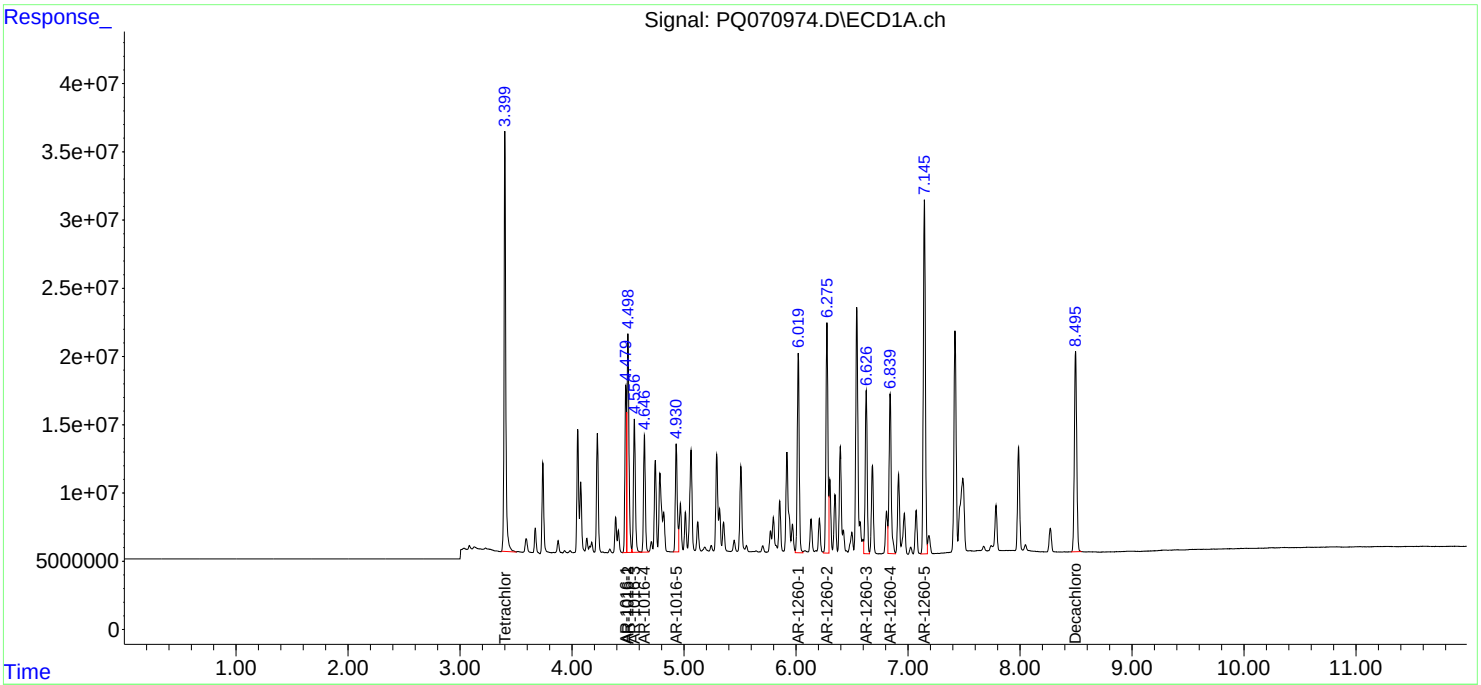
ICAL Form

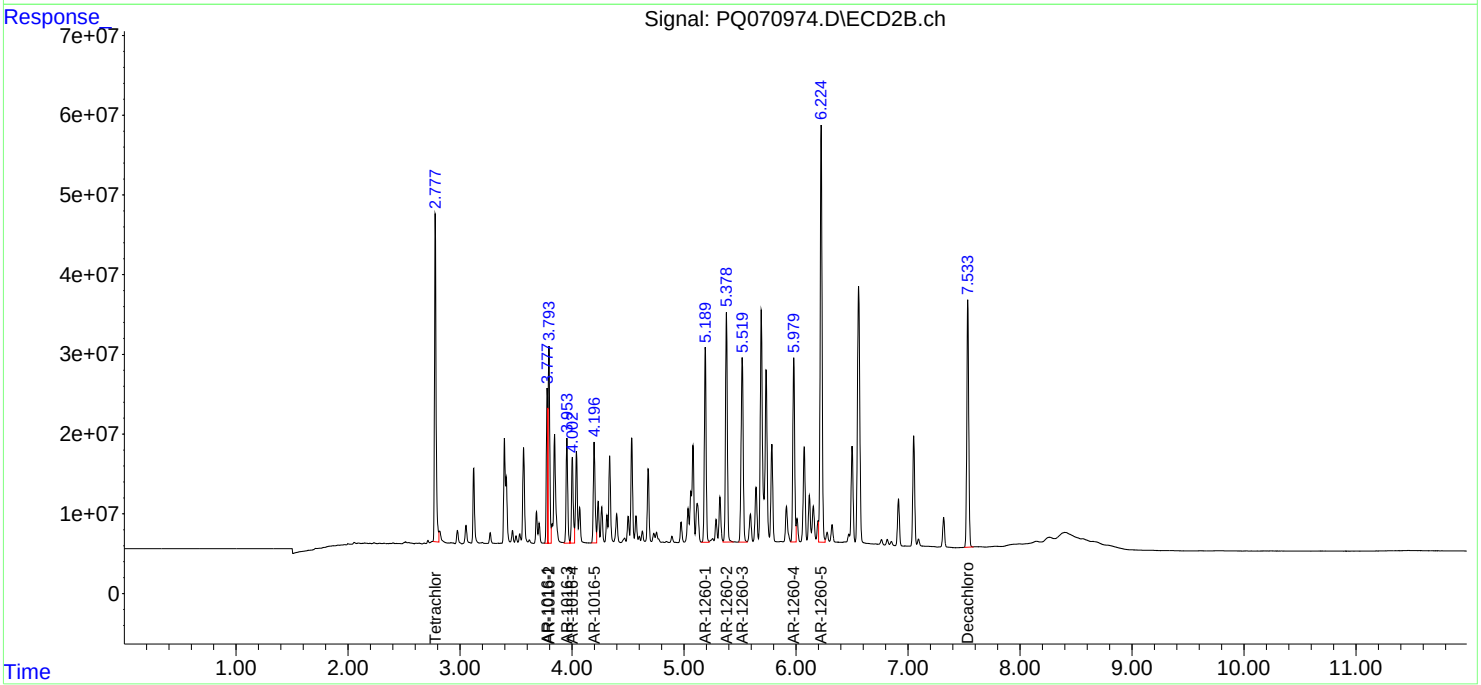
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070974.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:11
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

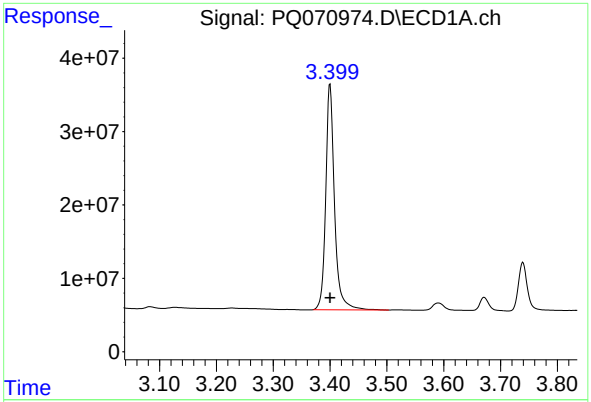
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:57:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



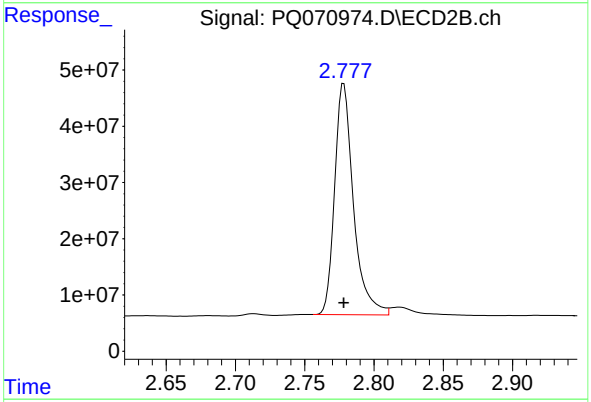




#1 Tetrachloro-m-xylene

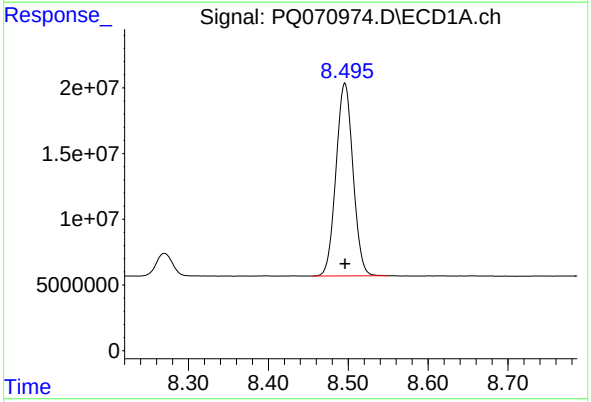
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 331524382
Conc: 77.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



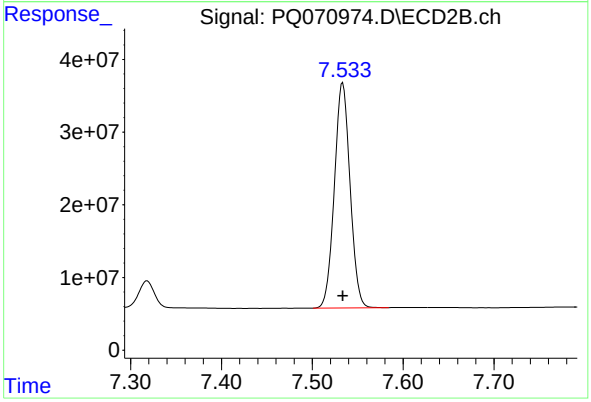
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 388746385
Conc: 76.29 ng/ml



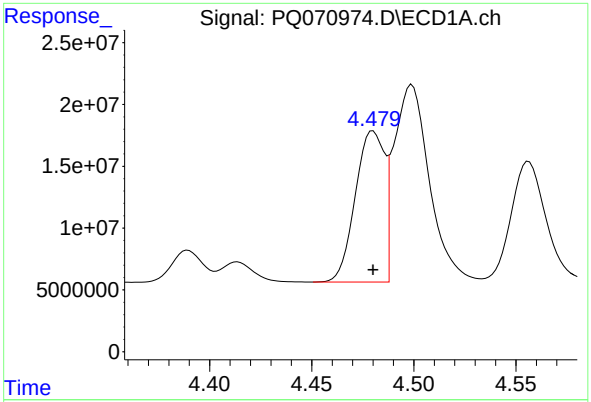
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 216632305
Conc: 76.37 ng/ml



#2 Decachlorobiphenyl

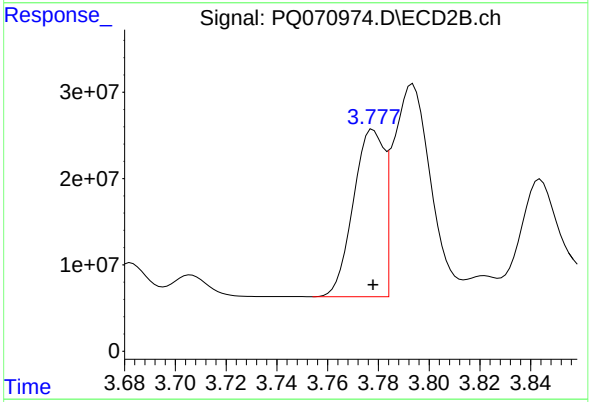
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 371991146
Conc: 76.24 ng/ml



#3 AR-1016-1

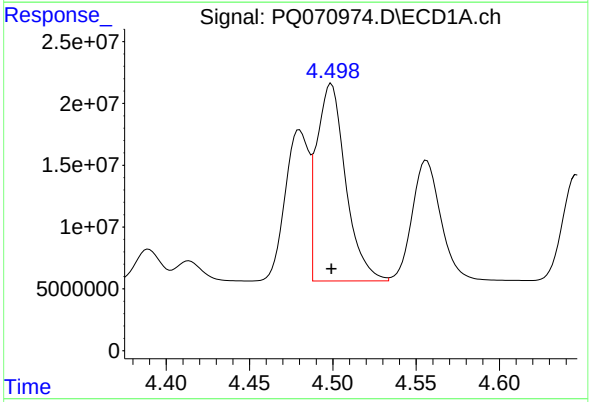
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 121036095
Conc: 750.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



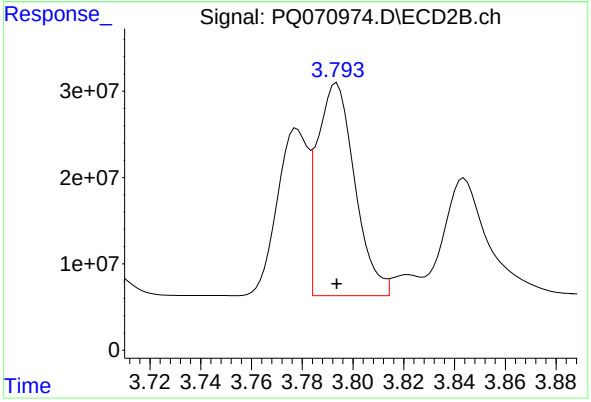
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 162913864
Conc: 759.50 ng/ml



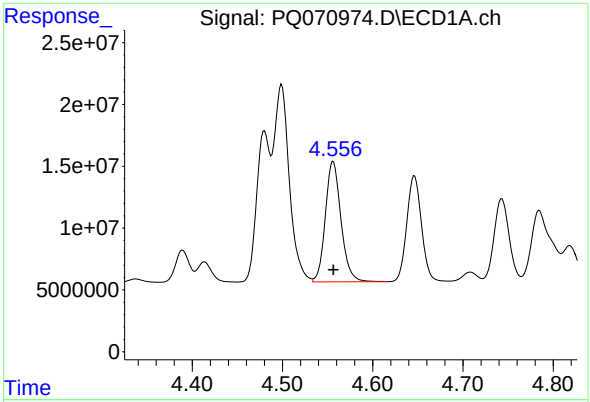
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 192628730
Conc: 763.67 ng/ml



#4 AR-1016-2

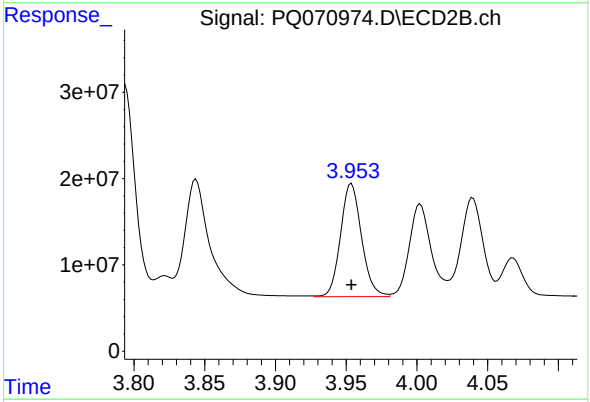
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 252696401
Conc: 766.12 ng/ml



#5 AR-1016-3

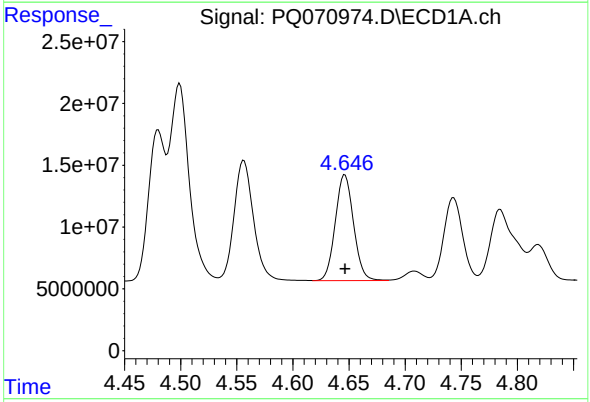
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 117587028
Conc: 755.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



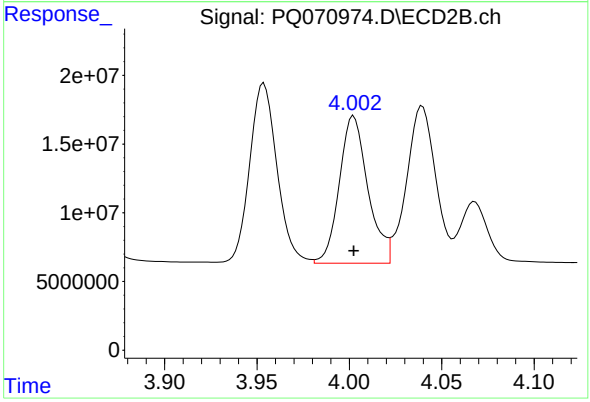
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 135401603
Conc: 763.88 ng/ml



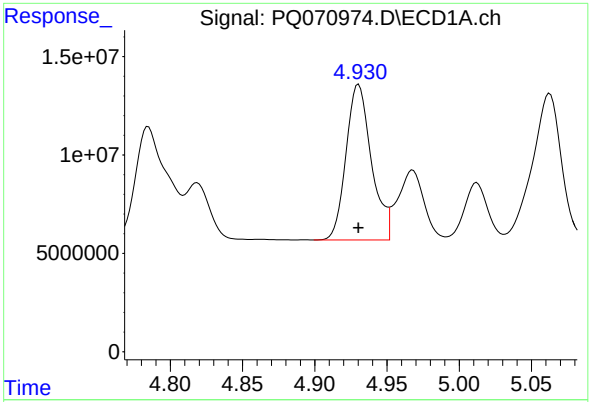
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 97033800
Conc: 757.31 ng/ml



#6 AR-1016-4

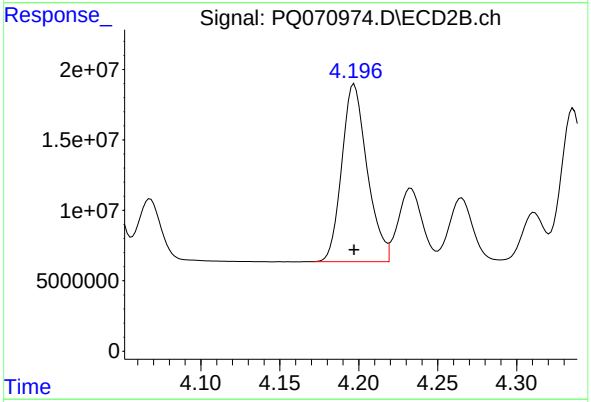
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 115566331
Conc: 762.09 ng/ml



#7 AR-1016-5

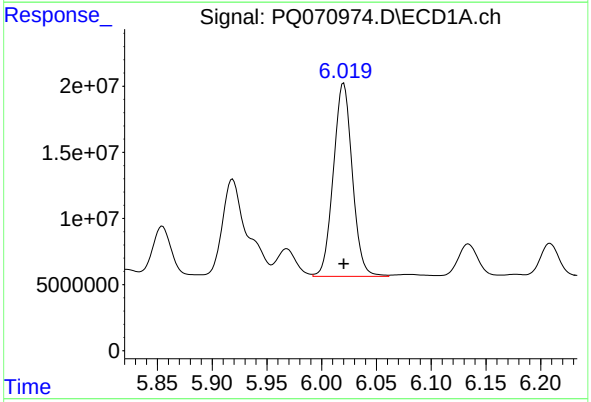
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 96409305
Conc: 762.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



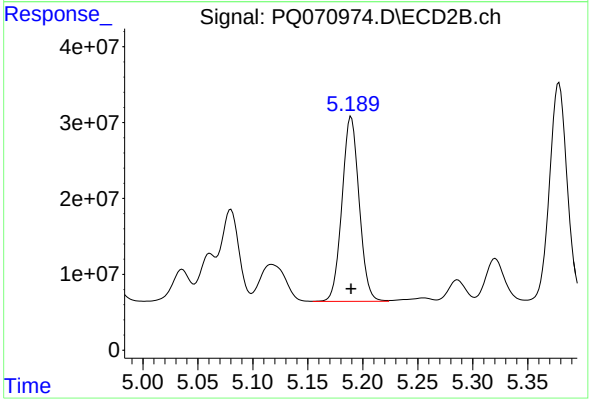
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 140993849
Conc: 760.39 ng/ml



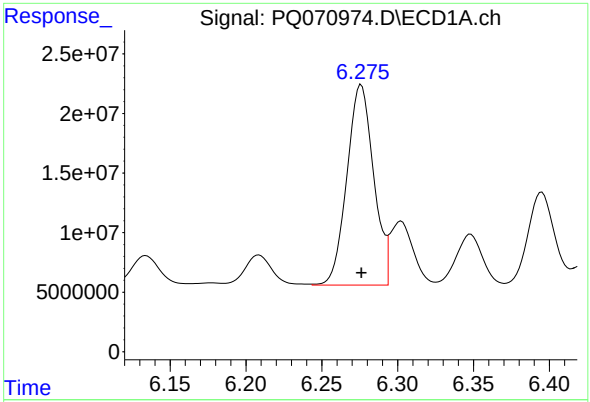
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 175646524
Conc: 769.25 ng/ml



#31 AR-1260-1

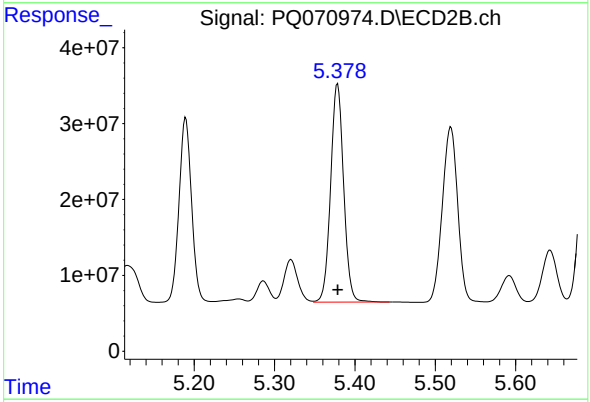
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 264584355
Conc: 762.77 ng/ml



#32 AR-1260-2

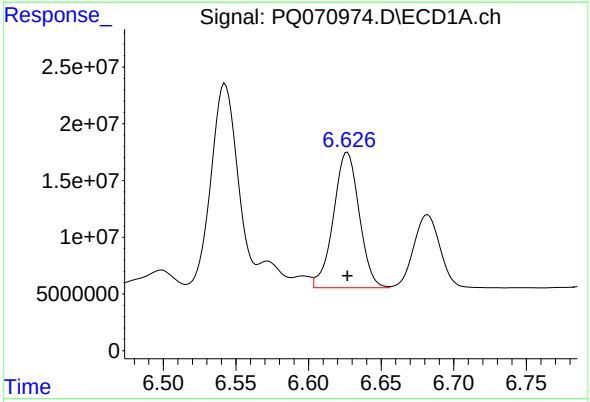
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 206449688
Conc: 767.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



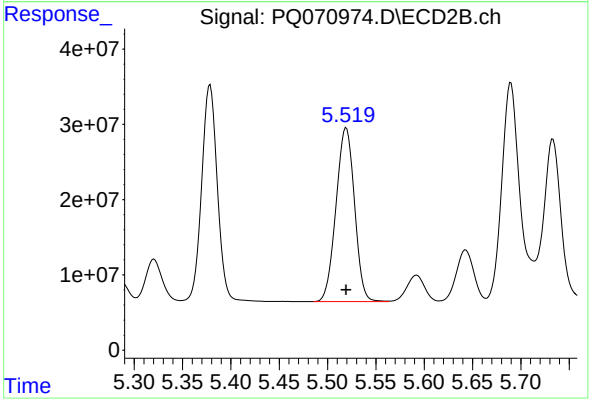
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 324058699
Conc: 762.29 ng/ml



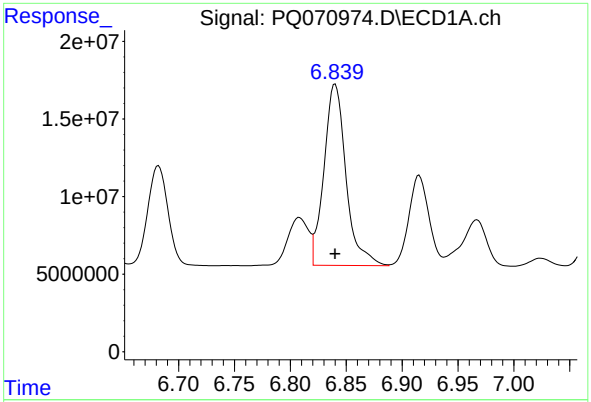
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 147318344
Conc: 763.18 ng/ml



#33 AR-1260-3

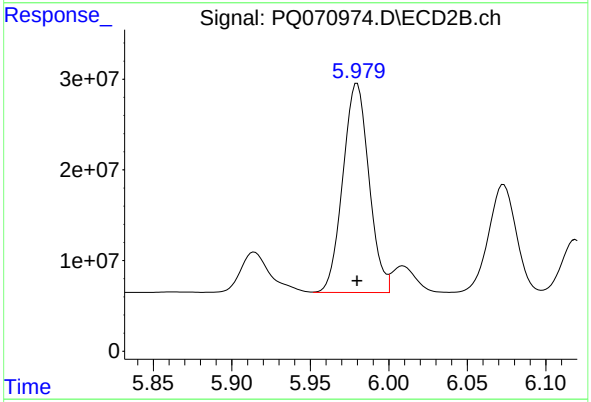
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 307498276
Conc: 763.63 ng/ml



#34 AR-1260-4

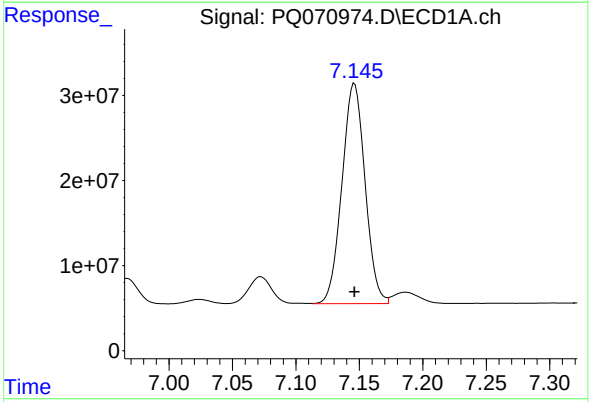
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 160697330
Conc: 765.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC750



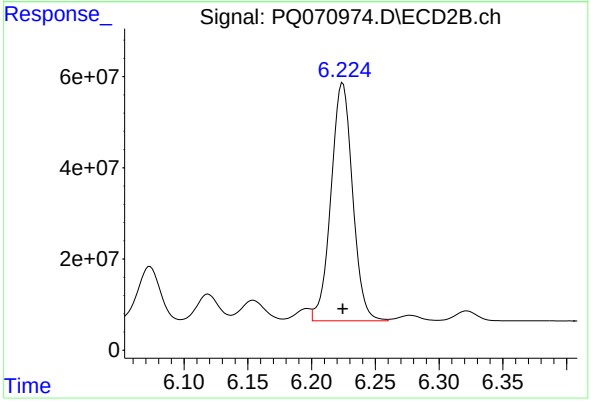
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 267062083
Conc: 764.09 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 327673748
Conc: 764.76 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 616861043
Conc: 749.38 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	222.4E6	265.7E6	50.000	50.000
2)	SA Decachlor...	8.496	7.533	150.9E6	258.3E6	50.000	50.000
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	84783442	114.1E6	500.000	500.000
4)	L1 AR-1016-2	4.499	3.793	132.3E6	172.8E6	500.000	500.000
5)	L1 AR-1016-3	4.556	3.953	82208498	93517571	500.000	500.000
6)	L1 AR-1016-4	4.646	4.002	67424126	80581398	500.000	500.000
7)	L1 AR-1016-5	4.931	4.197	66668174	98481559	500.000	500.000
31)	L7 AR-1260-1	6.019	5.189	120.9E6	182.9E6	500.000	500.000
32)	L7 AR-1260-2	6.275	5.378	143.9E6	225.2E6	500.000	500.000
33)	L7 AR-1260-3	6.626	5.519	102.3E6	211.8E6	500.000	500.000
34)	L7 AR-1260-4	6.840	5.979	111.8E6	184.2E6	500.000	500.000
35)	L7 AR-1260-5	7.145	6.224	223.8E6	436.5E6	500.000	500.000

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

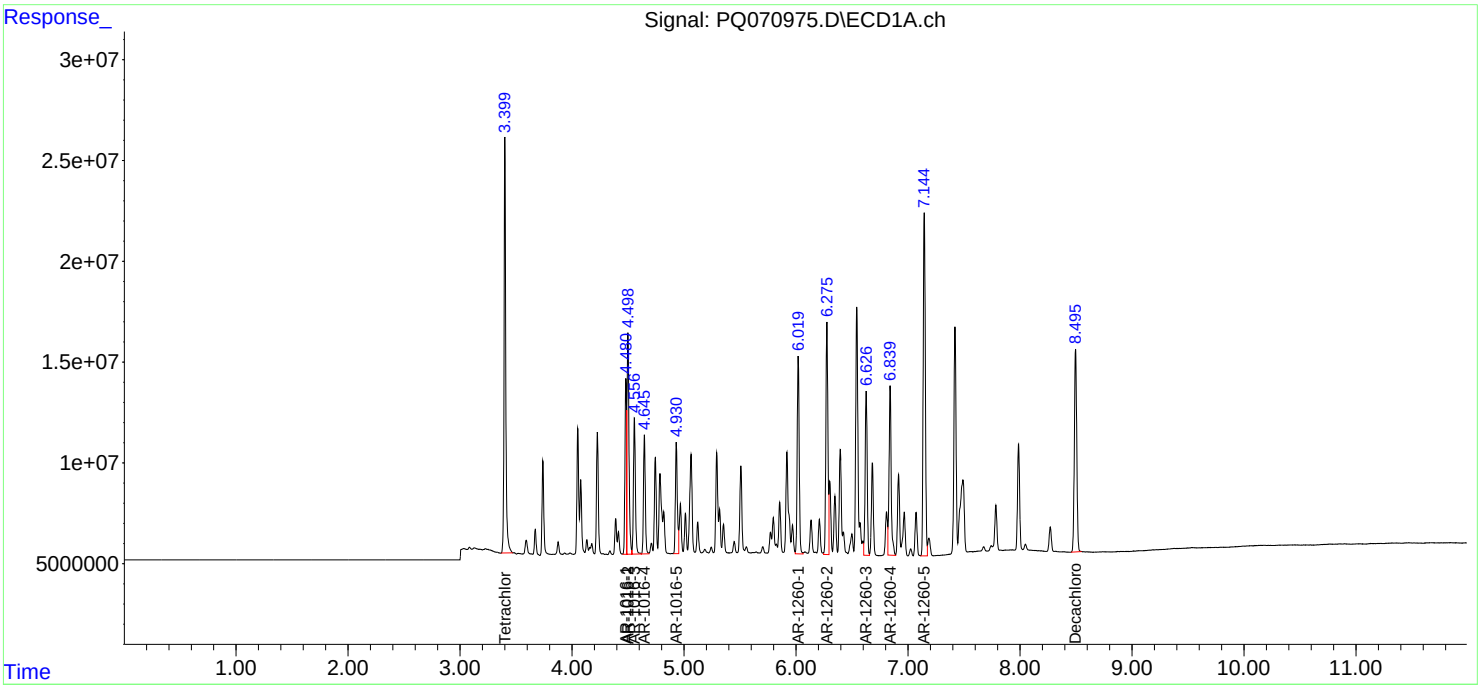
ICAL Form

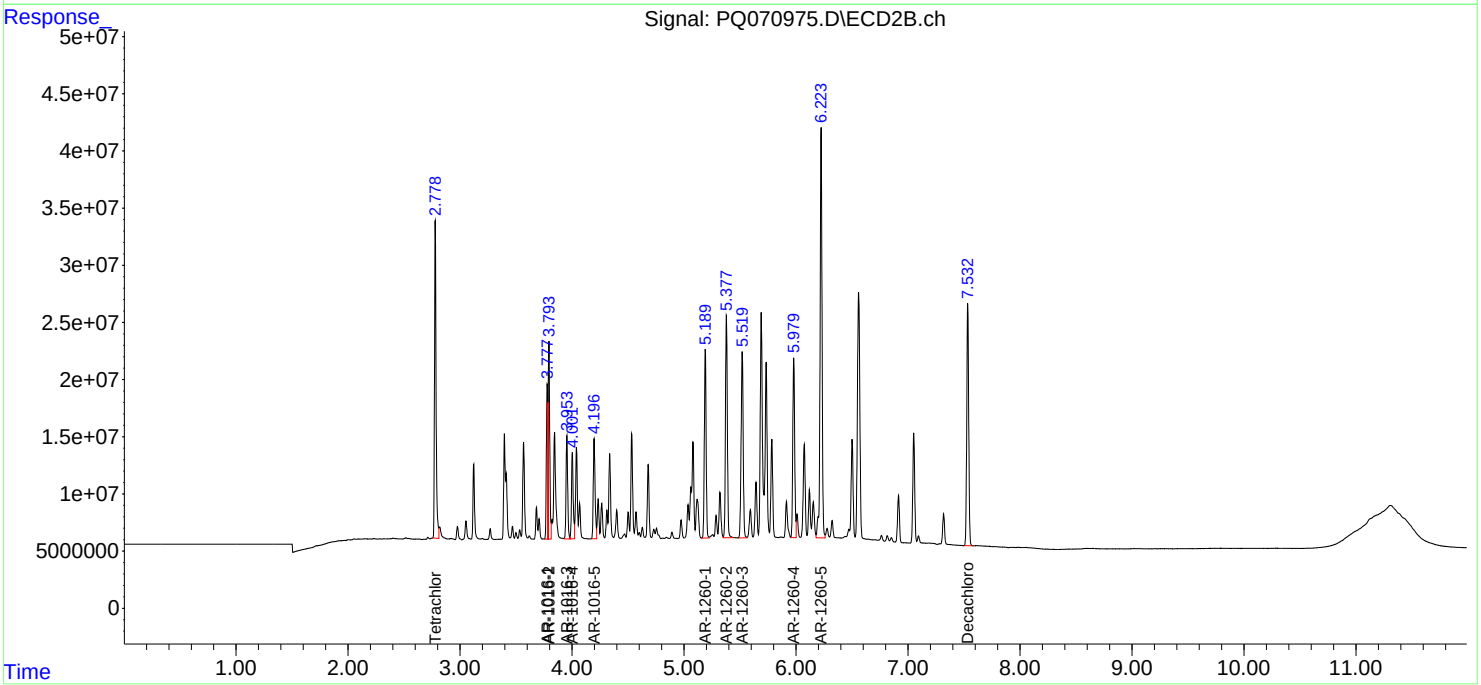
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070975.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:26
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

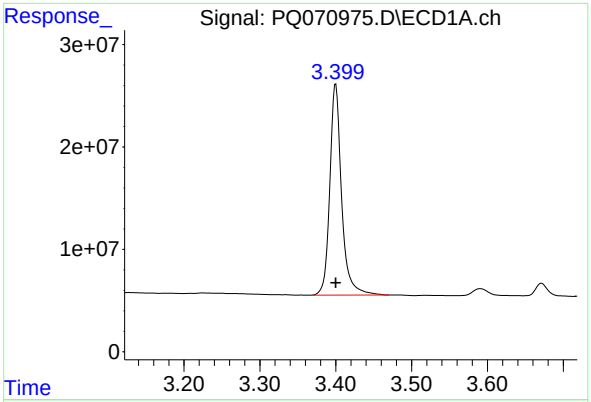
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 10:49:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



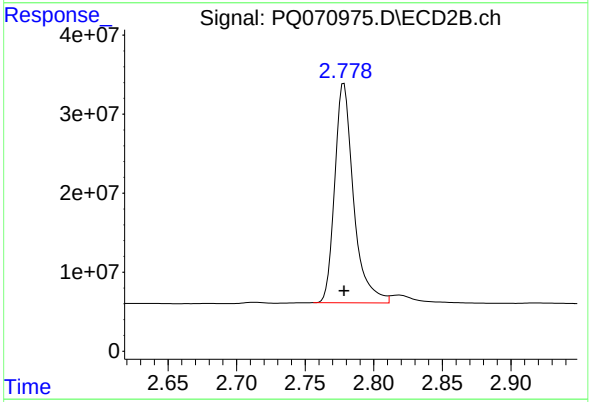




#1 Tetrachloro-m-xylene

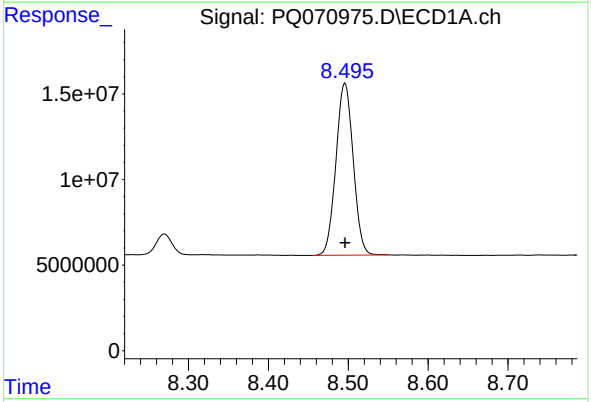
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 222389121
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



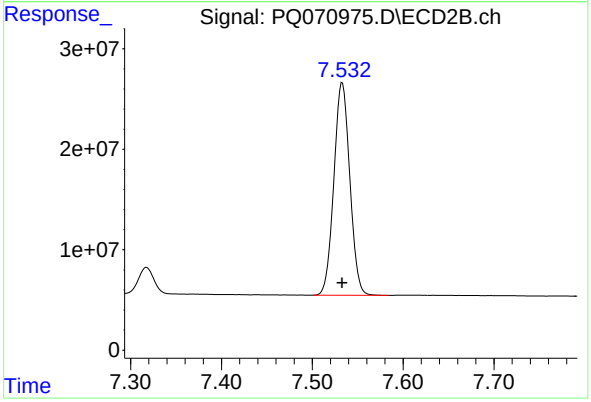
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265685397
Conc: 50.00 ng/ml



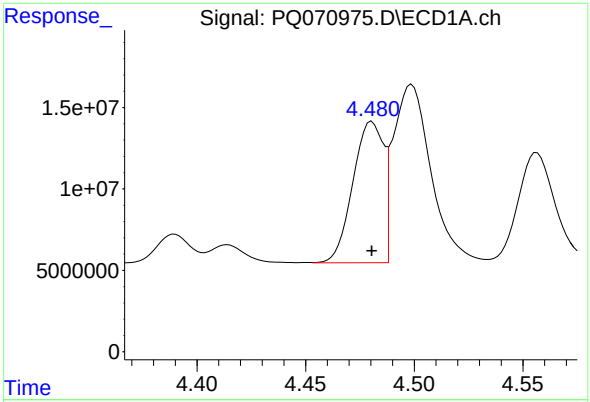
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 150851883
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

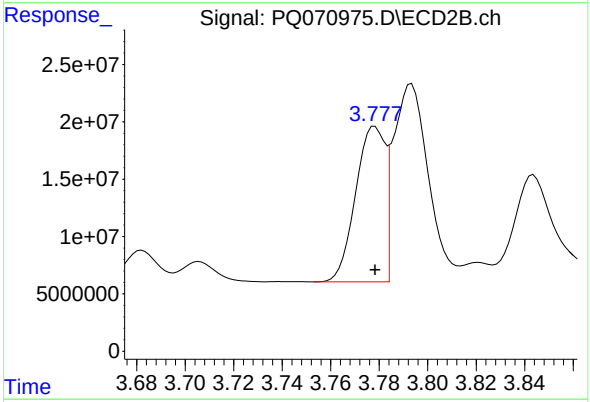
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 258271490
Conc: 50.00 ng/ml



#3 AR-1016-1

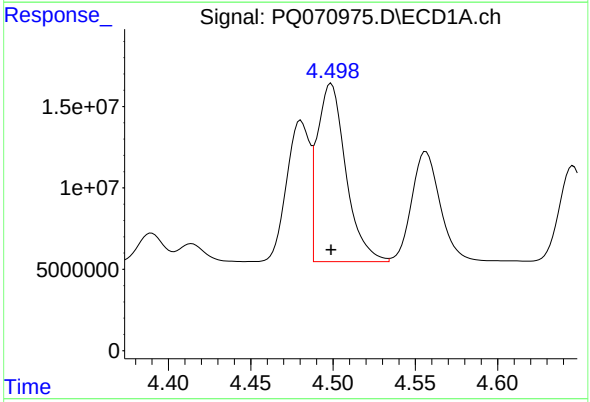
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84783442
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



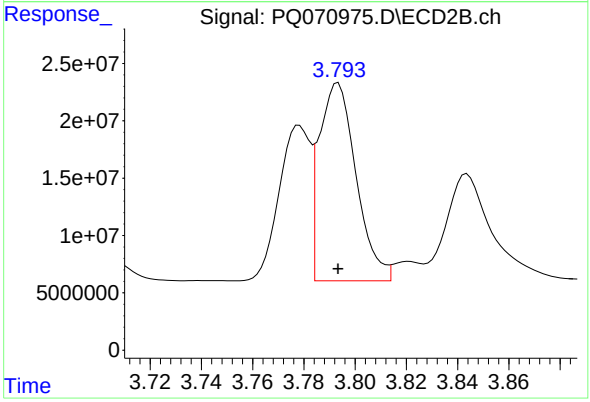
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 114094944
Conc: 500.00 ng/ml



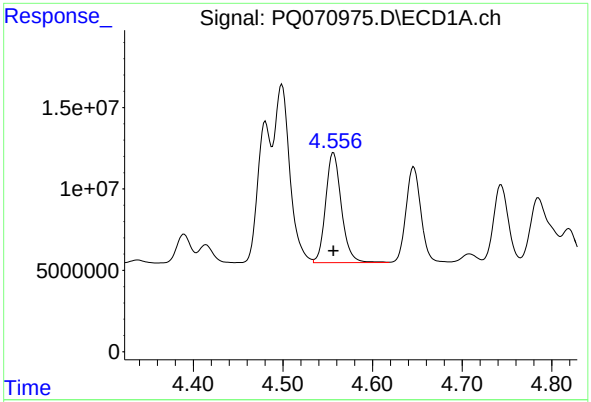
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 132302716
Conc: 500.00 ng/ml



#4 AR-1016-2

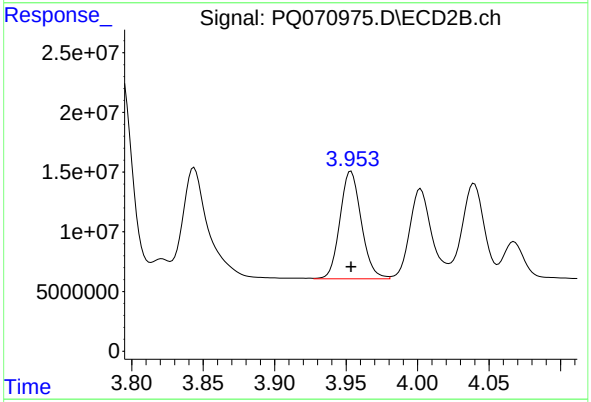
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 172805809
Conc: 500.00 ng/ml



#5 AR-1016-3

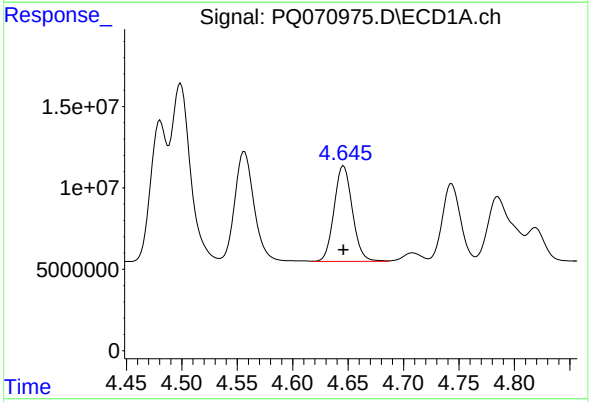
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 82208498
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



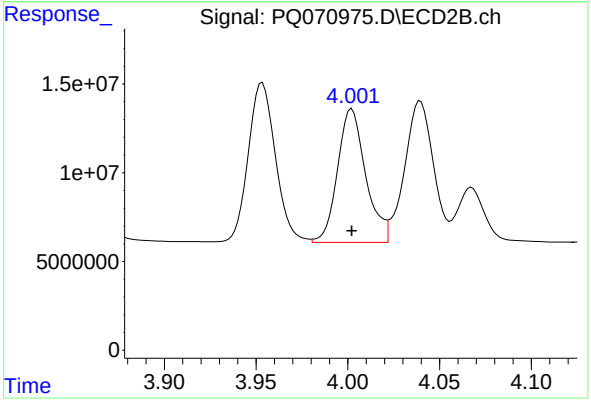
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 93517571
Conc: 500.00 ng/ml



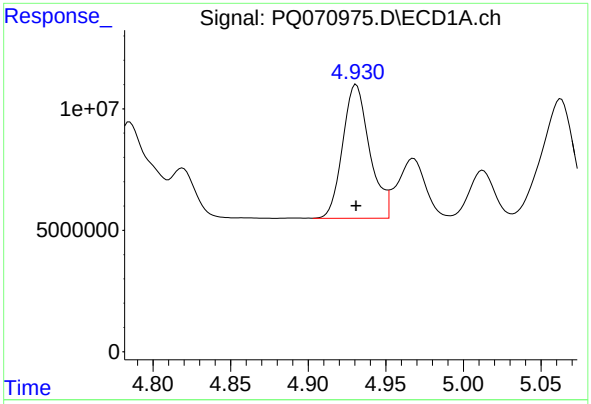
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 67424126
Conc: 500.00 ng/ml



#6 AR-1016-4

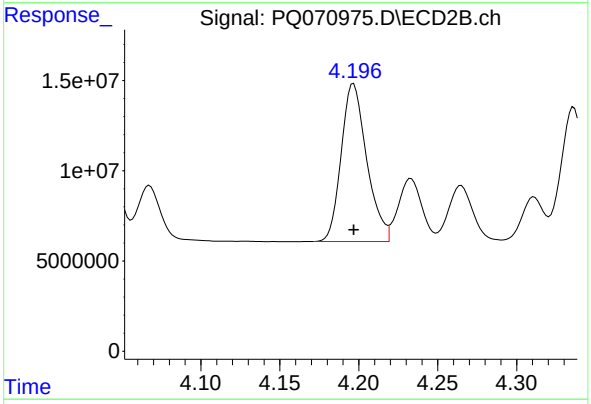
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 80581398
Conc: 500.00 ng/ml



#7 AR-1016-5

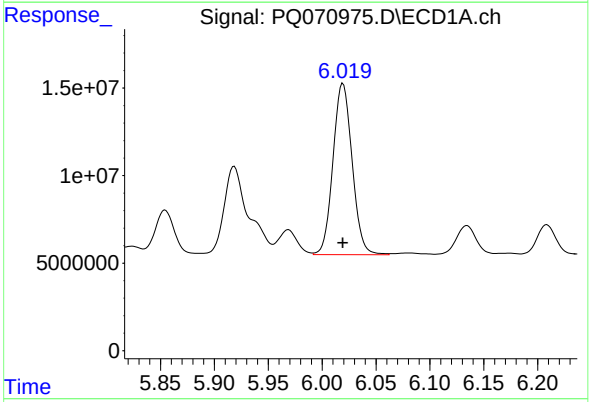
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 66668174
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



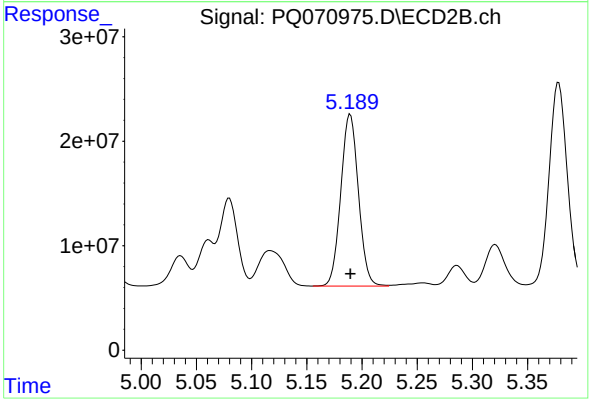
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 98481559
Conc: 500.00 ng/ml



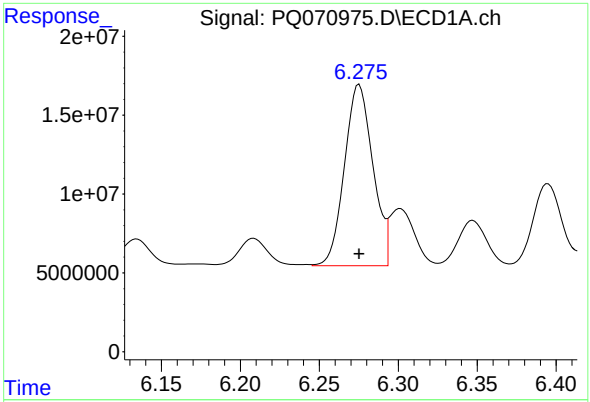
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 120938759
Conc: 500.00 ng/ml



#31 AR-1260-1

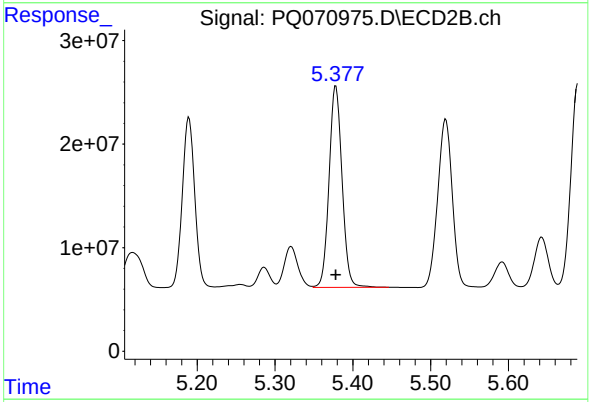
R.T.: 5.189 min
Delta R.T.: 0.000 min
Response: 182871121
Conc: 500.00 ng/ml



#32 AR-1260-2

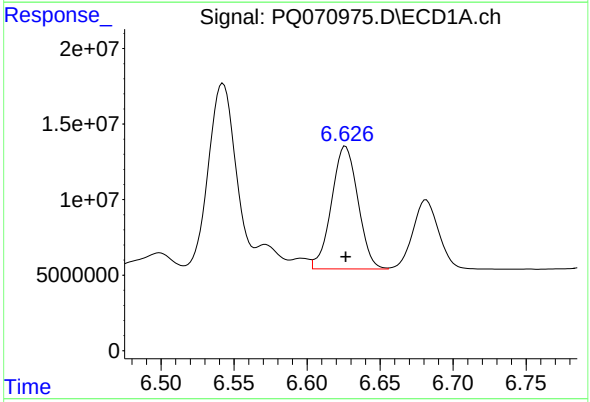
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 143855136
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



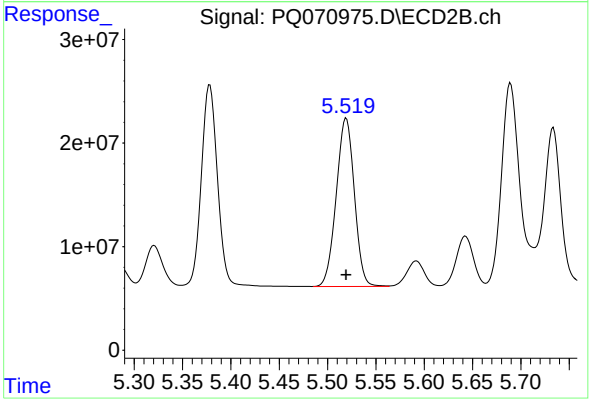
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 225169968
Conc: 500.00 ng/ml



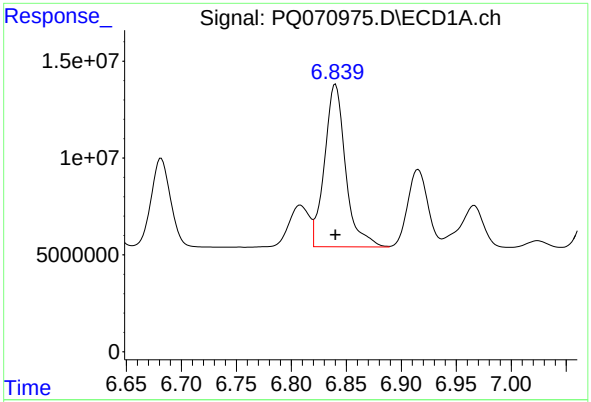
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 102326803
Conc: 500.00 ng/ml



#33 AR-1260-3

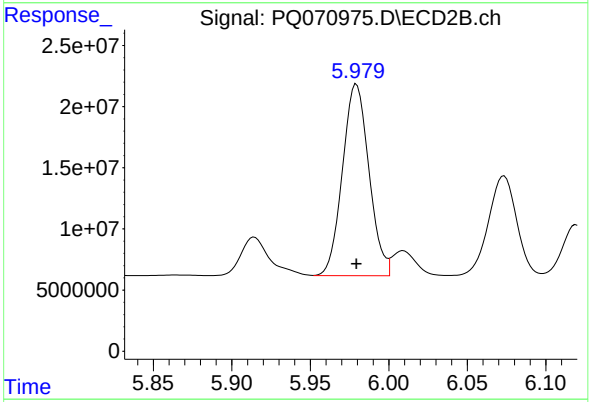
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 211797535
Conc: 500.00 ng/ml



#34 AR-1260-4

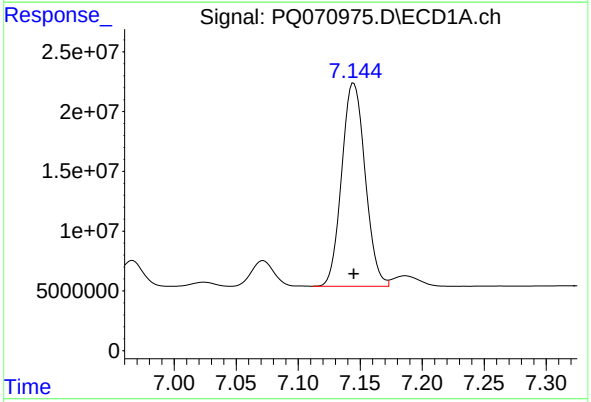
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 111845082
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC500



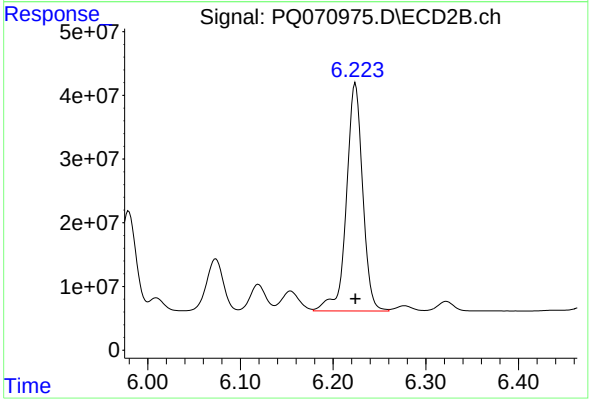
#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 184150913
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 223753809
Conc: 500.00 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 436544757
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	112.4E6	132.6E6	25.824	25.753
2)	SA Decachlor...	8.495	7.534	77430043	134.0E6	26.685	26.803
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	43873025	59445752	266.271	269.814
4)	L1 AR-1016-2	4.499	3.794	67879501	89768912	264.062	266.260
5)	L1 AR-1016-3	4.557	3.954	42399194	48815753	266.464	268.576
6)	L1 AR-1016-4	4.646	4.003	34575940	42722621	264.598	273.066
7)	L1 AR-1016-5	4.931	4.197	34076692	51408265	264.457	269.895
31)	L7 AR-1260-1	6.019	5.190	61964969	95539541	265.698	268.599
32)	L7 AR-1260-2	6.275	5.379	74180101	116.7E6	268.916	267.943
33)	L7 AR-1260-3	6.626	5.520	52397657	109.0E6	265.747	265.224
34)	L7 AR-1260-4	6.840	5.980	57203584	95029278	266.583	266.063
35)	L7 AR-1260-5	7.146	6.224	113.0E6	220.2E6	260.134	262.889

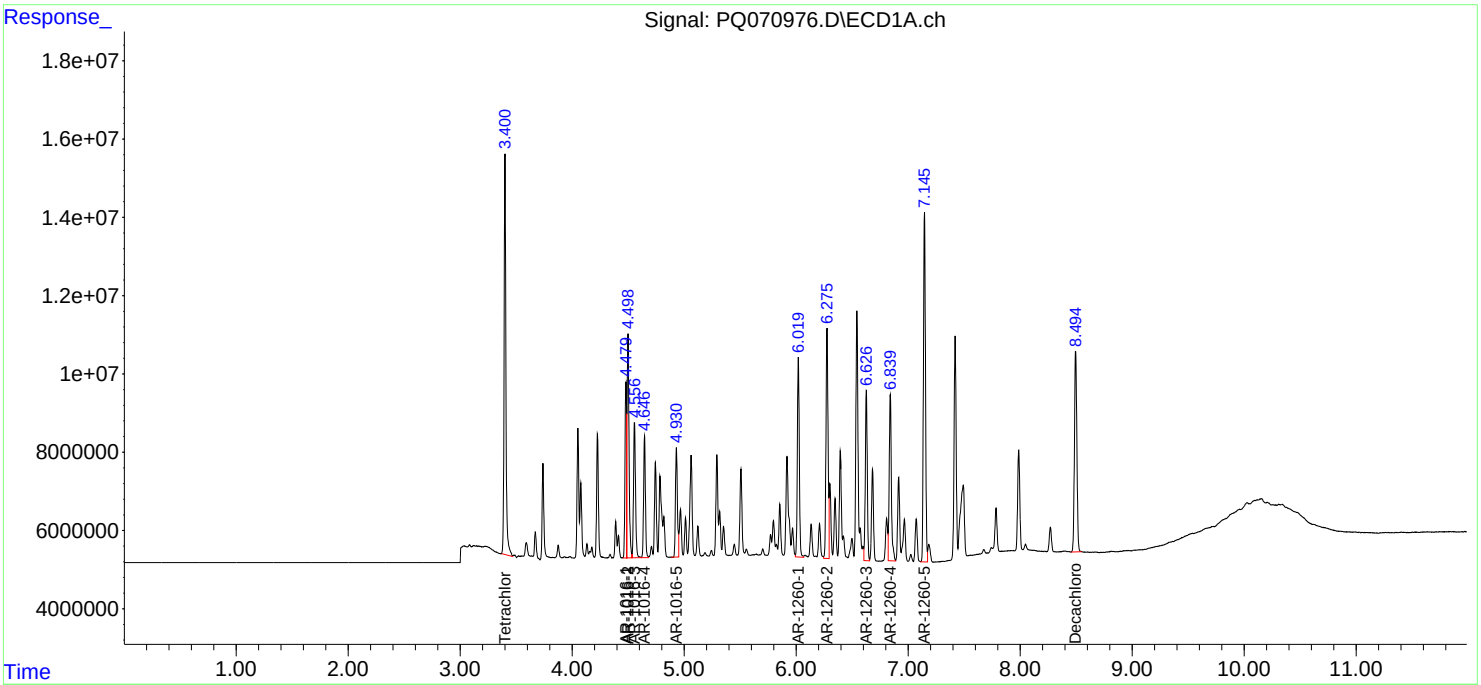
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

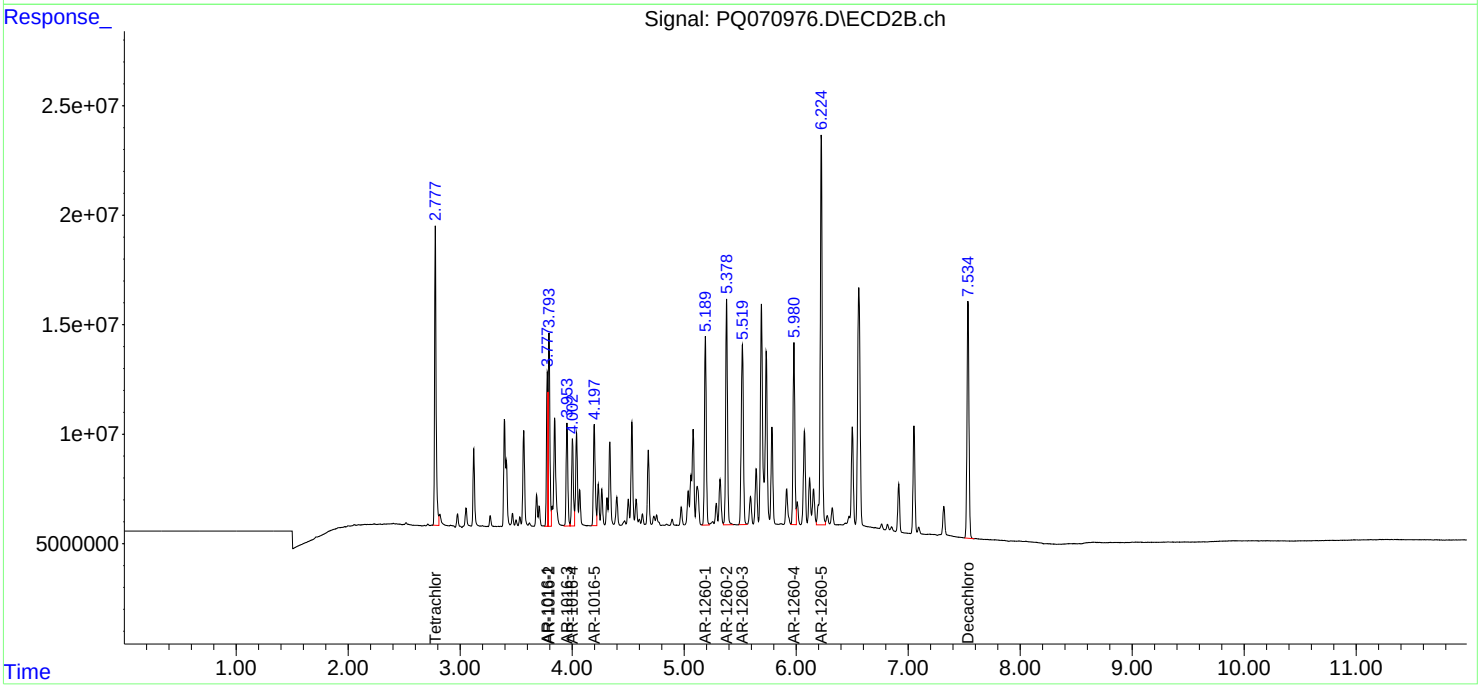
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070976.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:40
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

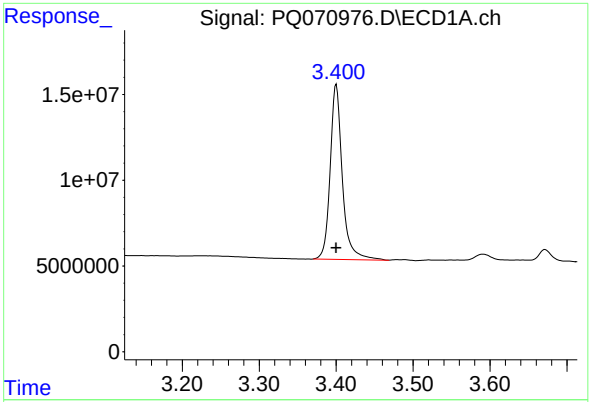
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:01:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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



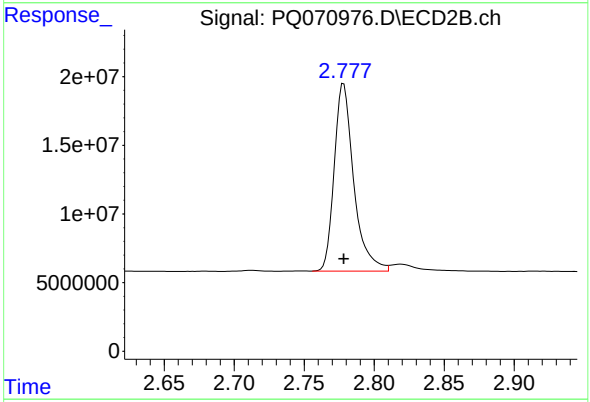




#1 Tetrachloro-m-xylene

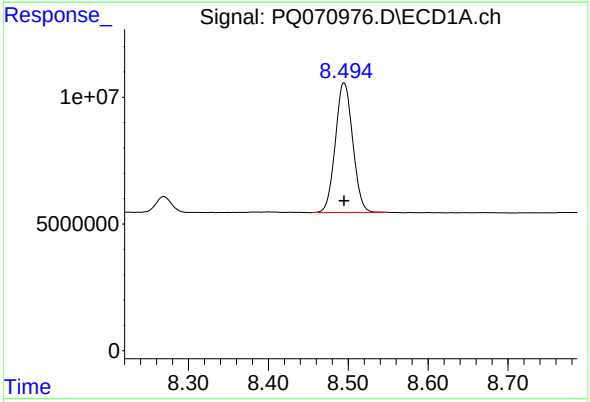
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 112427951
Conc: 25.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



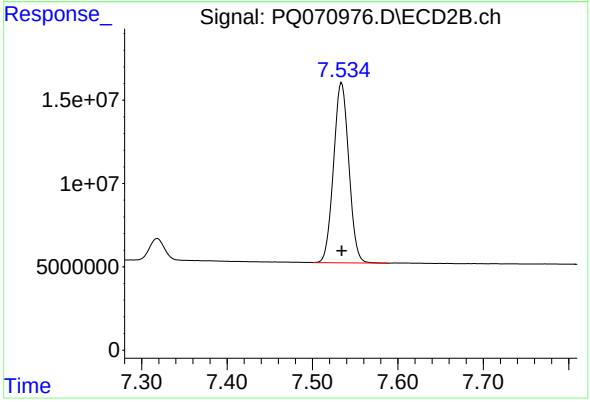
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 132564653
Conc: 25.75 ng/ml



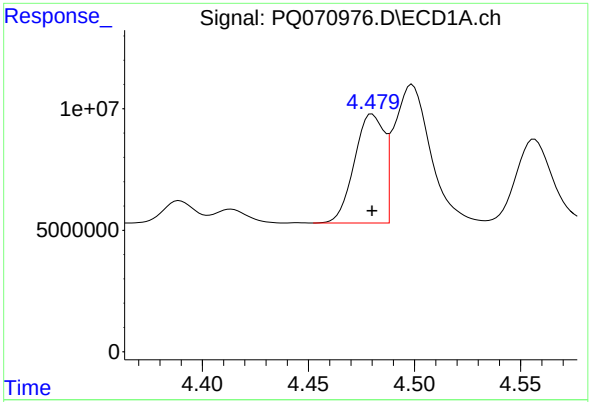
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 77430043
Conc: 26.68 ng/ml



#2 Decachlorobiphenyl

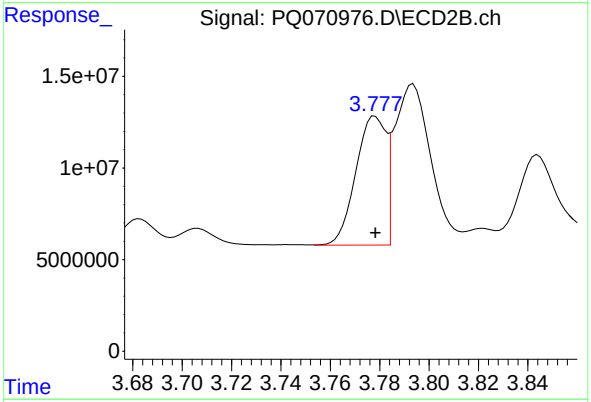
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 133997963
Conc: 26.80 ng/ml



#3 AR-1016-1

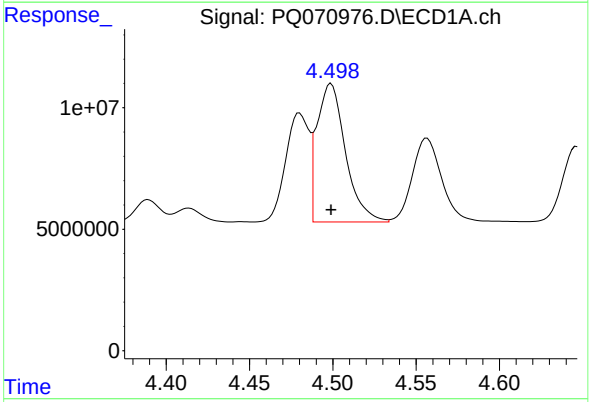
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 43873025
Conc: 266.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



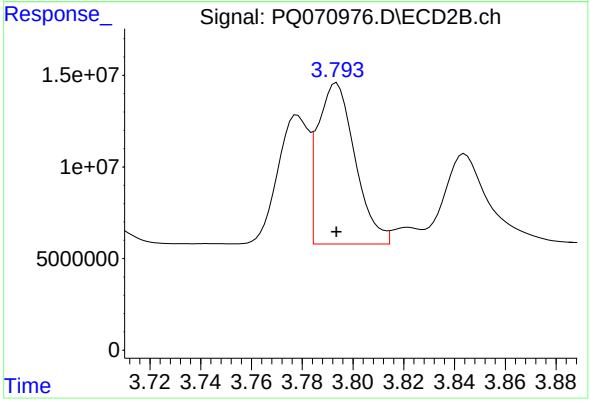
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 59445752
Conc: 269.81 ng/ml



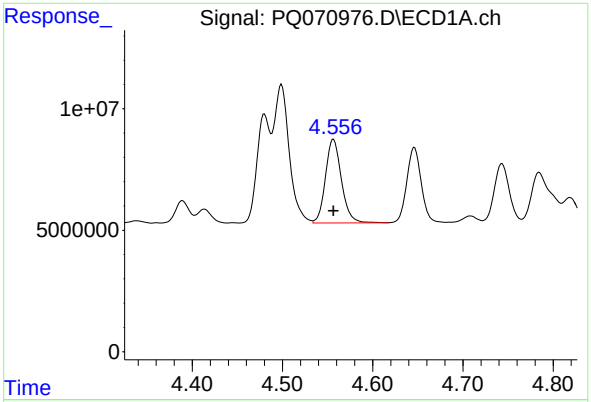
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 67879501
Conc: 264.06 ng/ml



#4 AR-1016-2

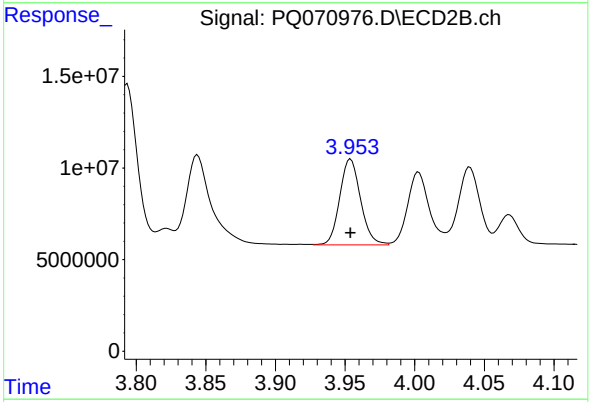
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 89768912
Conc: 266.26 ng/ml



#5 AR-1016-3

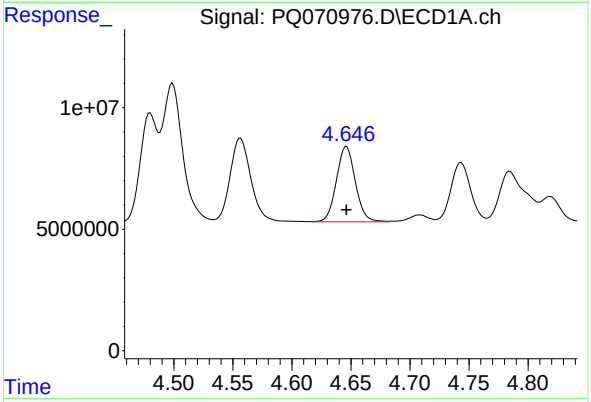
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 42399194
Conc: 266.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



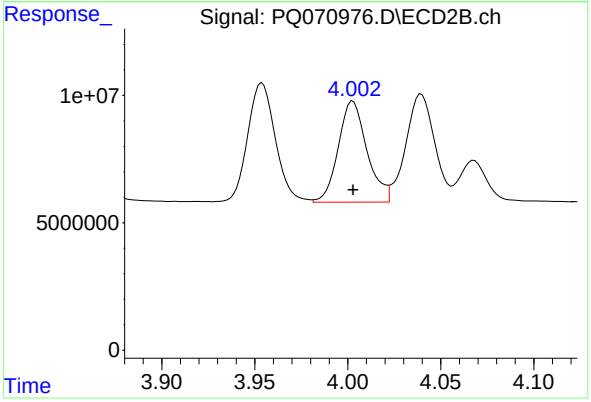
#5 AR-1016-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 48815753
Conc: 268.58 ng/ml



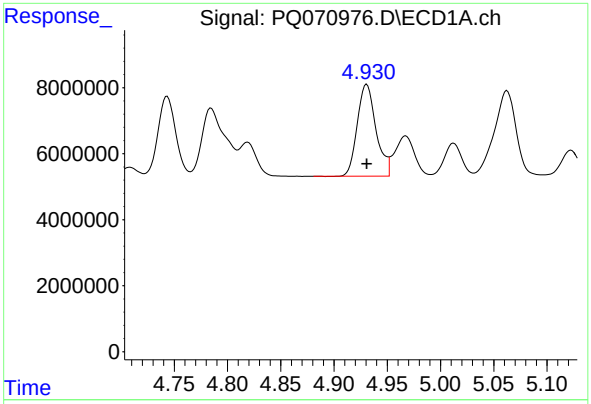
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 34575940
Conc: 264.60 ng/ml



#6 AR-1016-4

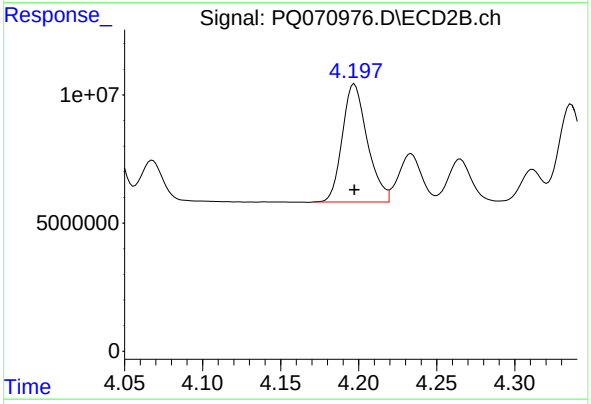
R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 42722621
Conc: 273.07 ng/ml



#7 AR-1016-5

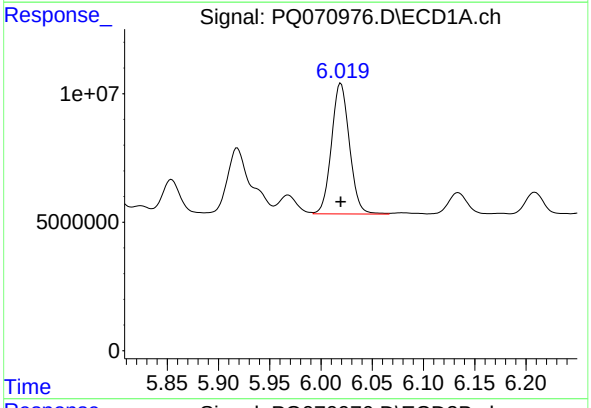
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 34076692
Conc: 264.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



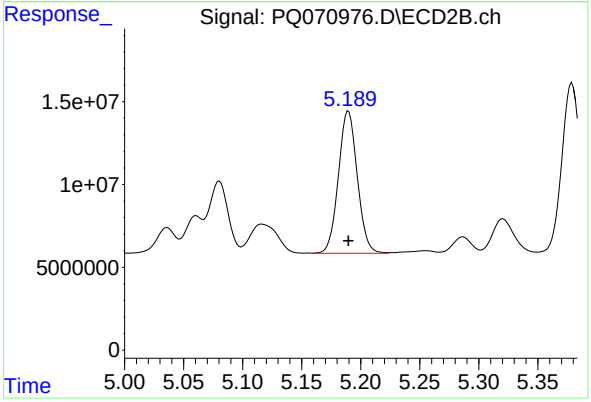
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 51408265
Conc: 269.90 ng/ml



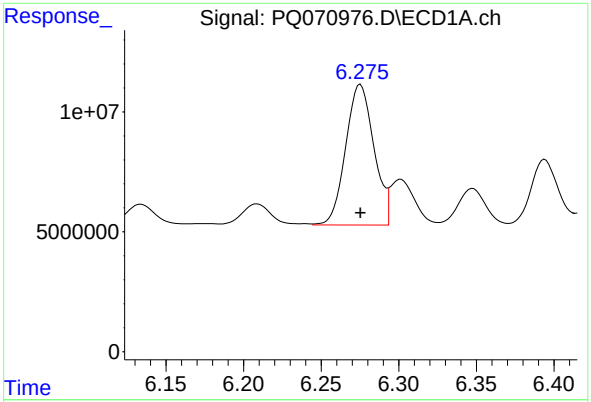
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 61964969
Conc: 265.70 ng/ml



#31 AR-1260-1

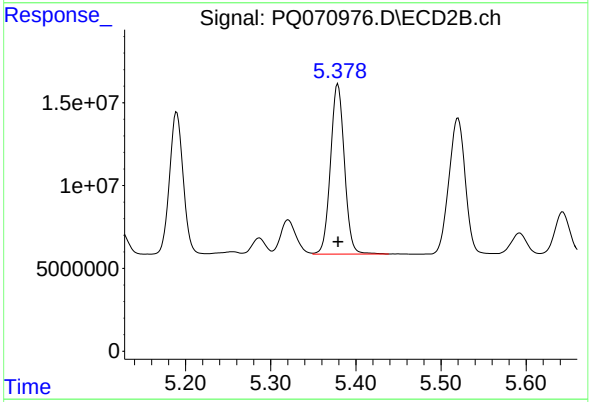
R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 95539541
Conc: 268.60 ng/ml



#32 AR-1260-2

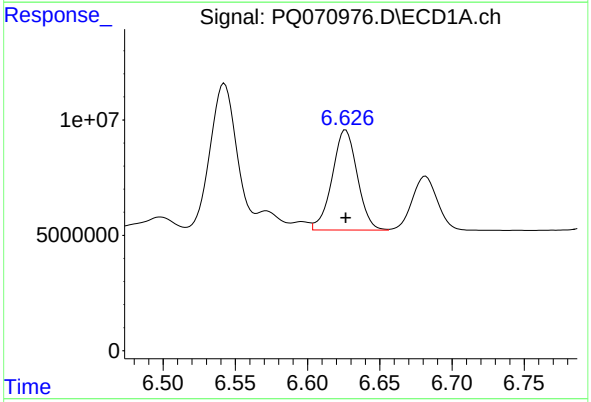
R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 74180101
Conc: 268.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



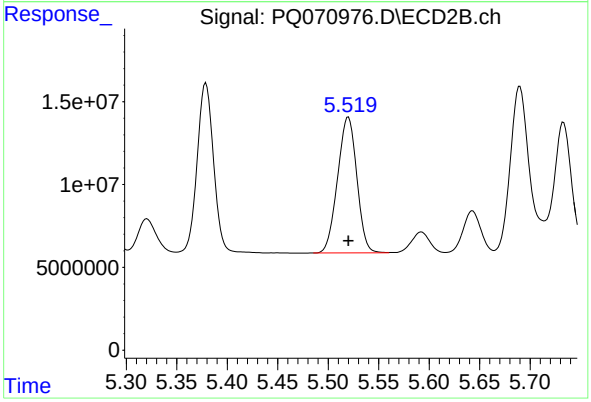
#32 AR-1260-2

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 116697737
Conc: 267.94 ng/ml



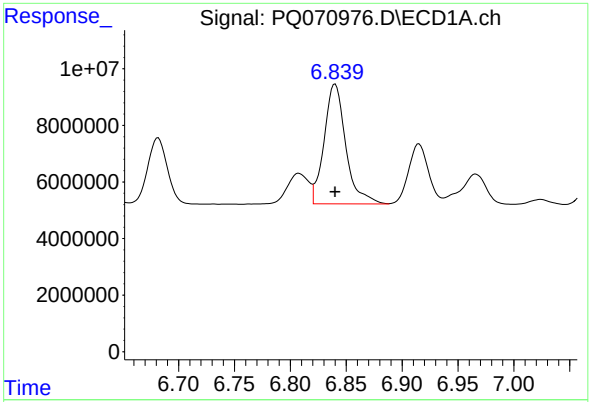
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 52397657
Conc: 265.75 ng/ml



#33 AR-1260-3

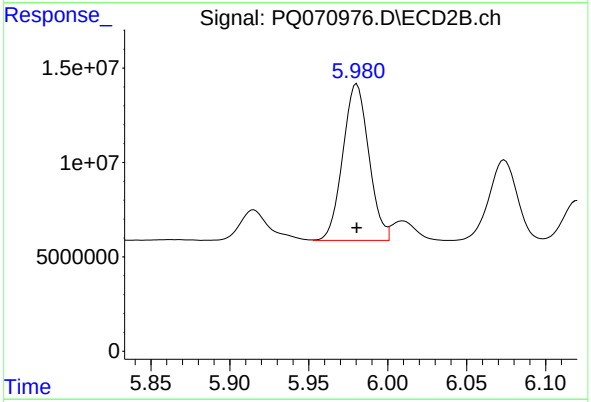
R.T.: 5.520 min
Delta R.T.: 0.000 min
Response: 109012506
Conc: 265.22 ng/ml



#34 AR-1260-4

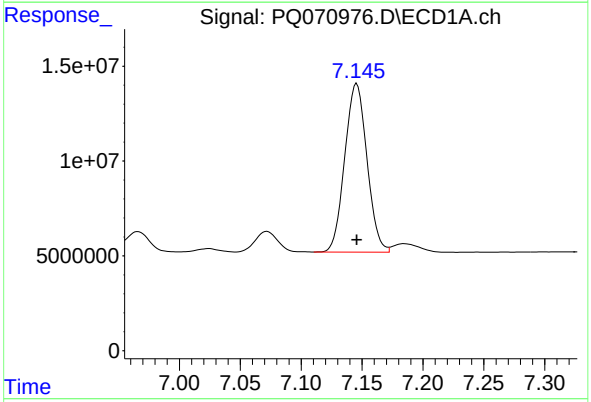
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 57203584
Conc: 266.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC250



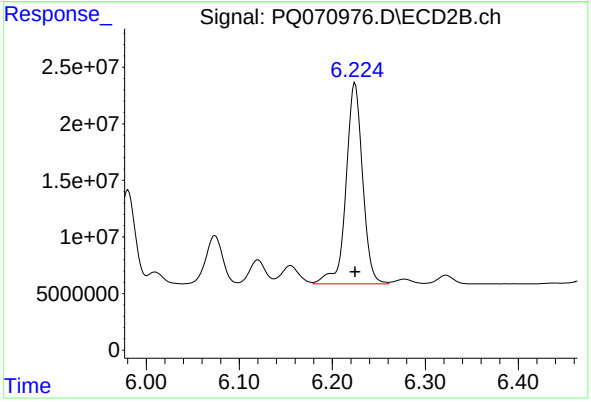
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 95029278
Conc: 266.06 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 112984855
Conc: 260.13 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 220185144
Conc: 262.89 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	21685891	24048483	4.985	4.734
2)	SA Decachlor...	8.495	7.533	14566242	26253649	5.016	5.199
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.778	8082361	11936188	49.239	53.286
4)	L1 AR-1016-2	4.498	3.793	12661786	17601233	49.403	51.750
5)	L1 AR-1016-3	4.557	3.953	7955970	9113143	50.000	50.111
6)	L1 AR-1016-4	4.645	4.002	6347651	8062138	48.855	51.217
7)	L1 AR-1016-5	4.930	4.197	6429669	9865534	49.919	51.425
31)	L7 AR-1260-1	6.019	5.190	11974683	18962286	51.162m	52.614
32)	L7 AR-1260-2	6.274	5.378	13982610	22891919	50.322m	52.028
33)	L7 AR-1260-3	6.626	5.519	10392796	21545658	52.144	51.917
34)	L7 AR-1260-4	6.840	5.980	10804624	18507162	50.281	51.443
35)	L7 AR-1260-5	7.145	6.224	21577675	42558760	49.744	50.648

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070977.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 09:55
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

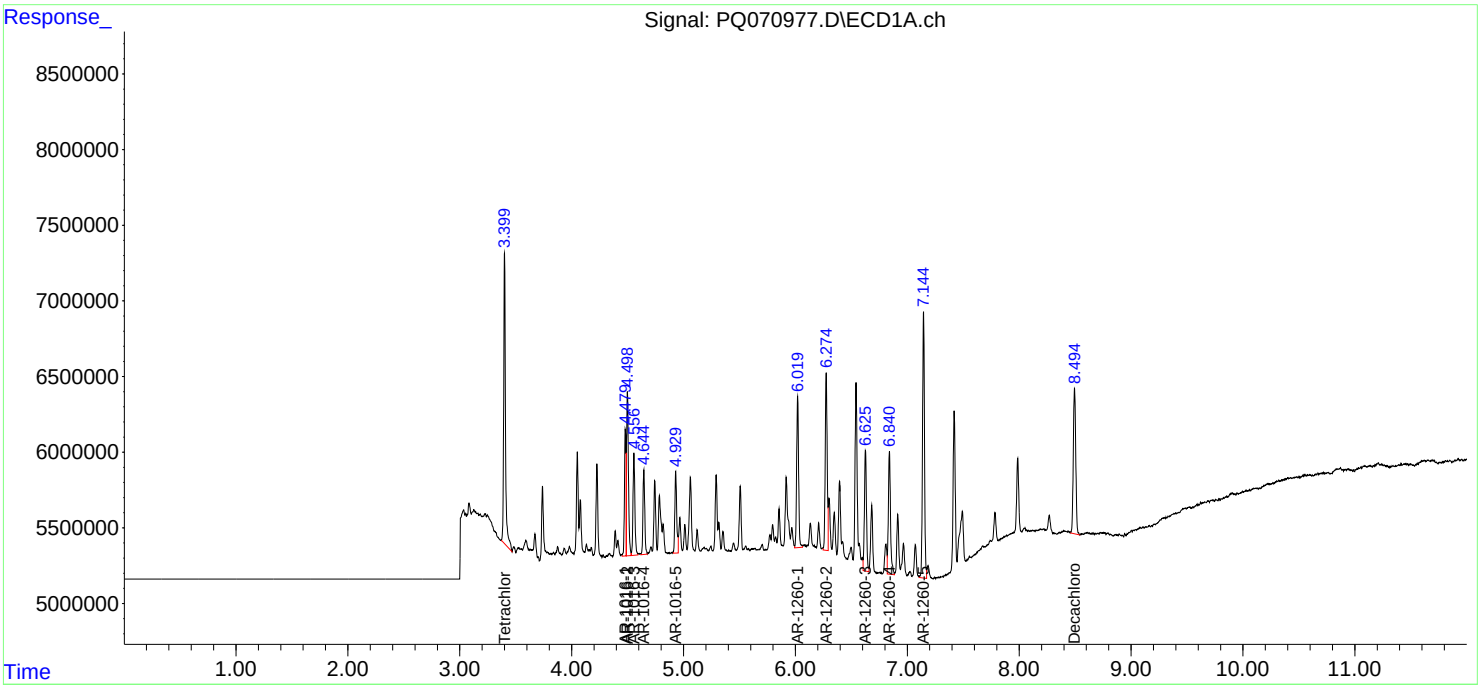
Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

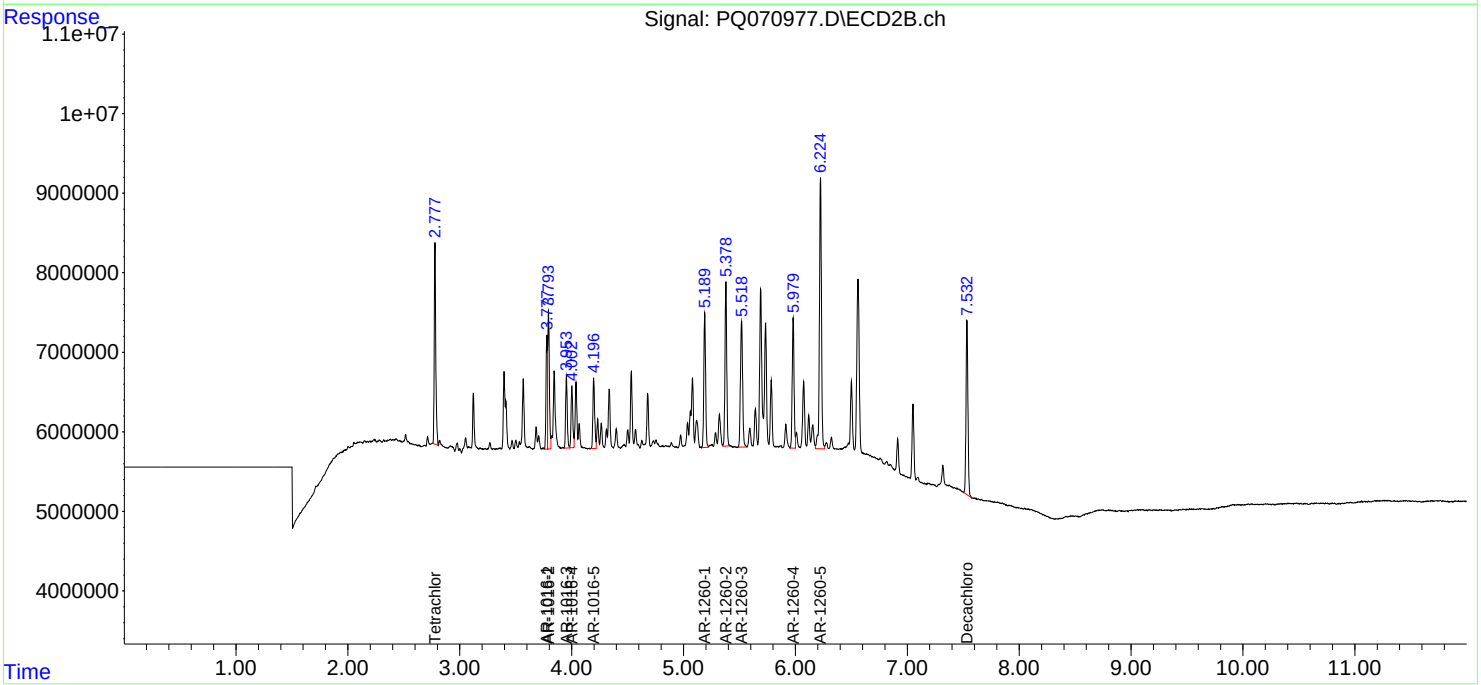
Manual Integrations APPROVED

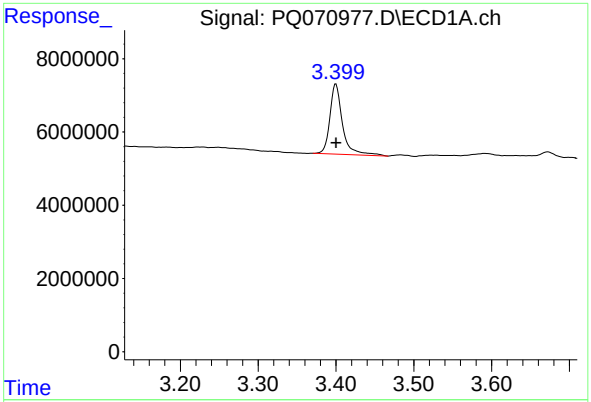
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:05:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 10:49:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







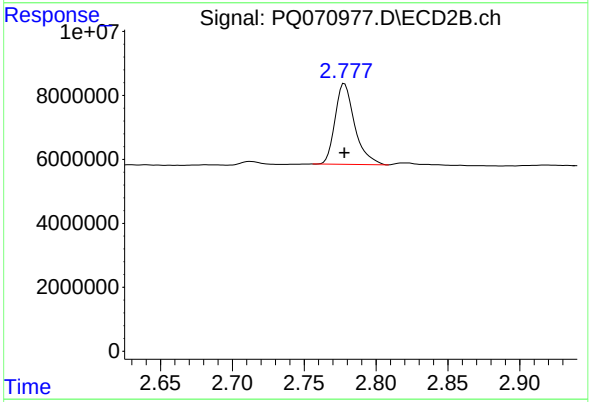
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 21685891
Conc: 4.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

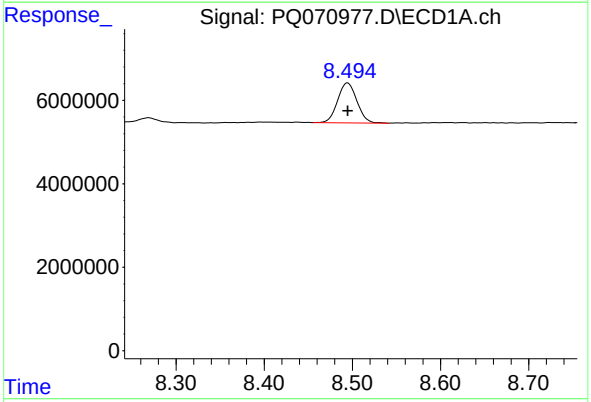
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



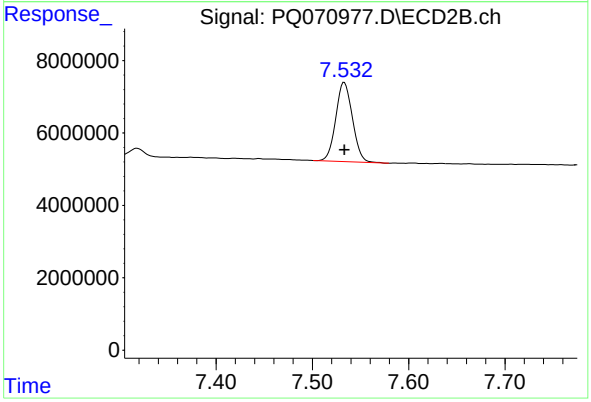
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 24048483
Conc: 4.73 ng/ml



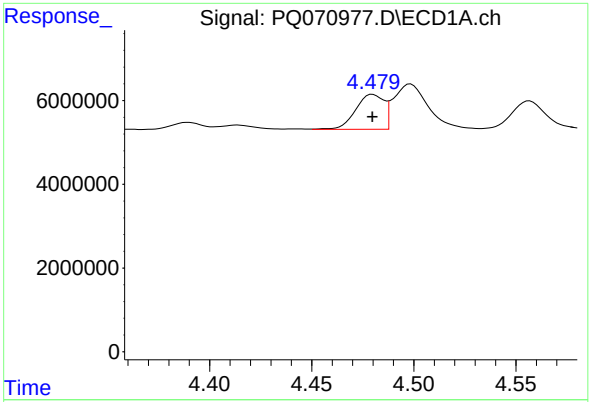
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 14566242
Conc: 5.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26253649
Conc: 5.20 ng/ml



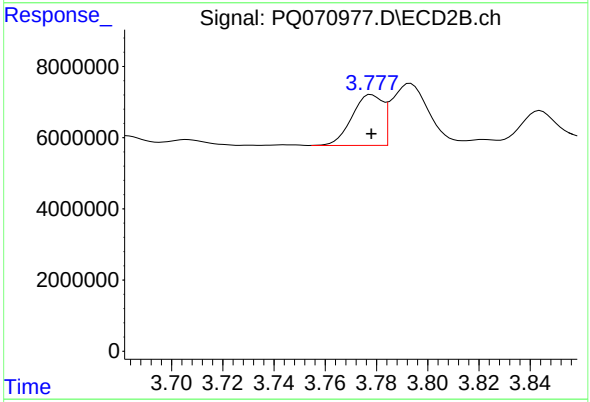
#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 8082361
Conc: 49.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

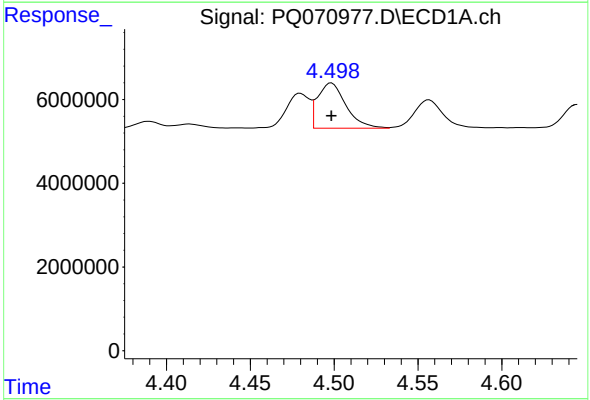
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



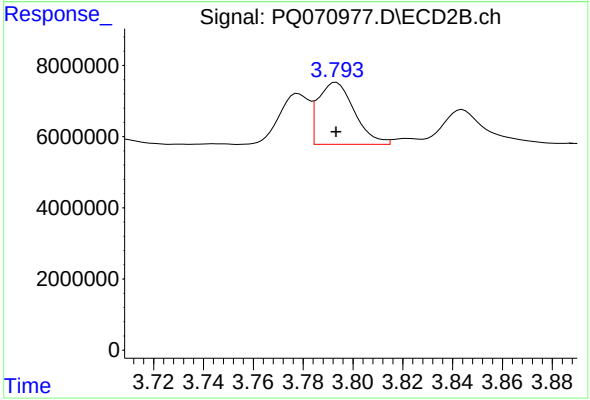
#3 AR-1016-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 11936188
Conc: 53.29 ng/ml



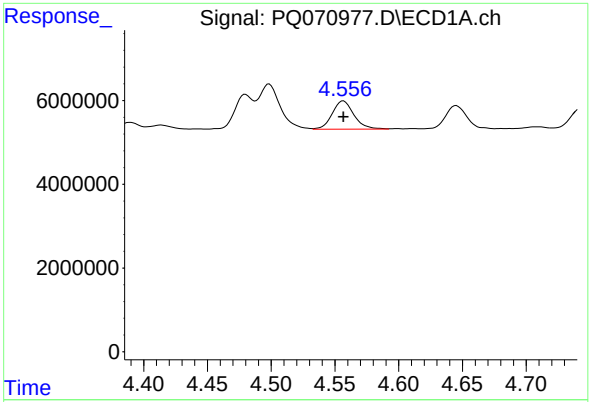
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 12661786
Conc: 49.40 ng/ml



#4 AR-1016-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 17601233
Conc: 51.75 ng/ml



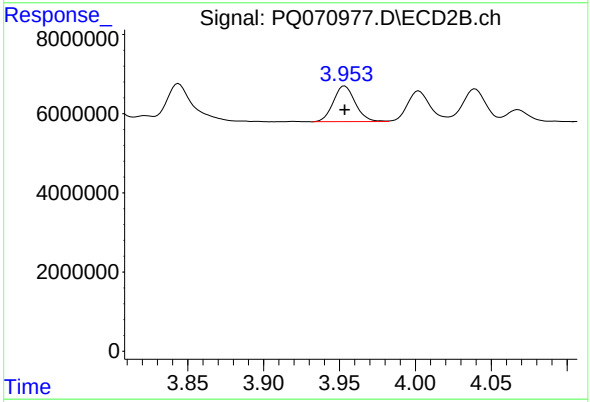
#5 AR-1016-3

R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 7955970
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

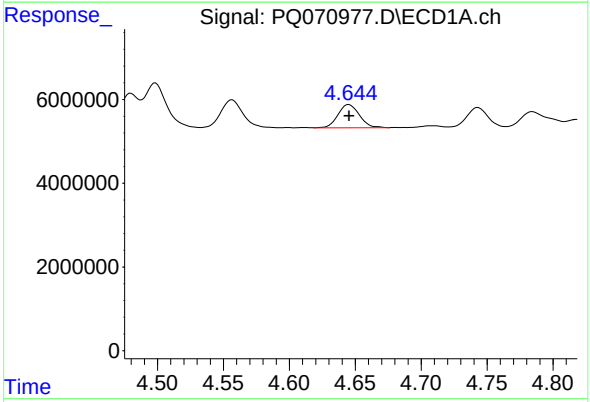
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



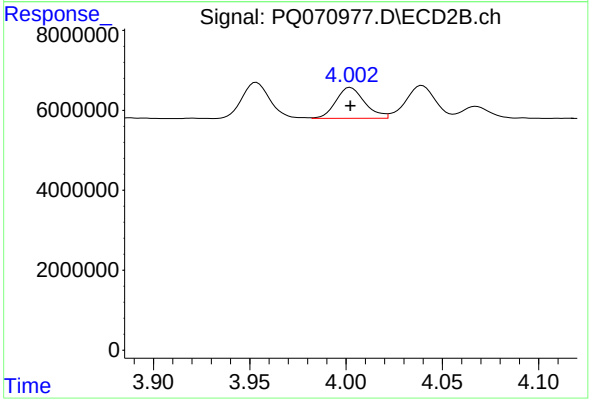
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 9113143
Conc: 50.11 ng/ml



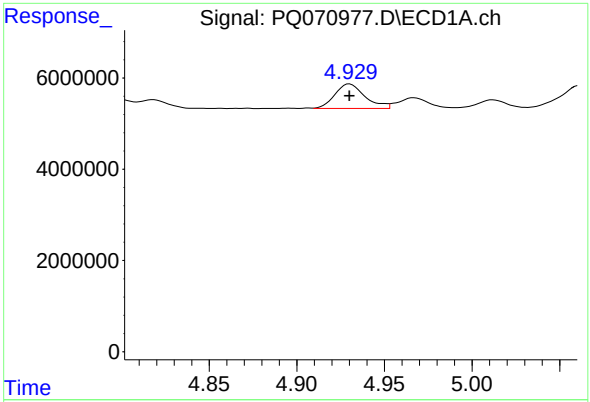
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 6347651
Conc: 48.85 ng/ml



#6 AR-1016-4

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 8062138
Conc: 51.22 ng/ml



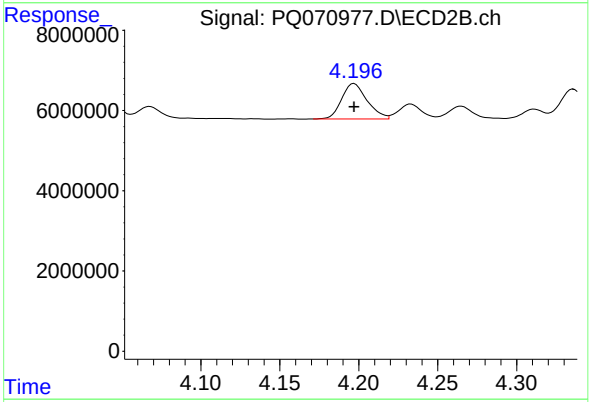
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 6429669
Conc: 49.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

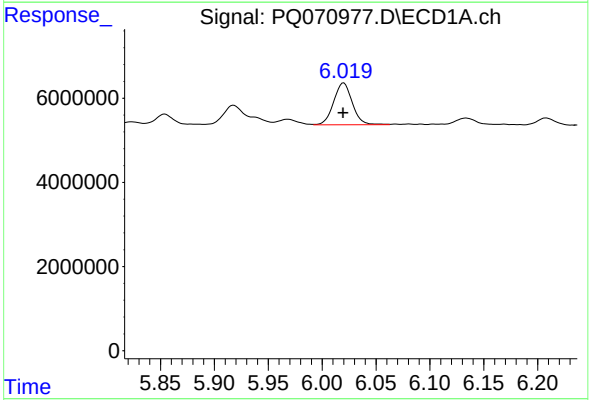
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



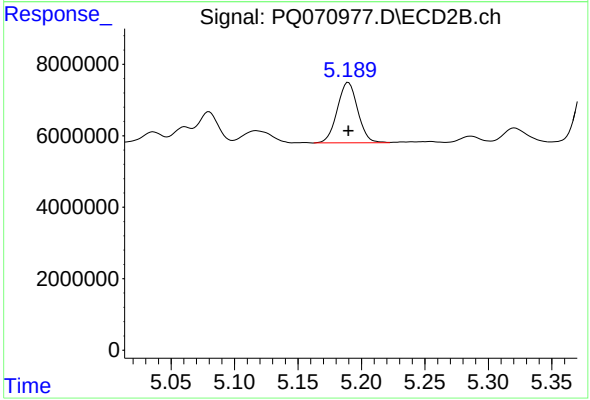
#7 AR-1016-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 9865534
Conc: 51.43 ng/ml



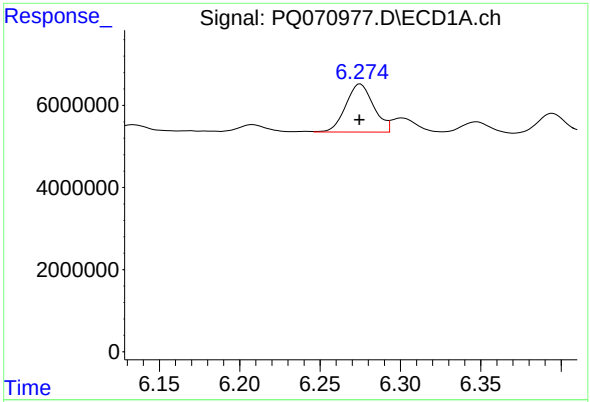
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 11974683
Conc: 51.16 ng/ml m



#31 AR-1260-1

R.T.: 5.190 min
Delta R.T.: 0.000 min
Response: 18962286
Conc: 52.61 ng/ml



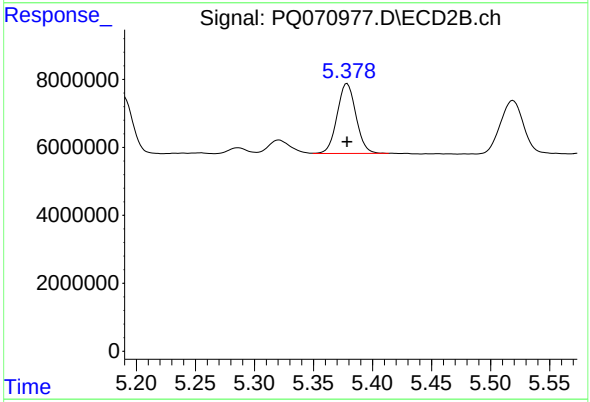
#32 AR-1260-2

R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 13982610
Conc: 50.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

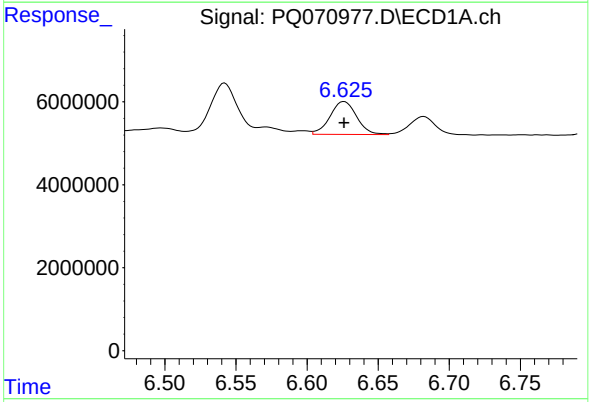
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



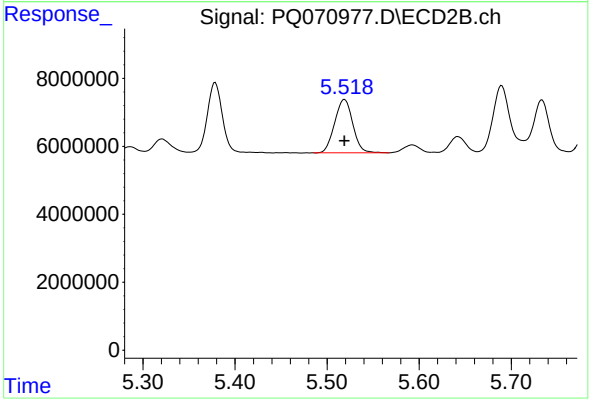
#32 AR-1260-2

R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 22891919
Conc: 52.03 ng/ml



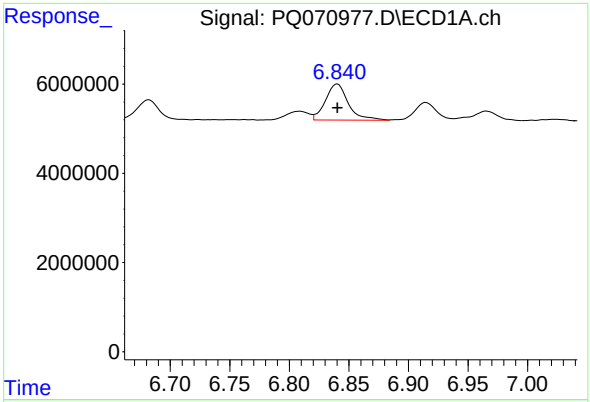
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 10392796
Conc: 52.14 ng/ml



#33 AR-1260-3

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 21545658
Conc: 51.92 ng/ml



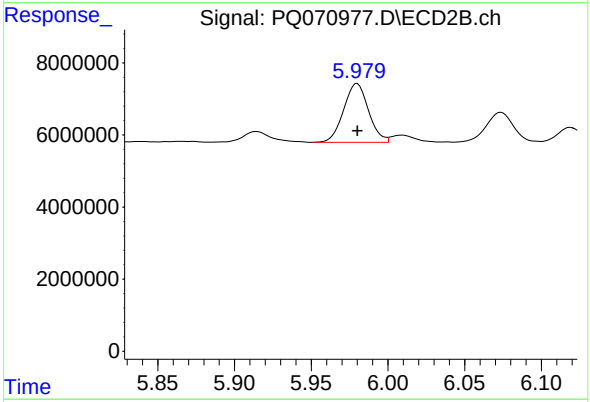
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 10804624
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660ICC050

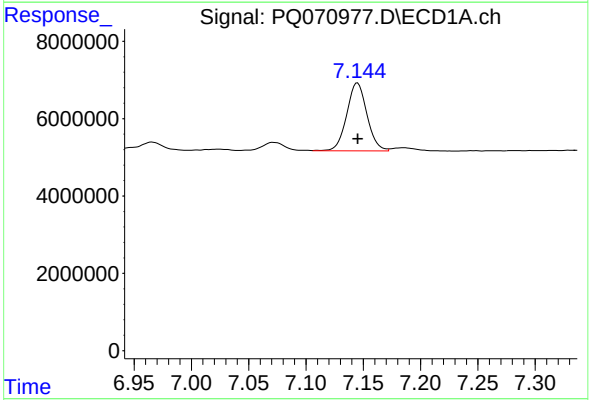
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



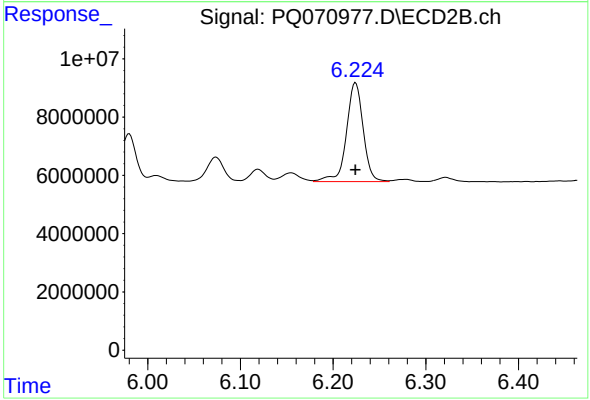
#34 AR-1260-4

R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 18507162
Conc: 51.44 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 21577675
Conc: 49.74 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 42558760
Conc: 50.65 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:55:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	220.4E6	255.3E6	50.000	50.000
2)	SA Decachlor...	8.496	7.534	149.9E6	262.1E6	50.000	50.000
	Target Compounds						
8)	L2 AR-1221-1	3.594	2.977	29595379	36909578	500.000	500.000
9)	L2 AR-1221-2	3.672	3.053	21573372	30001568	500.000	500.000
10)	L2 AR-1221-3	3.739	3.122	66773962	85591891	500.000	500.000

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

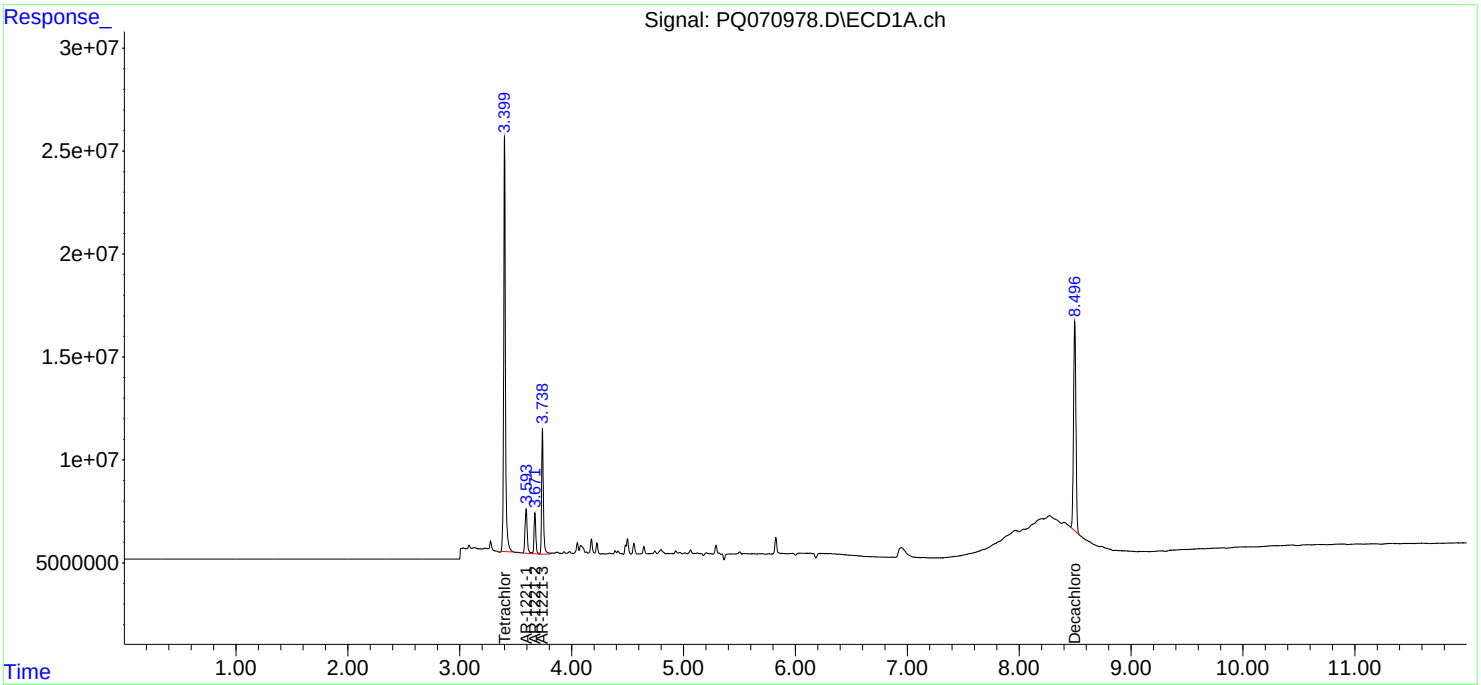
ICAL Form

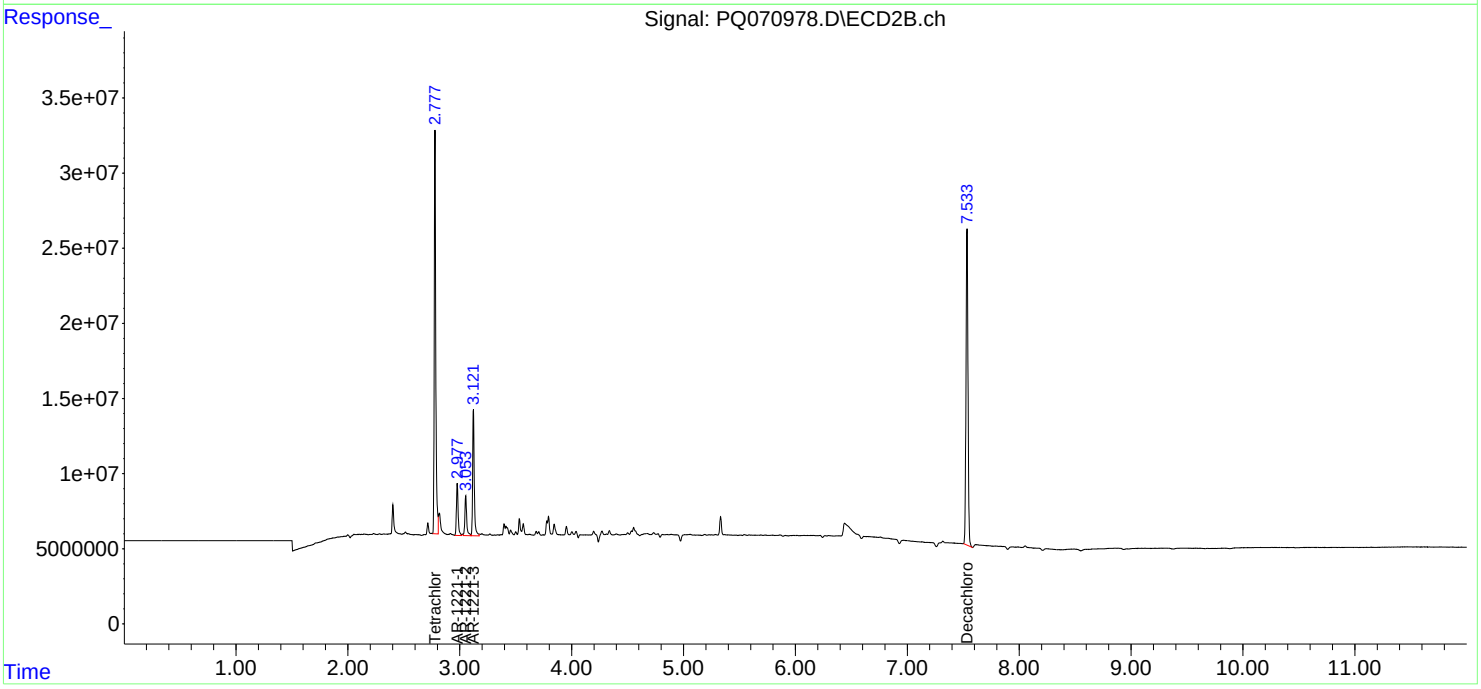
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070978.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:09
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

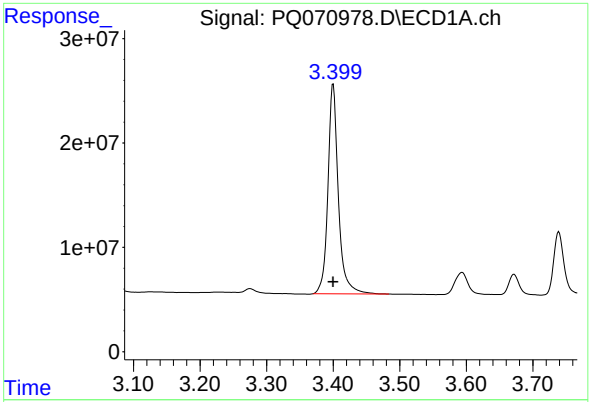
Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 11:55:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



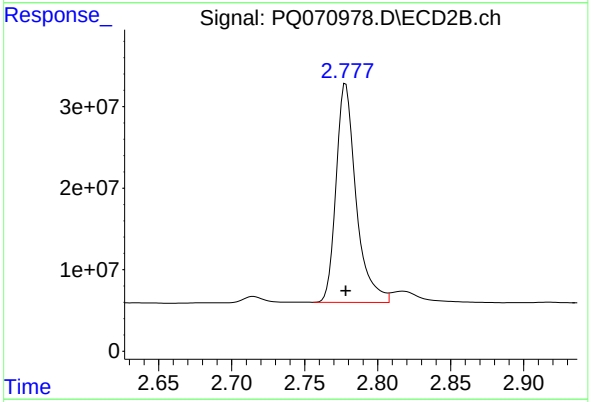




#1 Tetrachloro-m-xylene

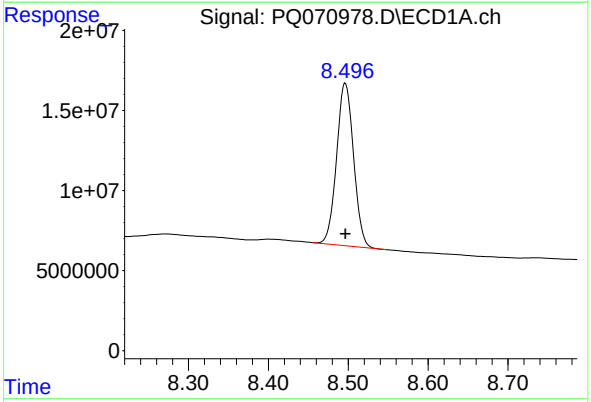
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 220369967
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



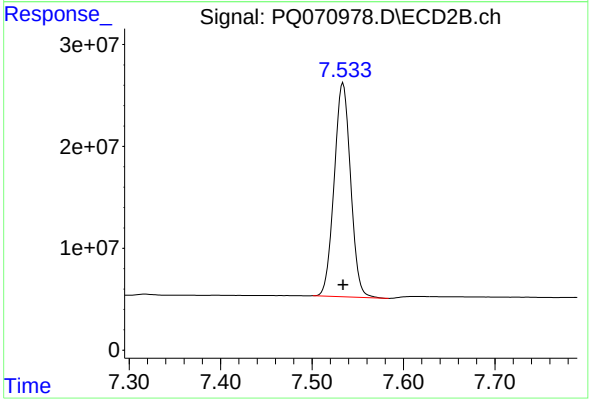
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 255300945
Conc: 50.00 ng/ml



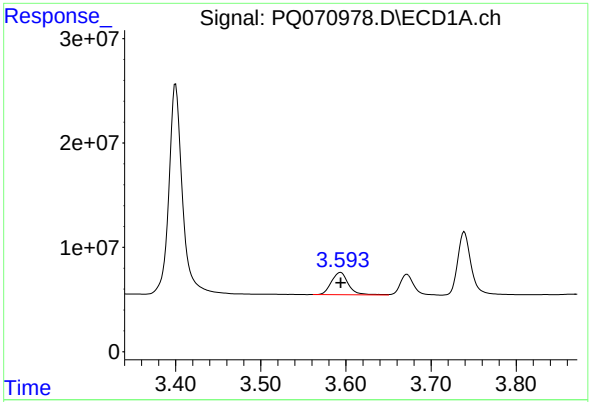
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 149874496
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

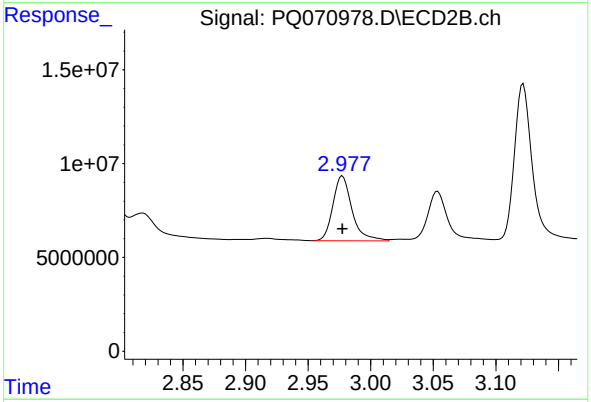
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 262139791
Conc: 50.00 ng/ml



#8 AR-1221-1

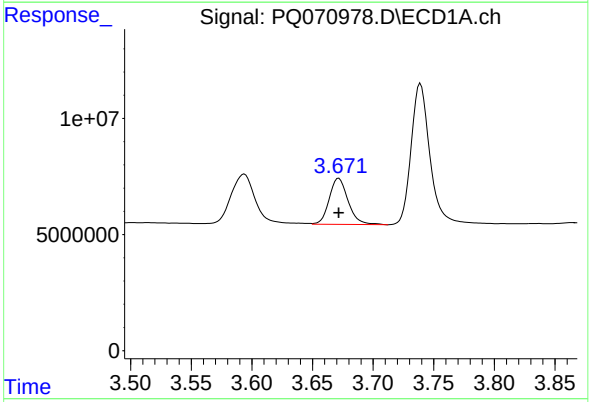
R.T.: 3.594 min
Delta R.T.: 0.000 min
Response: 29595379
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



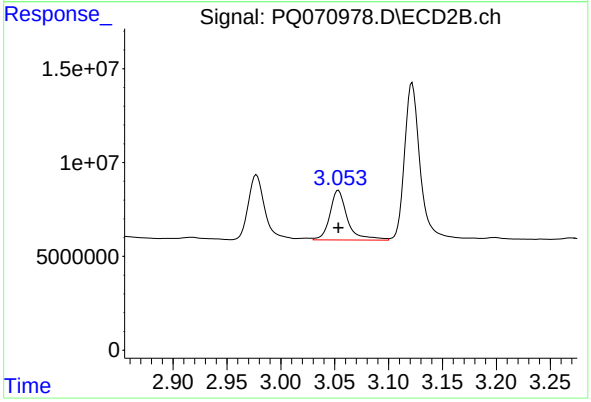
#8 AR-1221-1

R.T.: 2.977 min
Delta R.T.: 0.000 min
Response: 36909578
Conc: 500.00 ng/ml



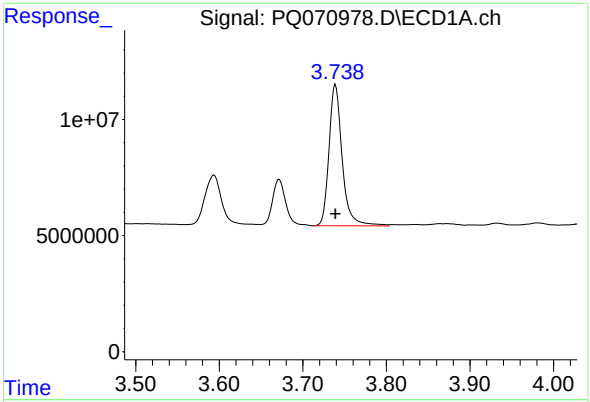
#9 AR-1221-2

R.T.: 3.672 min
Delta R.T.: 0.000 min
Response: 21573372
Conc: 500.00 ng/ml



#9 AR-1221-2

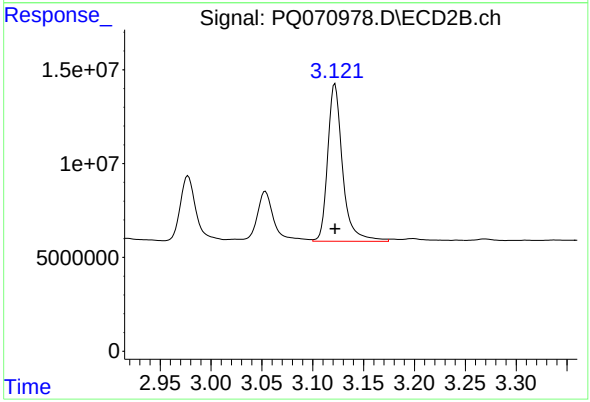
R.T.: 3.053 min
Delta R.T.: 0.000 min
Response: 30001568
Conc: 500.00 ng/ml



#10 AR-1221-3

R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 66773962
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 3.122 min
Delta R.T.: 0.000 min
Response: 85591891
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	234.5E6	276.3E6	50.000	50.000
2)	SA Decachlor...	8.497	7.534	163.6E6	280.6E6	50.000	50.000
	Target Compounds						
11)	L3 AR-1232-1	3.739	3.121	54474047	69671226	500.000	500.000
12)	L3 AR-1232-2	4.226	3.793	28751418	69449831	500.000	500.000
13)	L3 AR-1232-3	4.499	3.953	53549480	36725094	500.000	500.000
14)	L3 AR-1232-4	4.646	4.039	27007118	31517168	500.000	500.000
15)	L3 AR-1232-5	4.785	4.197	21856633	35803624	500.000	500.000

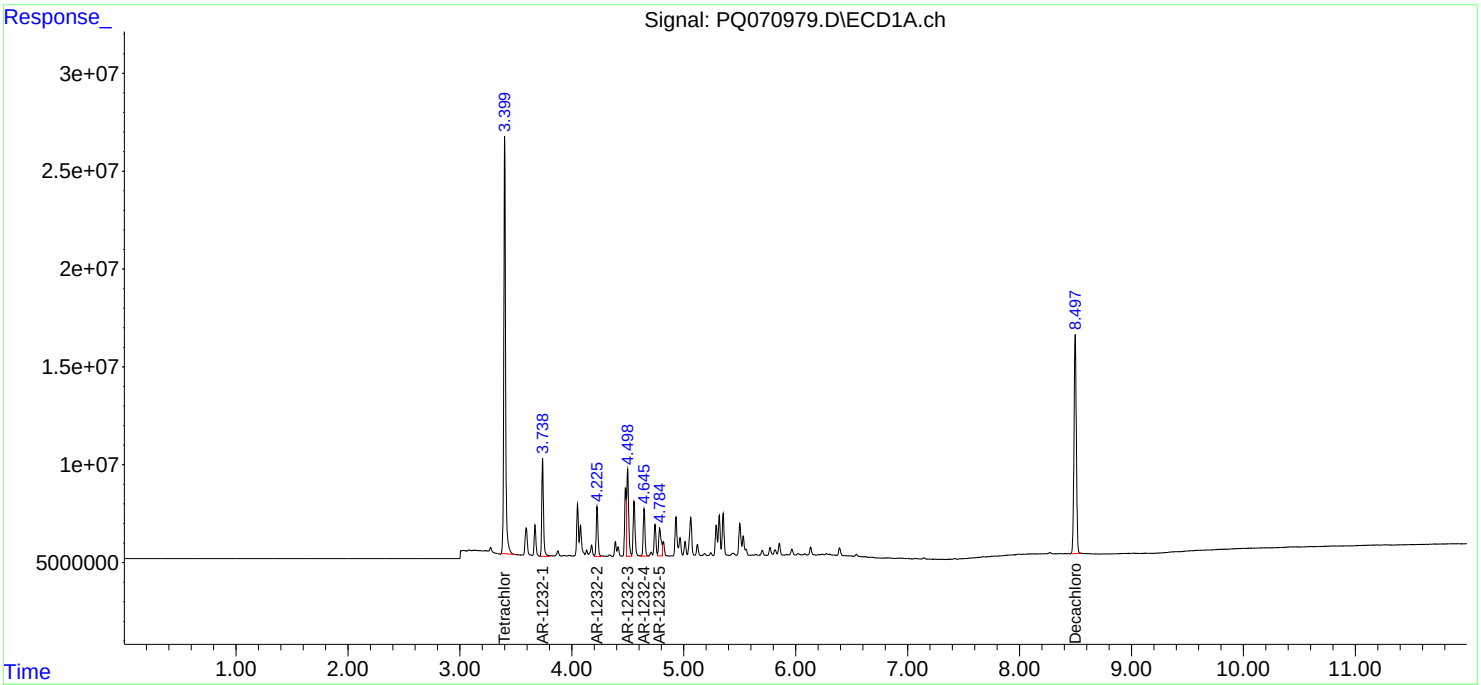
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

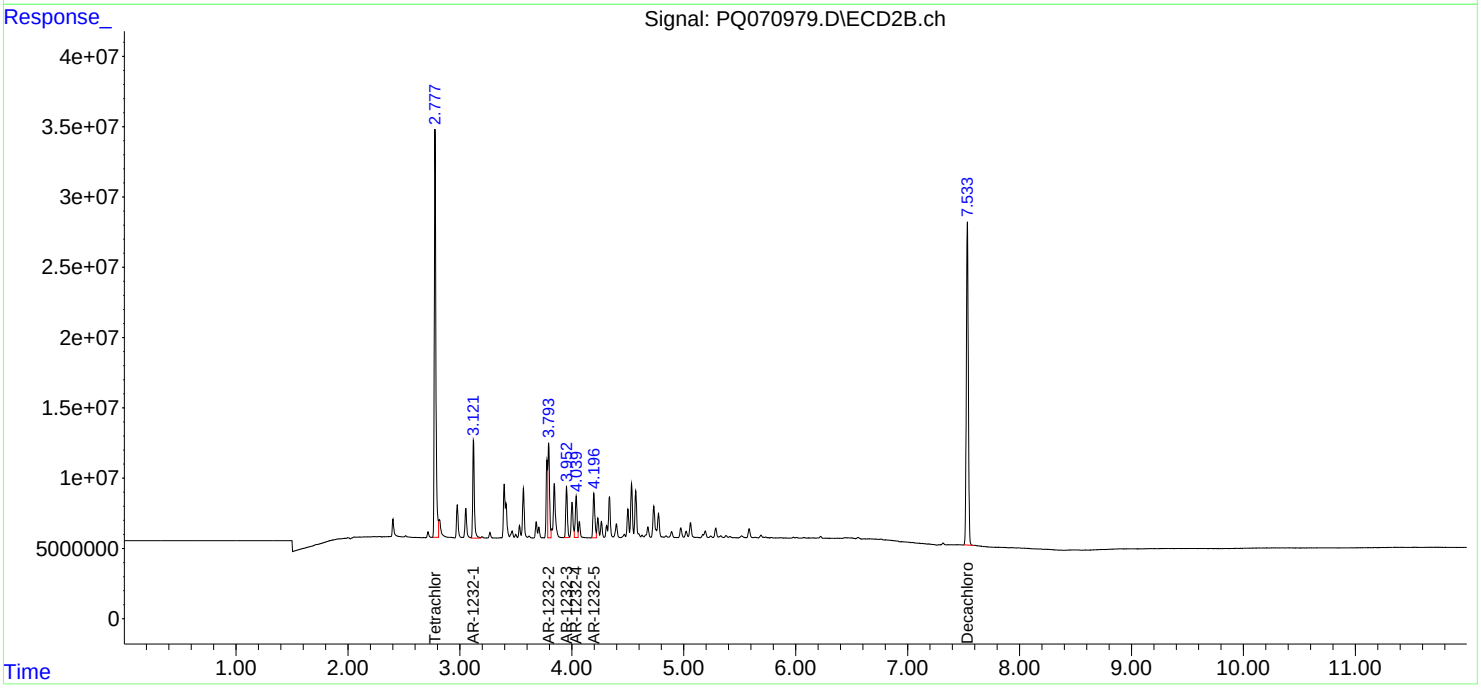
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:24
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

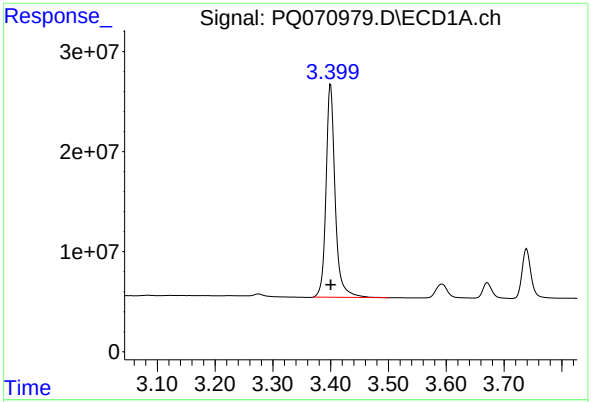
Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:00:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 11:55:37 2025
Response via : Initial Calibration
Integrator: ChemStation

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



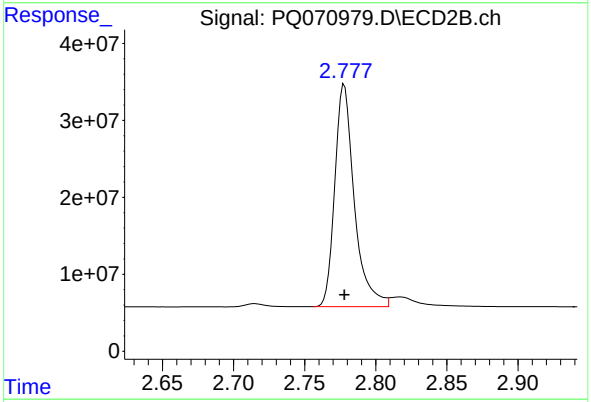




#1 Tetrachloro-m-xylene

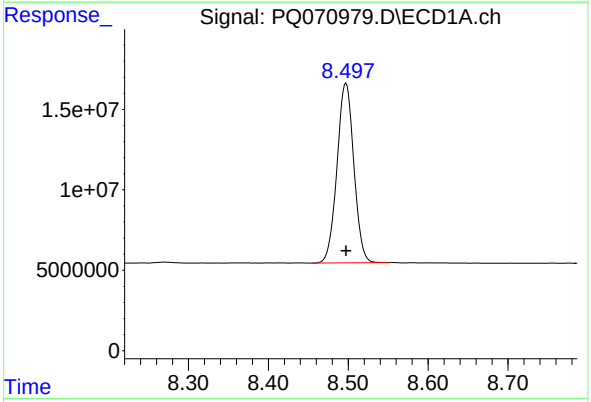
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 234547177
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



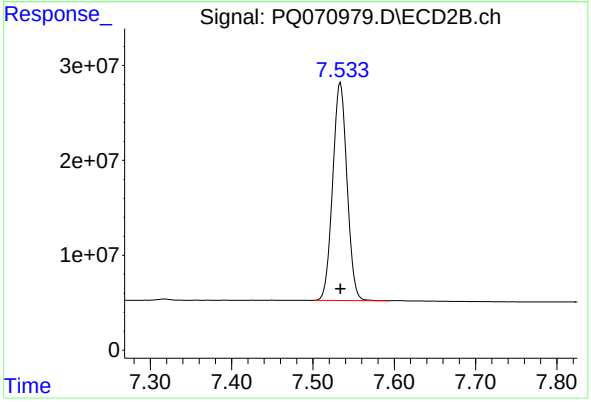
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 276348863
Conc: 50.00 ng/ml



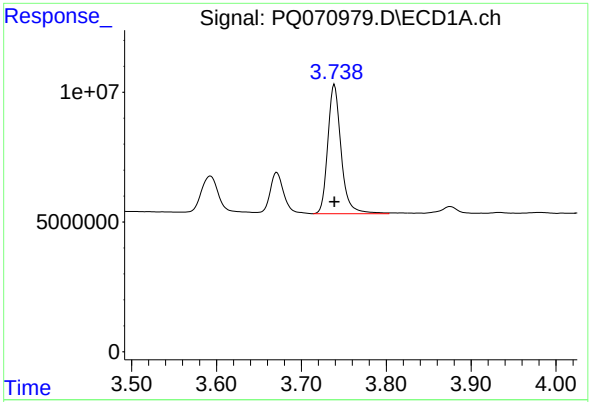
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 163612084
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

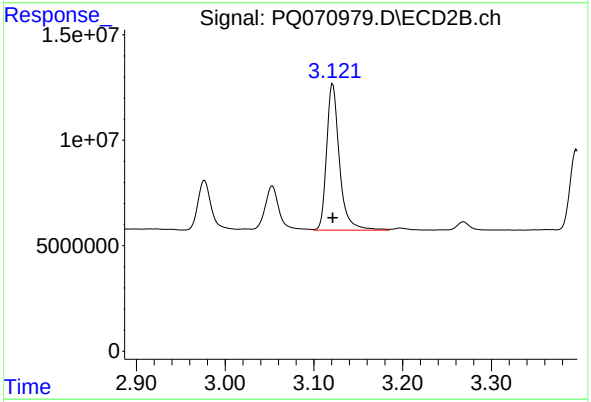
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 280551433
Conc: 50.00 ng/ml



#11 AR-1232-1

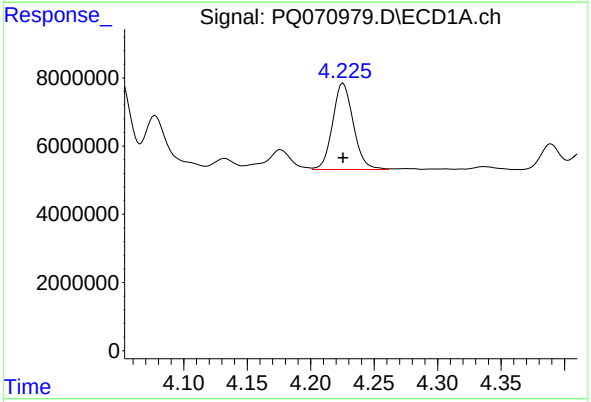
R.T.: 3.739 min
Delta R.T.: 0.000 min
Response: 54474047
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



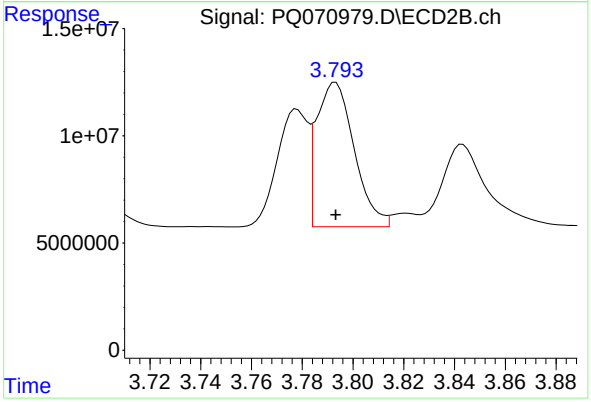
#11 AR-1232-1

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 69671226
Conc: 500.00 ng/ml



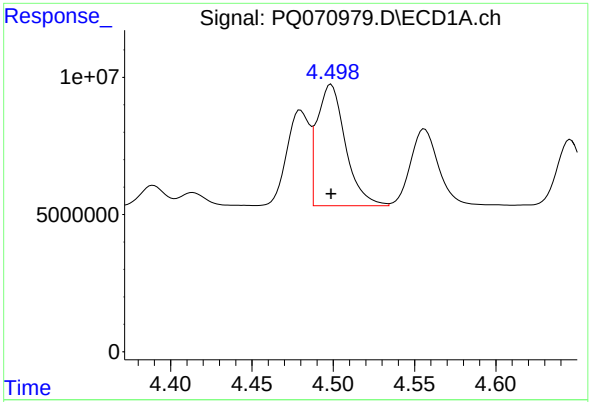
#12 AR-1232-2

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 28751418
Conc: 500.00 ng/ml



#12 AR-1232-2

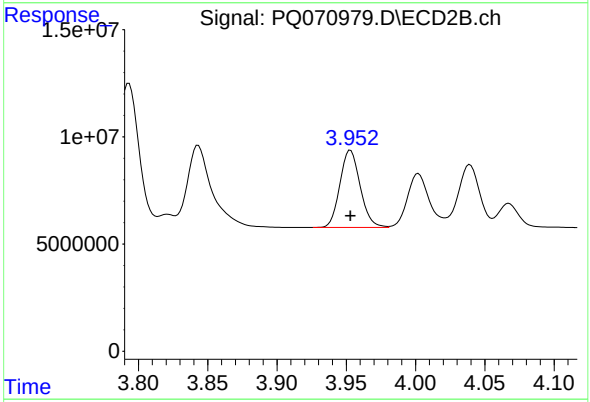
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 69449831
Conc: 500.00 ng/ml



#13 AR-1232-3

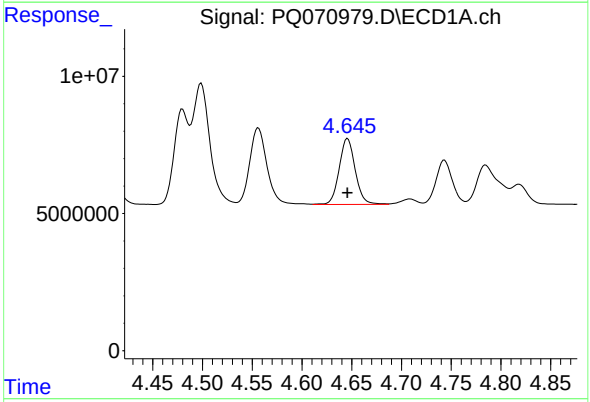
R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 53549480
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



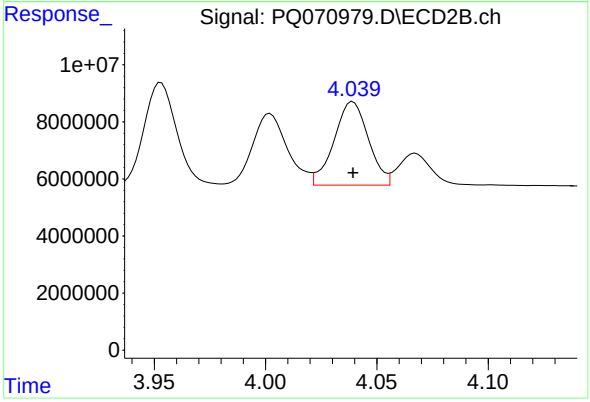
#13 AR-1232-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 36725094
Conc: 500.00 ng/ml



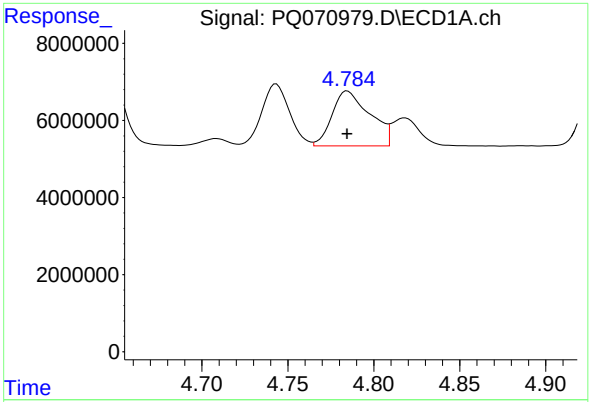
#14 AR-1232-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 27007118
Conc: 500.00 ng/ml



#14 AR-1232-4

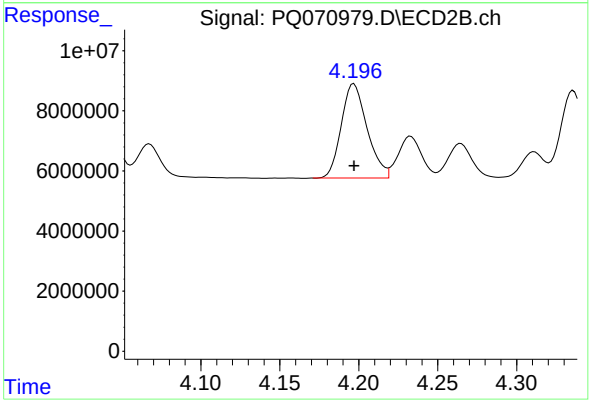
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 31517168
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 4.785 min
Delta R.T.: 0.000 min
Response: 21856633
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1232ICC500



#15 AR-1232-5

R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 35803624
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:08:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	444.2E6	551.1E6	98.001	98.092
2)	SA Decachlor...	8.495	7.534	308.3E6	519.5E6	95.801	96.097
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	117.9E6	149.1E6	983.375	964.120
17)	L4 AR-1242-2	4.499	3.793	179.2E6	228.4E6	959.238	966.879
18)	L4 AR-1242-3	4.556	3.953	111.3E6	123.3E6	959.357	965.452
19)	L4 AR-1242-4	4.646	4.039	91702396	107.9E6	962.012	943.887
20)	L4 AR-1242-5	5.349	4.534	63322787	175.3E6	867.188	999.788

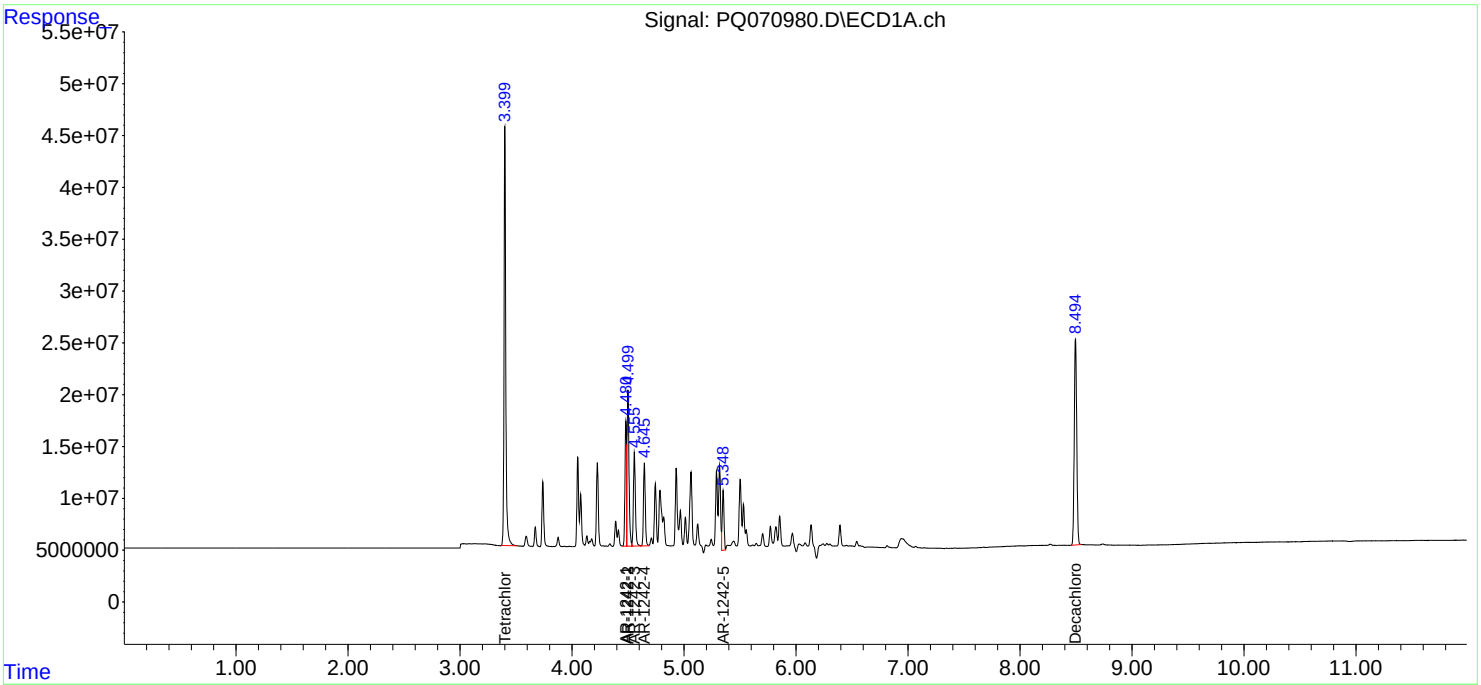
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

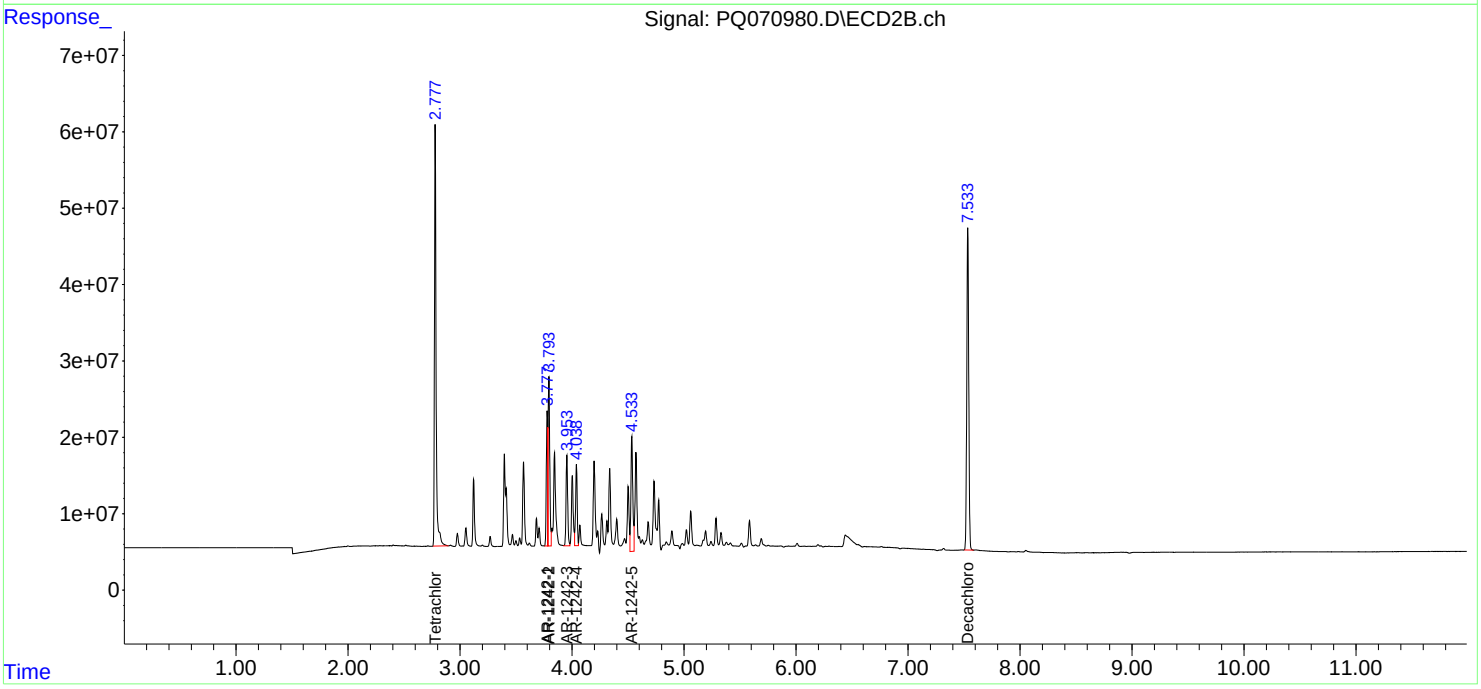
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070980.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:38
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

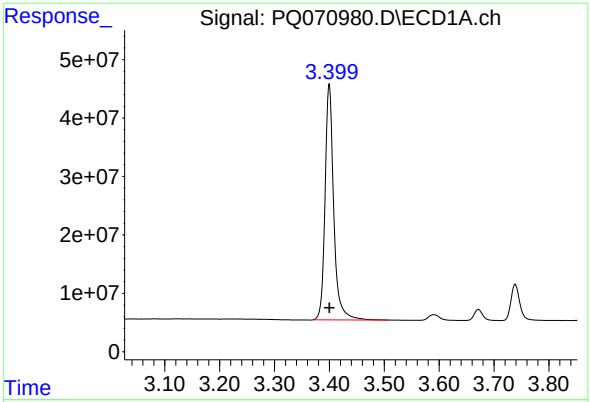
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:08:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



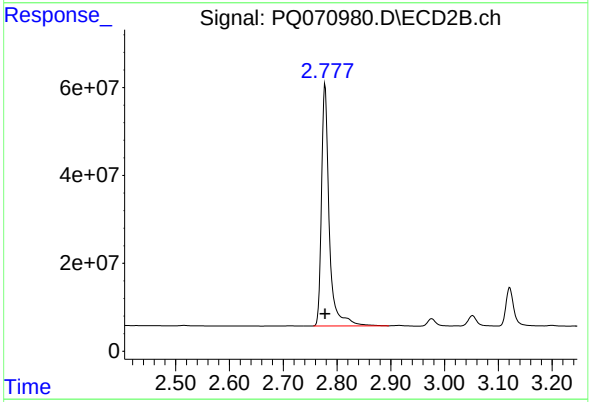




#1 Tetrachloro-m-xylene

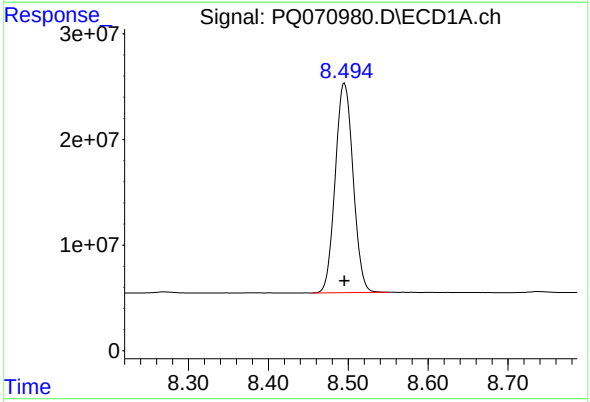
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444189301
Conc: 98.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



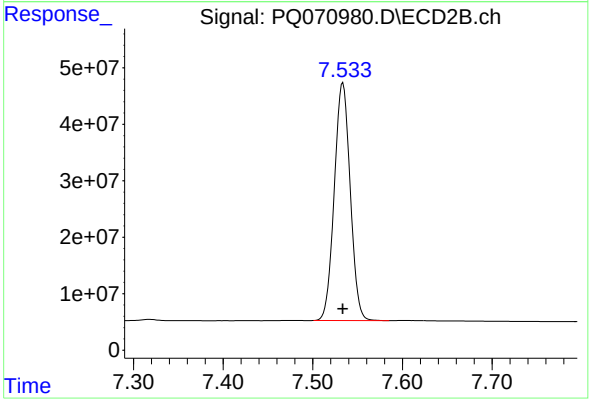
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 551110354
Conc: 98.09 ng/ml



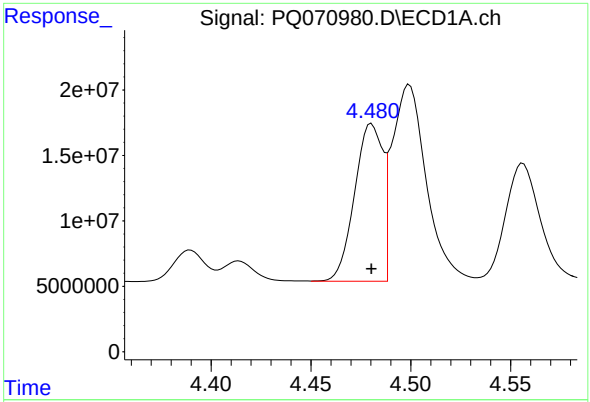
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 308256864
Conc: 95.80 ng/ml



#2 Decachlorobiphenyl

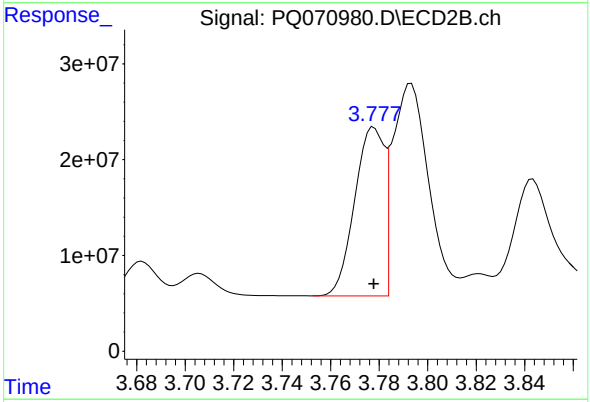
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 519455740
Conc: 96.10 ng/ml



#16 AR-1242-1

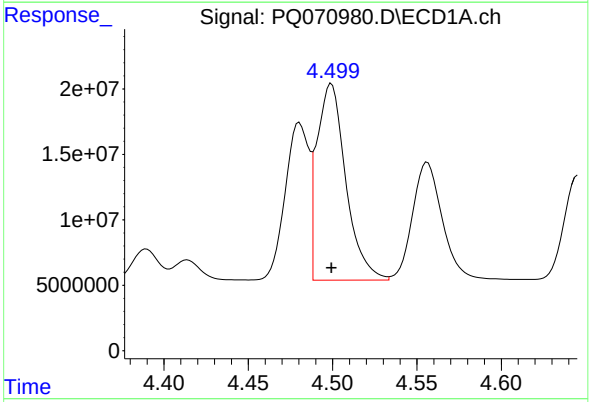
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 117929900
Conc: 983.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



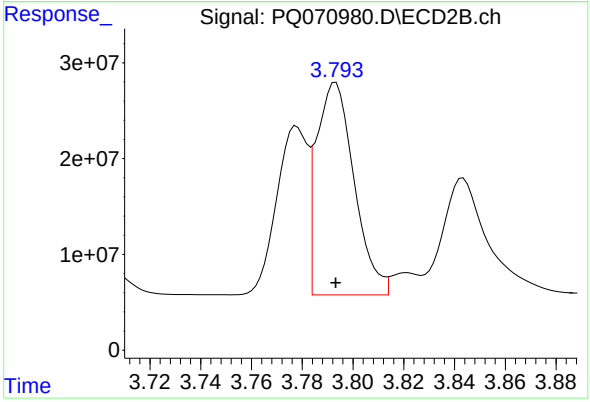
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 149120136
Conc: 964.12 ng/ml



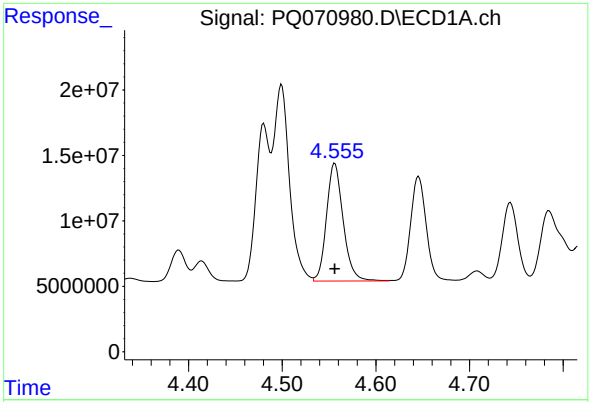
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 179238730
Conc: 959.24 ng/ml



#17 AR-1242-2

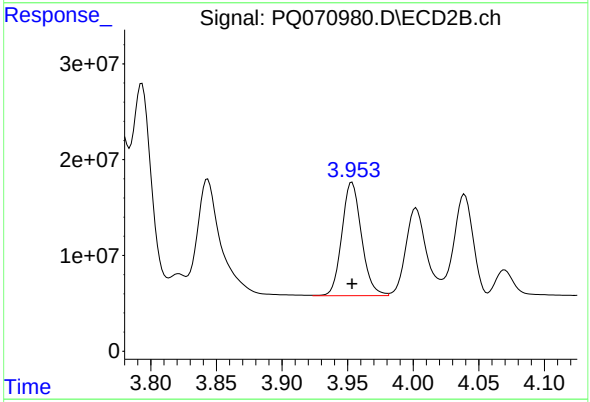
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 228406508
Conc: 966.88 ng/ml



#18 AR-1242-3

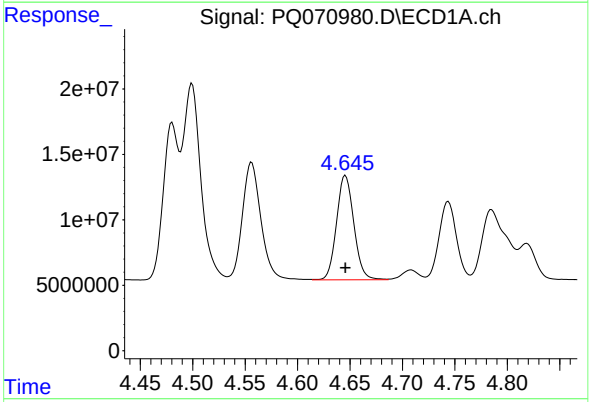
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 111298009
Conc: 959.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



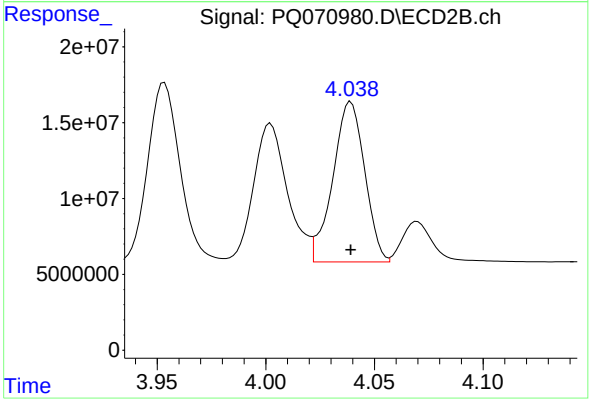
#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 123267302
Conc: 965.45 ng/ml



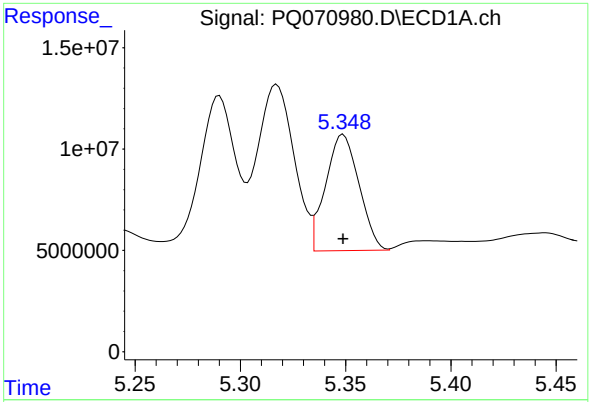
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 91702396
Conc: 962.01 ng/ml



#19 AR-1242-4

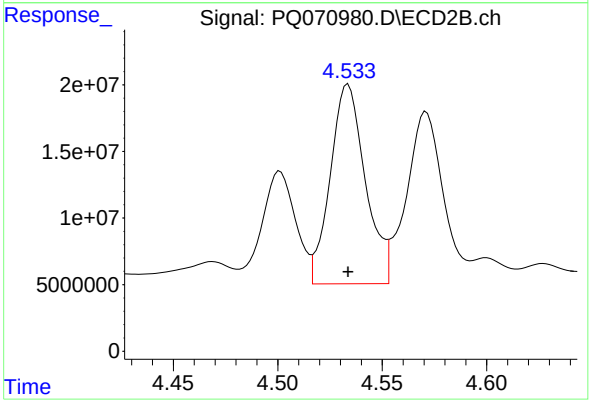
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 107929318
Conc: 943.89 ng/ml



#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 63322787
Conc: 867.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 175313049
Conc: 999.79 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	343.3E6	428.5E6	75.493	75.838
2)	SA Decachlor...	8.496	7.534	243.3E6	411.2E6	75.399	75.716
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	90376185	120.3E6	752.406	768.194
17)	L4 AR-1242-2	4.498	3.794	141.6E6	178.3E6	755.086	753.183
18)	L4 AR-1242-3	4.556	3.954	87949114	98835228	755.378	765.893
19)	L4 AR-1242-4	4.646	4.039	73032215	85057385	760.690	745.897
20)	L4 AR-1242-5	5.348	4.534	50322958	147.0E6	708.312	806.708

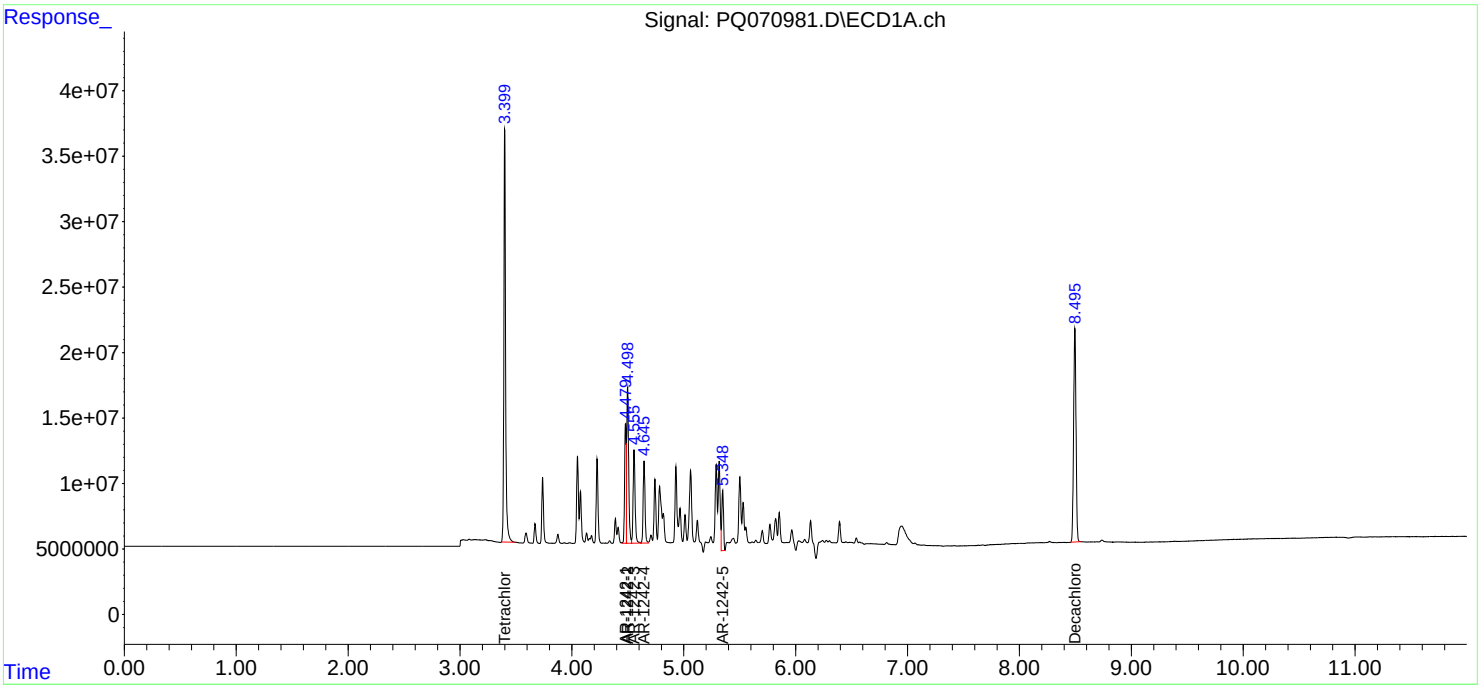
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

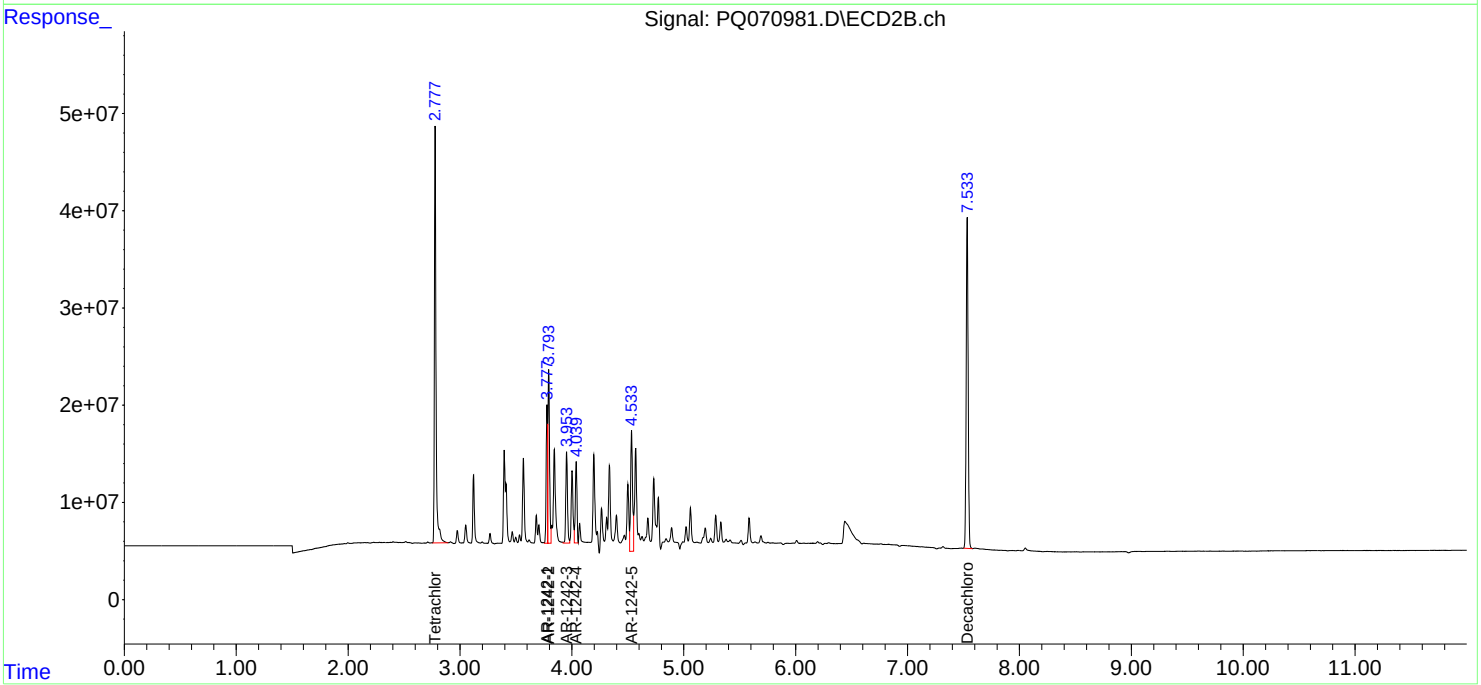
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070981.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 10:53
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

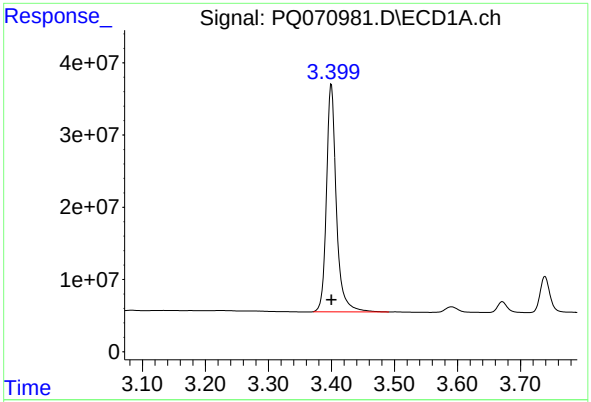
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:12:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



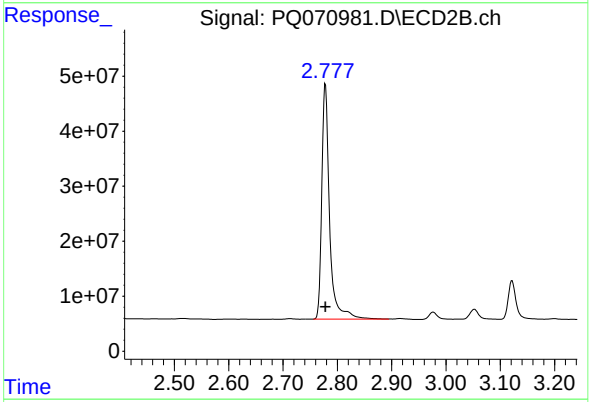




#1 Tetrachloro-m-xylene

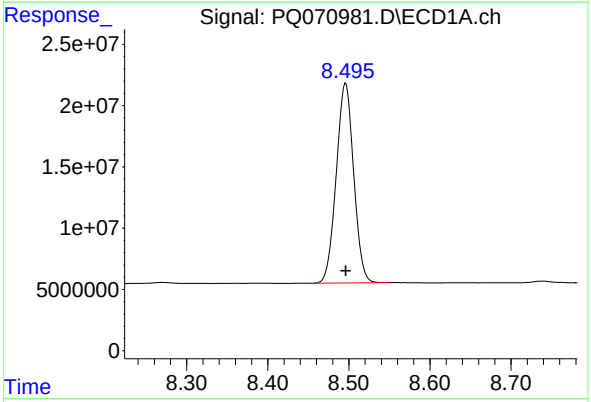
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 343296796
Conc: 75.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



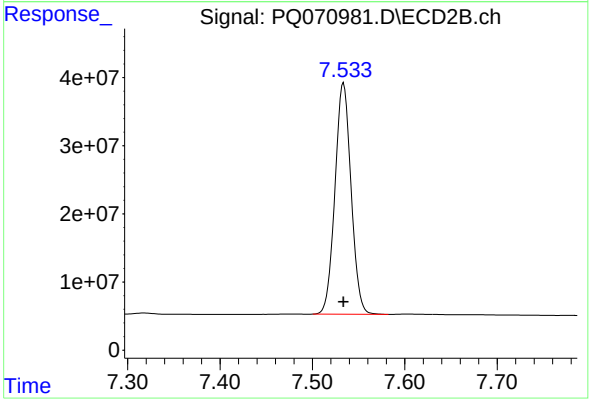
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 428474190
Conc: 75.84 ng/ml



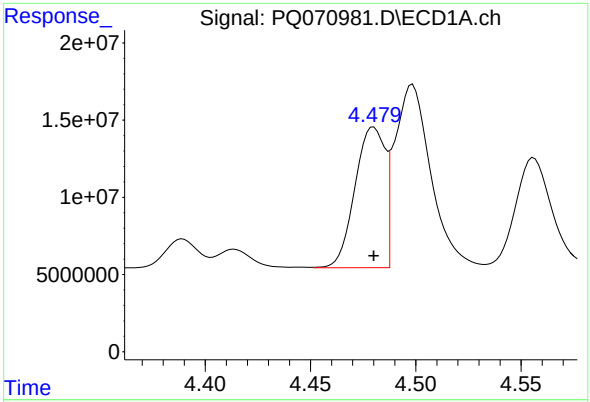
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 243255520
Conc: 75.40 ng/ml



#2 Decachlorobiphenyl

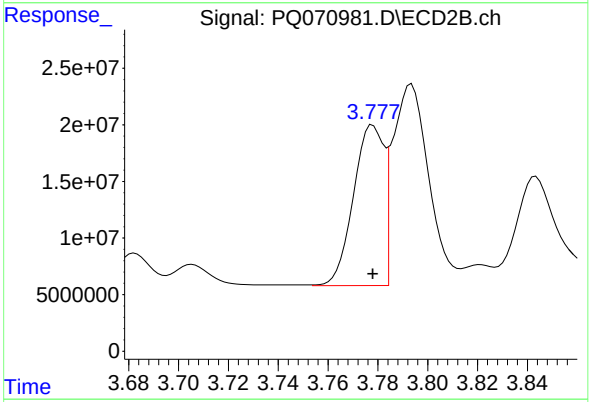
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 411249267
Conc: 75.72 ng/ml



#16 AR-1242-1

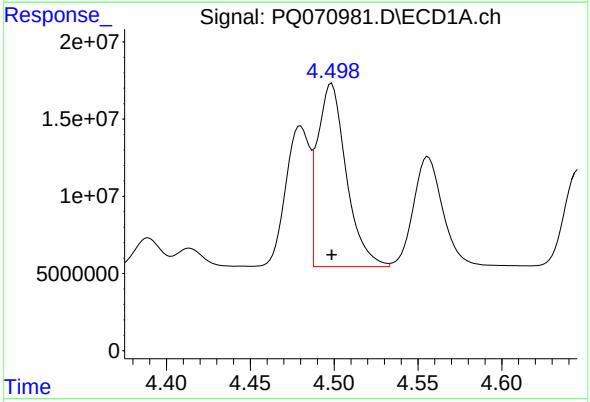
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 90376185
Conc: 752.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



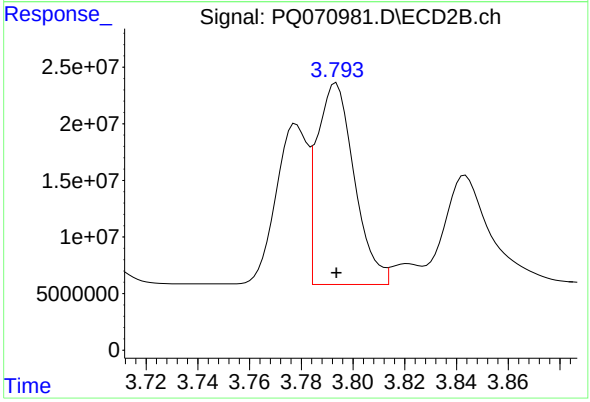
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 120275140
Conc: 768.19 ng/ml



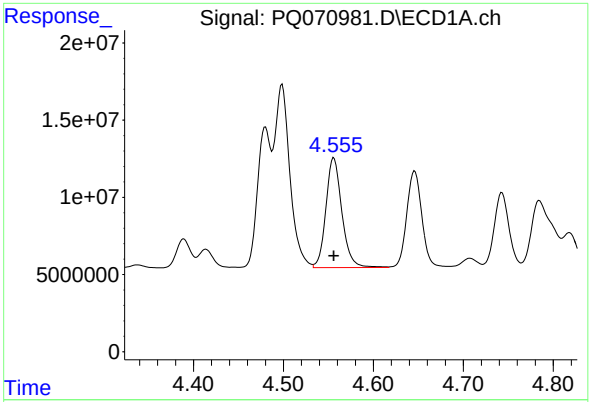
#17 AR-1242-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 141571716
Conc: 755.09 ng/ml



#17 AR-1242-2

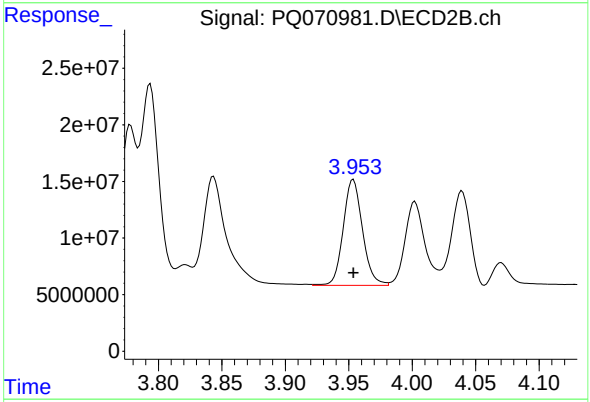
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 178303451
Conc: 753.18 ng/ml



#18 AR-1242-3

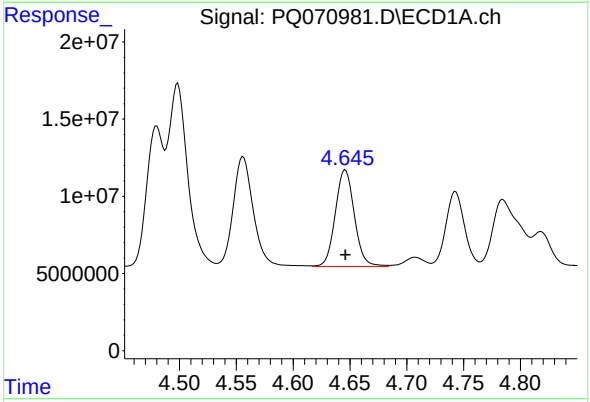
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 87949114
Conc: 755.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



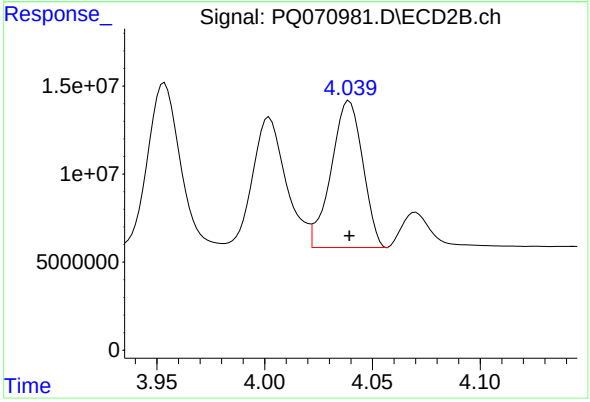
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 98835228
Conc: 765.89 ng/ml



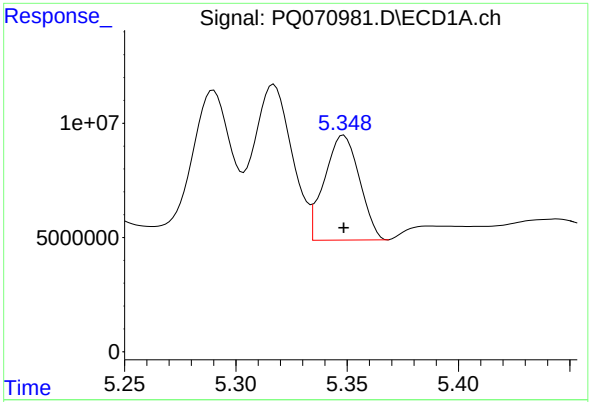
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 73032215
Conc: 760.69 ng/ml



#19 AR-1242-4

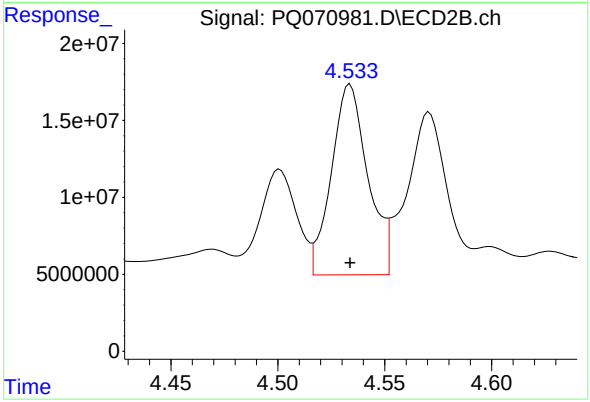
R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 85057385
Conc: 745.90 ng/ml



#20 AR-1242-5

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 50322958
Conc: 708.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 147014260
Conc: 806.71 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	231.2E6	286.3E6	50.000	50.000
2)	SA Decachlor...	8.496	7.533	167.6E6	280.8E6	50.000	50.000
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	60958684	80109600	500.000	500.000
17)	L4 AR-1242-2	4.499	3.793	97235865	122.0E6	500.000	500.000
18)	L4 AR-1242-3	4.556	3.954	60364163	66044686	500.000	500.000
19)	L4 AR-1242-4	4.646	4.040	49472392	60380961	500.000	500.000
20)	L4 AR-1242-5	5.351	4.534	41359410	87693684	500.000	500.000

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

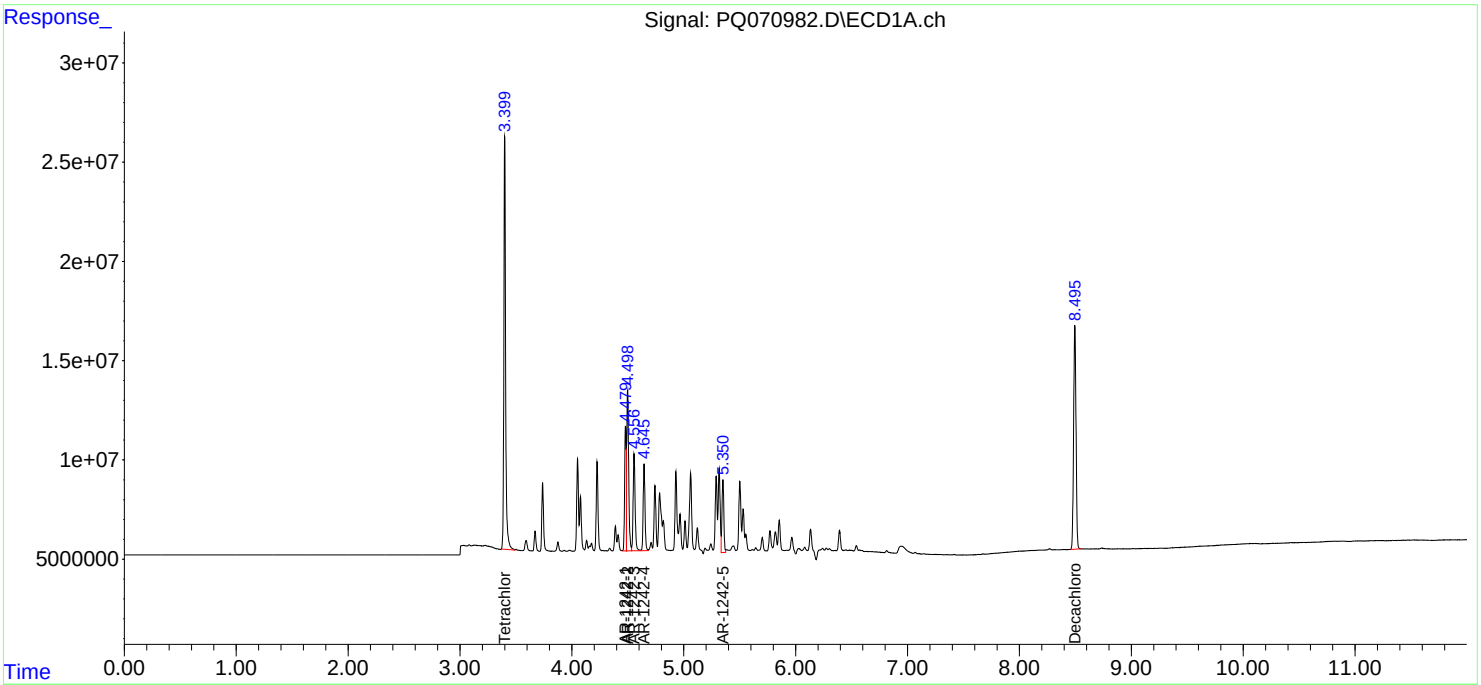
ICAL Form

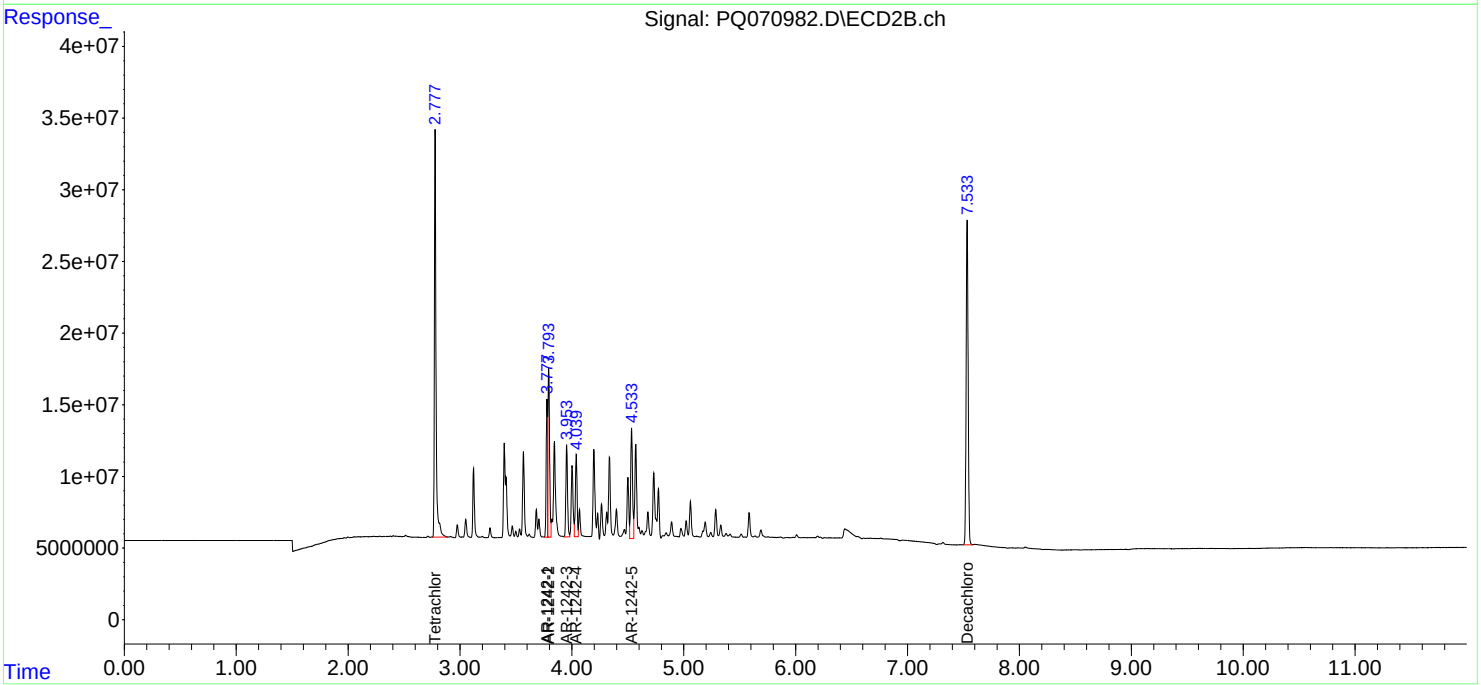
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070982.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:08
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

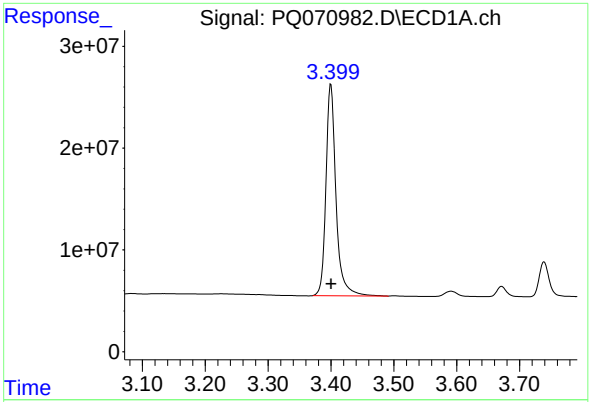
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:05:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:05:14 2025
Response via : Initial Calibration
Integrator: ChemStation

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



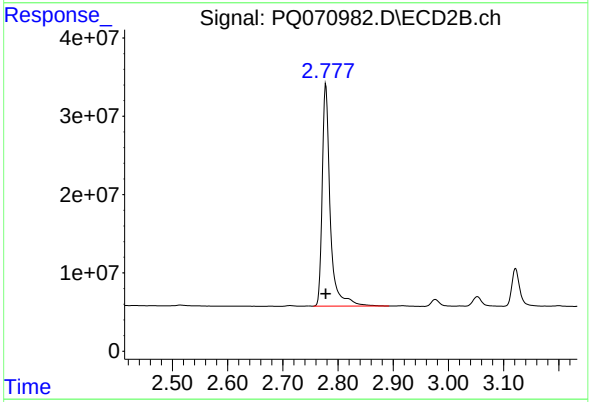




#1 Tetrachloro-m-xylene

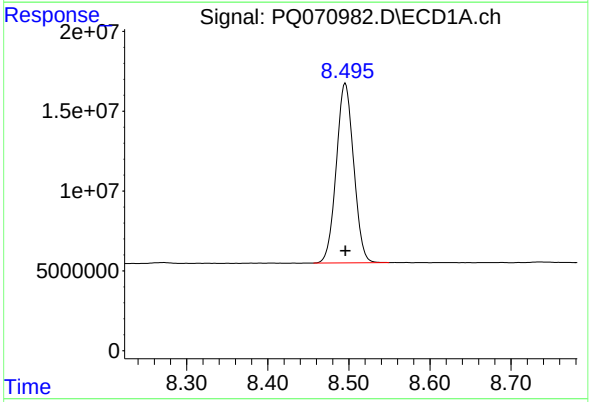
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 231153264
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



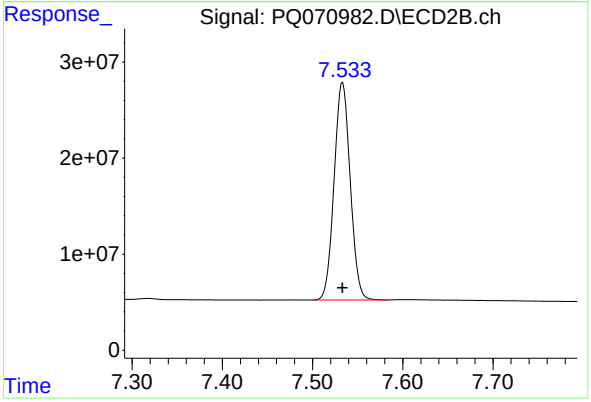
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286277162
Conc: 50.00 ng/ml



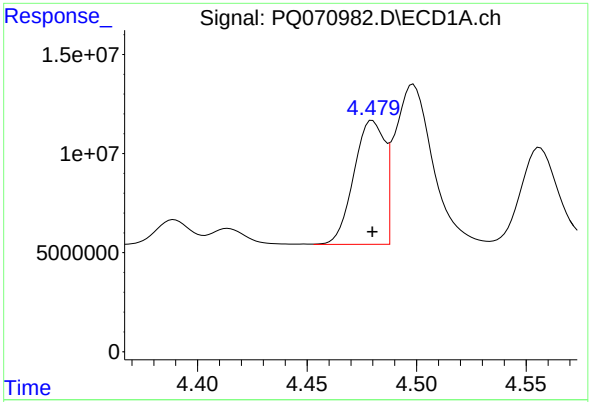
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 167640288
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

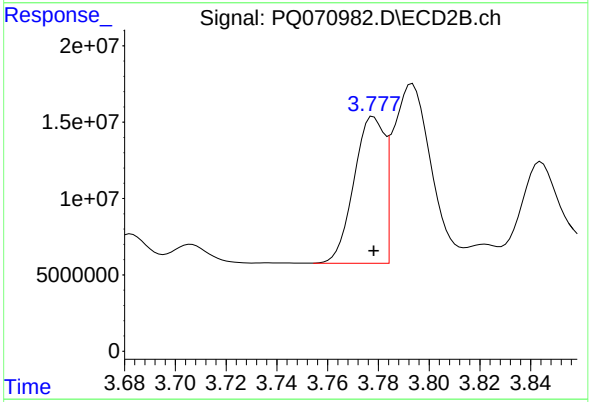
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 280823944
Conc: 50.00 ng/ml



#16 AR-1242-1

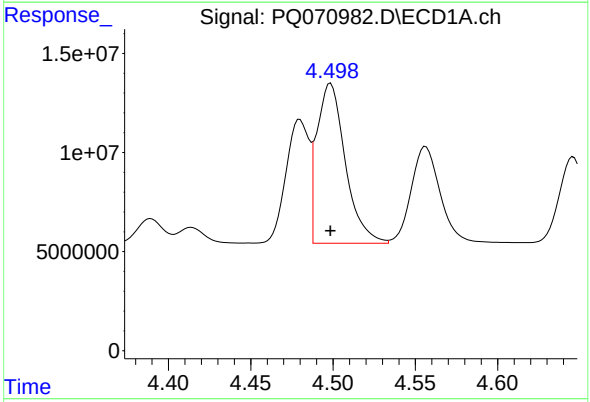
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 60958684
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



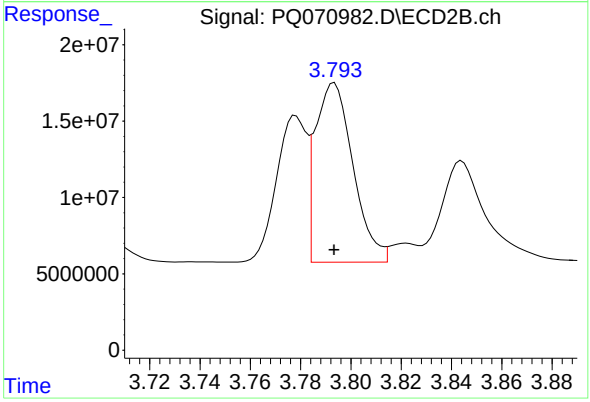
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 80109600
Conc: 500.00 ng/ml



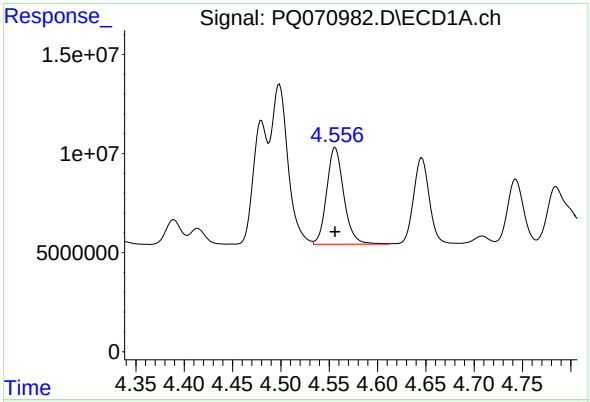
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 97235865
Conc: 500.00 ng/ml



#17 AR-1242-2

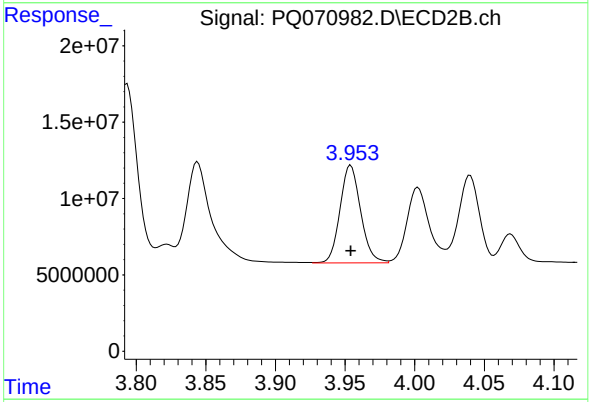
R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 122027510
Conc: 500.00 ng/ml



#18 AR-1242-3

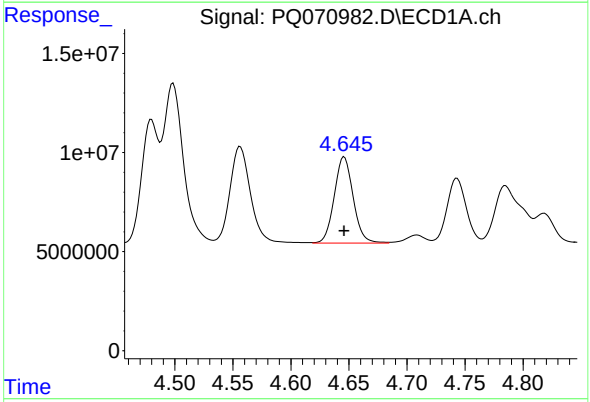
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 60364163
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



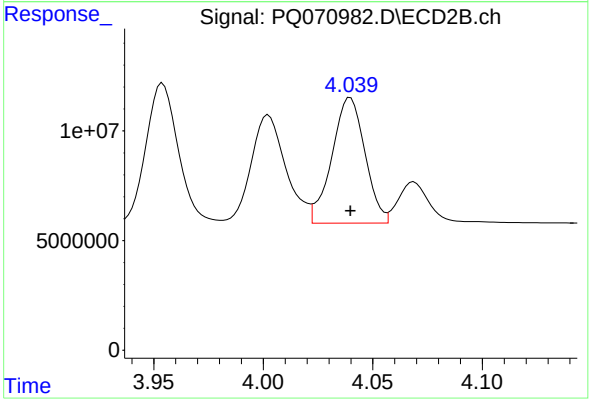
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 66044686
Conc: 500.00 ng/ml



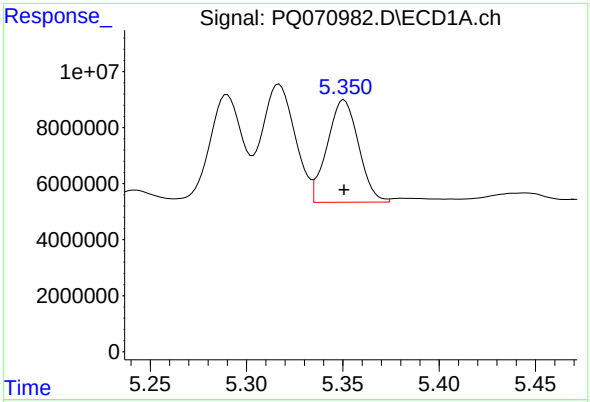
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 49472392
Conc: 500.00 ng/ml



#19 AR-1242-4

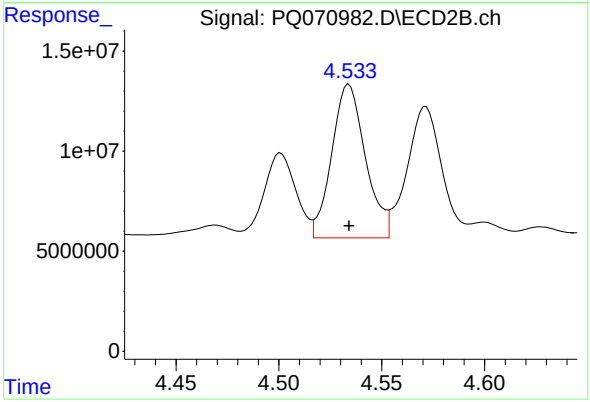
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 60380961
Conc: 500.00 ng/ml



#20 AR-1242-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 41359410
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 87693684
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	115.1E6	136.2E6	25.240	24.319
2)	SA Decachlor...	8.497	7.534	83994234	142.5E6	25.768	25.912
	Target Compounds						
16)	L4 AR-1242-1	4.481	3.778	31044472	41346745	256.287	260.414
17)	L4 AR-1242-2	4.499	3.794	49429930	62193156	260.092	259.416
18)	L4 AR-1242-3	4.557	3.954	30938677	33857327	261.612	259.162
19)	L4 AR-1242-4	4.647	4.040	25299238	32086157	259.999	272.815
20)	L4 AR-1242-5	5.352	4.534	25666453	41818817	325.093	234.281 #

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

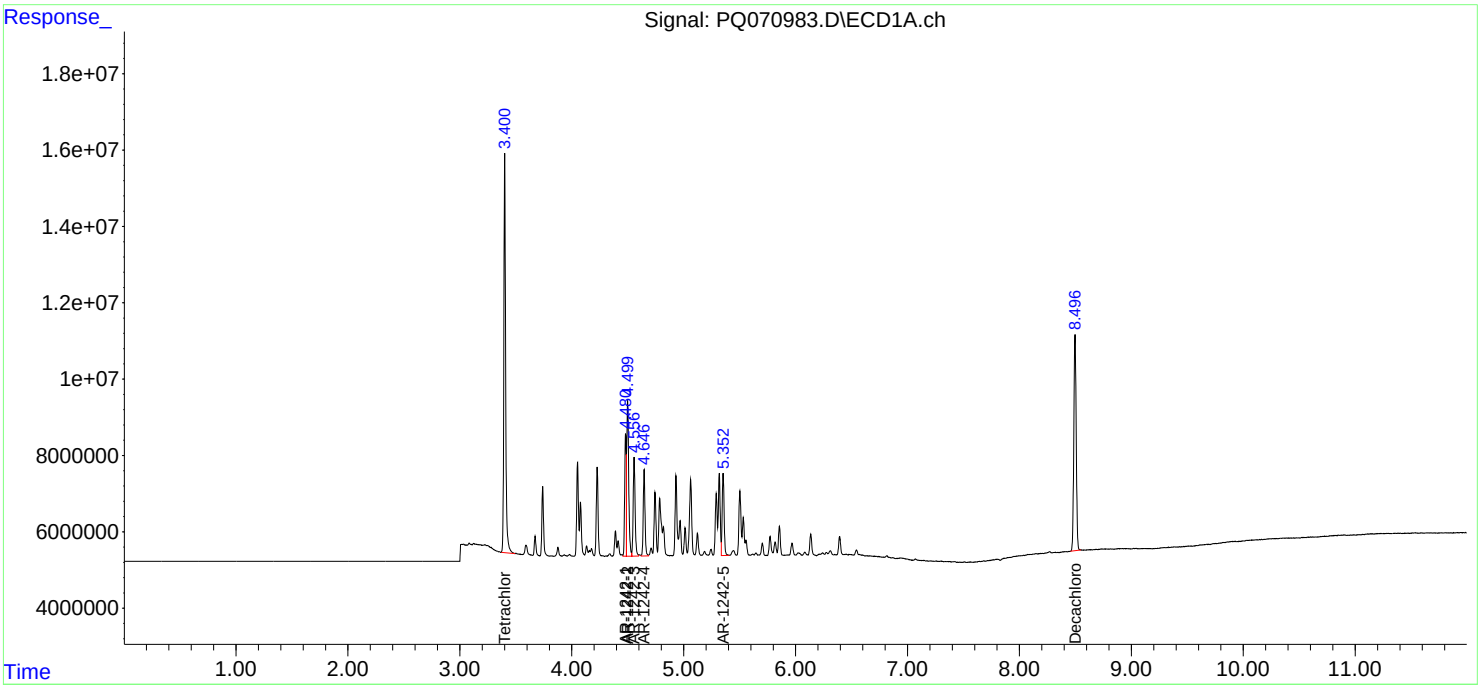
ICAL Form

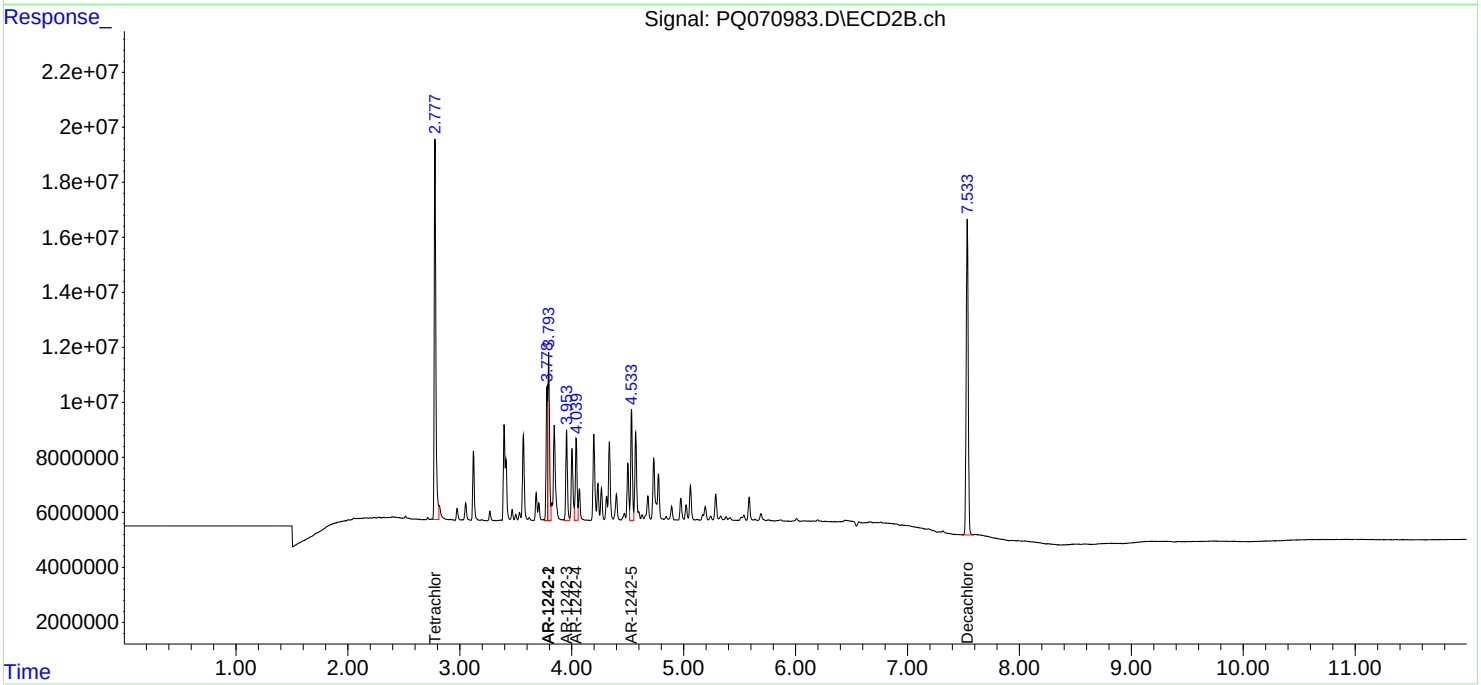
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070983.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:22
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

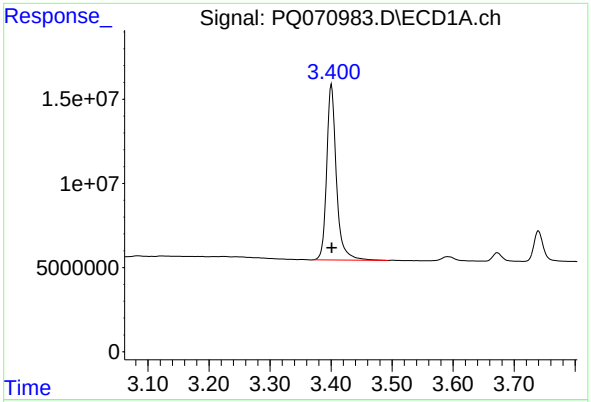
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:15:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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



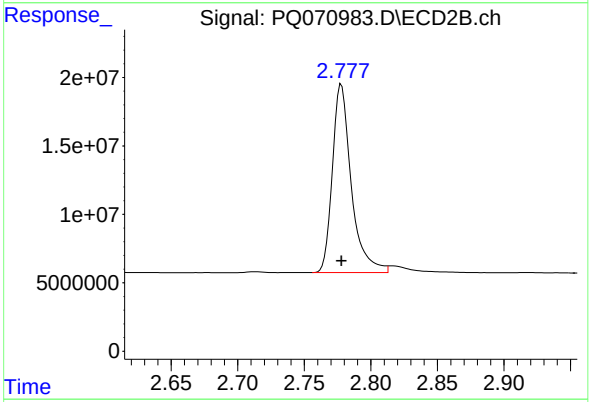




#1 Tetrachloro-m-xylene

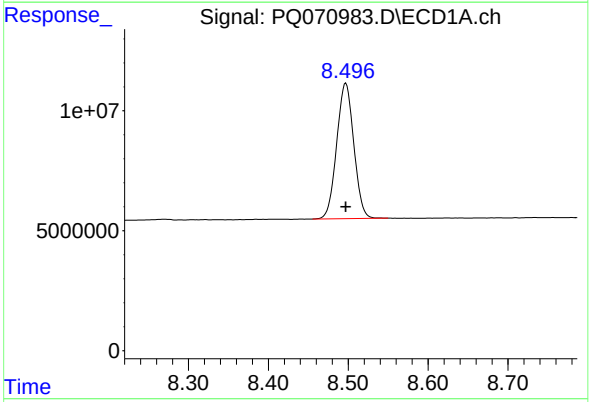
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115146396
Conc: 25.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



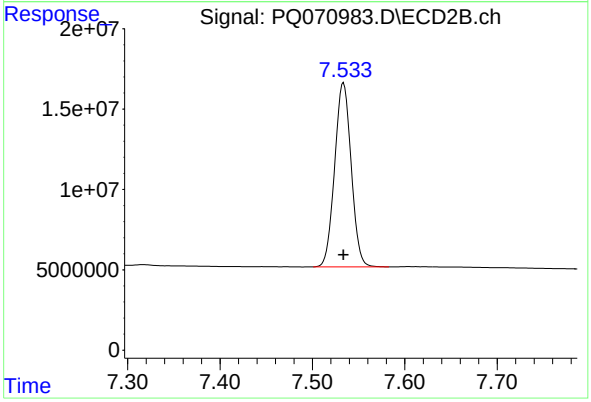
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 136161324
Conc: 24.32 ng/ml



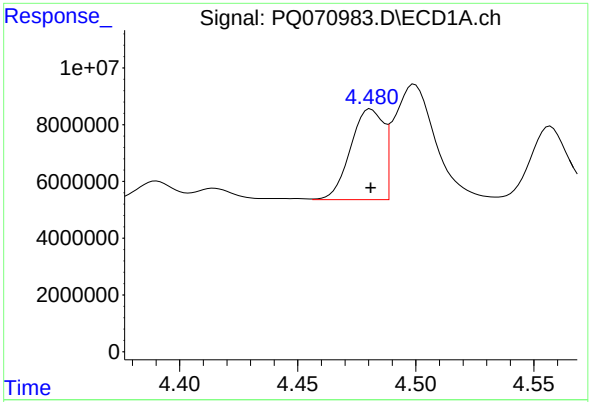
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 83994234
Conc: 25.77 ng/ml



#2 Decachlorobiphenyl

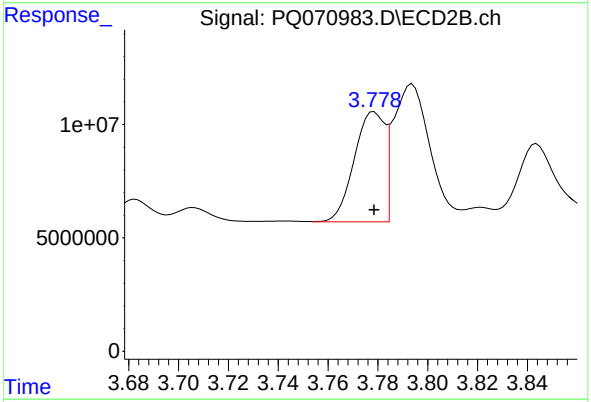
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 142468913
Conc: 25.91 ng/ml



#16 AR-1242-1

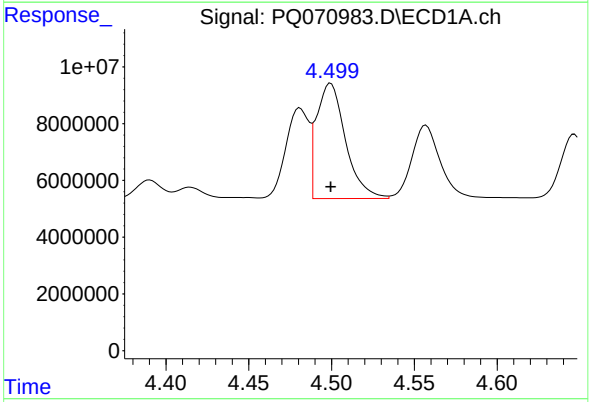
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 31044472
Conc: 256.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



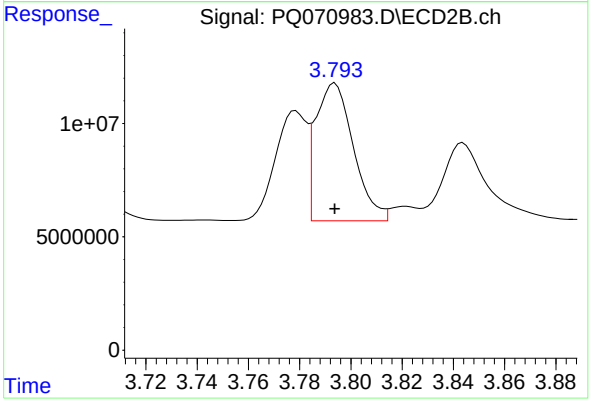
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 41346745
Conc: 260.41 ng/ml



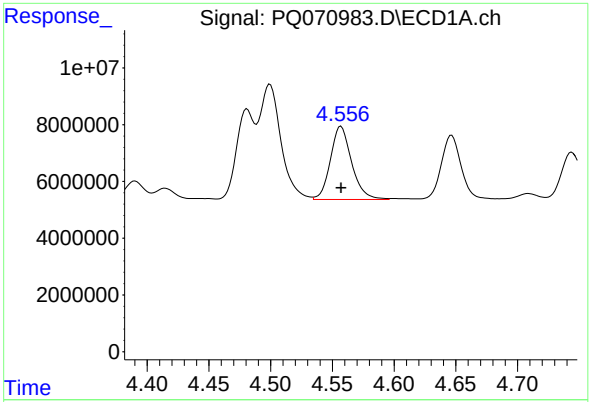
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 49429930
Conc: 260.09 ng/ml



#17 AR-1242-2

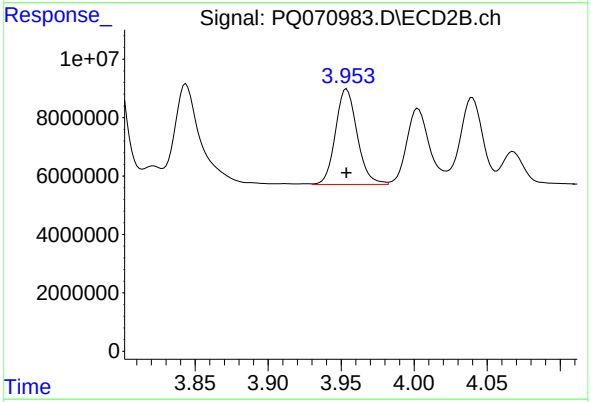
R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 62193156
Conc: 259.42 ng/ml



#18 AR-1242-3

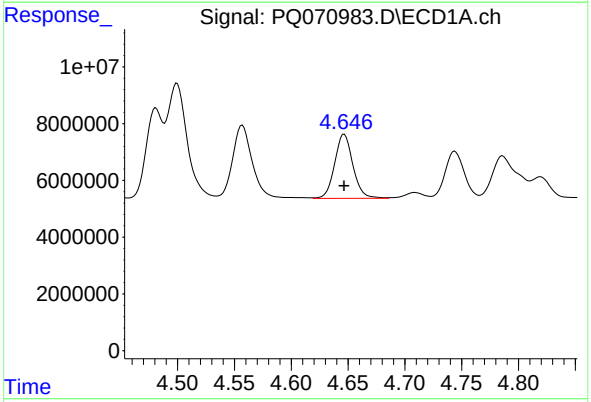
R.T.: 4.557 min
Delta R.T.: 0.000 min
Response: 30938677
Conc: 261.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



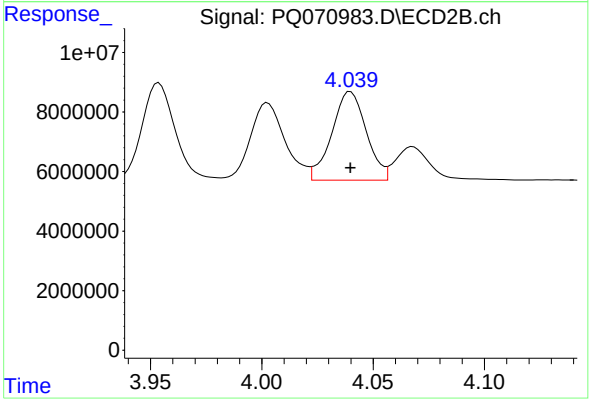
#18 AR-1242-3

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 33857327
Conc: 259.16 ng/ml



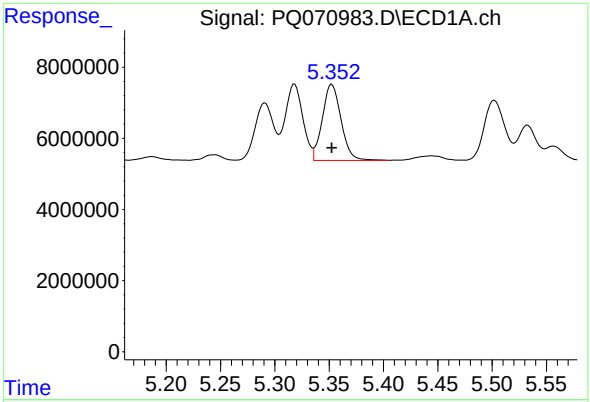
#19 AR-1242-4

R.T.: 4.647 min
Delta R.T.: 0.000 min
Response: 25299238
Conc: 260.00 ng/ml



#19 AR-1242-4

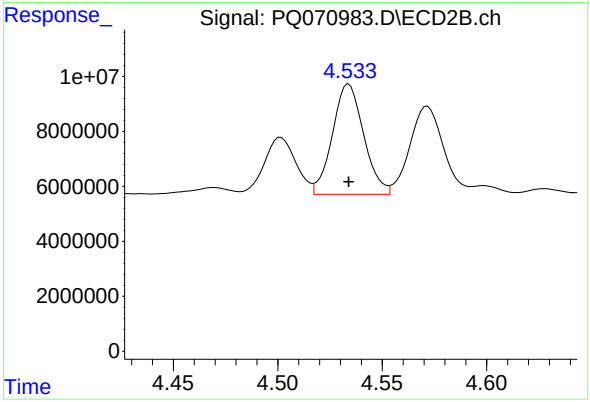
R.T.: 4.040 min
Delta R.T.: 0.000 min
Response: 32086157
Conc: 272.81 ng/ml



#20 AR-1242-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 25666453
Conc: 325.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 41818817
Conc: 234.28 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:37
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:20:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	23512581	27180813	5.122	4.883
2)	SA Decachlor...	8.496	7.534	16433954	30524389	5.033	5.432
	Target Compounds						
16)	L4 AR-1242-1	4.481	3.777	5511662	8960987	46.335	57.042m
17)	L4 AR-1242-2	4.499	3.793	9668594	12395166	50.697	51.291m
18)	L4 AR-1242-3	4.556	3.953	6071735	6826795	51.068	51.803m
19)	L4 AR-1242-4	4.646	4.039	5427928	5120094	54.521	44.579m
20)	L4 AR-1242-5	5.317	4.534	3890240	7835249	49.488m	45.137m

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070984.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:37
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

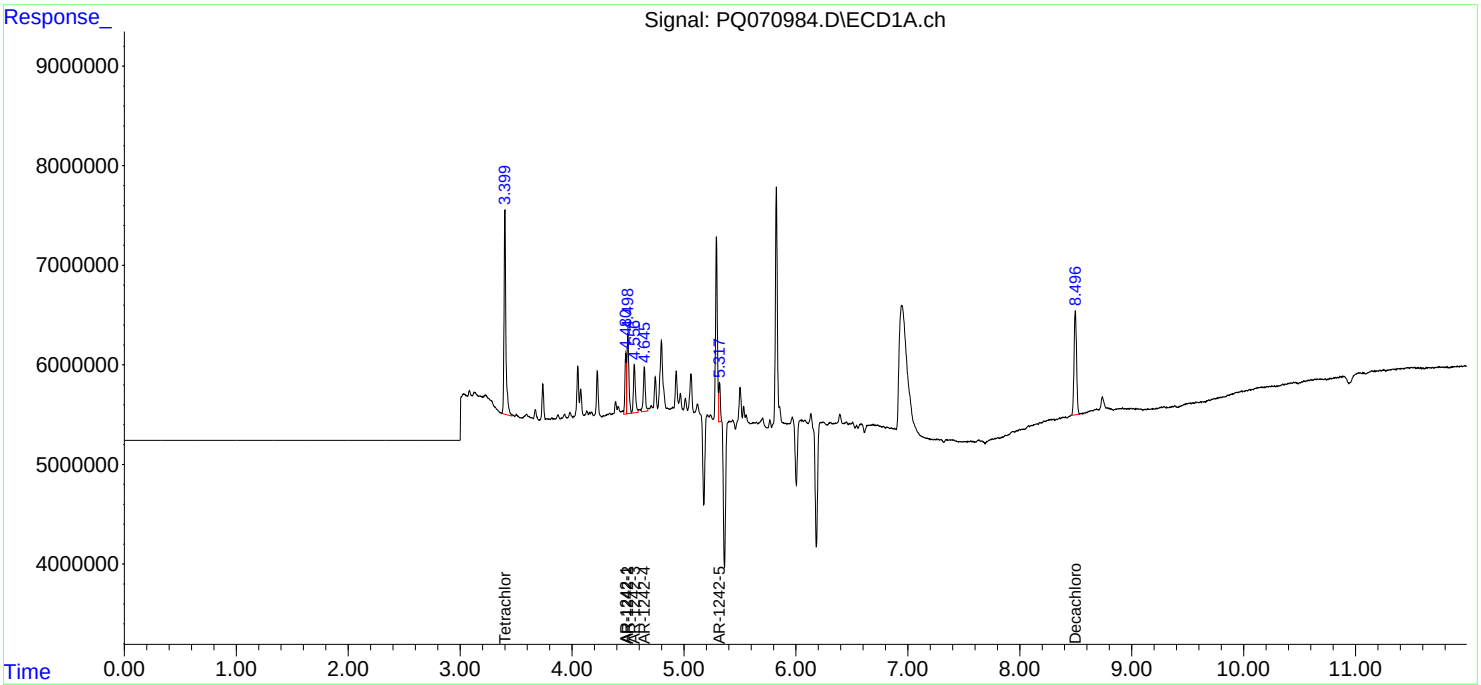
Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

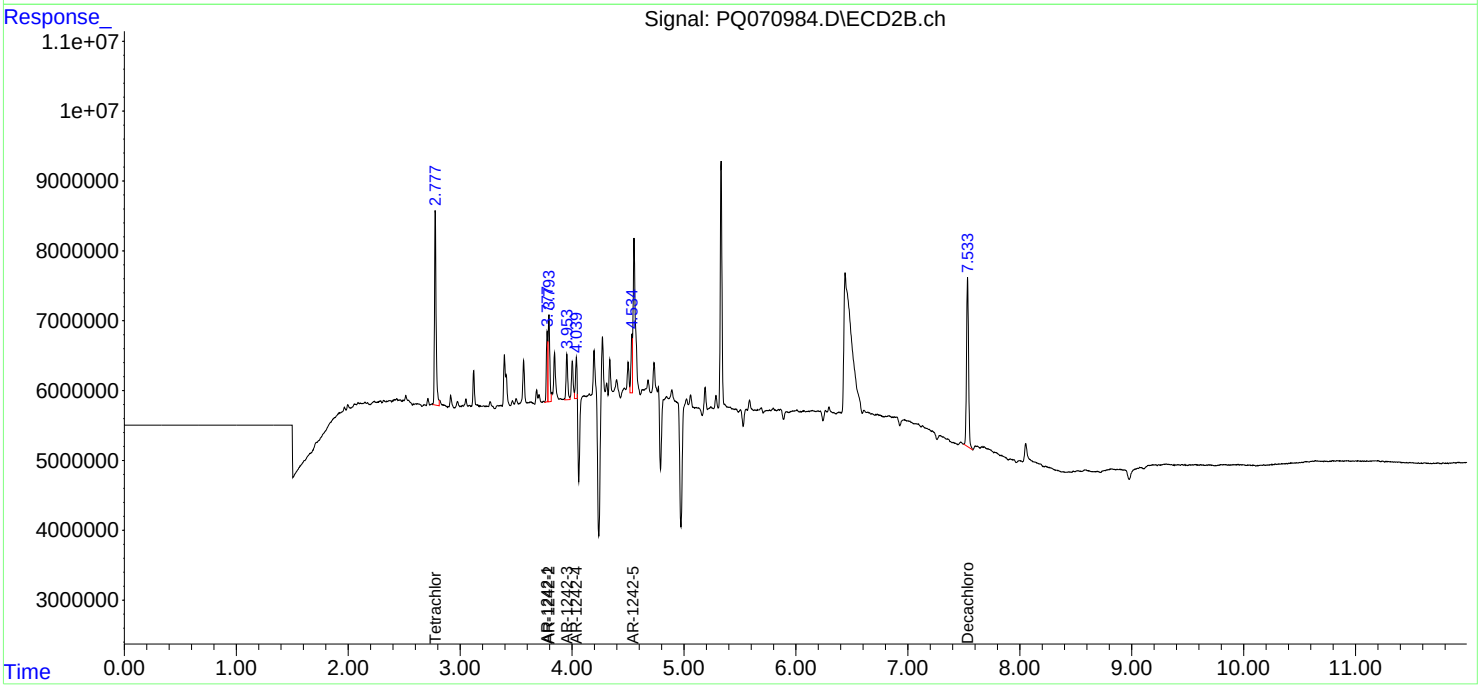
Manual Integrations APPROVED

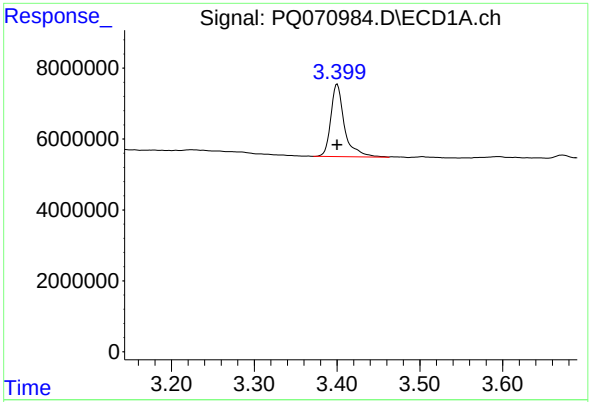
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:20:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:10:08 2025
Response via : Initial Calibration
Integrator: ChemStation

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







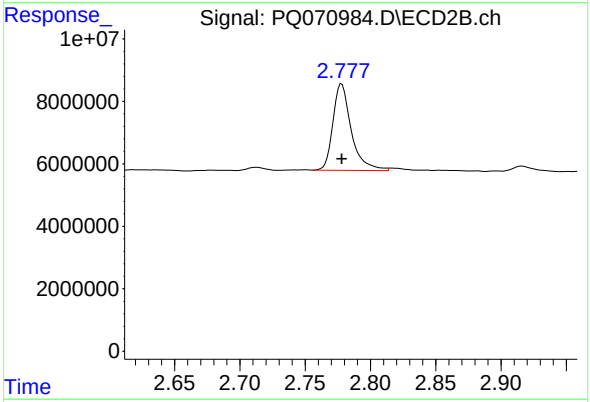
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 23512581
Conc: 5.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

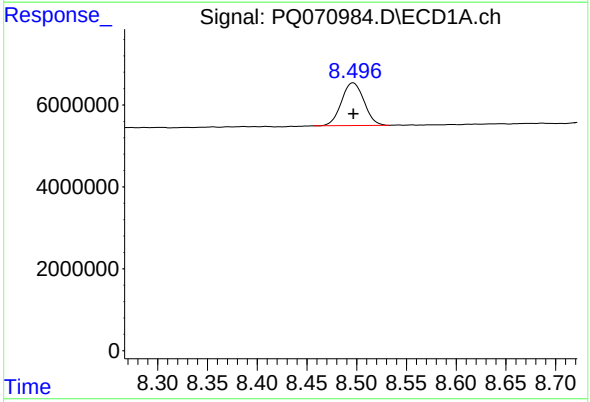
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



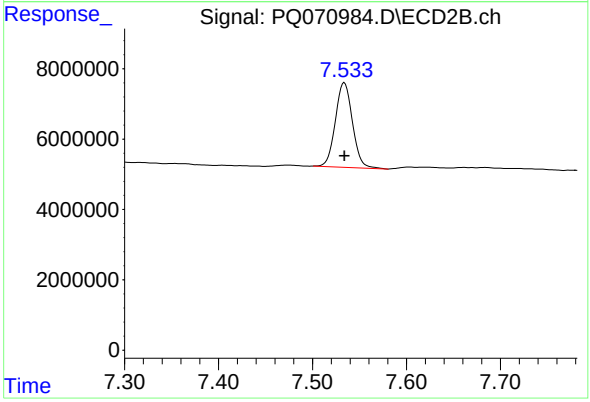
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27180813
Conc: 4.88 ng/ml



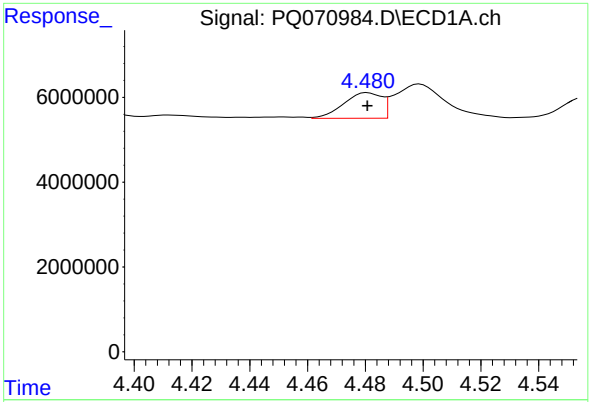
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 16433954
Conc: 5.03 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30524389
Conc: 5.43 ng/ml



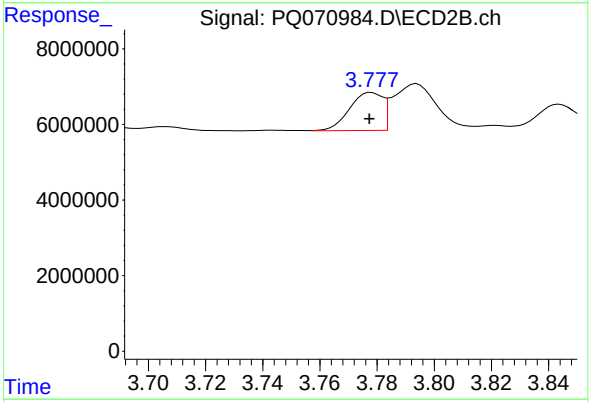
#16 AR-1242-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 5511662
Conc: 46.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

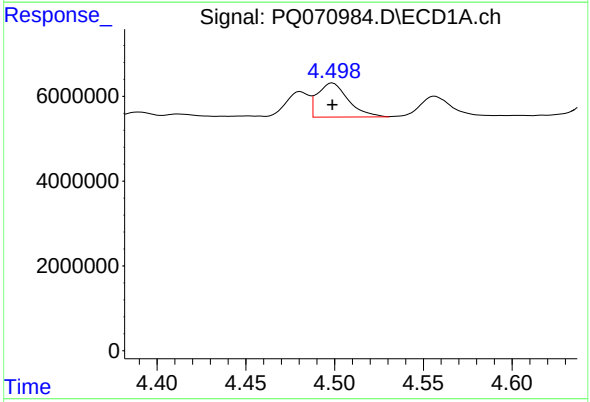
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



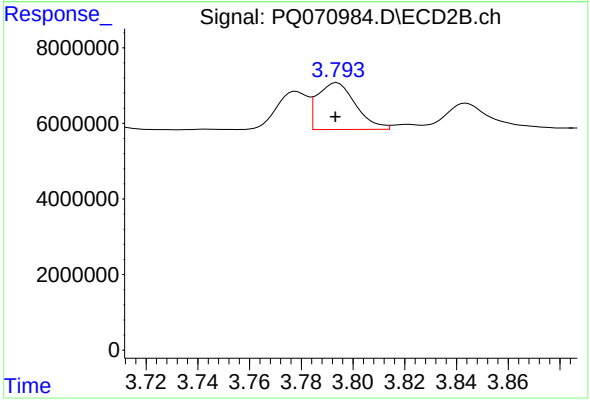
#16 AR-1242-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 8960987
Conc: 57.04 ng/ml m



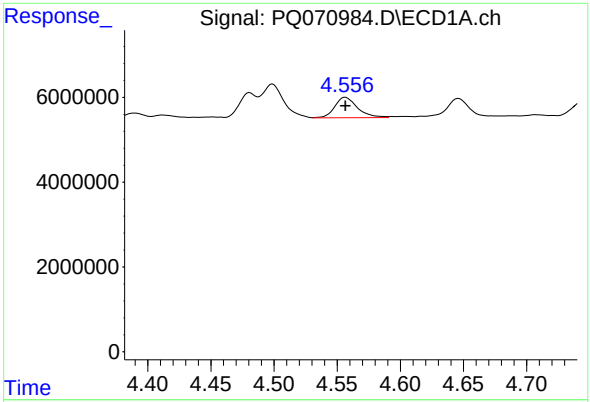
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 9668594
Conc: 50.70 ng/ml



#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 12395166
Conc: 51.29 ng/ml m



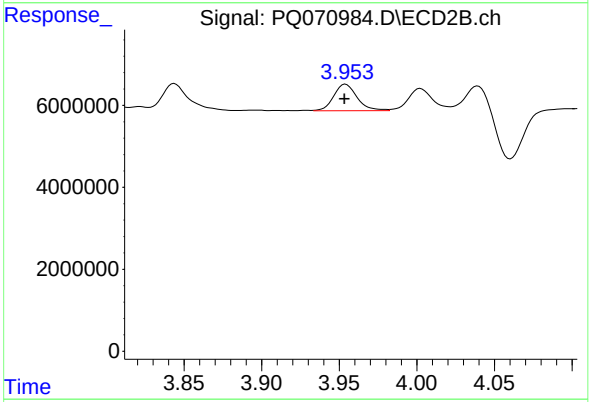
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 6071735
Conc: 51.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

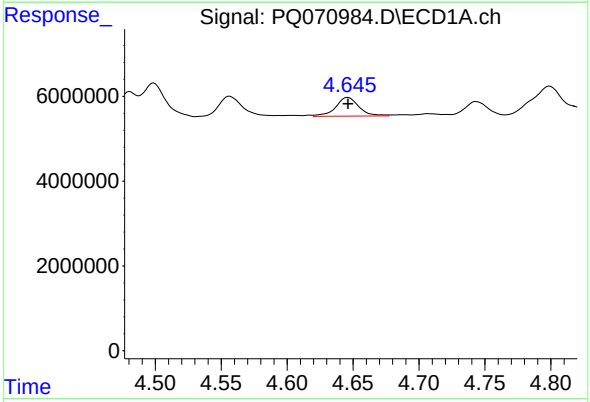
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



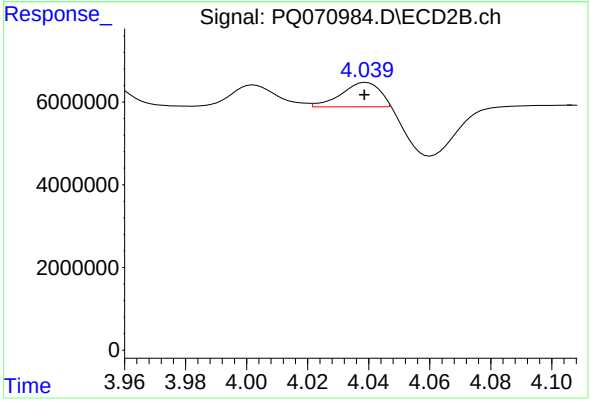
#18 AR-1242-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 6826795
Conc: 51.80 ng/ml m



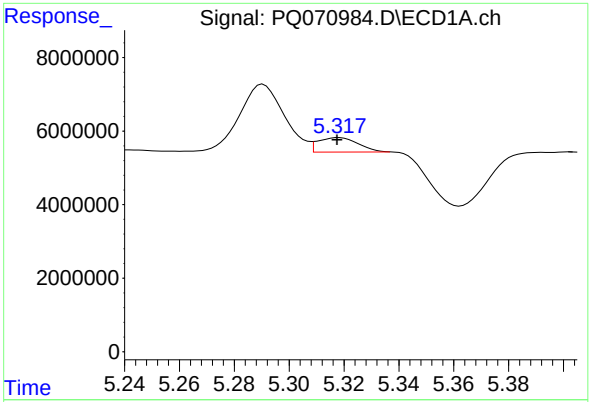
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 5427928
Conc: 54.52 ng/ml



#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 5120094
Conc: 44.58 ng/ml m



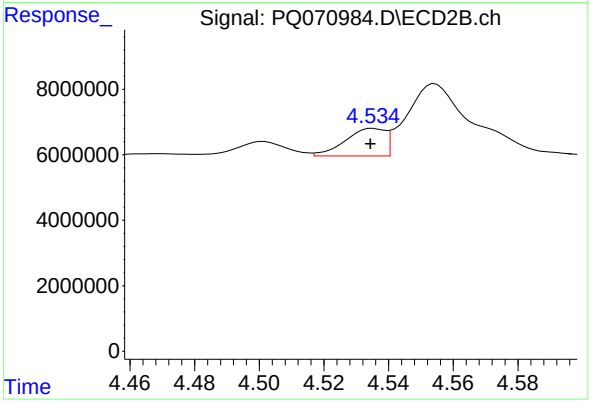
#20 AR-1242-5

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 3890240
Conc: 49.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 7835249
Conc: 45.14 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	454.7E6	549.9E6	97.923	98.007
2)	SA Decachlor...	8.496	7.534	317.7E6	535.7E6	96.574	96.631
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.778	89951061	118.1E6	950.710	962.148
22)	L5 AR-1248-2	4.743	4.002	126.8E6	173.0E6	954.654	954.823
23)	L5 AR-1248-3	4.930	4.039	153.0E6	167.6E6	958.744	969.281
24)	L5 AR-1248-4	5.318	4.197	167.1E6	207.4E6	954.987	947.004
25)	L5 AR-1248-5	5.353	4.572	163.7E6	211.1E6	1106.316	928.819

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

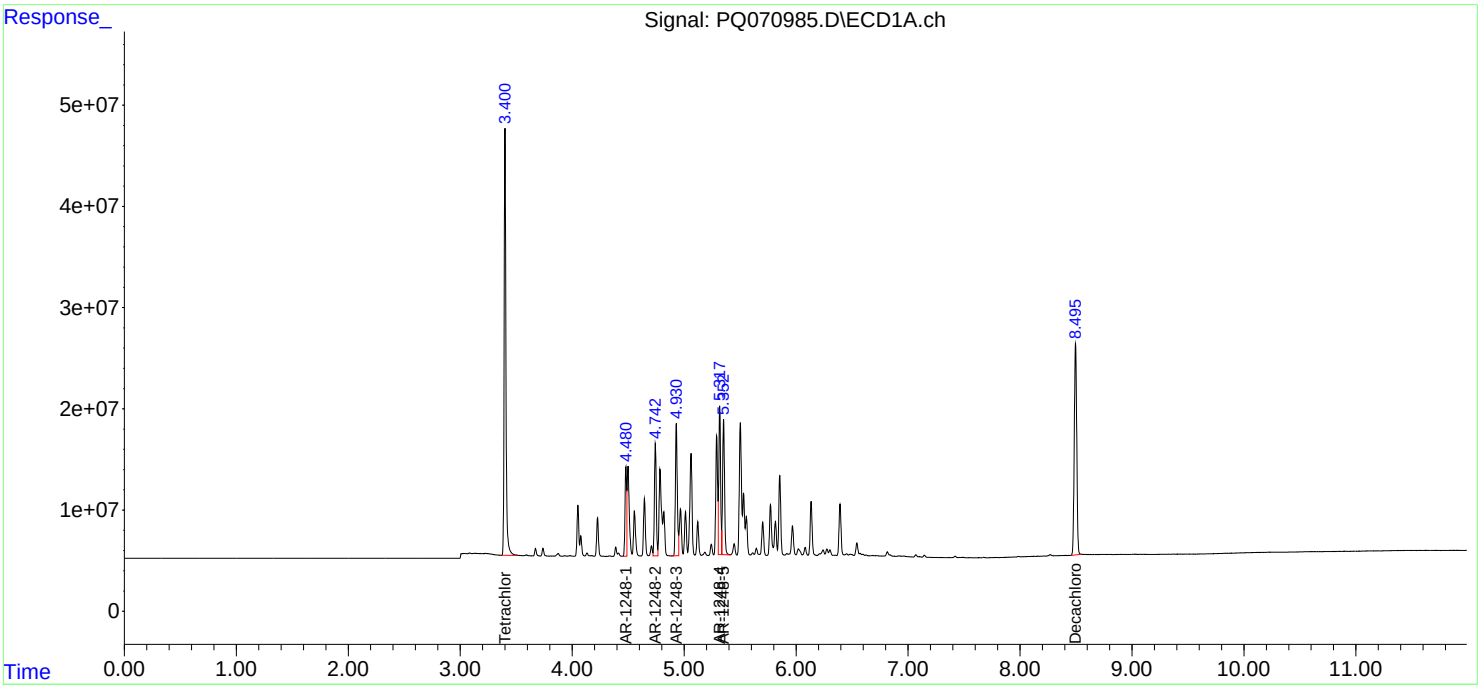
ICAL Form

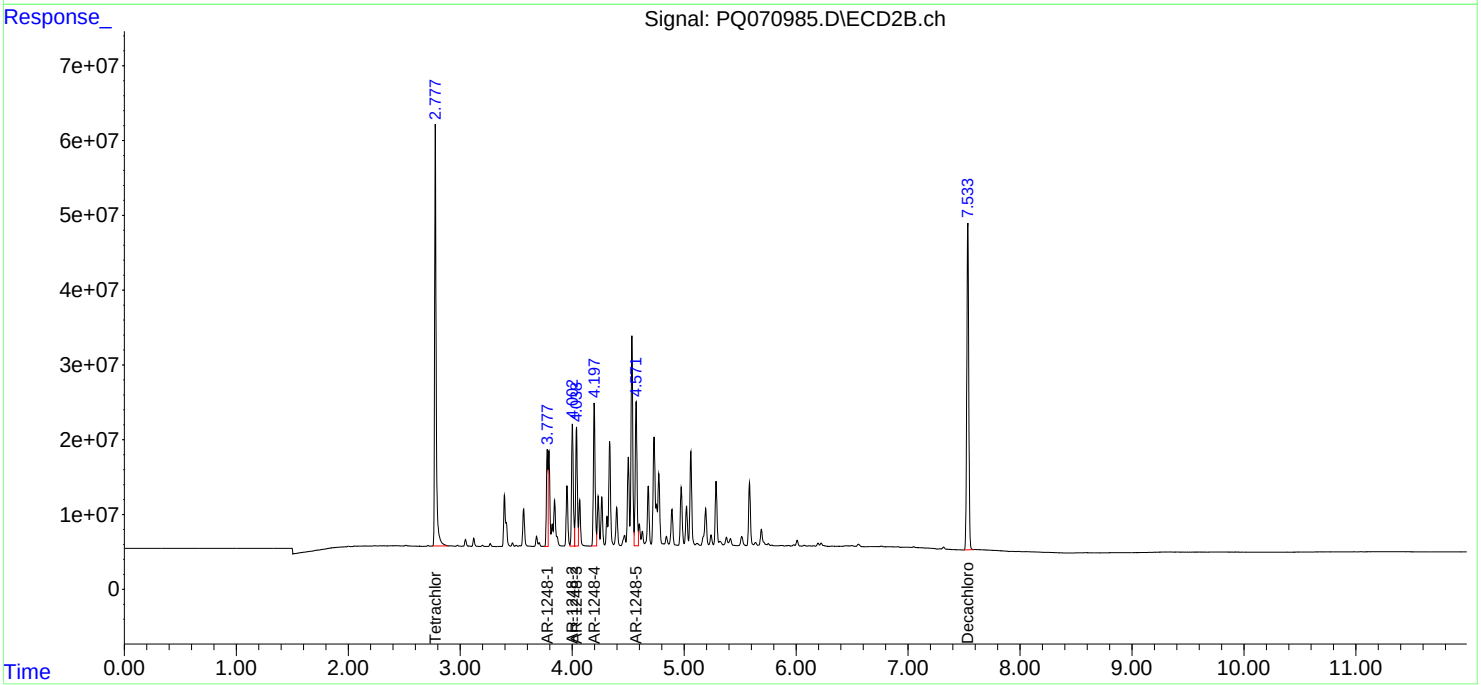
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070985.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 11:51
Operator : YP\AJ
Sample : AR1248ICC1000
Misc :
ALS Vial : 15 Sample Multiplier: 1

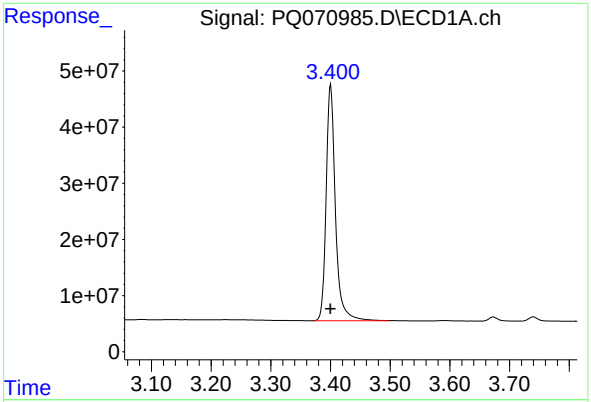
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:40:50 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



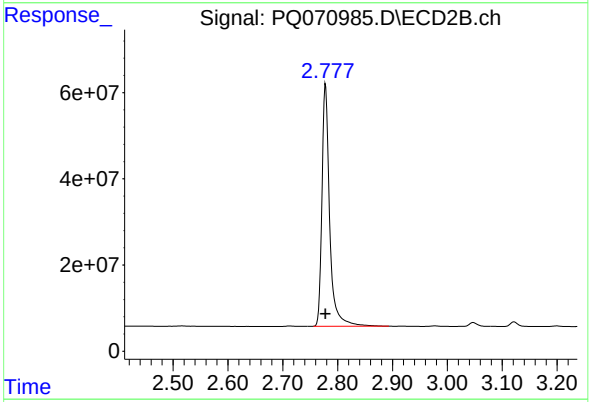




#1 Tetrachloro-m-xylene

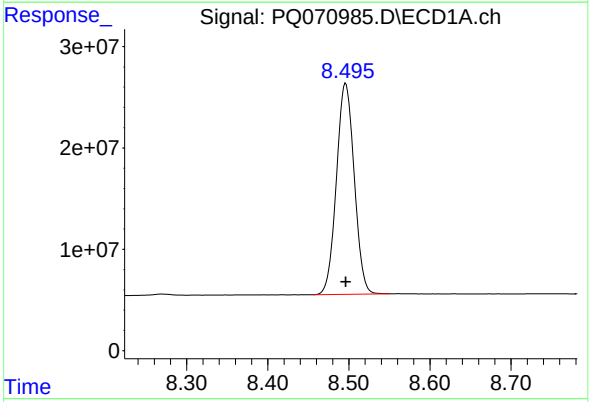
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 454650898
Conc: 97.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



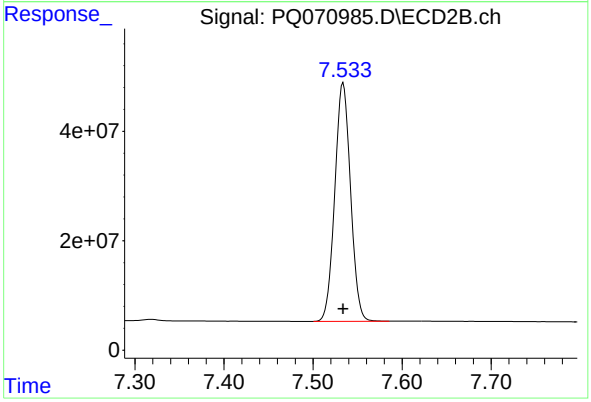
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 549926827
Conc: 98.01 ng/ml



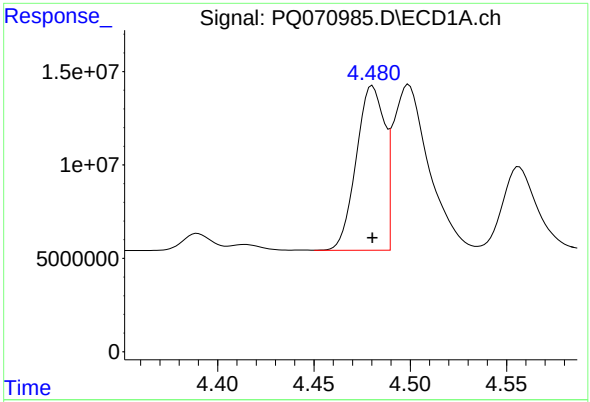
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 317734844
Conc: 96.57 ng/ml



#2 Decachlorobiphenyl

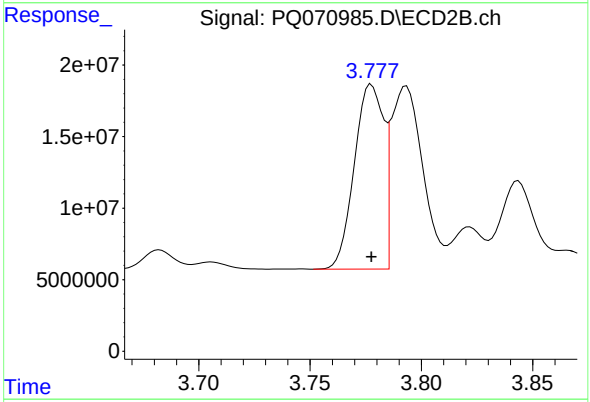
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 535728433
Conc: 96.63 ng/ml



#21 AR-1248-1

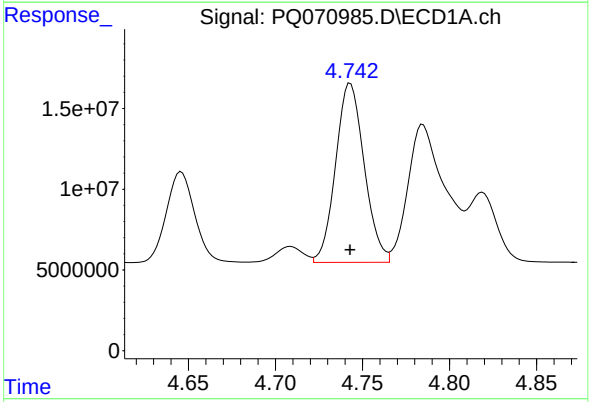
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 89951061
Conc: 950.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



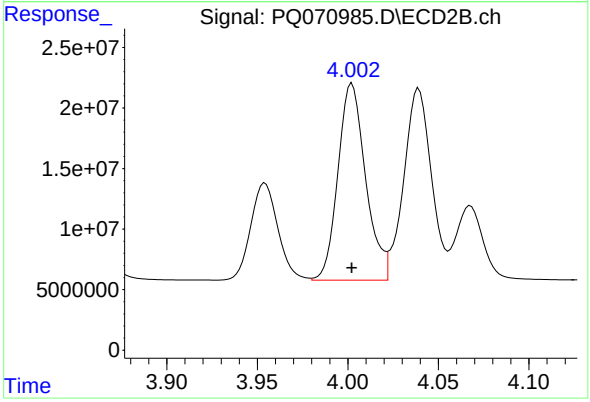
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 118147108
Conc: 962.15 ng/ml



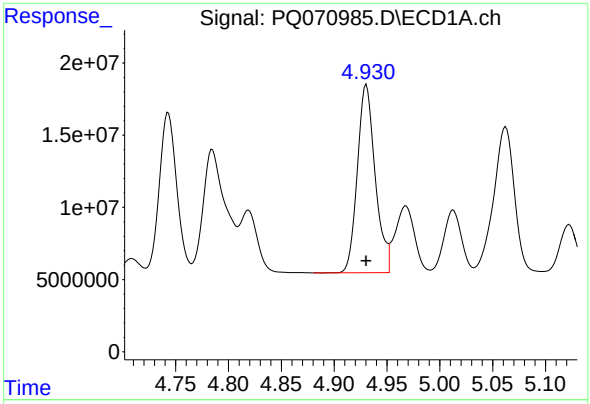
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 126849870
Conc: 954.65 ng/ml



#22 AR-1248-2

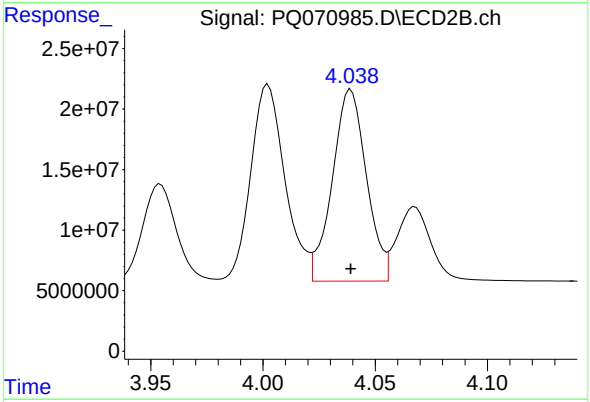
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 172958749
Conc: 954.82 ng/ml



#23 AR-1248-3

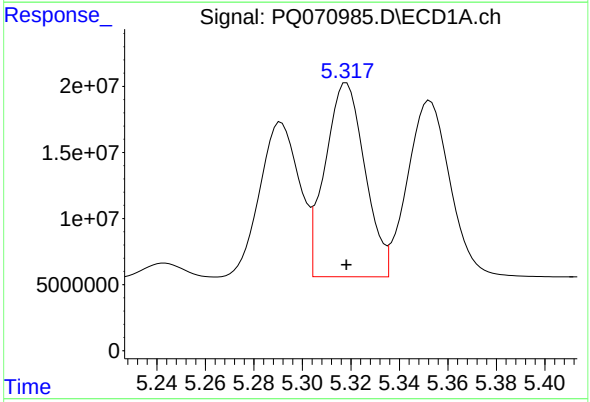
R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 152980867
Conc: 958.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



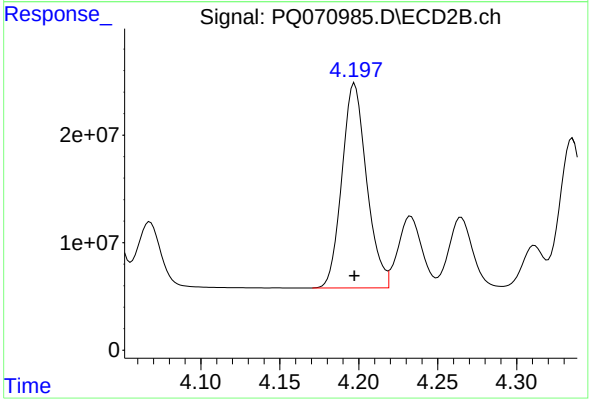
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 167593672
Conc: 969.28 ng/ml



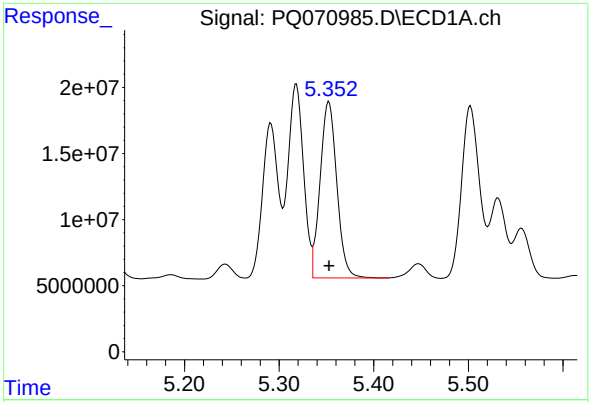
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 167077290
Conc: 954.99 ng/ml



#24 AR-1248-4

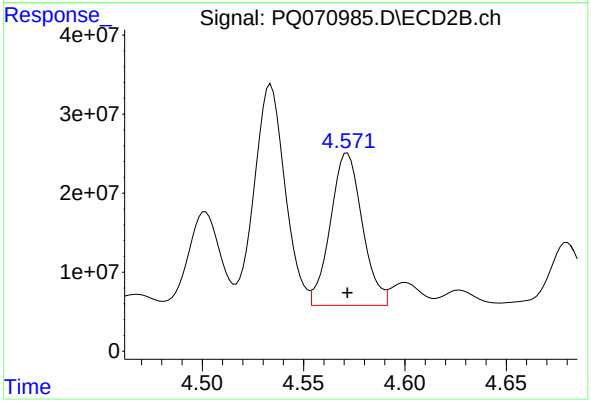
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 207432918
Conc: 947.00 ng/ml



#25 AR-1248-5

R.T.: 5.353 min
Delta R.T.: 0.000 min
Response: 163667698
Conc: 1106.32 ng/m

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC1000



#25 AR-1248-5

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 211078475
Conc: 928.82 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	344.9E6	417.8E6	74.527	74.644
2)	SA Decachlor...	8.495	7.533	243.6E6	409.6E6	74.366	74.245
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.777	69602185	90481437	740.364	741.181
22)	L5 AR-1248-2	4.744	4.002	98823740	133.3E6	745.811	740.453
23)	L5 AR-1248-3	4.931	4.039	118.2E6	129.7E6	743.646	750.086
24)	L5 AR-1248-4	5.318	4.197	129.8E6	160.6E6	744.762	738.847
25)	L5 AR-1248-5	5.352	4.571	126.1E6	162.5E6	815.290	726.458

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

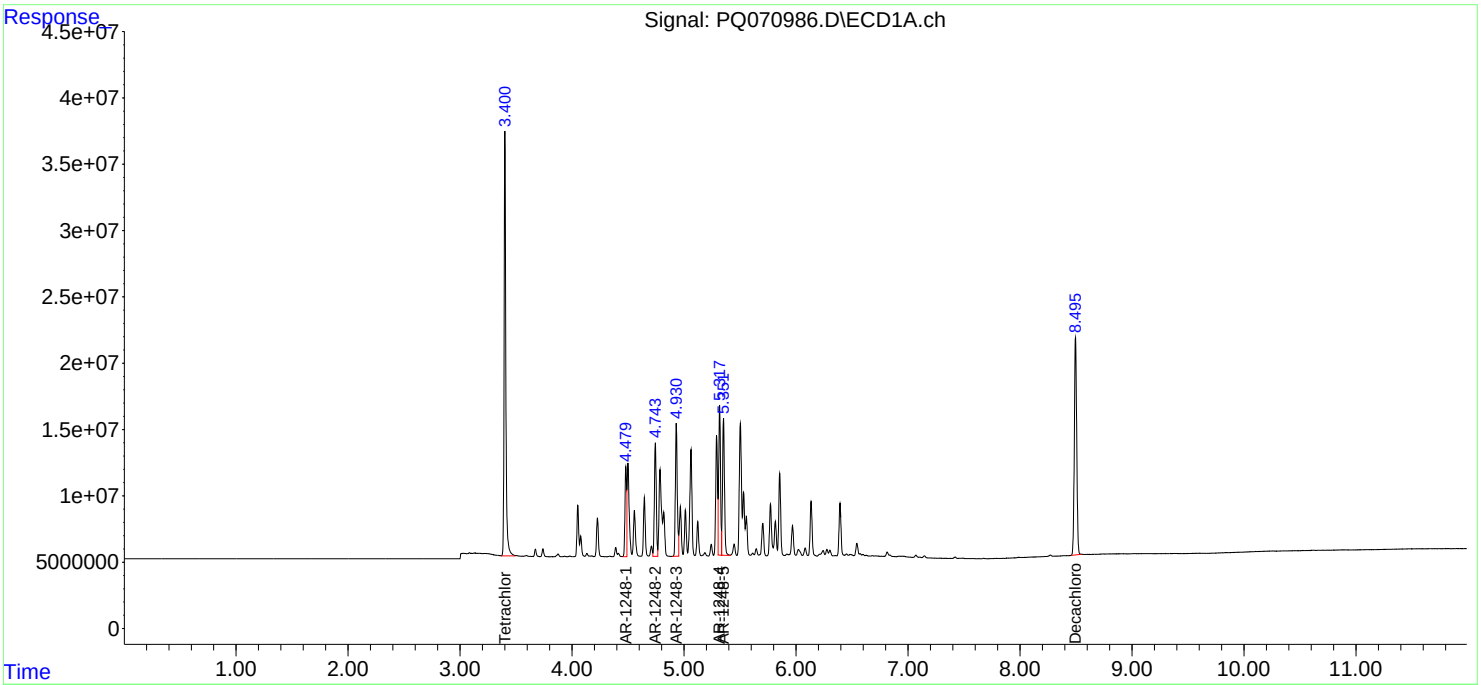
ICAL Form

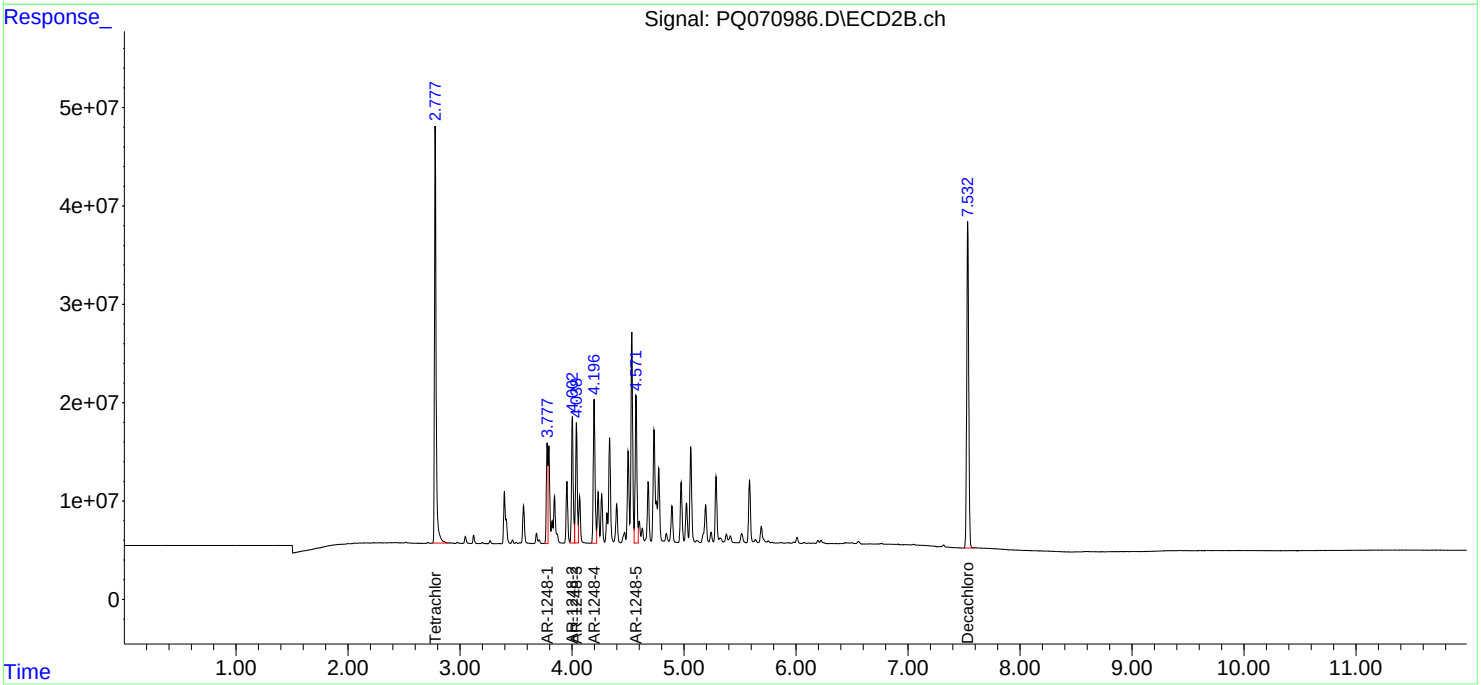
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070986.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:06
Operator : YP\AJ
Sample : AR1248ICC750
Misc :
ALS Vial : 16 Sample Multiplier: 1

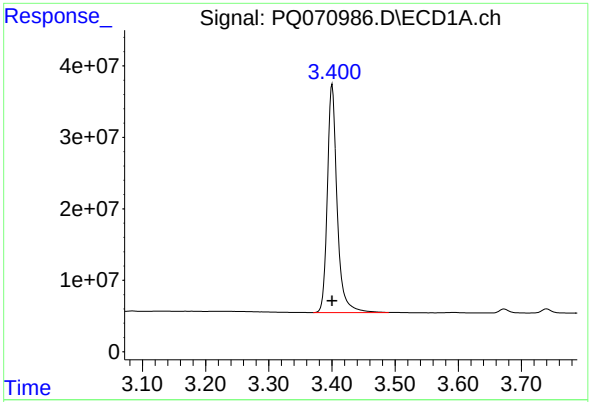
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:46:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



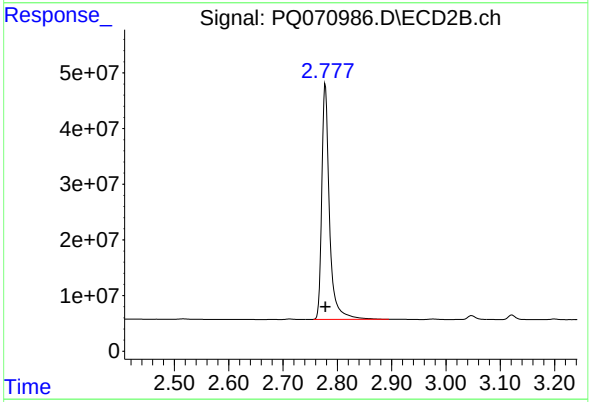




#1 Tetrachloro-m-xylene

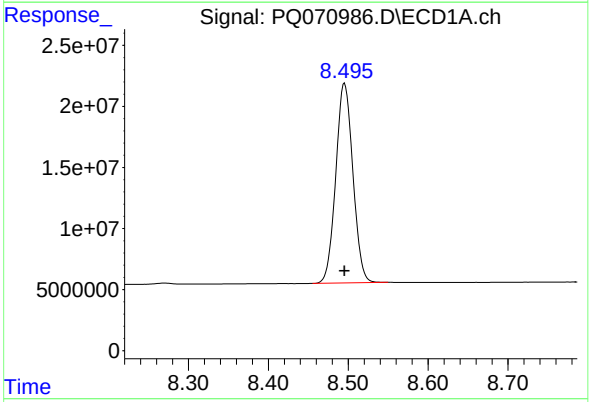
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 344936586
Conc: 74.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



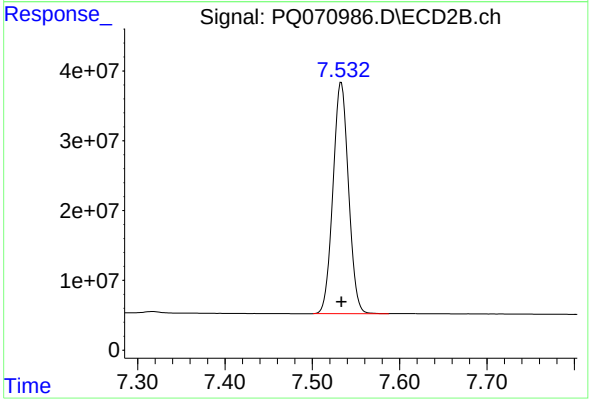
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 417847054
Conc: 74.64 ng/ml



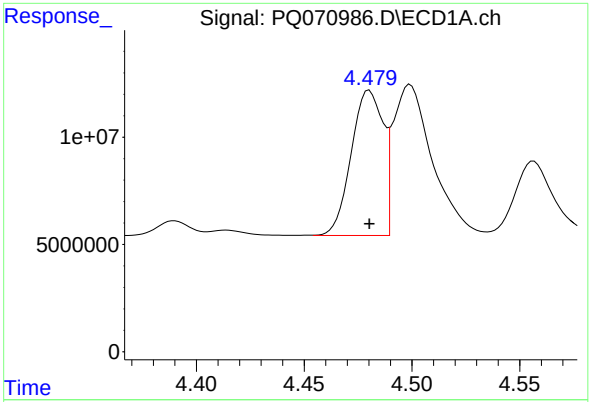
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: 0.000 min
Response: 243638918
Conc: 74.37 ng/ml



#2 Decachlorobiphenyl

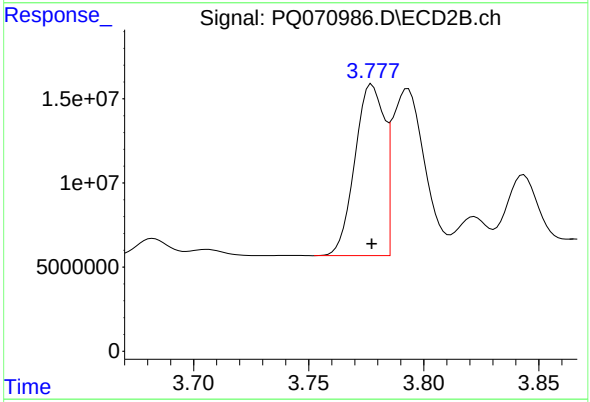
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 409558512
Conc: 74.25 ng/ml



#21 AR-1248-1

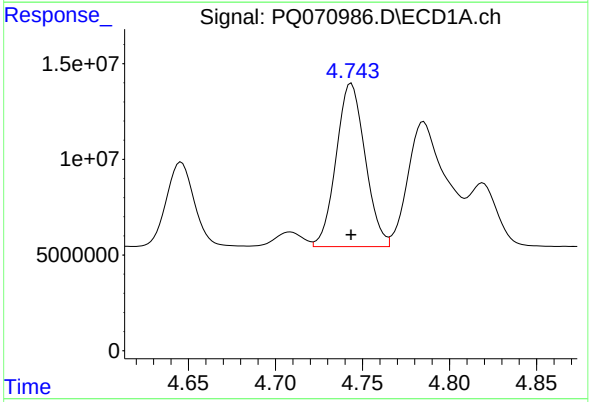
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 69602185
Conc: 740.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



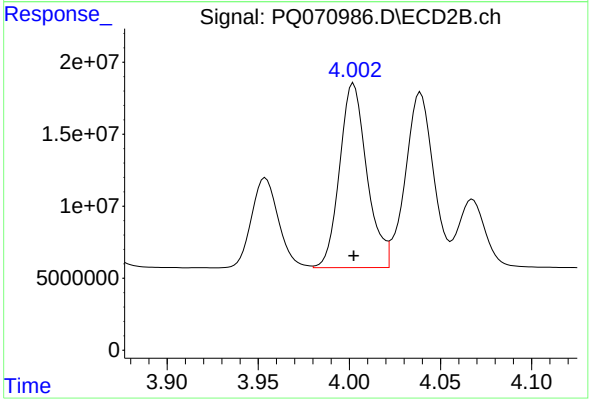
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 90481437
Conc: 741.18 ng/ml



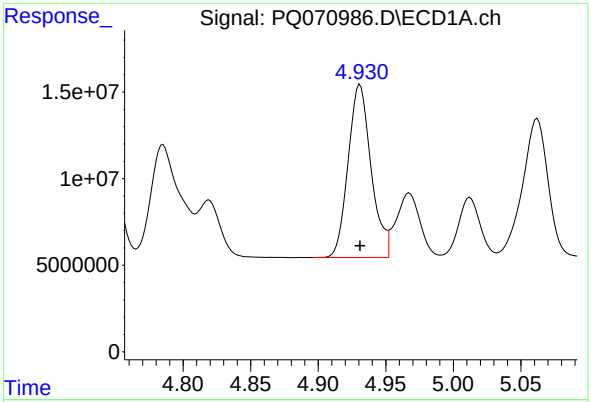
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 98823740
Conc: 745.81 ng/ml



#22 AR-1248-2

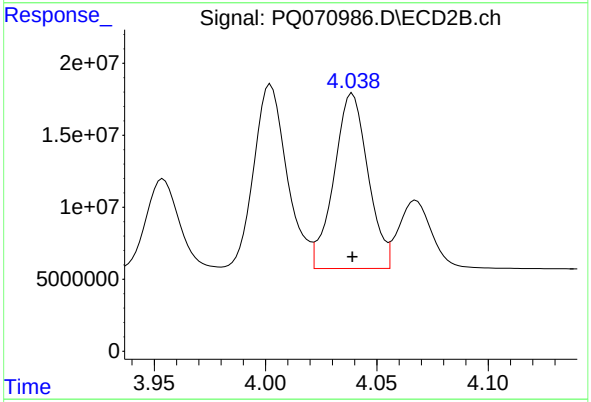
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 133279046
Conc: 740.45 ng/ml



#23 AR-1248-3

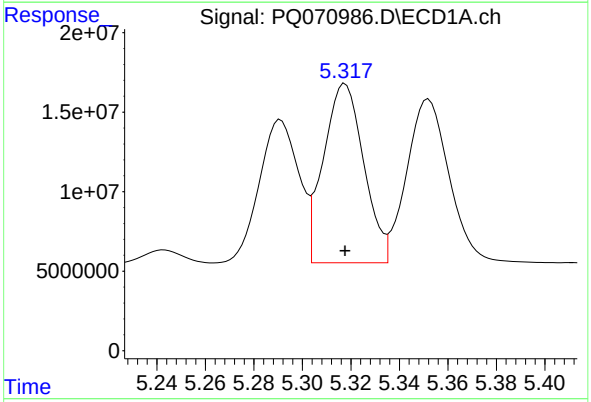
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 118158493
Conc: 743.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



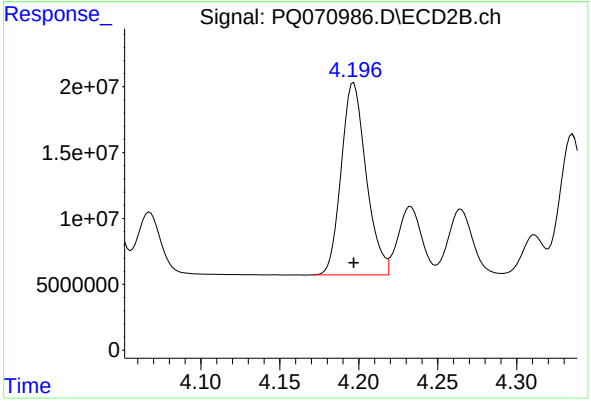
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 129701077
Conc: 750.09 ng/ml



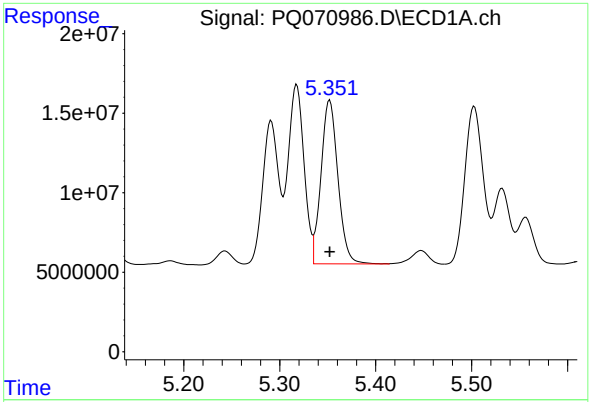
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 129844545
Conc: 744.76 ng/ml



#24 AR-1248-4

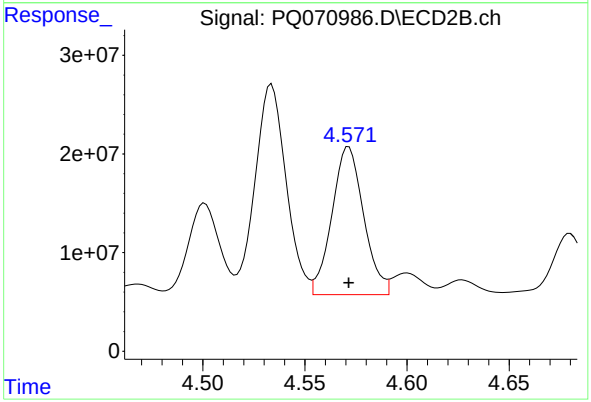
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 160643613
Conc: 738.85 ng/ml



#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 126102213
Conc: 815.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC750



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 162540024
Conc: 726.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	237.0E6	286.1E6	50.000	50.000
2)	SA Decachlor...	8.496	7.532	170.1E6	286.5E6	50.000	50.000
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.778	49639121	63721566	500.000	500.000
22)	L5 AR-1248-2	4.744	4.002	69450264	94662929	500.000	500.000
23)	L5 AR-1248-3	4.931	4.039	83073425	89108340	500.000	500.000
24)	L5 AR-1248-4	5.318	4.197	91413720	115.3E6	500.000	500.000
25)	L5 AR-1248-5	5.351	4.571	66105541	121.7E6	500.000	500.000

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

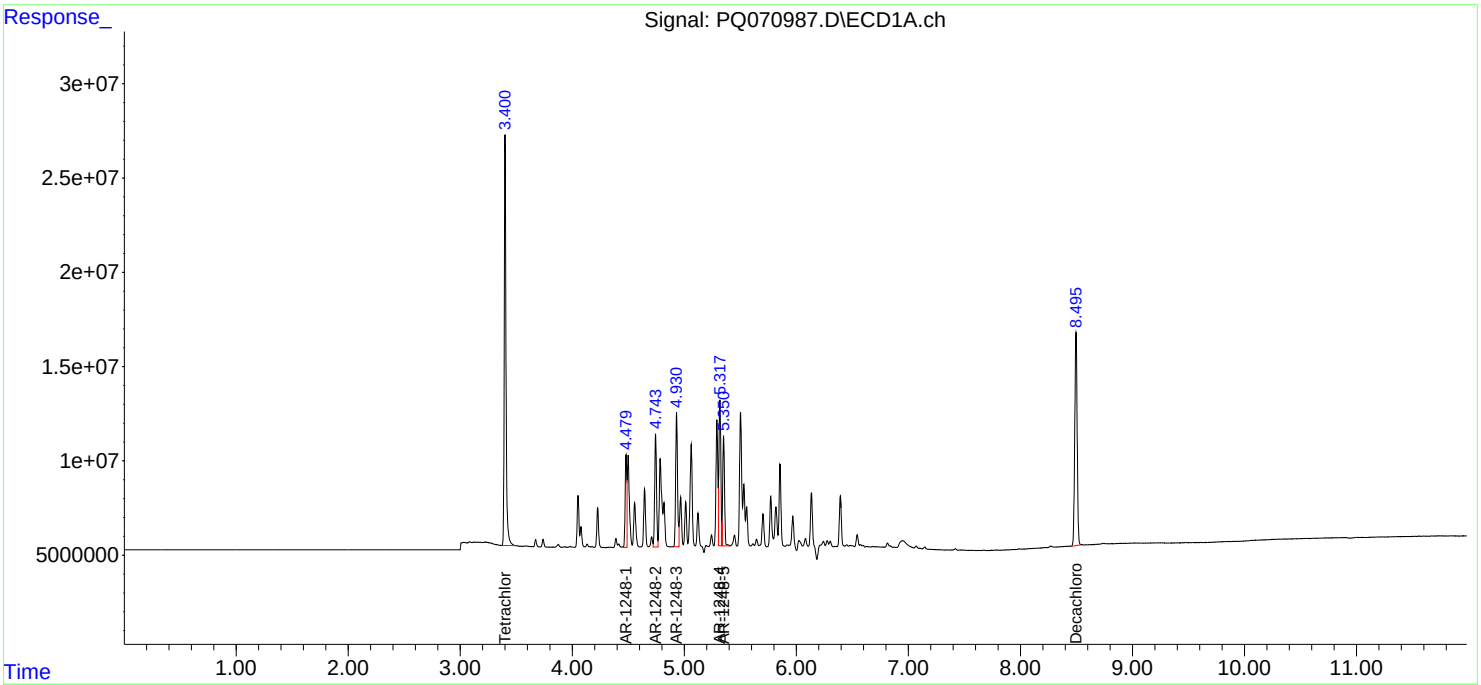
ICAL Form

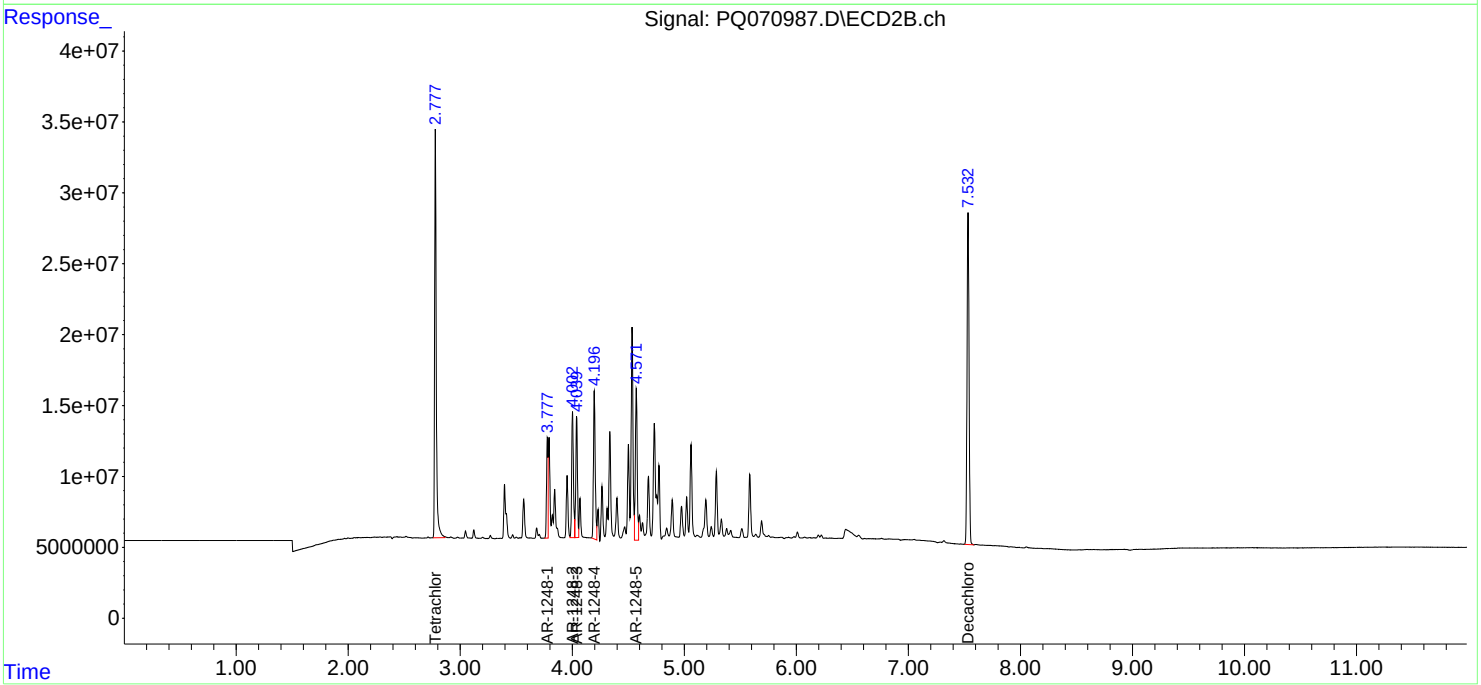
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070987.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:20
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

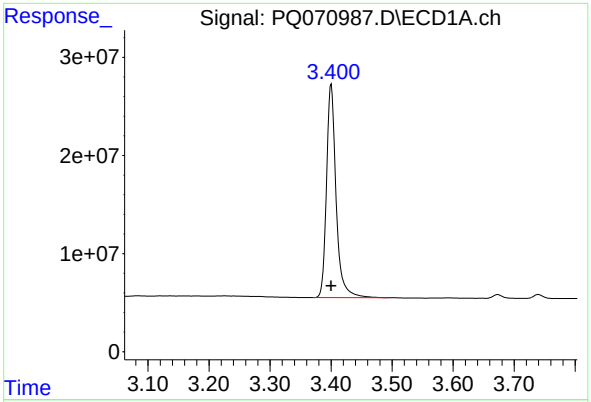
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:37:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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



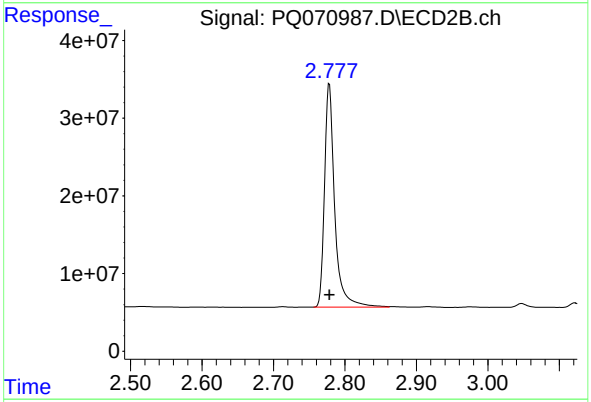




#1 Tetrachloro-m-xylene

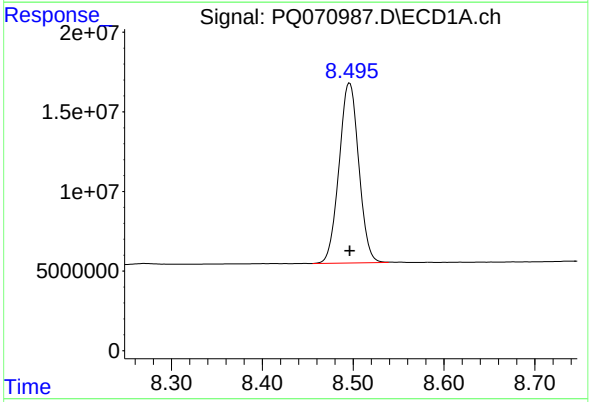
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 236970659
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



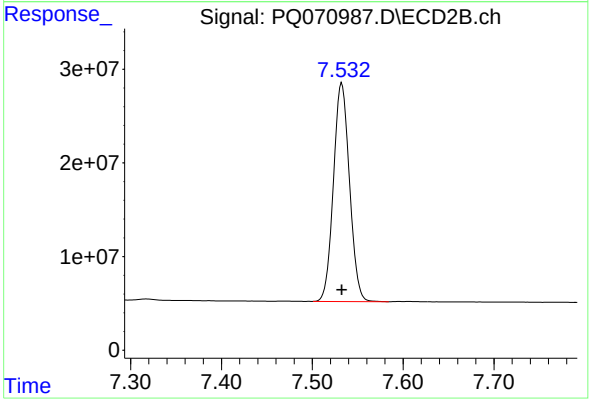
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286146810
Conc: 50.00 ng/ml



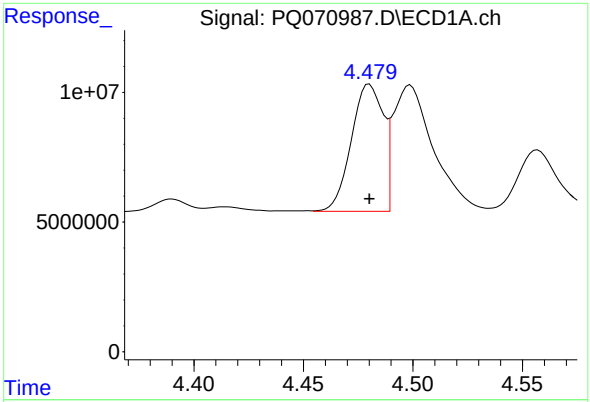
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 170138327
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

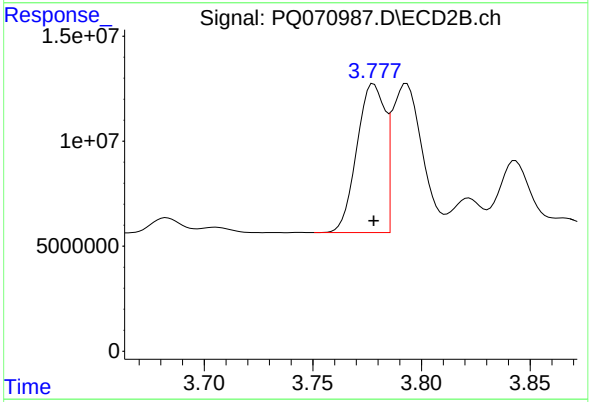
R.T.: 7.532 min
Delta R.T.: 0.000 min
Response: 286540483
Conc: 50.00 ng/ml



#21 AR-1248-1

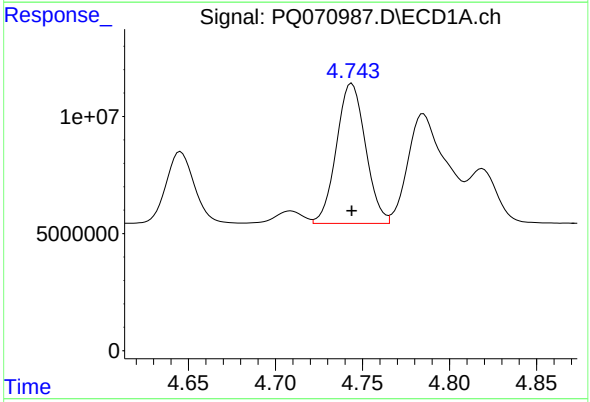
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 49639121
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



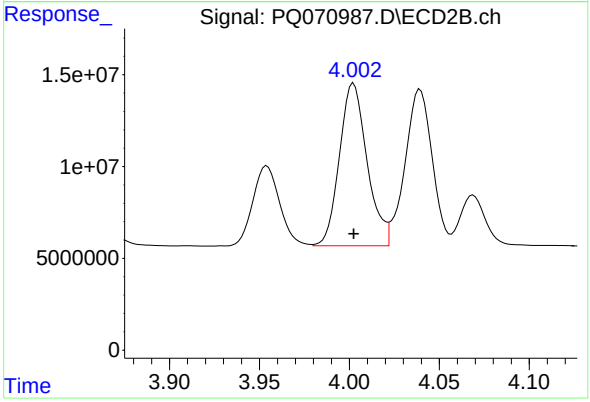
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 63721566
Conc: 500.00 ng/ml



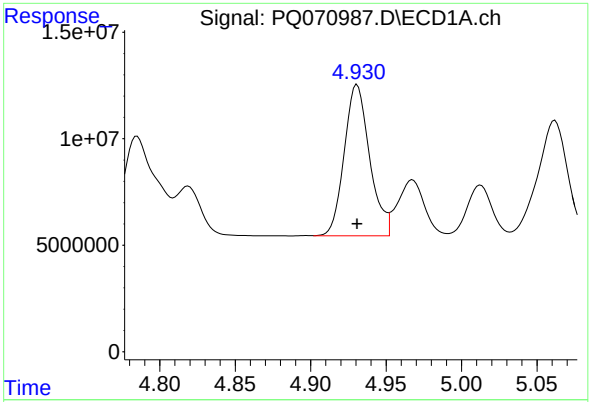
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 69450264
Conc: 500.00 ng/ml



#22 AR-1248-2

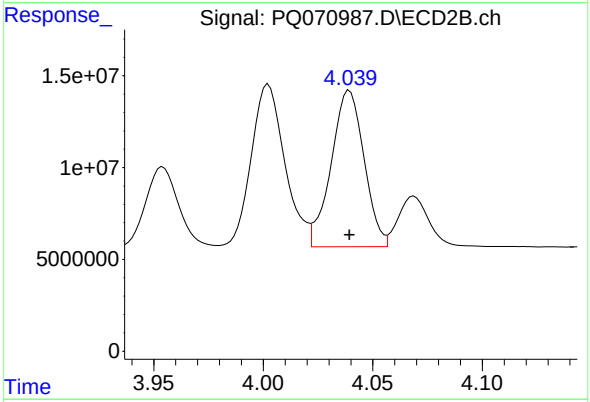
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 94662929
Conc: 500.00 ng/ml



#23 AR-1248-3

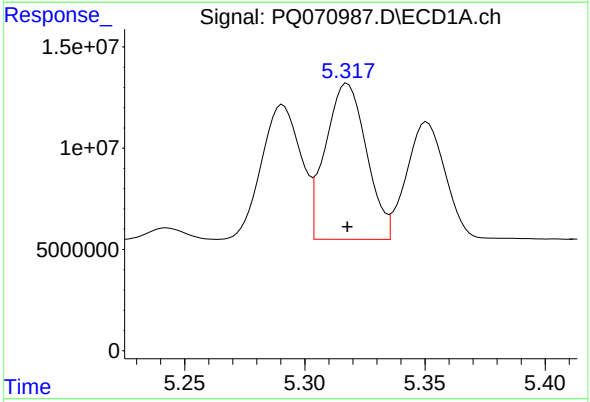
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 83073425
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



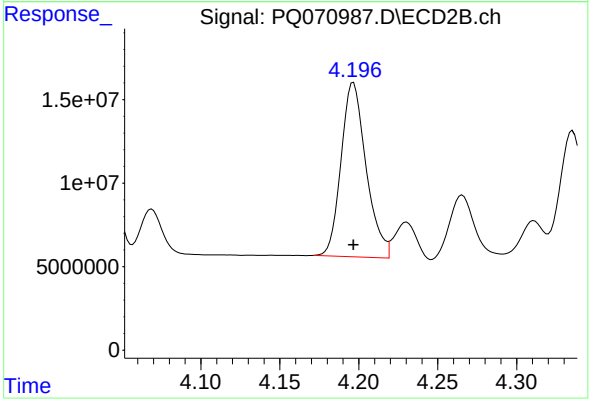
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 89108340
Conc: 500.00 ng/ml



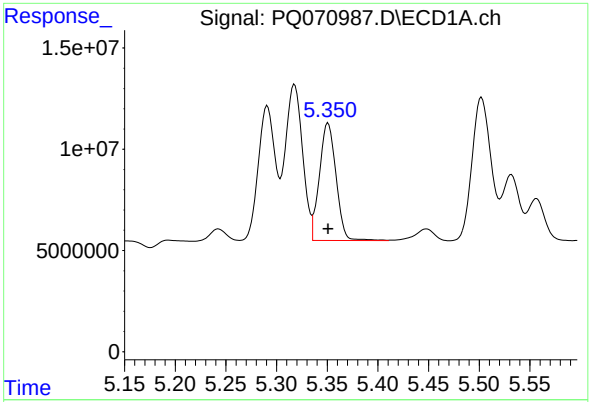
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 91413720
Conc: 500.00 ng/ml



#24 AR-1248-4

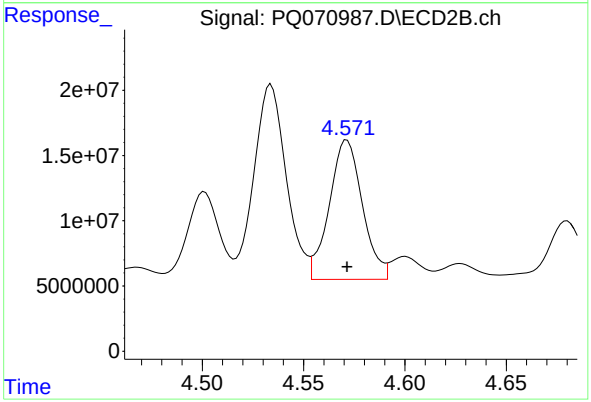
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 115324829
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 66105541
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 121715396
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:50:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	117.1E6	141.6E6	25.232	25.223
2)	SA Decachlor...	8.497	7.534	85869763	146.1E6	25.897	26.099
	Target Compounds						
21)	L5 AR-1248-1	4.481	3.778	24349976	33050222	256.699	265.233
22)	L5 AR-1248-2	4.744	4.002	35564341	49025433	263.550	266.409
23)	L5 AR-1248-3	4.931	4.039	41870274	45515698	260.002	259.790
24)	L5 AR-1248-4	5.318	4.196	46678299	58029144	263.071	262.398m
25)	L5 AR-1248-5	5.351	4.570	30347346	62706574	207.360	273.971m#

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1248ICC250
Misc :
ALS Vial : 18 Sample Multiplier: 1

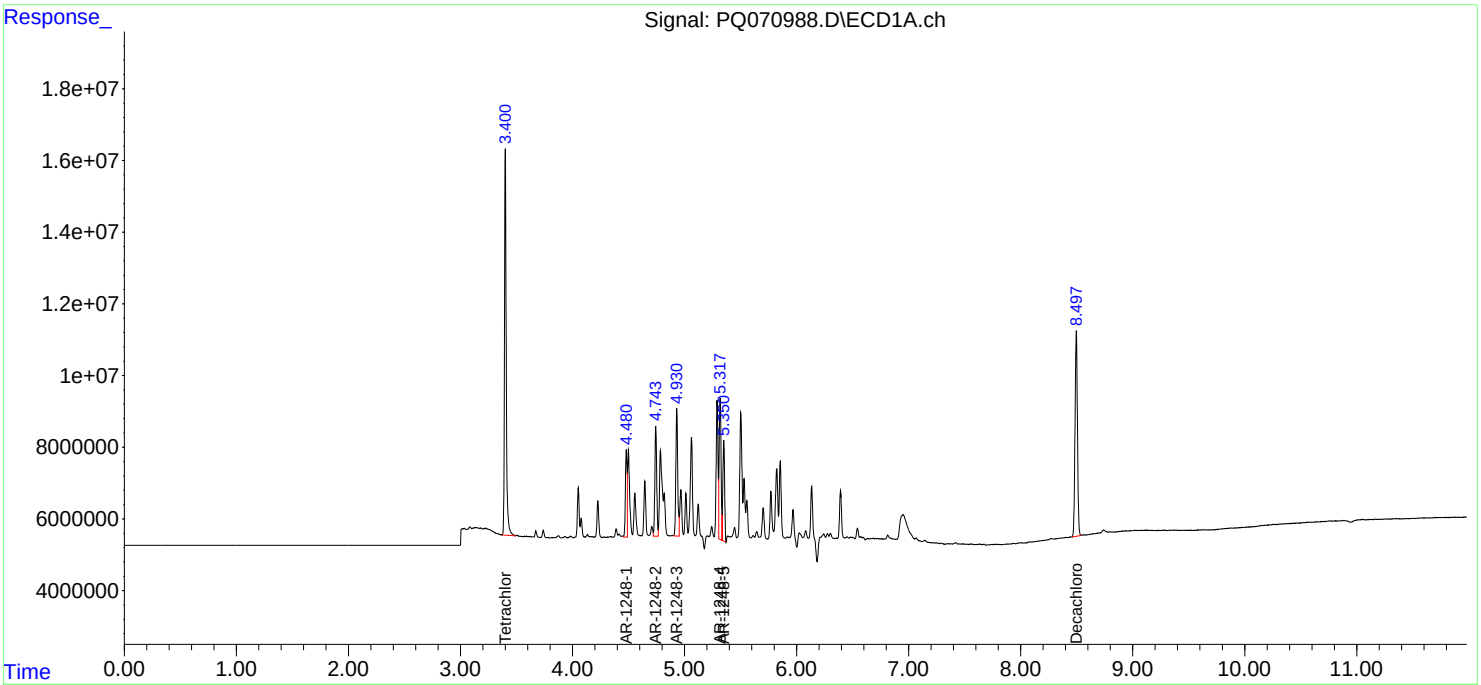
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

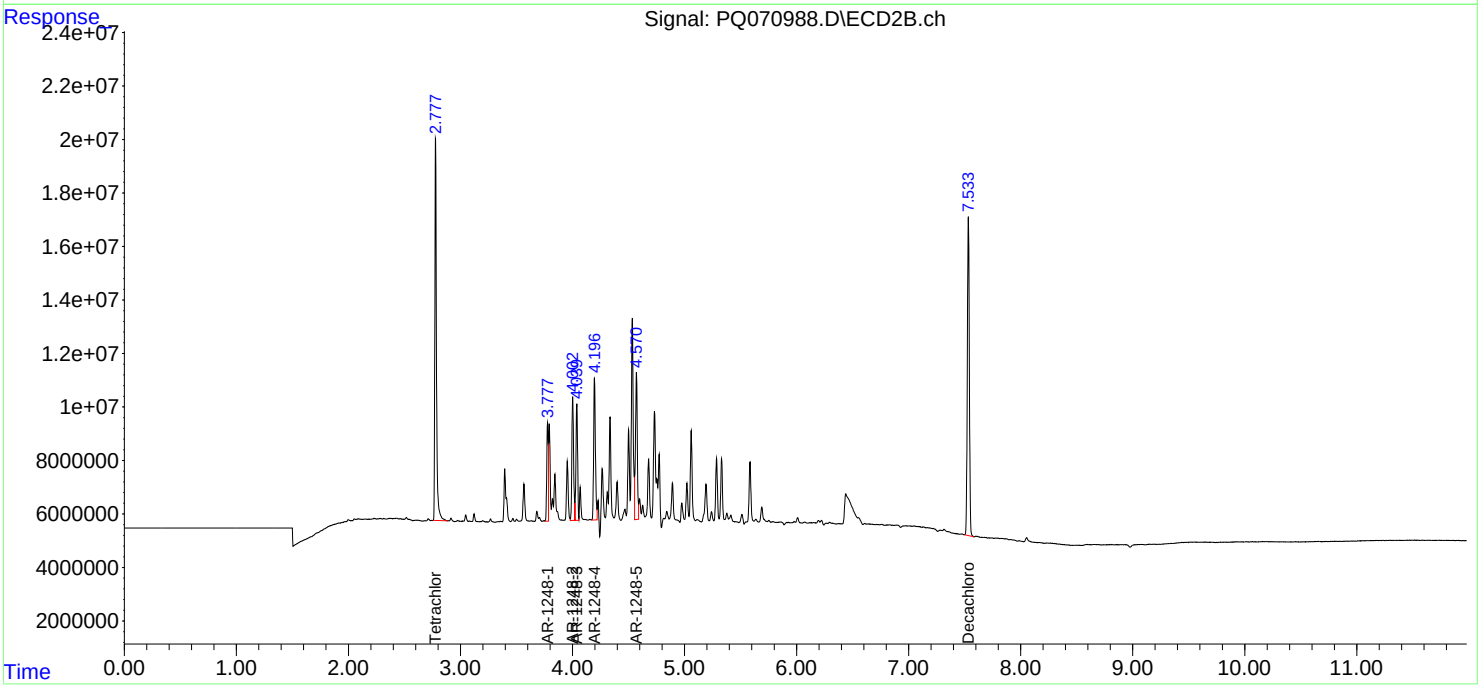
Manual Integrations APPROVED

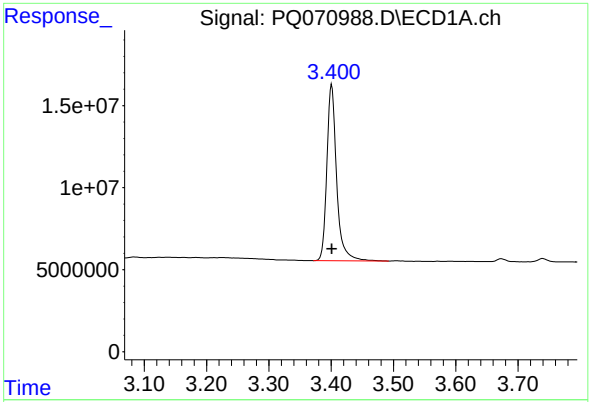
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 12:50:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 12:37:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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







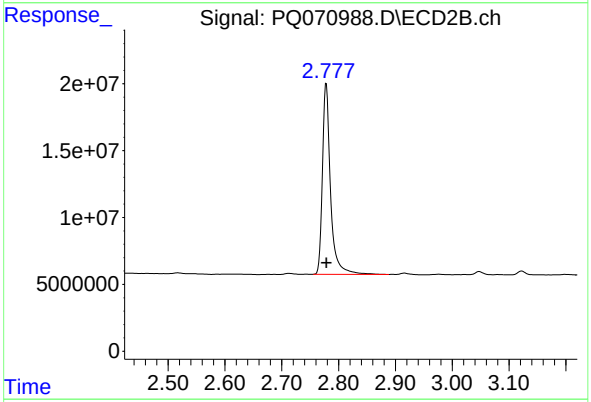
#1 Tetrachloro-m-xylene

R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 117145709
Conc: 25.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

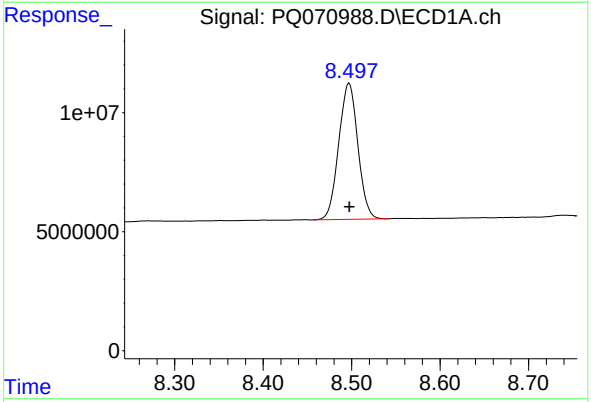
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



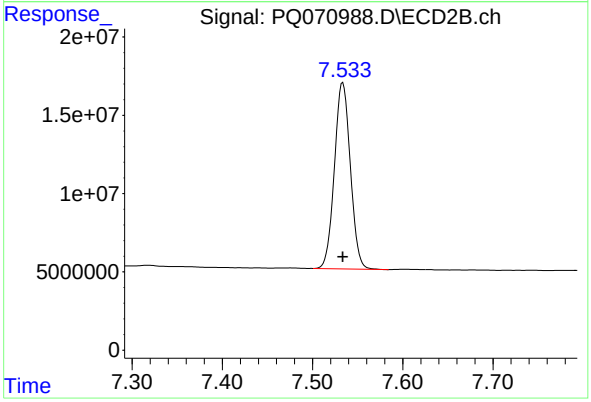
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 141612310
Conc: 25.22 ng/ml



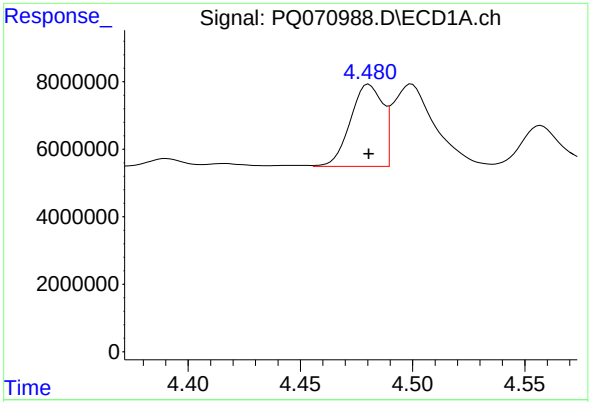
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85869763
Conc: 25.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 146109381
Conc: 26.10 ng/ml



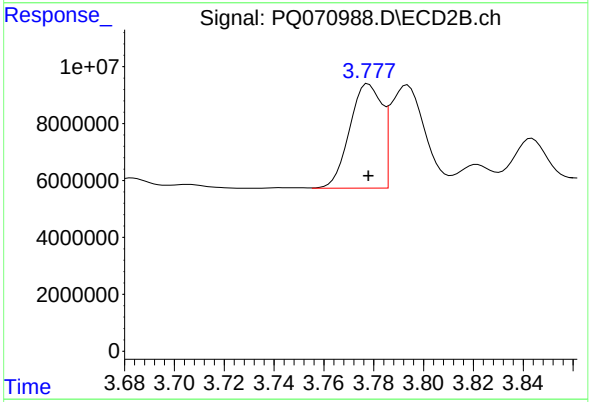
#21 AR-1248-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 24349976
Conc: 256.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

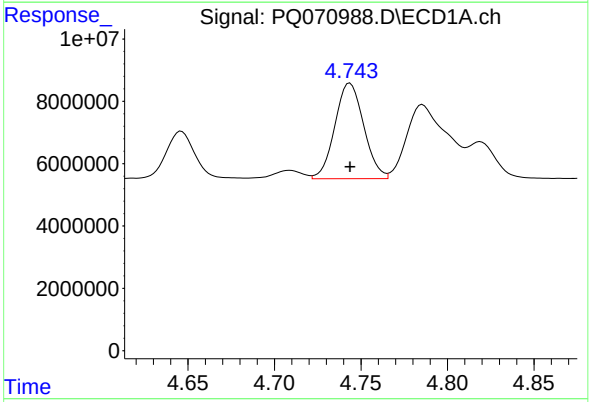
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



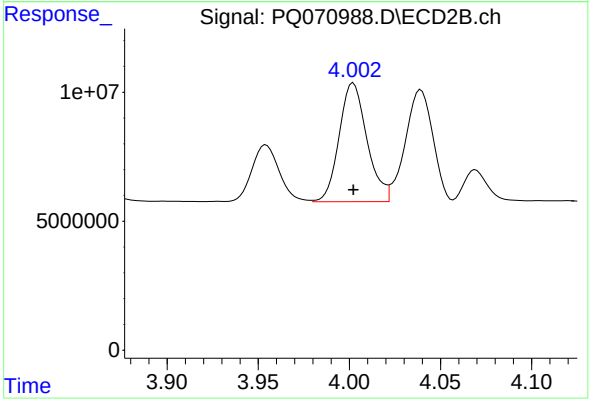
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 33050222
Conc: 265.23 ng/ml



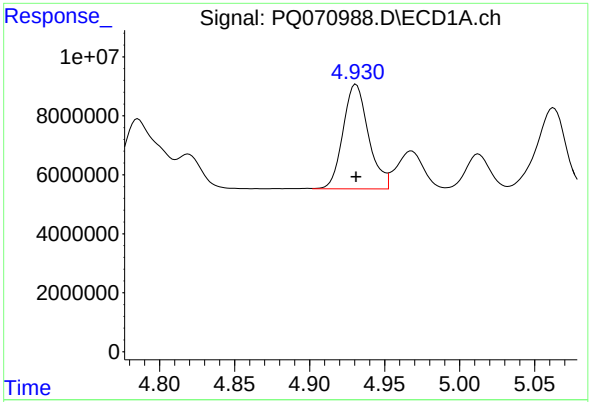
#22 AR-1248-2

R.T.: 4.744 min
Delta R.T.: 0.000 min
Response: 35564341
Conc: 263.55 ng/ml



#22 AR-1248-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 49025433
Conc: 266.41 ng/ml



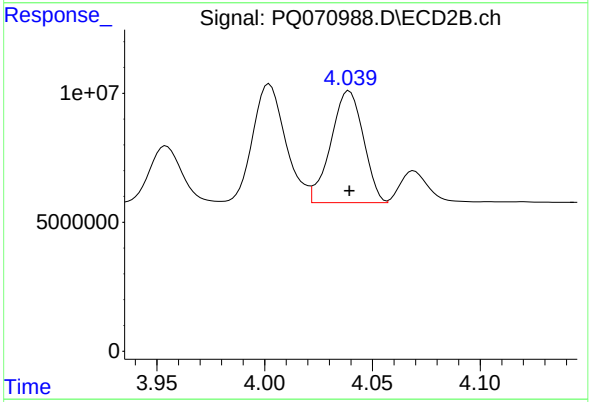
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 41870274
Conc: 260.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

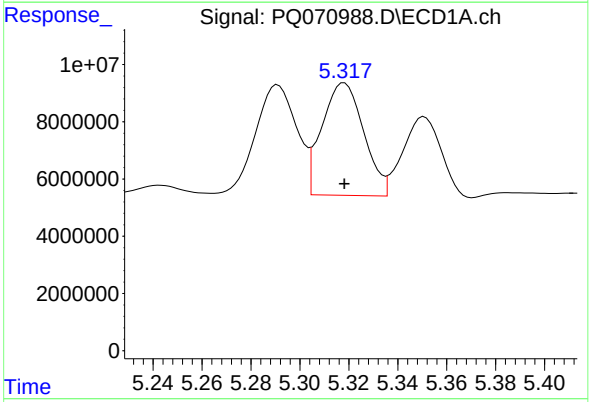
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



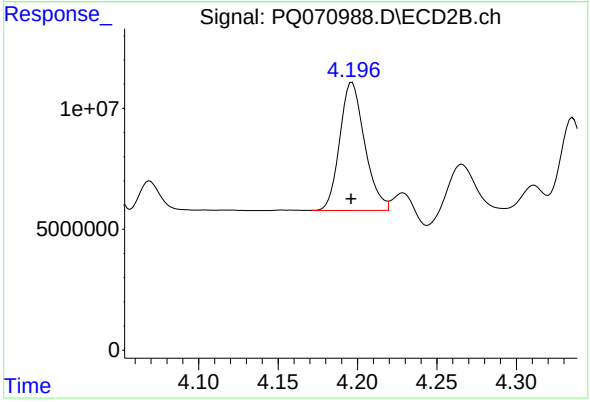
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 45515698
Conc: 259.79 ng/ml



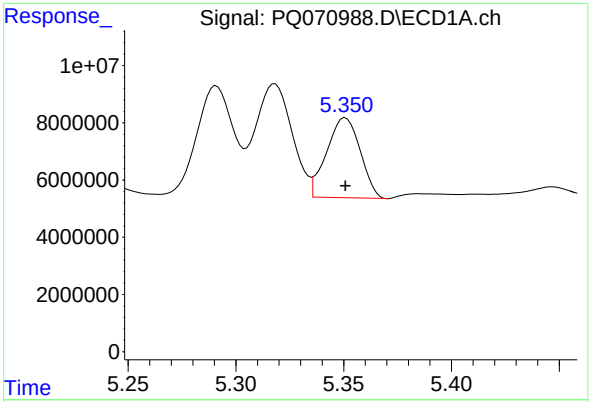
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 46678299
Conc: 263.07 ng/ml



#24 AR-1248-4

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 58029144
Conc: 262.40 ng/ml m



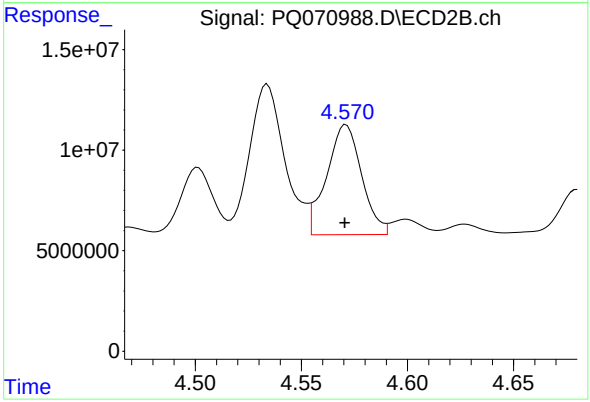
#25 AR-1248-5

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 30347346
Conc: 207.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC250

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#25 AR-1248-5

R.T.: 4.570 min
Delta R.T.: 0.000 min
Response: 62706574
Conc: 273.97 ng/ml m

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:30:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	22591108	27044968	4.892	4.853
2)	SA Decachlor...	8.497	7.534	16769582	30654485	5.046	5.373
	Target Compounds						
21)	L5 AR-1248-1	4.481	3.778	3394569	6701586	37.943	52.980 #
22)	L5 AR-1248-2	4.743	4.002	7123103	10336252	52.204	54.816
23)	L5 AR-1248-3	4.931	4.039	8138224	9873376	50.428	54.957
24)	L5 AR-1248-4	5.318	4.197	7886075	11863237	45.455	52.883
25)	L5 AR-1248-5	5.352	4.571	7959257	12107881	53.447	52.000

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

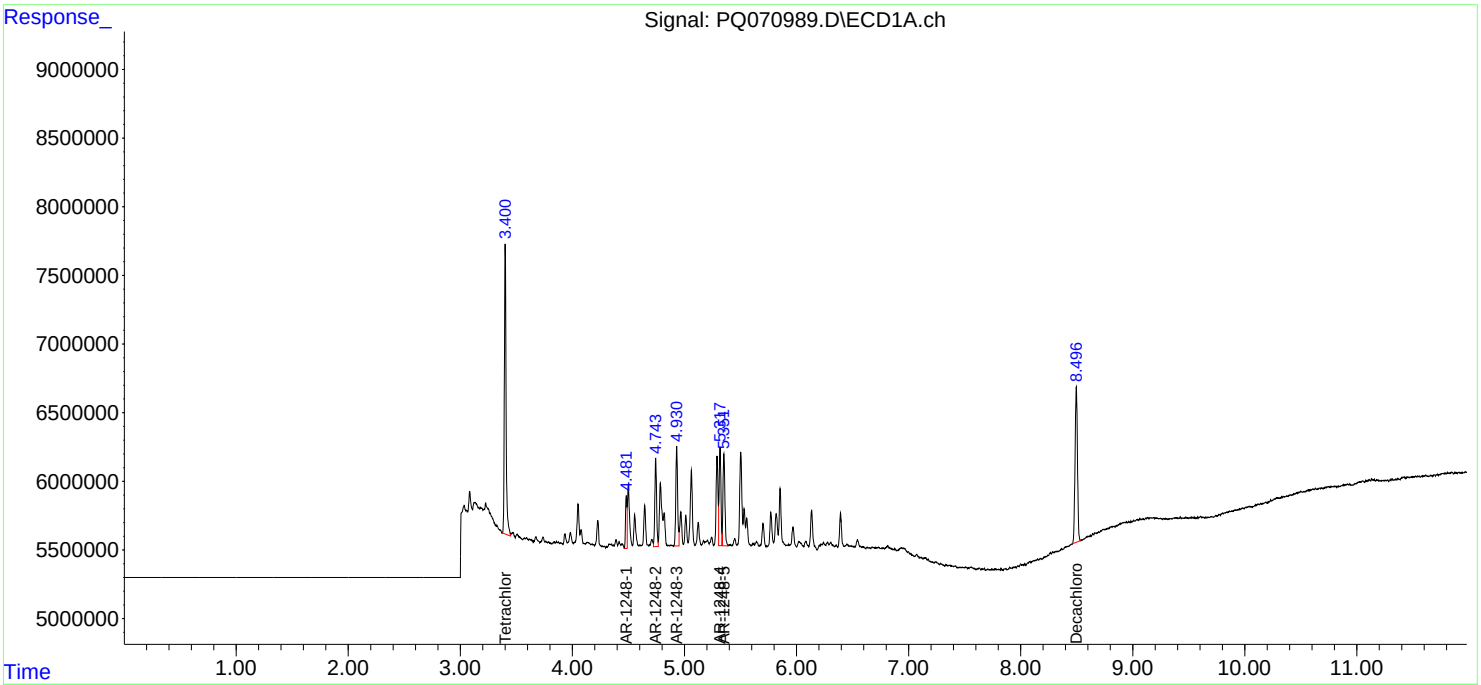
ICAL Form

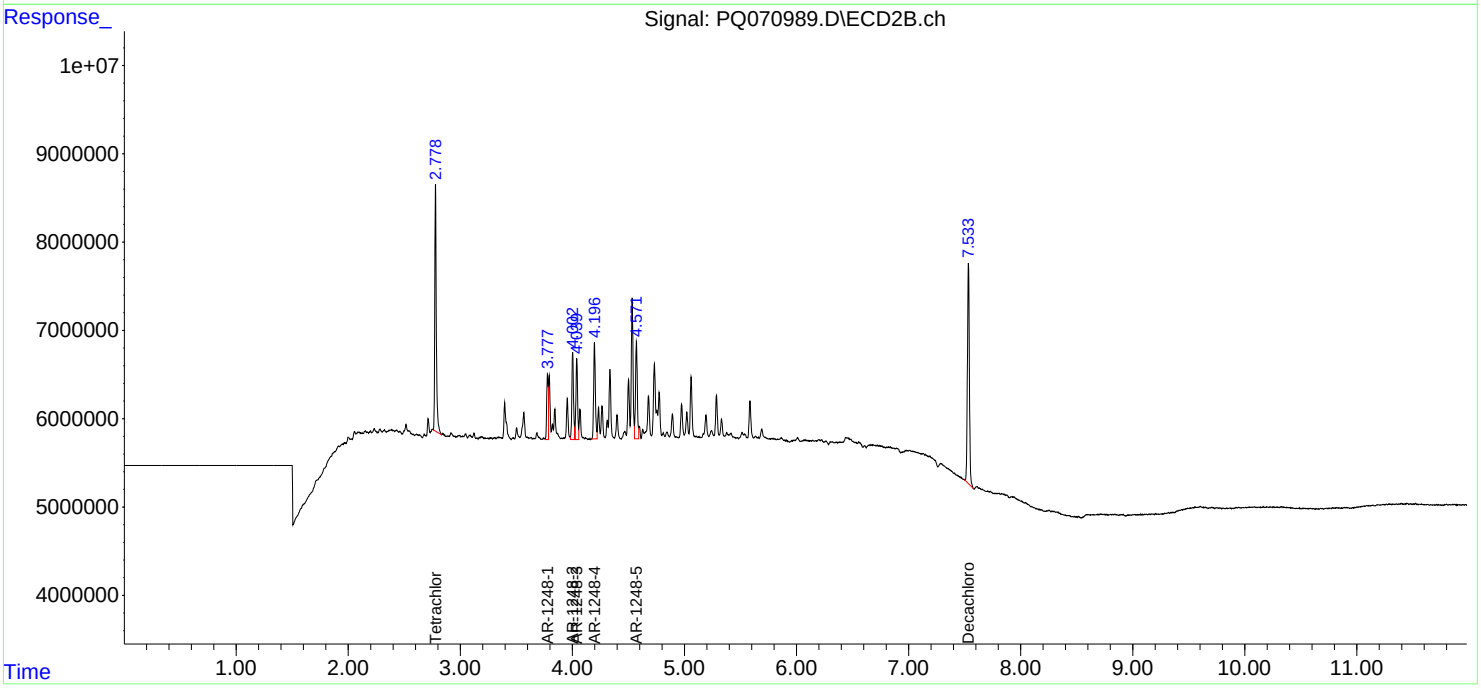
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070989.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 12:50
Operator : YP\AJ
Sample : AR1248ICC050
Misc :
ALS Vial : 19 Sample Multiplier: 1

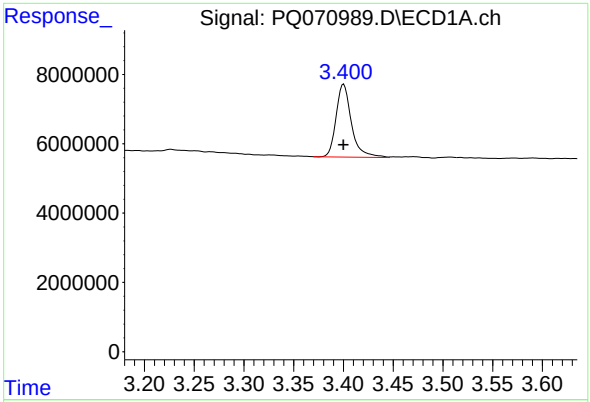
Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:31:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:30:55 2025
Response via : Initial Calibration
Integrator: ChemStation

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



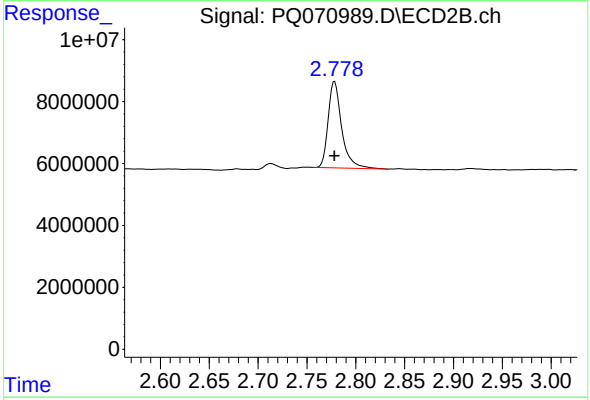




#1 Tetrachloro-m-xylene

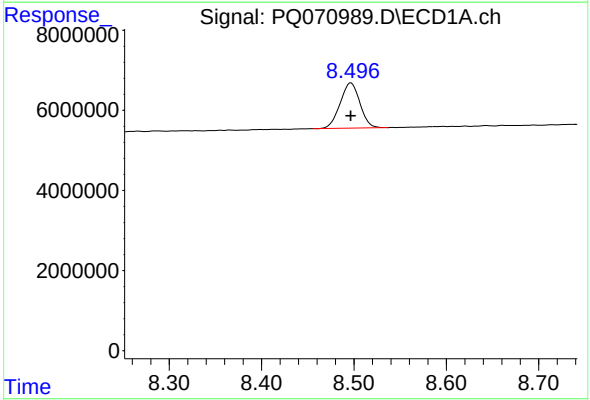
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 22591108
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



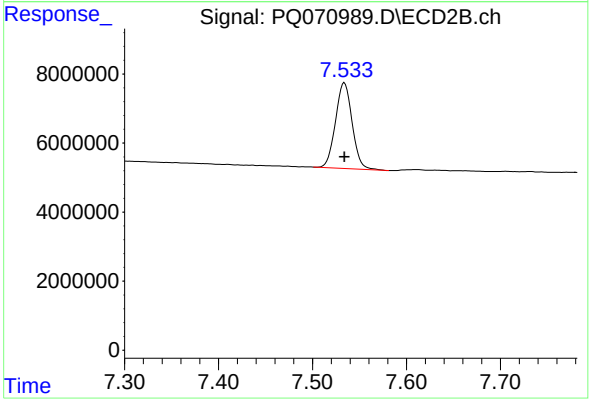
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 27044968
Conc: 4.85 ng/ml



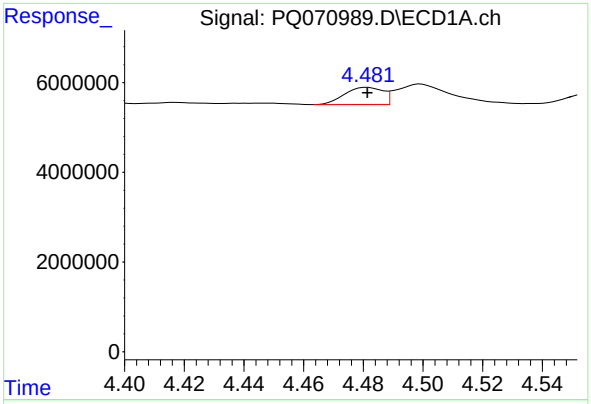
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 16769582
Conc: 5.05 ng/ml



#2 Decachlorobiphenyl

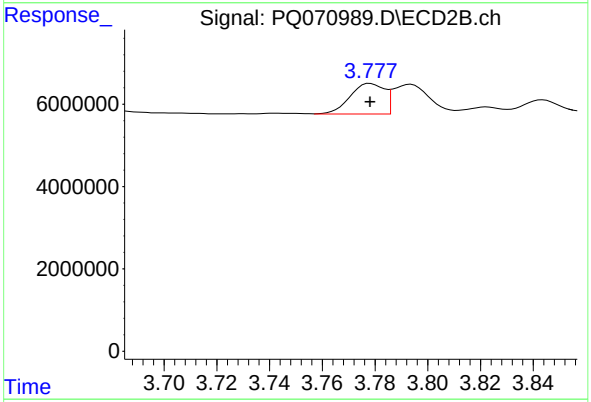
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30654485
Conc: 5.37 ng/ml



#21 AR-1248-1

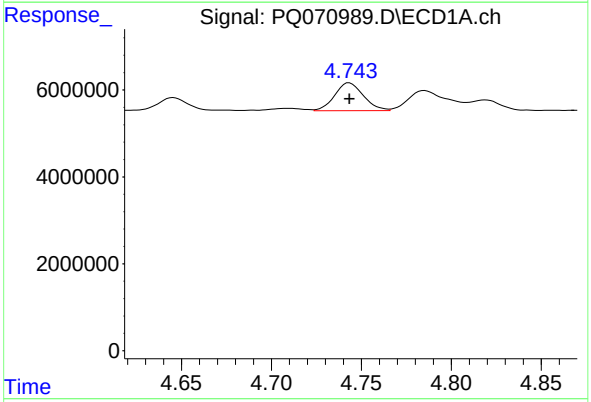
R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 3394569
Conc: 37.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



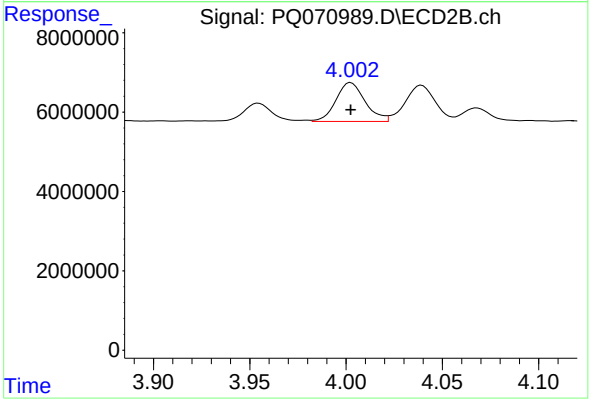
#21 AR-1248-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 6701586
Conc: 52.98 ng/ml



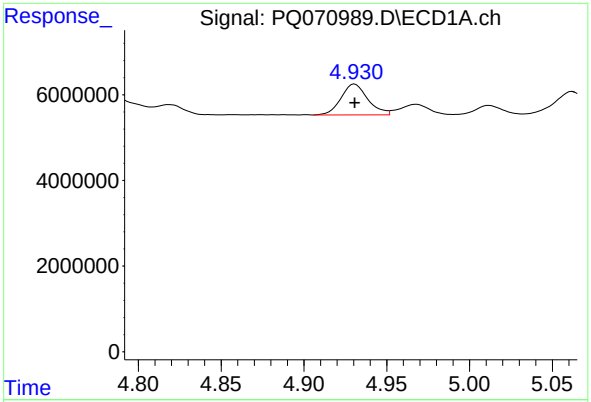
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 7123103
Conc: 52.20 ng/ml



#22 AR-1248-2

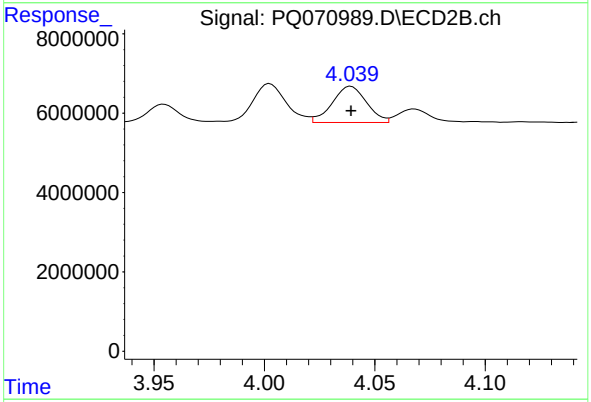
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 10336252
Conc: 54.82 ng/ml



#23 AR-1248-3

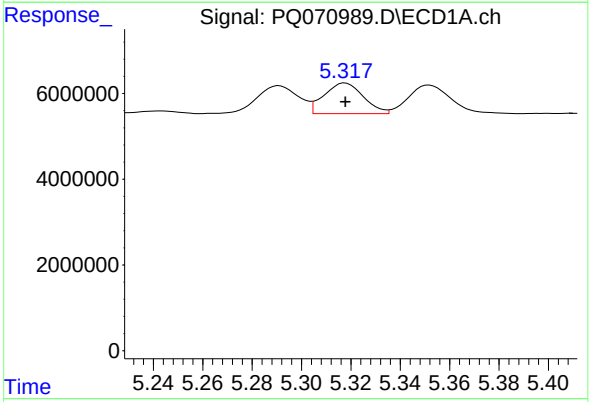
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 8138224
Conc: 50.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



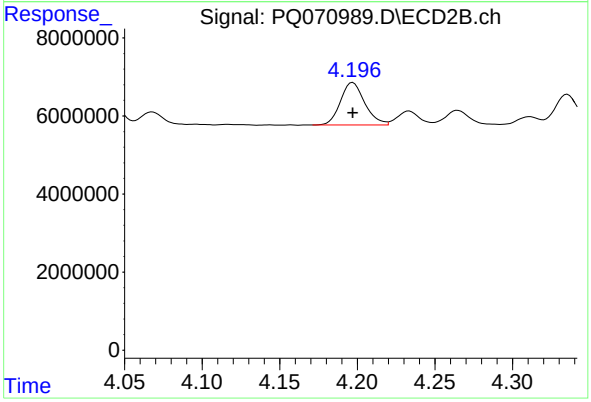
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 9873376
Conc: 54.96 ng/ml



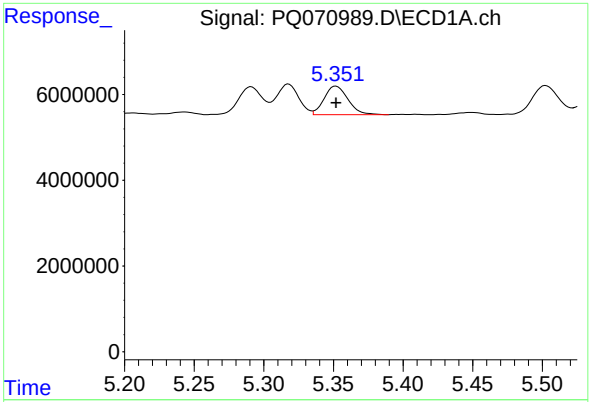
#24 AR-1248-4

R.T.: 5.318 min
Delta R.T.: 0.000 min
Response: 7886075
Conc: 45.45 ng/ml



#24 AR-1248-4

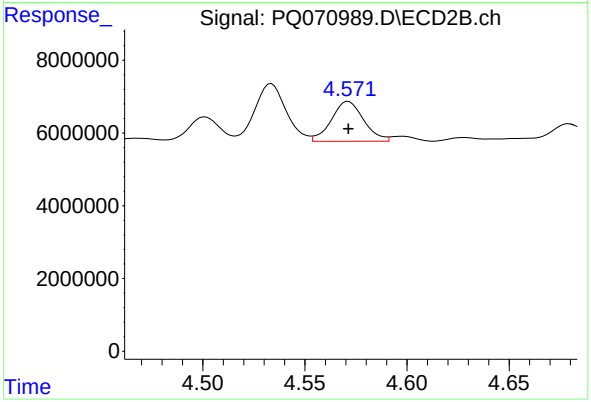
R.T.: 4.197 min
Delta R.T.: 0.000 min
Response: 11863237
Conc: 52.88 ng/ml



#25 AR-1248-5

R.T.: 5.352 min
Delta R.T.: 0.000 min
Response: 7959257
Conc: 53.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1248ICC050



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 12107881
Conc: 52.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:53:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:52:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	445.0E6	531.2E6	98.289	98.401
2)	SA Decachlor...	8.496	7.533	313.6E6	536.1E6	97.450	96.785
	Target Compounds						
26)	L6 AR-1254-1	5.292	4.533	186.3E6	326.1E6	963.814	971.106
27)	L6 AR-1254-2	5.507	4.680	272.5E6	283.8E6	950.975	964.208
28)	L6 AR-1254-3	5.855	5.060	294.5E6	455.8E6	960.789	969.392
29)	L6 AR-1254-4	6.135	5.286	212.6E6	291.4E6	961.211	971.453
30)	L6 AR-1254-5	6.543	5.690	229.1E6	417.5E6	971.418	974.299

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

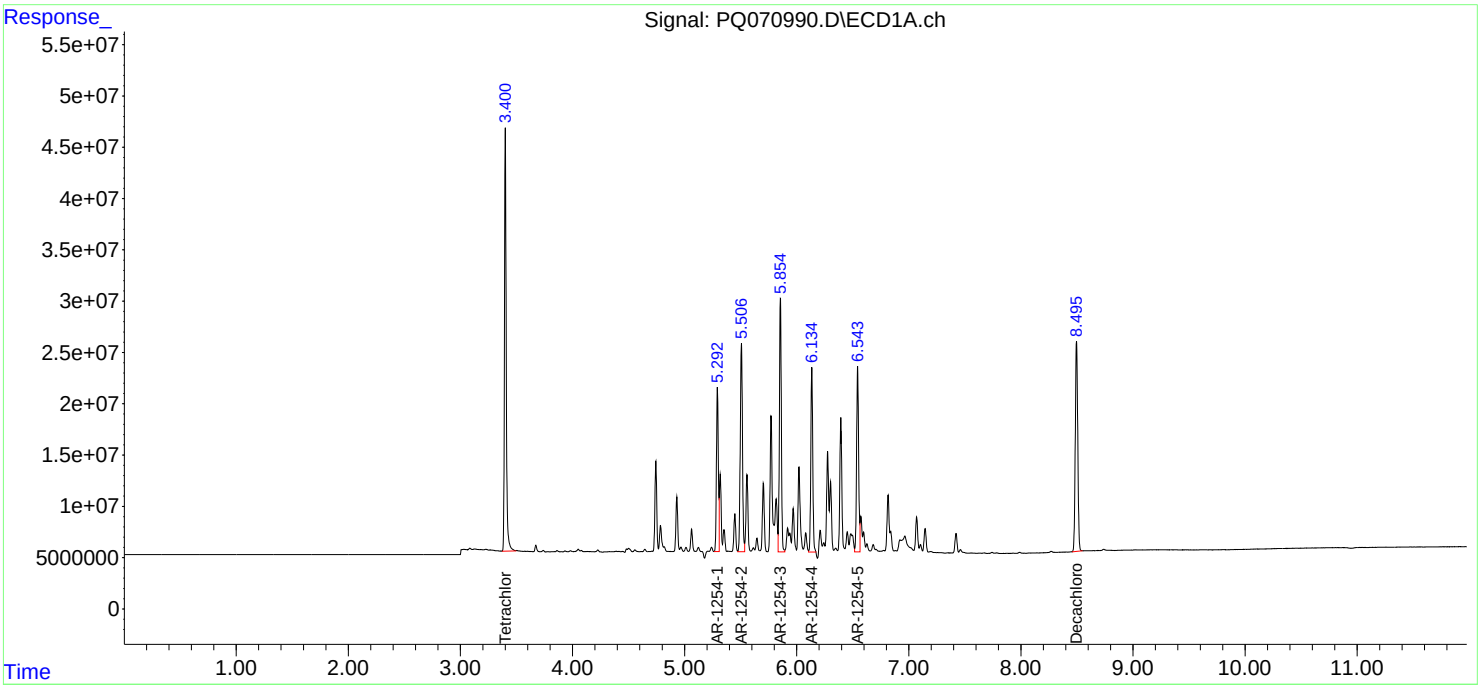
ICAL Form

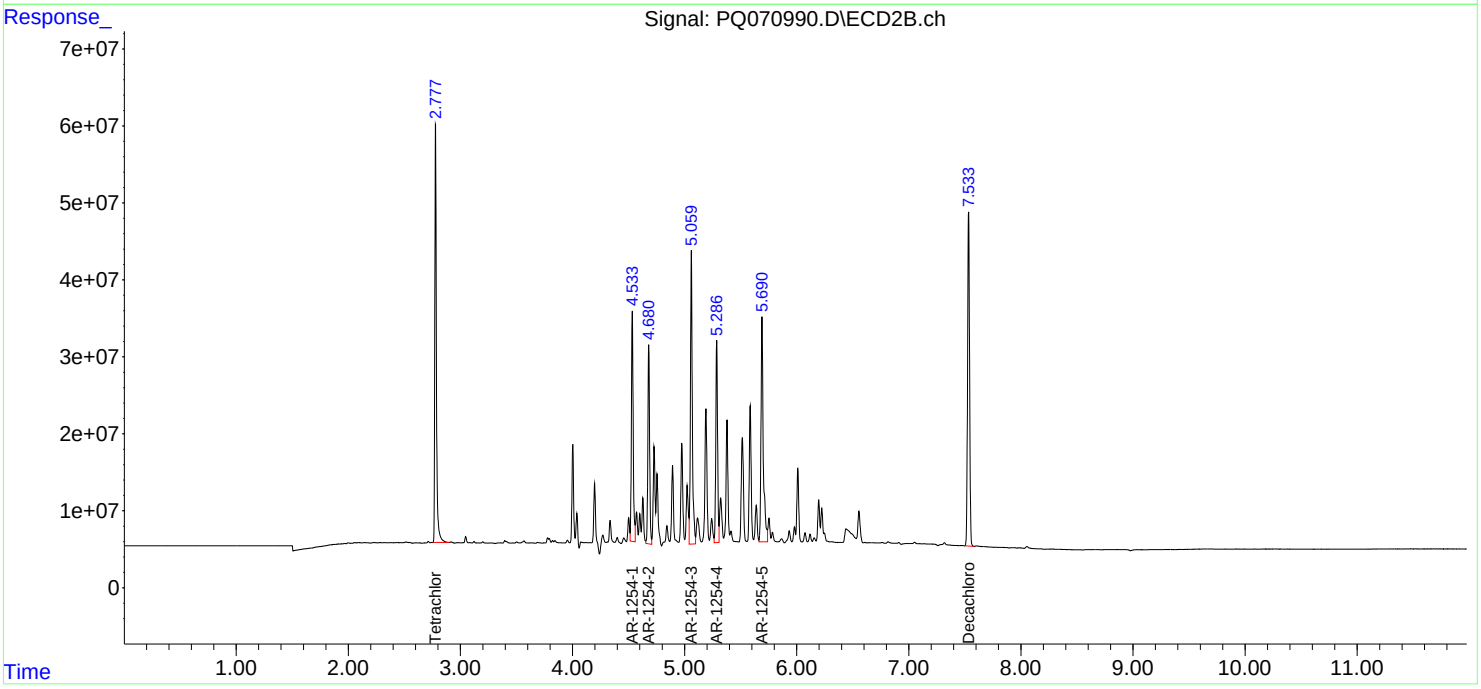
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070990.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:04
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

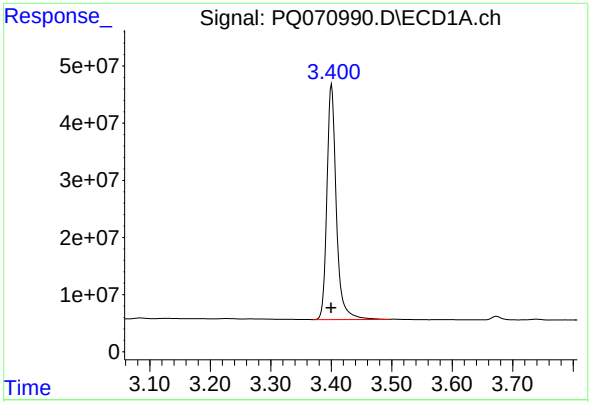
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:53:43 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:52:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



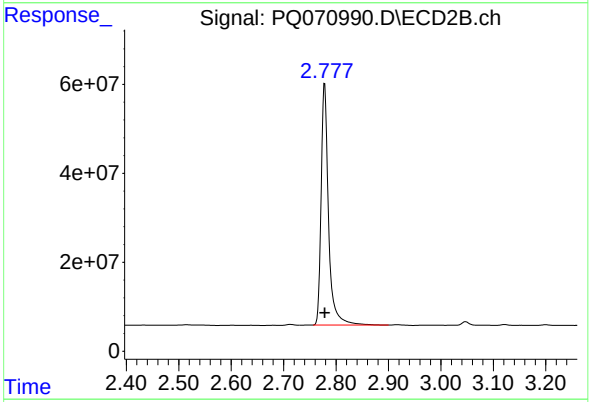




#1 Tetrachloro-m-xylene

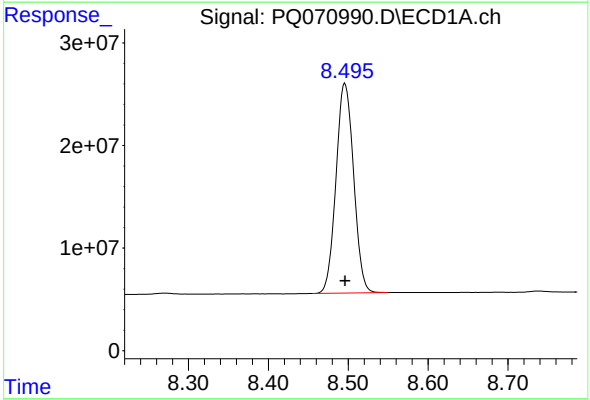
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 444955148
Conc: 98.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



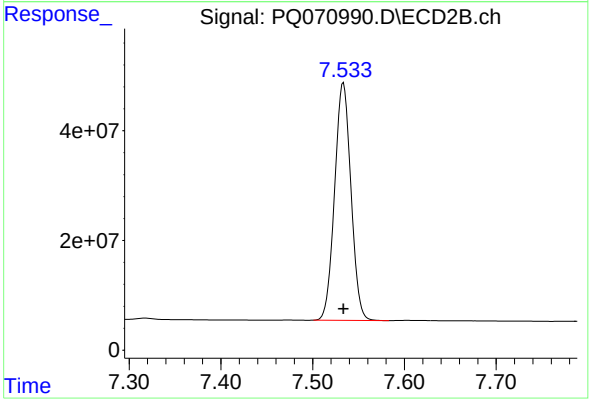
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 531185695
Conc: 98.40 ng/ml



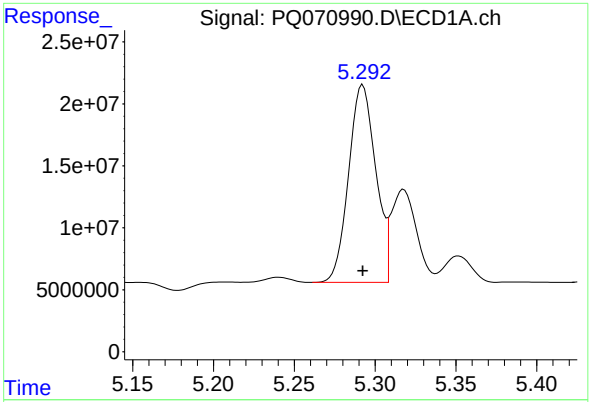
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 313599352
Conc: 97.45 ng/ml



#2 Decachlorobiphenyl

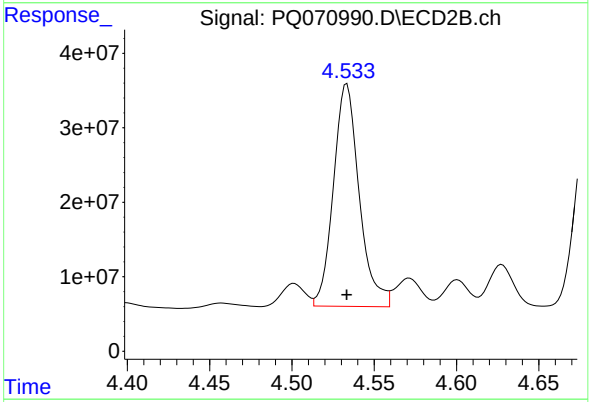
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 536076382
Conc: 96.79 ng/ml



#26 AR-1254-1

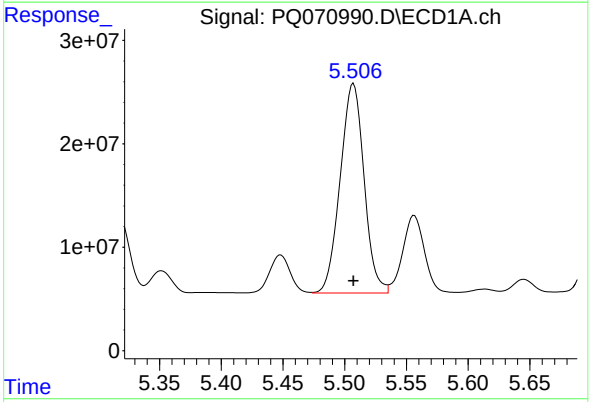
R.T.: 5.292 min
Delta R.T.: 0.000 min
Response: 186317660
Conc: 963.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



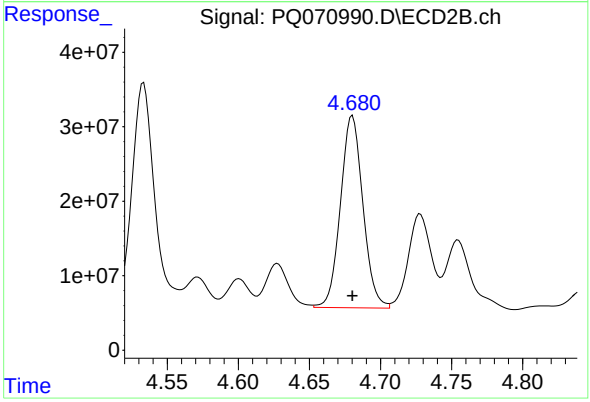
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 326099704
Conc: 971.11 ng/ml



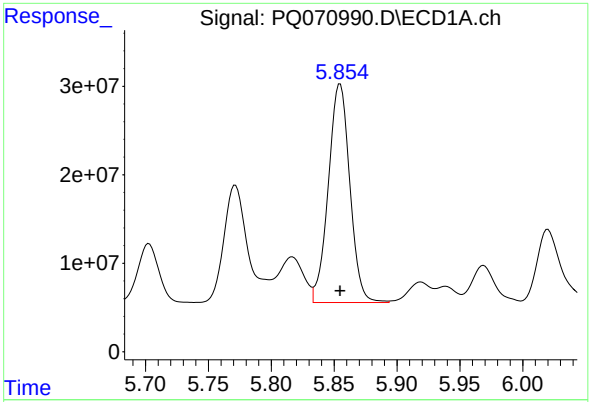
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 272465681
Conc: 950.97 ng/ml



#27 AR-1254-2

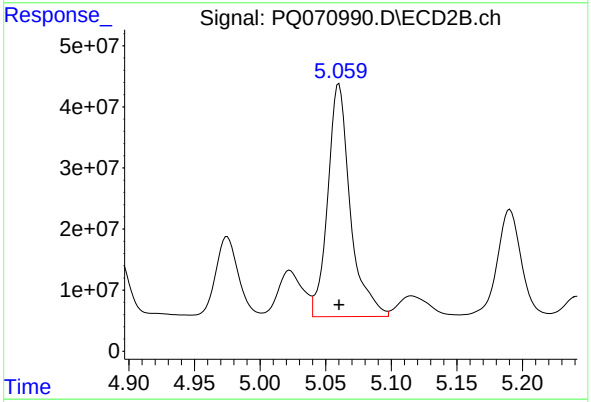
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 283781194
Conc: 964.21 ng/ml



#28 AR-1254-3

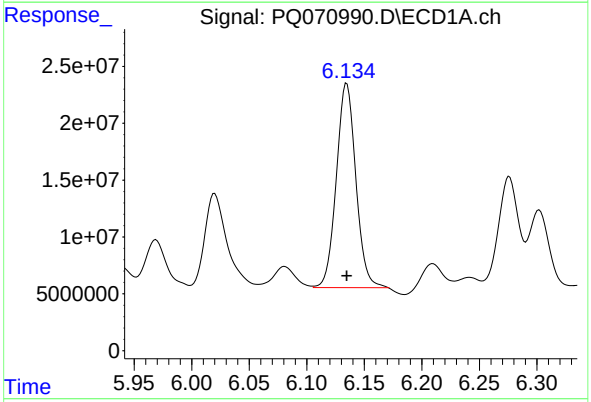
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 294493285
Conc: 960.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



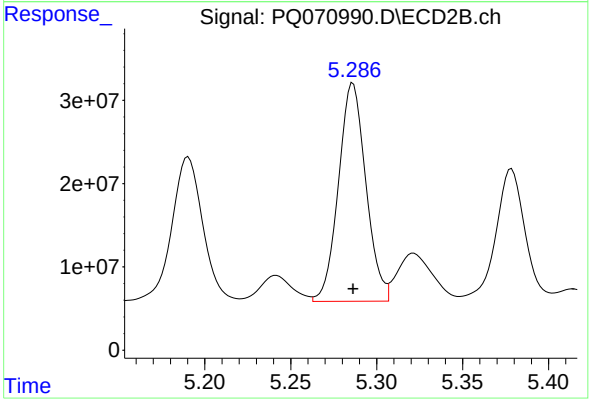
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 455841488
Conc: 969.39 ng/ml



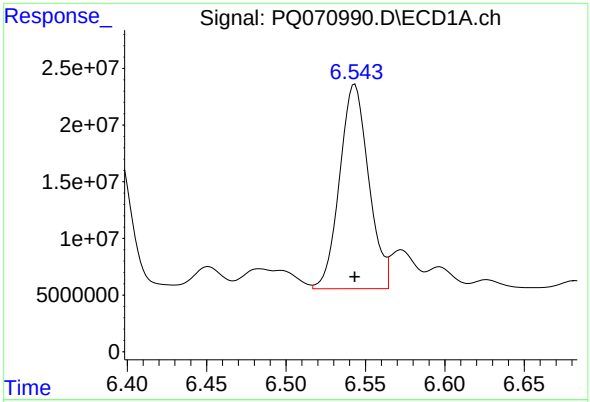
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 212636724
Conc: 961.21 ng/ml



#29 AR-1254-4

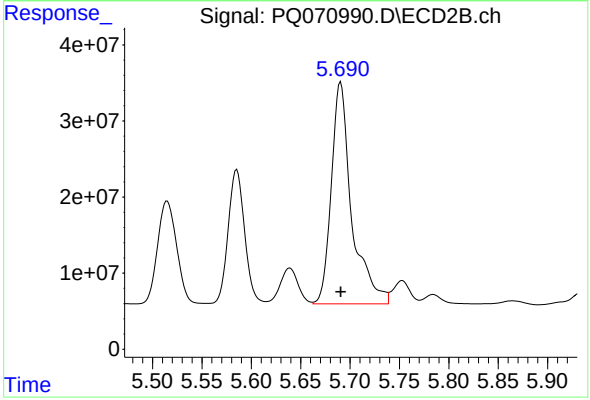
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 291449906
Conc: 971.45 ng/ml



#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 229095618
Conc: 971.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 417470468
Conc: 974.30 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	343.8E6	408.9E6	75.627	75.492
2)	SA Decachlor...	8.496	7.534	242.8E6	418.3E6	75.295	75.344
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.533	148.7E6	256.0E6	762.565	758.137
27)	L6 AR-1254-2	5.507	4.680	225.9E6	226.8E6	775.187	763.504
28)	L6 AR-1254-3	5.854	5.060	240.1E6	358.2E6	771.902	757.733
29)	L6 AR-1254-4	6.134	5.286	174.5E6	227.3E6	775.397	755.024
30)	L6 AR-1254-5	6.544	5.690	180.8E6	320.3E6	761.088	748.361

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

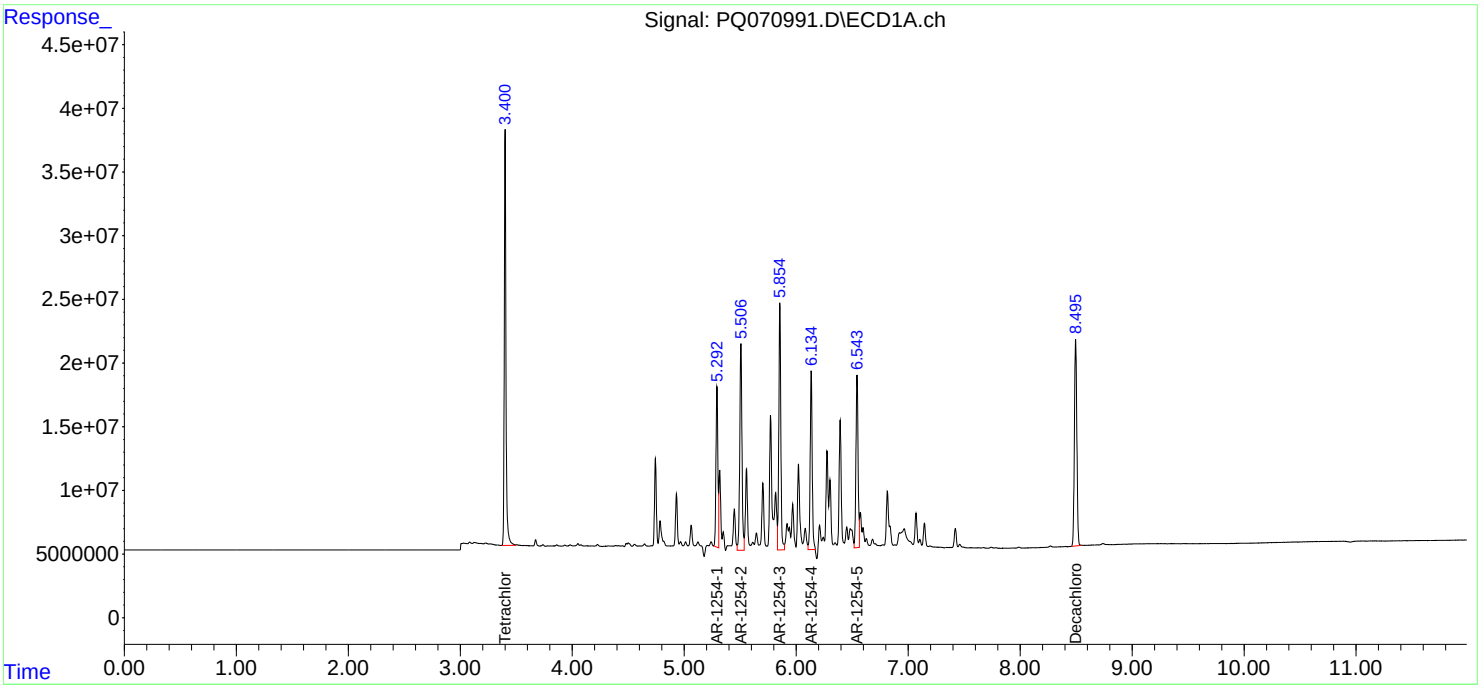
ICAL Form

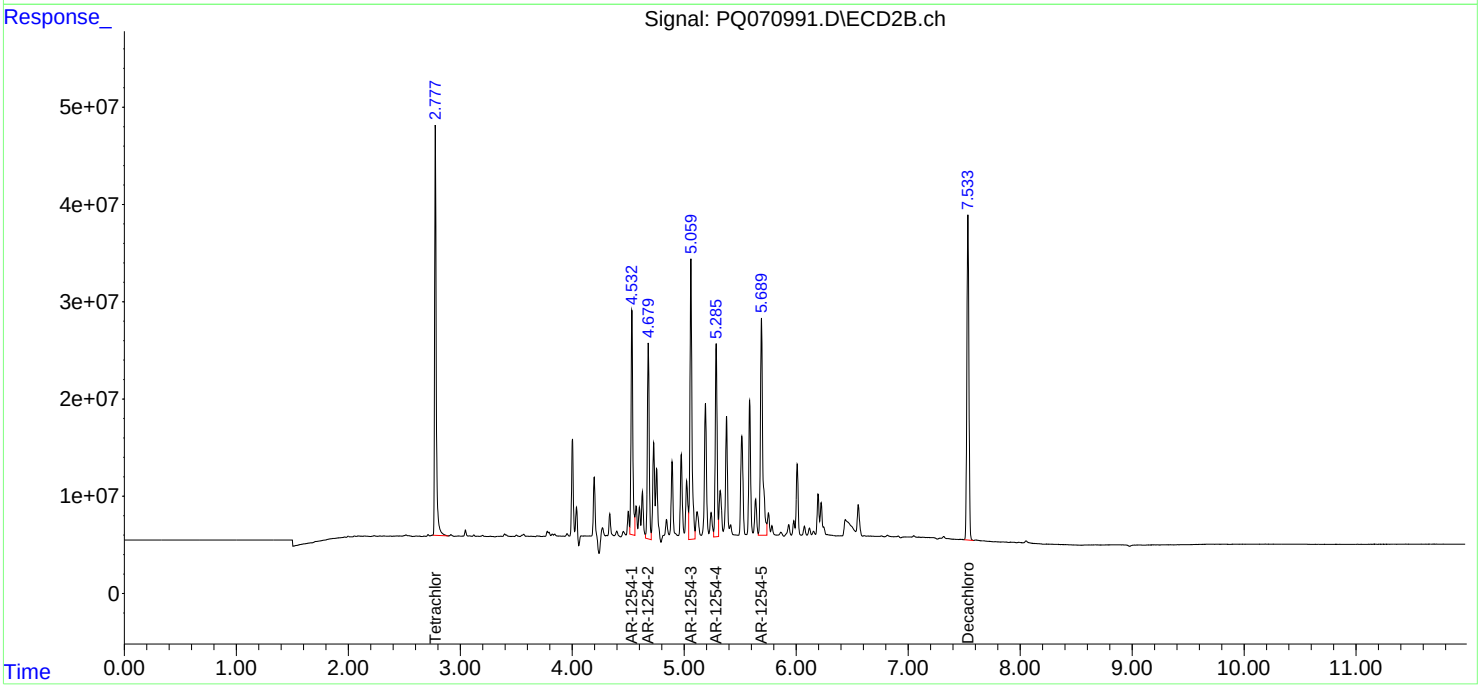
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070991.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:19
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

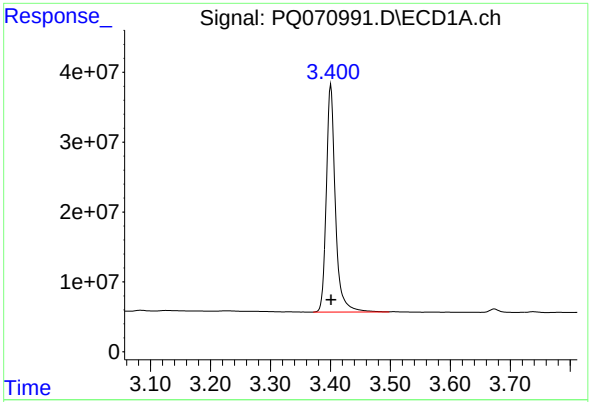
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:59:55 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:59:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



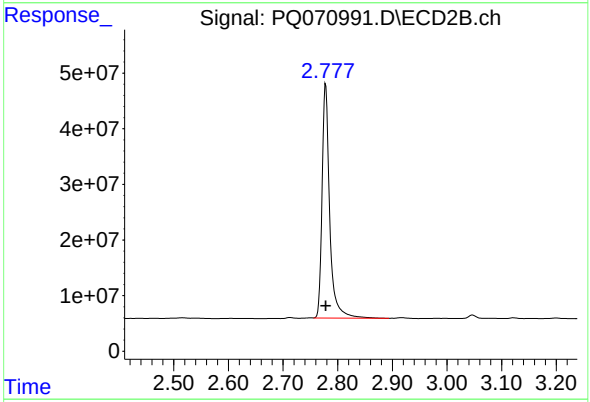




#1 Tetrachloro-m-xylene

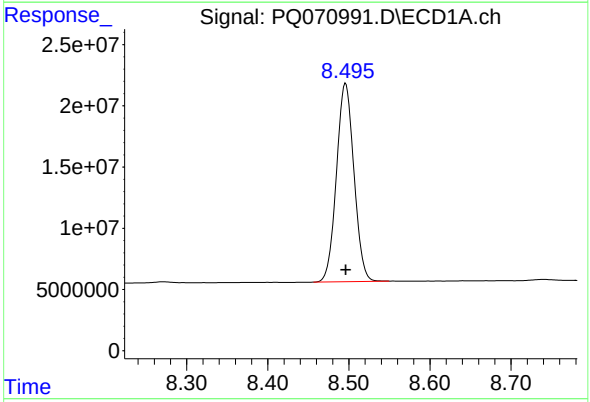
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 343803158
Conc: 75.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



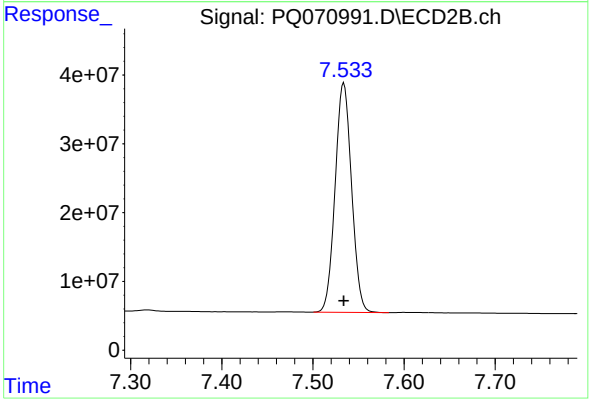
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 408857170
Conc: 75.49 ng/ml



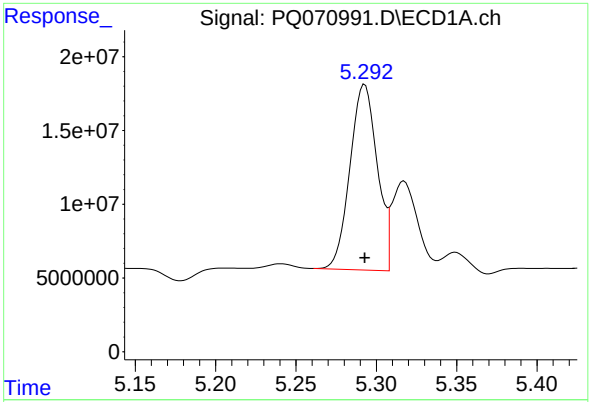
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 242779345
Conc: 75.29 ng/ml



#2 Decachlorobiphenyl

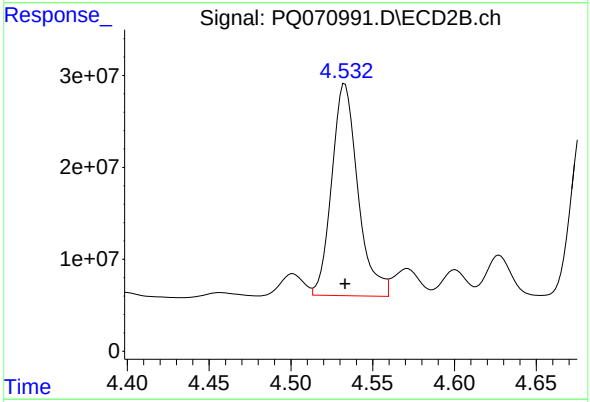
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 418279983
Conc: 75.34 ng/ml



#26 AR-1254-1

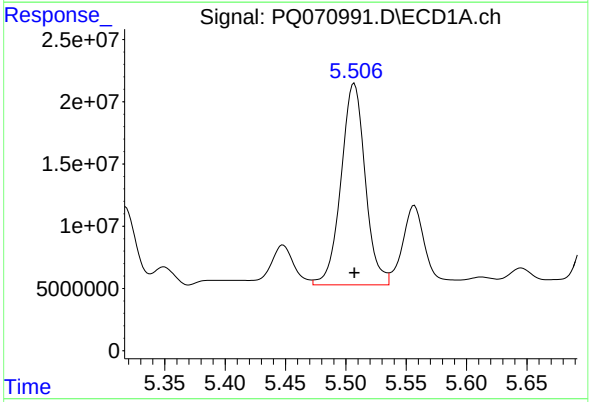
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 148659073
Conc: 762.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



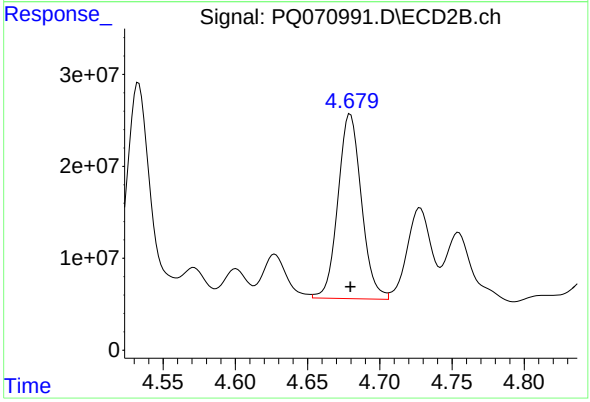
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 255973065
Conc: 758.14 ng/ml



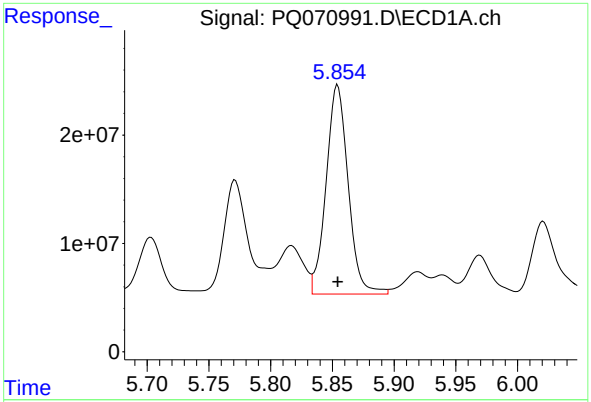
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 225893559
Conc: 775.19 ng/ml



#27 AR-1254-2

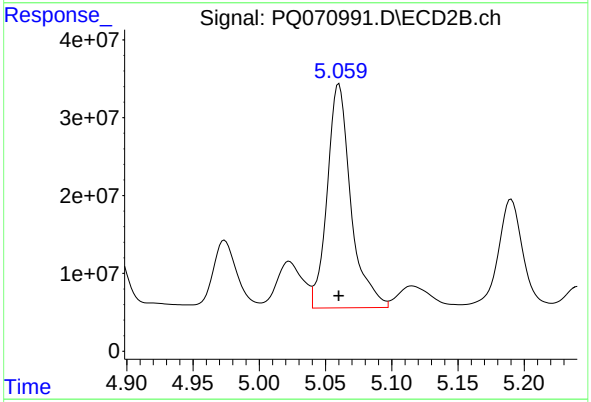
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 226752135
Conc: 763.50 ng/ml



#28 AR-1254-3

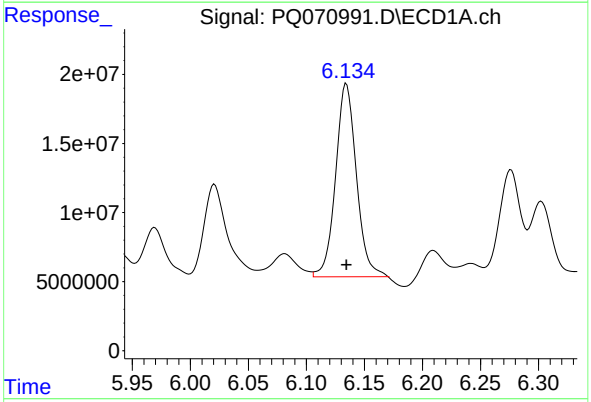
R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 240102864
Conc: 771.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



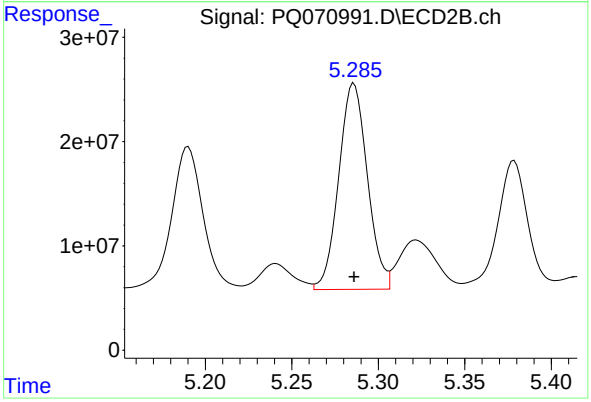
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 358158828
Conc: 757.73 ng/ml



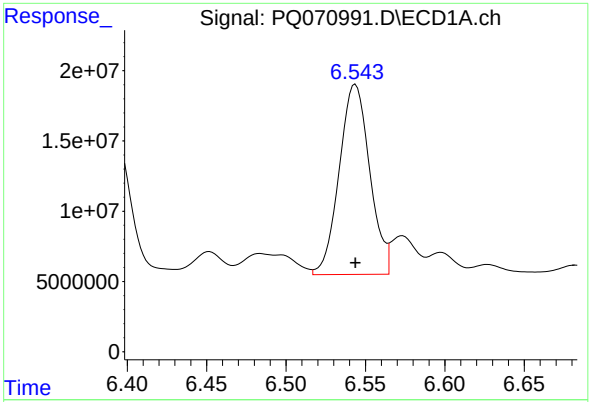
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 174485728
Conc: 775.40 ng/ml



#29 AR-1254-4

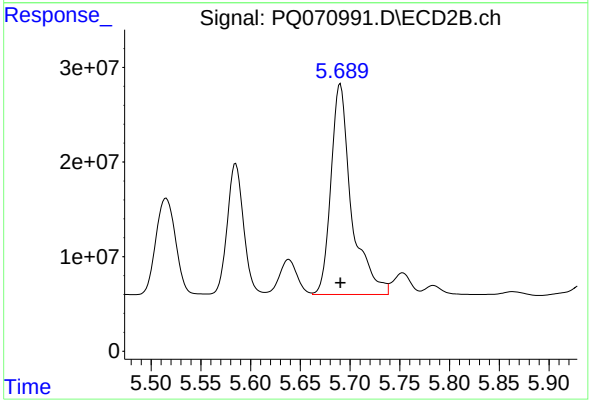
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 227279383
Conc: 755.02 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 180828718
Conc: 761.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 320309594
Conc: 748.36 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:49:02 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...	3.400	2.778	230.2E6	274.2E6	50.000	50.000
2)	SA Decachlor...	8.497	7.534	165.0E6	285.8E6	50.000	50.000
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.532	100.2E6	172.8E6	500.000	500.000
27)	L6 AR-1254-2	5.507	4.680	150.3E6	152.4E6	500.000	500.000
28)	L6 AR-1254-3	5.855	5.060	159.3E6	242.3E6	500.000	500.000
29)	L6 AR-1254-4	6.136	5.286	114.9E6	154.3E6	500.000	500.000
30)	L6 AR-1254-5	6.543	5.689	121.3E6	219.7E6	500.000	500.000

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

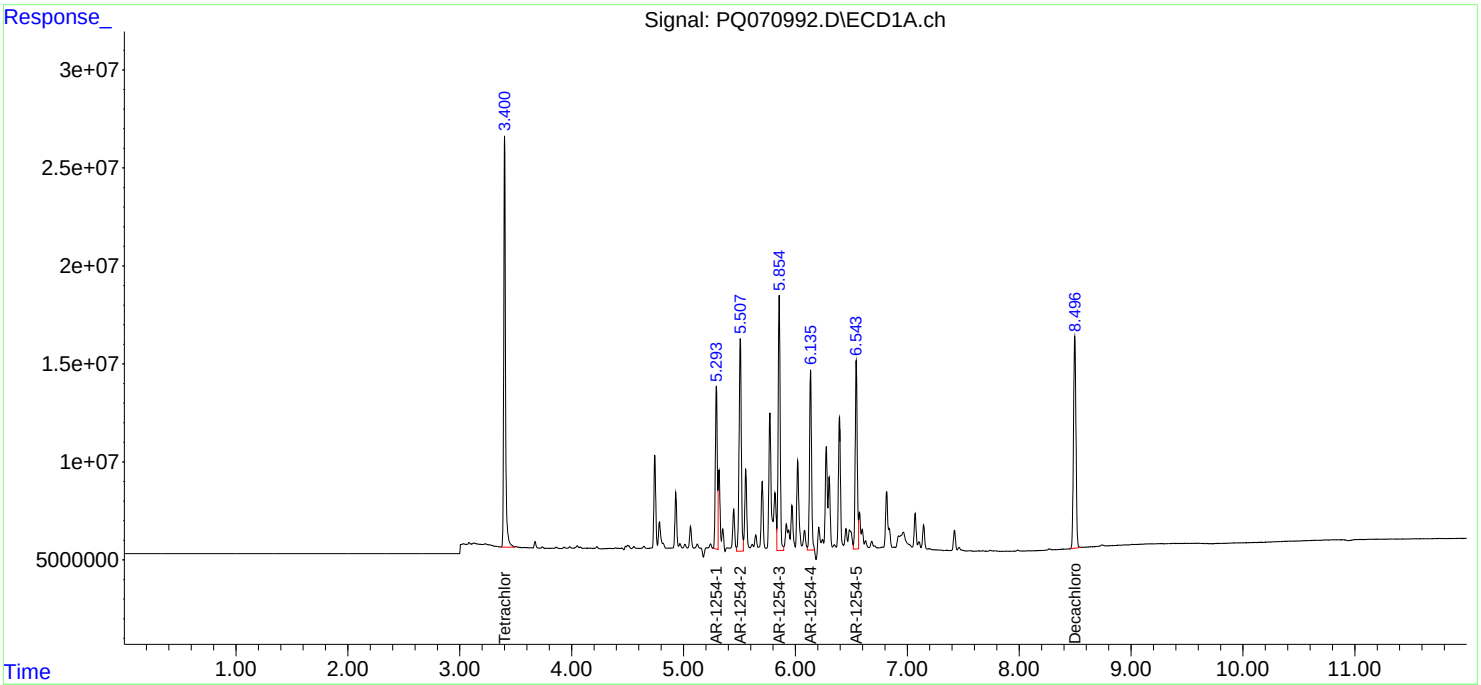
ICAL Form

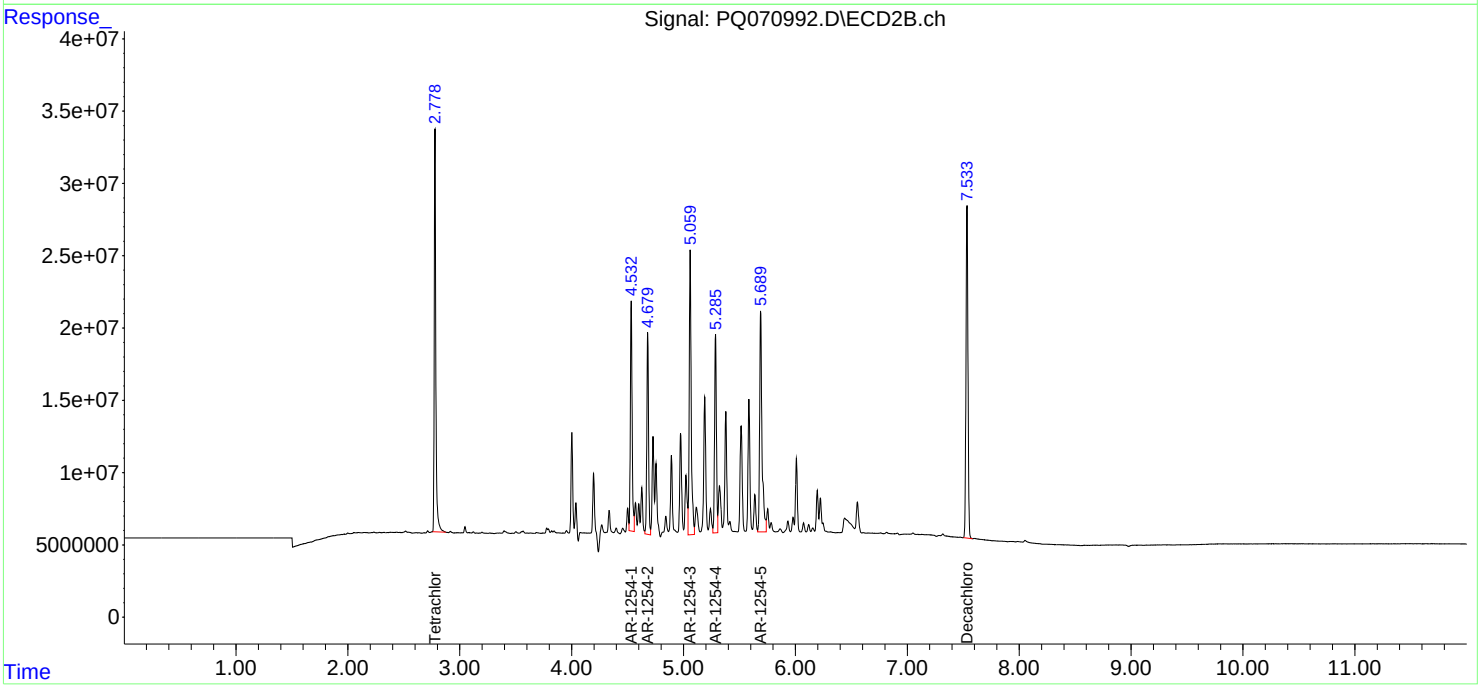
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:33
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

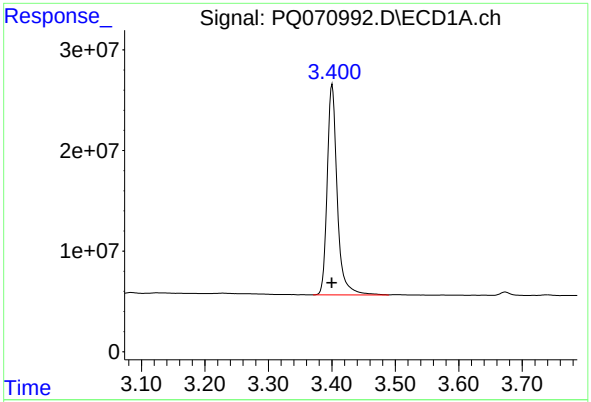
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 14:49:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 14:49:02 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



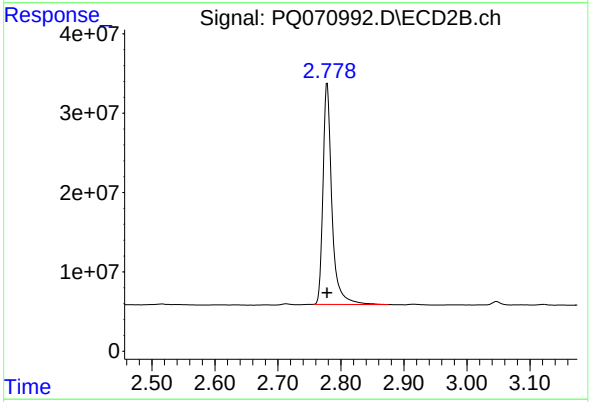




#1 Tetrachloro-m-xylene

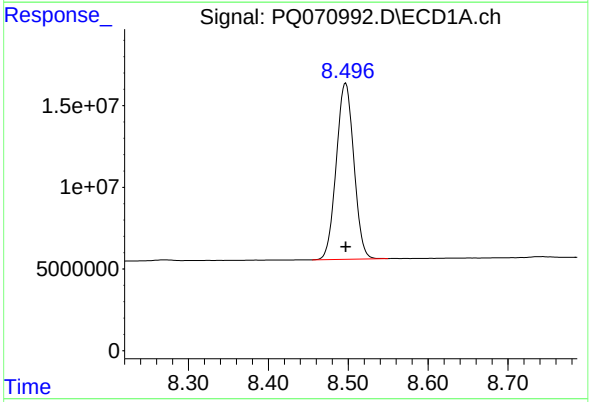
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 230224891
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



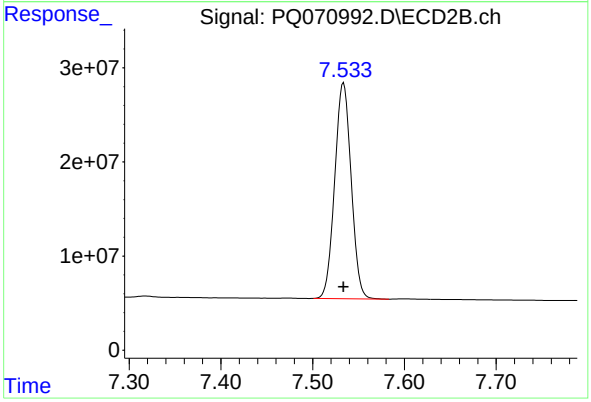
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 274224468
Conc: 50.00 ng/ml



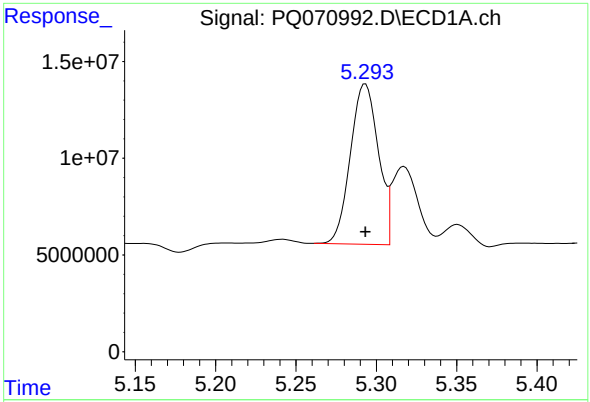
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 165005727
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

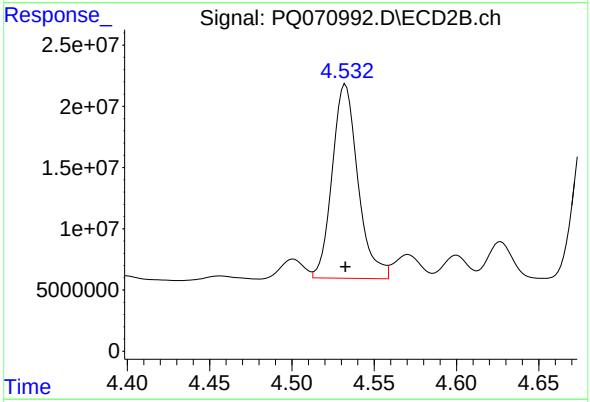
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 285844731
Conc: 50.00 ng/ml



#26 AR-1254-1

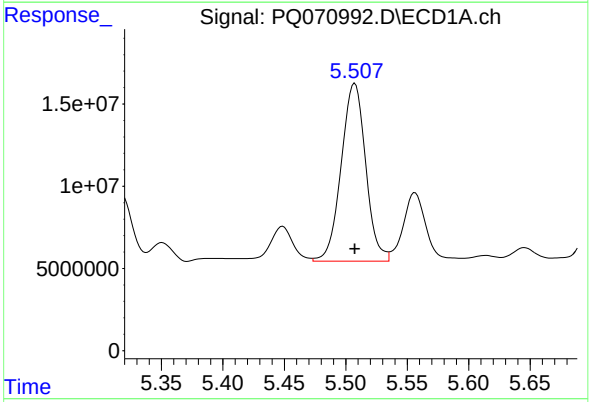
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 100154125
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



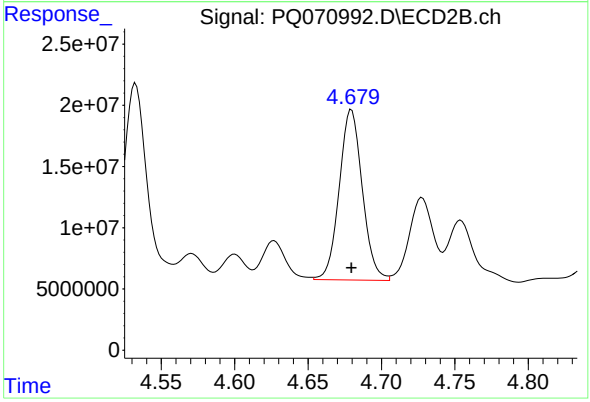
#26 AR-1254-1

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 172752640
Conc: 500.00 ng/ml



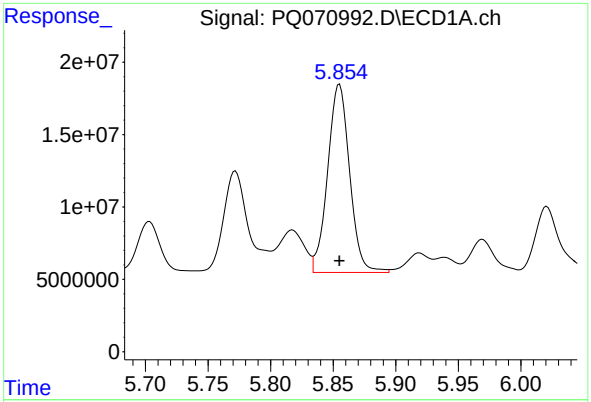
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 150279116
Conc: 500.00 ng/ml



#27 AR-1254-2

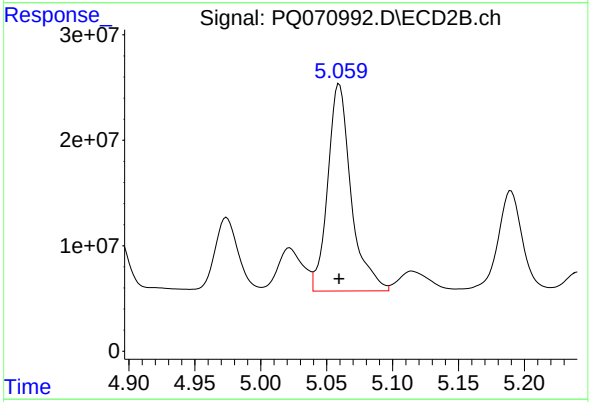
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 152424780
Conc: 500.00 ng/ml



#28 AR-1254-3

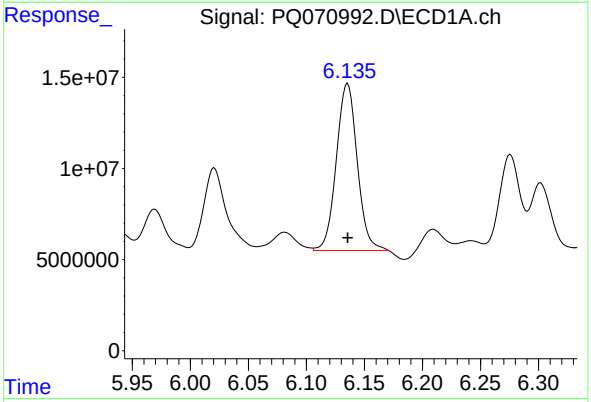
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 159265361
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



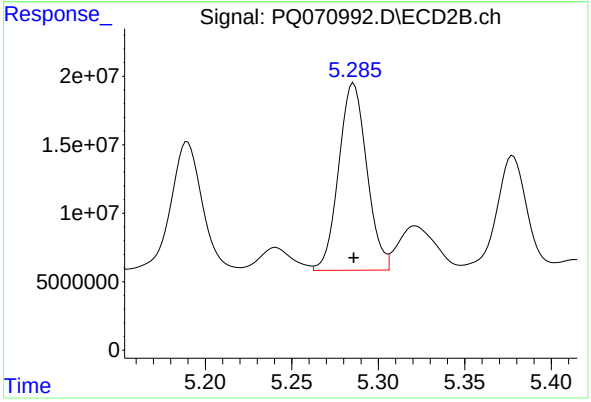
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 242313593
Conc: 500.00 ng/ml



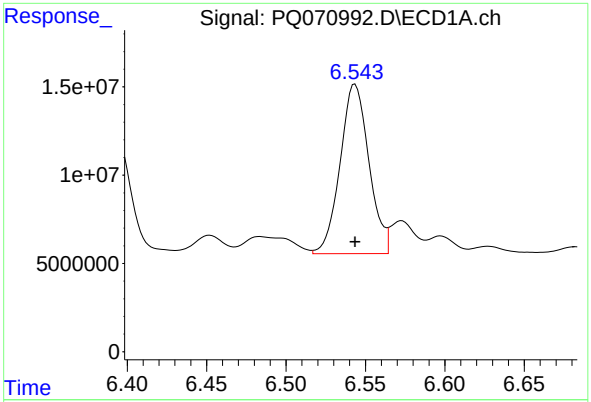
#29 AR-1254-4

R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 114899065
Conc: 500.00 ng/ml



#29 AR-1254-4

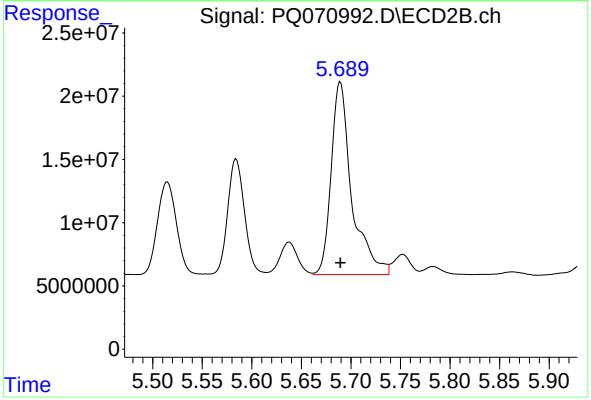
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 154289356
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 121288407
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 219747553
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:02:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	115.6E6	138.1E6	25.327	25.369
2)	SA Decachlor...	8.497	7.534	85811055	149.3E6	26.191	26.396
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.533	55605487	94496803	275.527	271.759
27)	L6 AR-1254-2	5.507	4.679	79670910	81557409	267.151	268.017
28)	L6 AR-1254-3	5.855	5.060	83776868	125.4E6	264.224	261.310
29)	L6 AR-1254-4	6.135	5.286	59407243	79268444	260.355	259.866
30)	L6 AR-1254-5	6.544	5.690	62353894	113.1E6	259.216	260.512

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

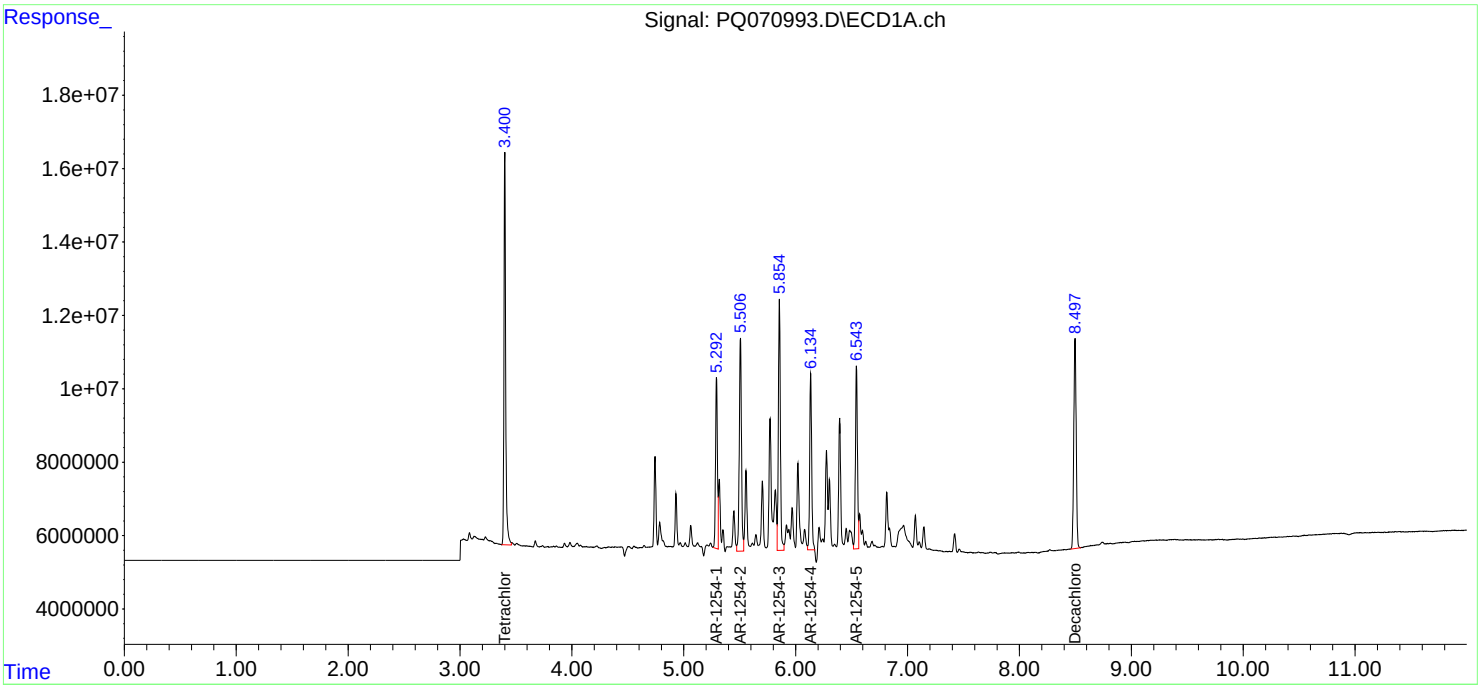
ICAL Form

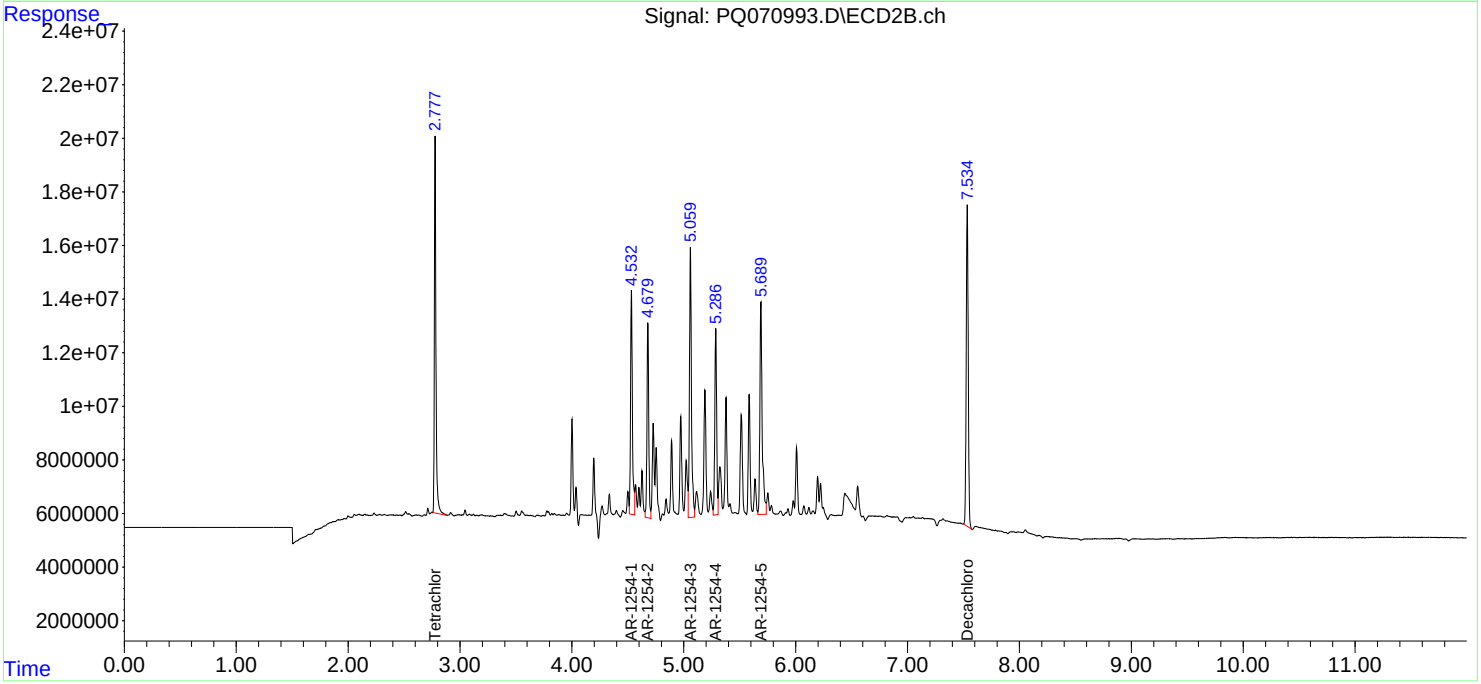
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070993.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 13:48
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

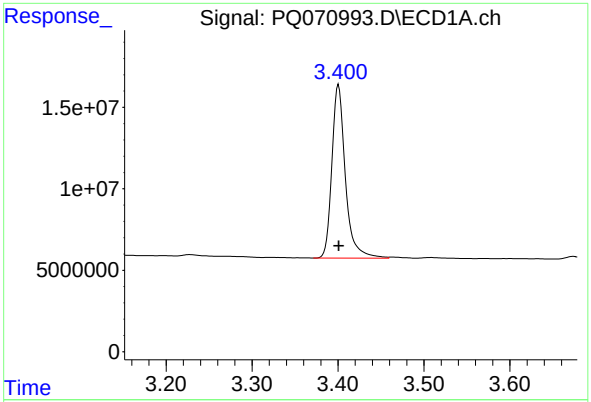
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:02:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:02:26 2025
Response via : Initial Calibration
Integrator: ChemStation

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



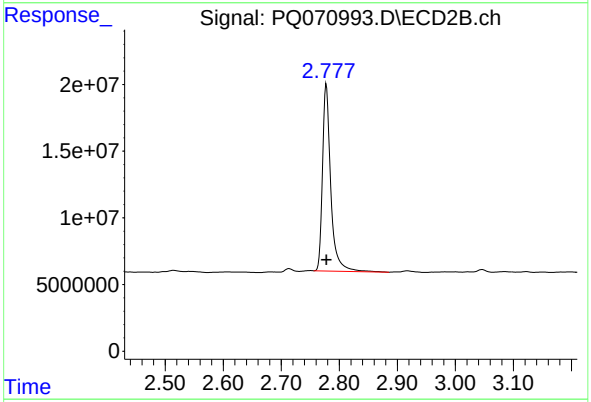




#1 Tetrachloro-m-xylene

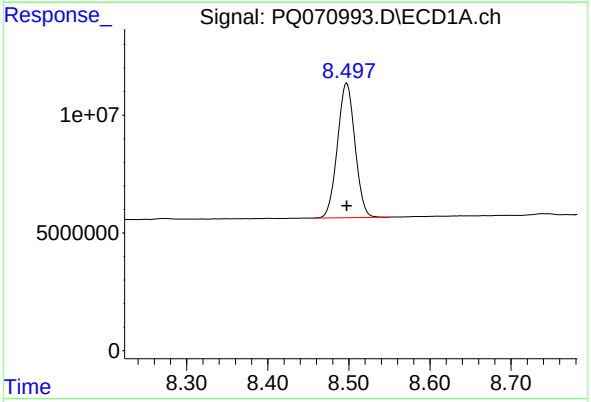
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 115639387
Conc: 25.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



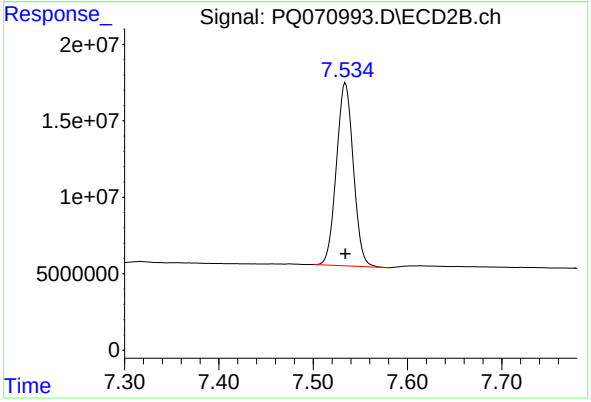
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 138074617
Conc: 25.37 ng/ml



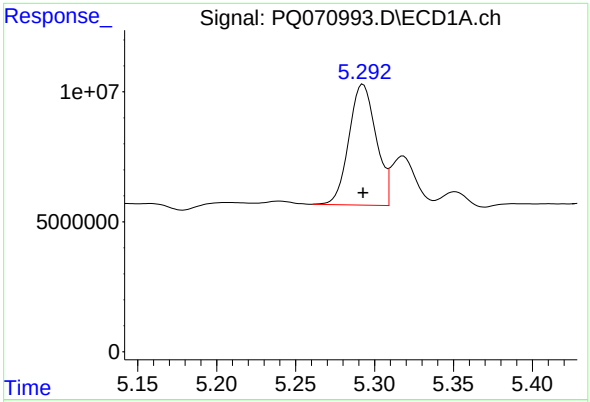
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 85811055
Conc: 26.19 ng/ml



#2 Decachlorobiphenyl

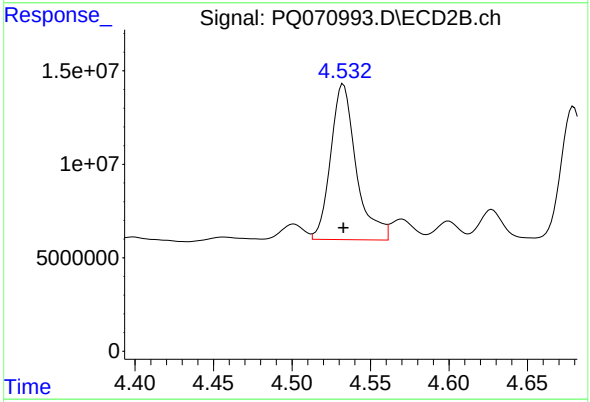
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 149322341
Conc: 26.40 ng/ml



#26 AR-1254-1

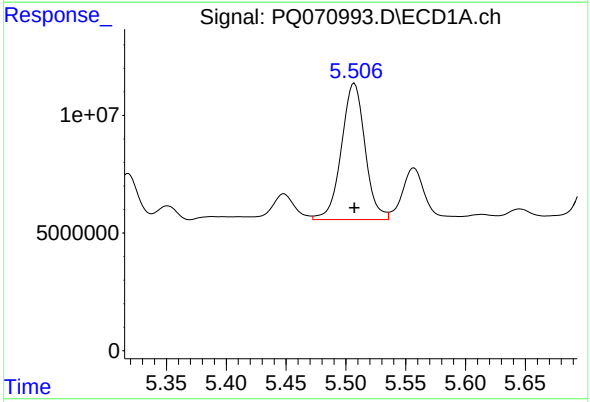
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 55605487
Conc: 275.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



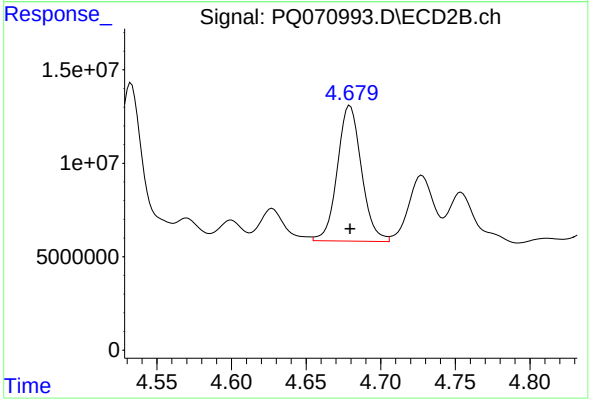
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 94496803
Conc: 271.76 ng/ml



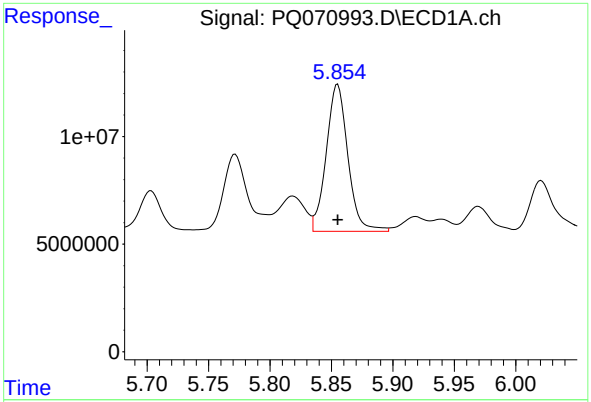
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 79670910
Conc: 267.15 ng/ml



#27 AR-1254-2

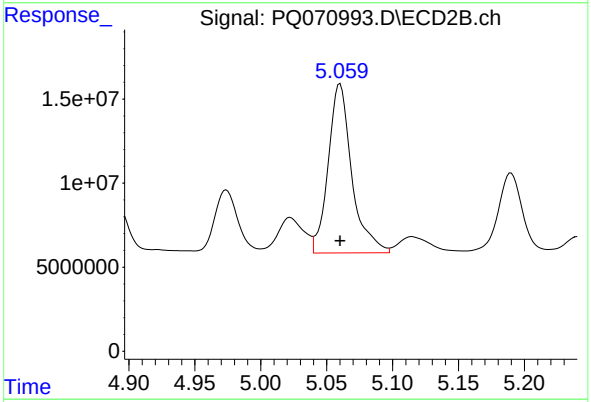
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 81557409
Conc: 268.02 ng/ml



#28 AR-1254-3

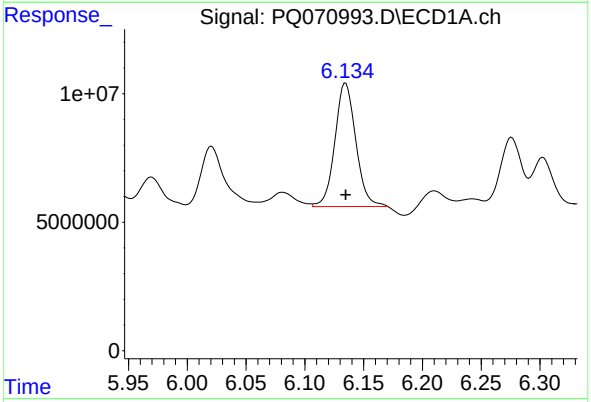
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 83776868
Conc: 264.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



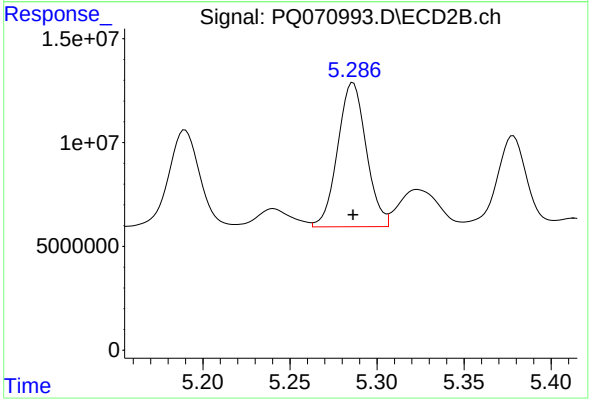
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 125404807
Conc: 261.31 ng/ml



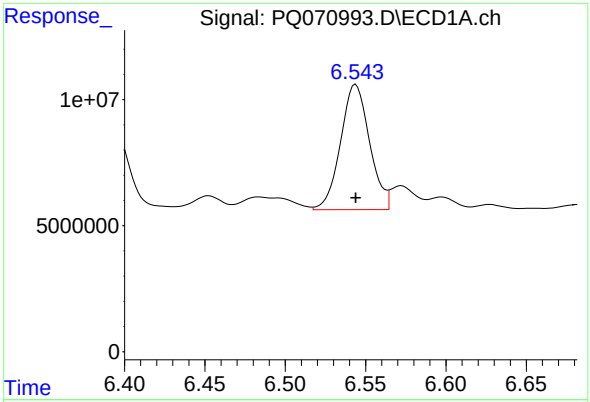
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 59407243
Conc: 260.35 ng/ml



#29 AR-1254-4

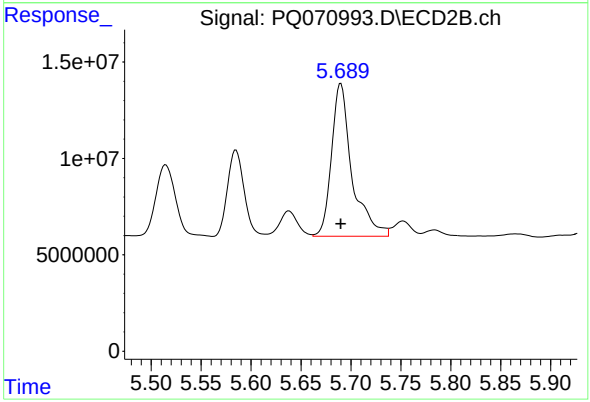
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 79268444
Conc: 259.87 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 62353894
Conc: 259.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 113088081
Conc: 260.51 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:31:02 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...	3.400	2.777	18509464	21190782	4.213	4.074
2)	SA Decachlor...	8.497	7.533	13621454	26282104	4.302	4.713
	Target Compounds						
26)	L6 AR-1254-1	5.294	4.533	8706585	14758492	44.358	43.766
27)	L6 AR-1254-2	5.507	4.679	12975824	13428771	44.670	45.191
28)	L6 AR-1254-3	5.856	5.060	13388451	20784652	43.581	44.501
29)	L6 AR-1254-4	6.135	5.286	9249550	12805792	42.131	43.372
30)	L6 AR-1254-5	6.544	5.690	9864278	18267509	42.538	43.458

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

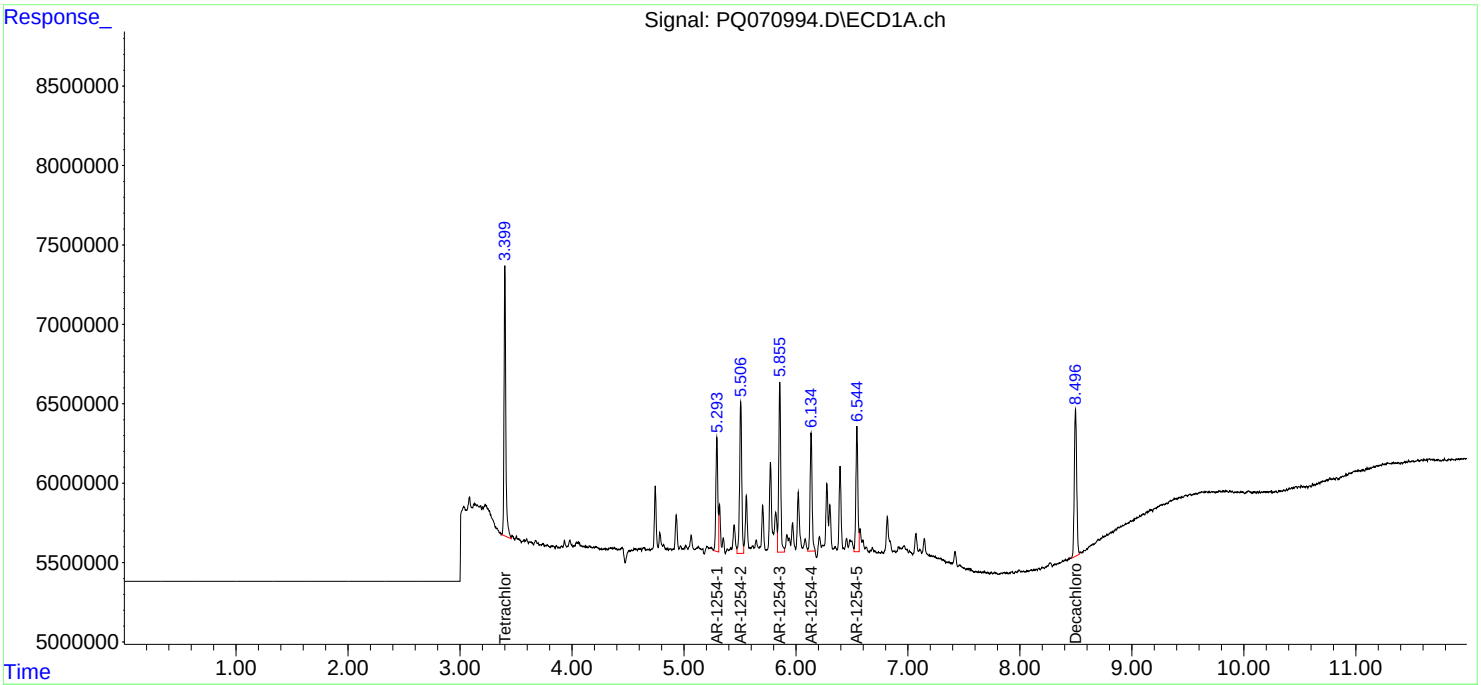
ICAL Form

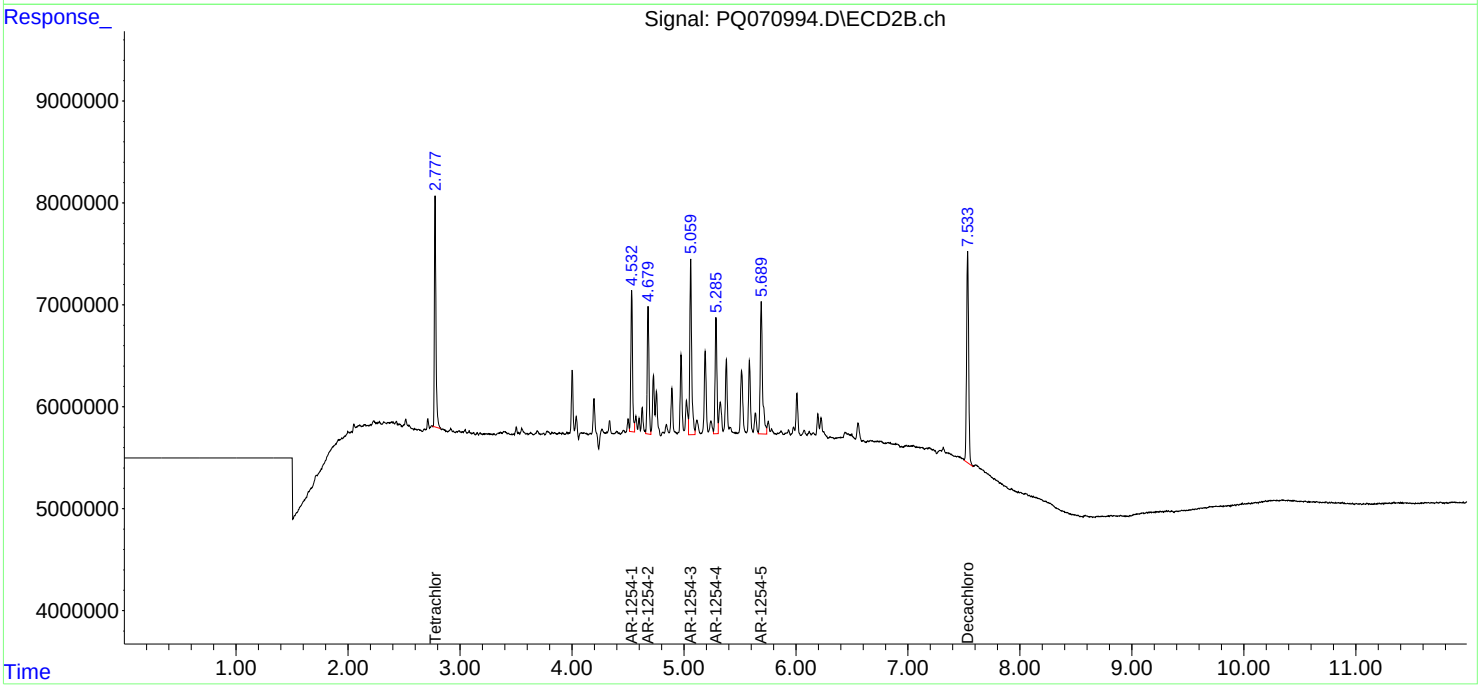
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070994.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:15
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 24 Sample Multiplier: 1

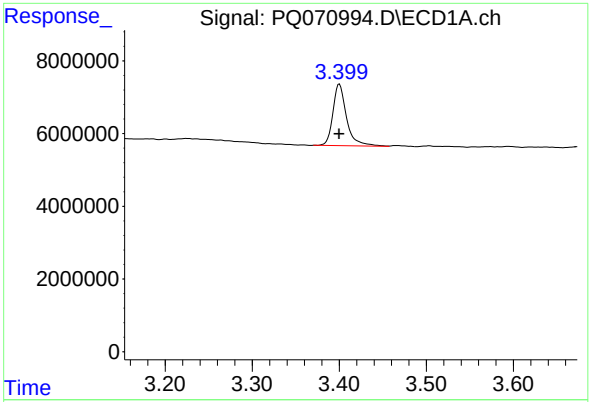
Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:31:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:31:02 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



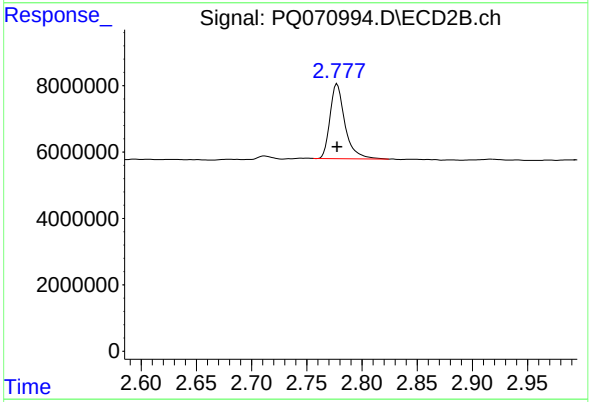




#1 Tetrachloro-m-xylene

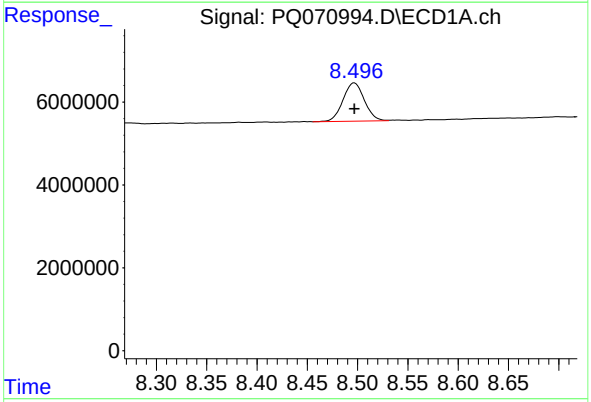
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 18509464
Conc: 4.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



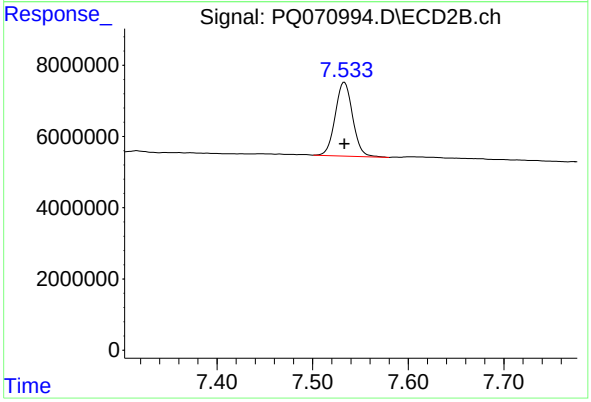
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 21190782
Conc: 4.07 ng/ml



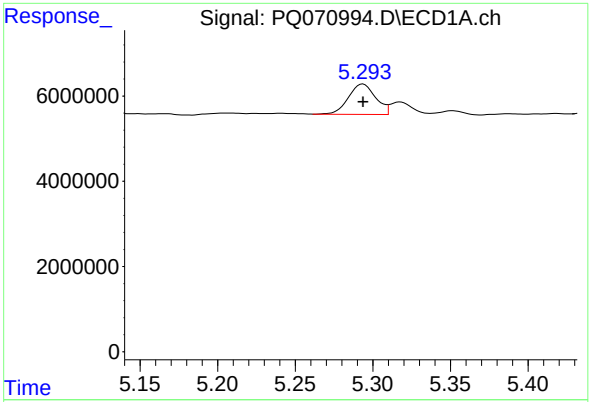
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 13621454
Conc: 4.30 ng/ml



#2 Decachlorobiphenyl

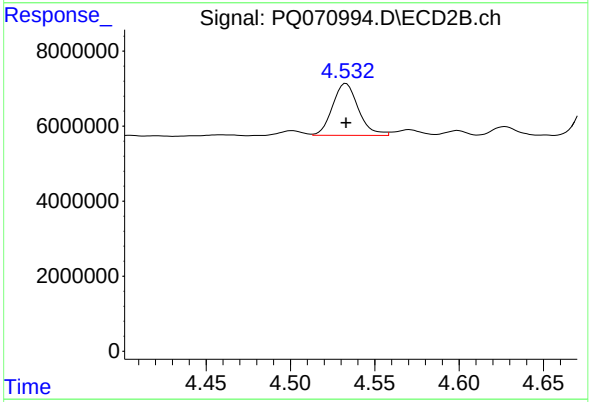
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 26282104
Conc: 4.71 ng/ml



#26 AR-1254-1

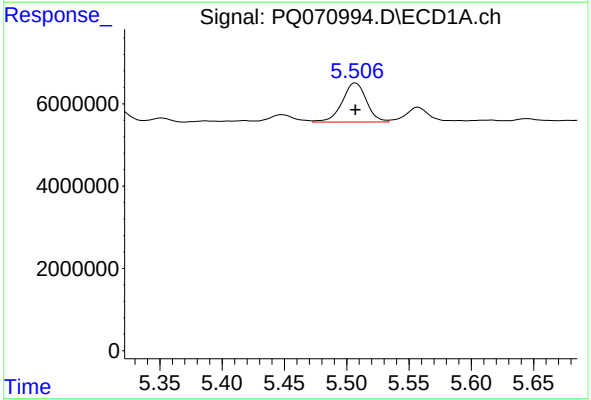
R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 8706585
Conc: 44.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



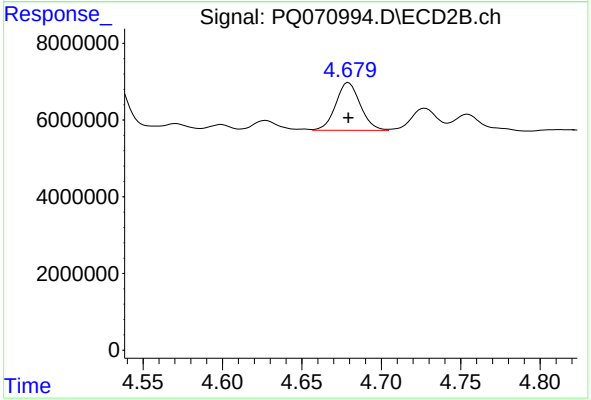
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 14758492
Conc: 43.77 ng/ml



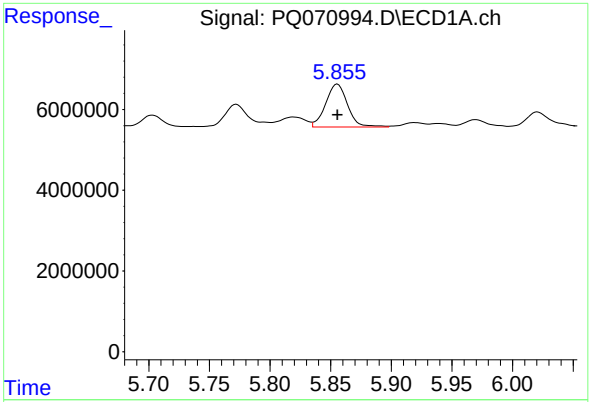
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 12975824
Conc: 44.67 ng/ml



#27 AR-1254-2

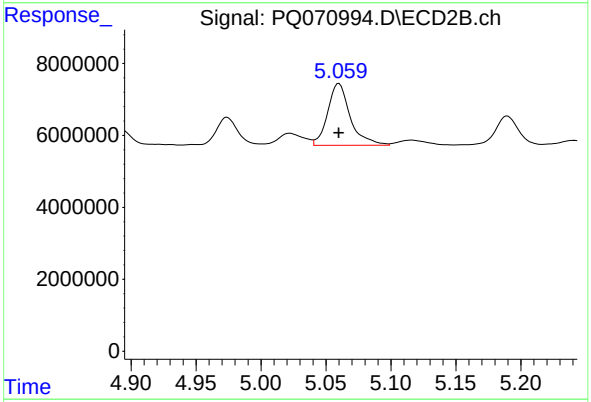
R.T.: 4.679 min
Delta R.T.: 0.000 min
Response: 13428771
Conc: 45.19 ng/ml



#28 AR-1254-3

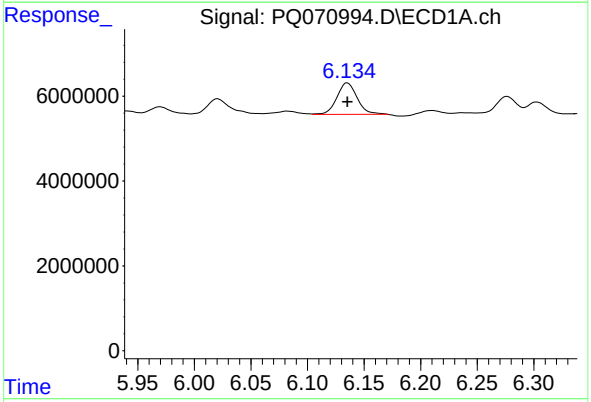
R.T.: 5.856 min
Delta R.T.: 0.000 min
Response: 13388451
Conc: 43.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



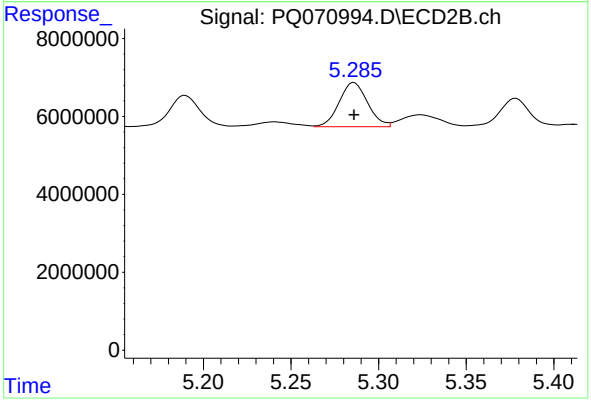
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 20784652
Conc: 44.50 ng/ml



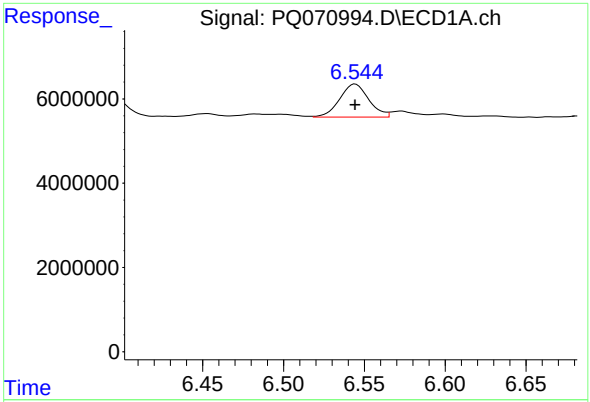
#29 AR-1254-4

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 9249550
Conc: 42.13 ng/ml



#29 AR-1254-4

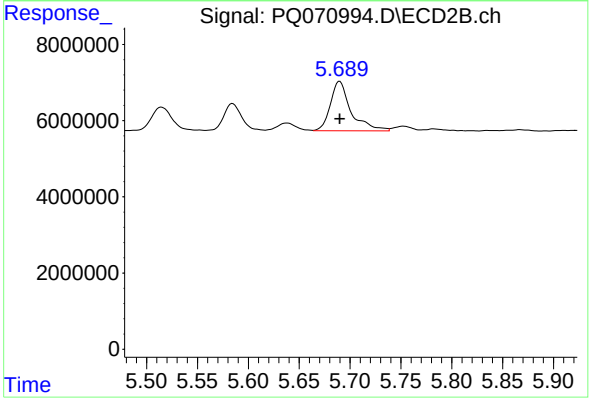
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 12805792
Conc: 43.37 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 9864278
Conc: 42.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 18267509
Conc: 43.46 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:45:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	233.7E6	278.1E6	50.000	50.000
2)	SA Decachlor...	8.497	7.533	168.1E6	302.5E6	50.000	50.000
	Target Compounds						
36)	L8 AR-1262-1	6.841	5.733	137.0E6	226.2E6	500.000	500.000
37)	L8 AR-1262-2	7.146	5.979	249.2E6	213.9E6	500.000	500.000
38)	L8 AR-1262-3	7.419	6.500	164.3E6	166.4E6	500.000	500.000
39)	L8 AR-1262-4	7.492	6.561	126.2E6	308.4E6	500.000	500.000
40)	L8 AR-1262-5	7.988	7.051	82174920	151.5E6	500.000	500.000

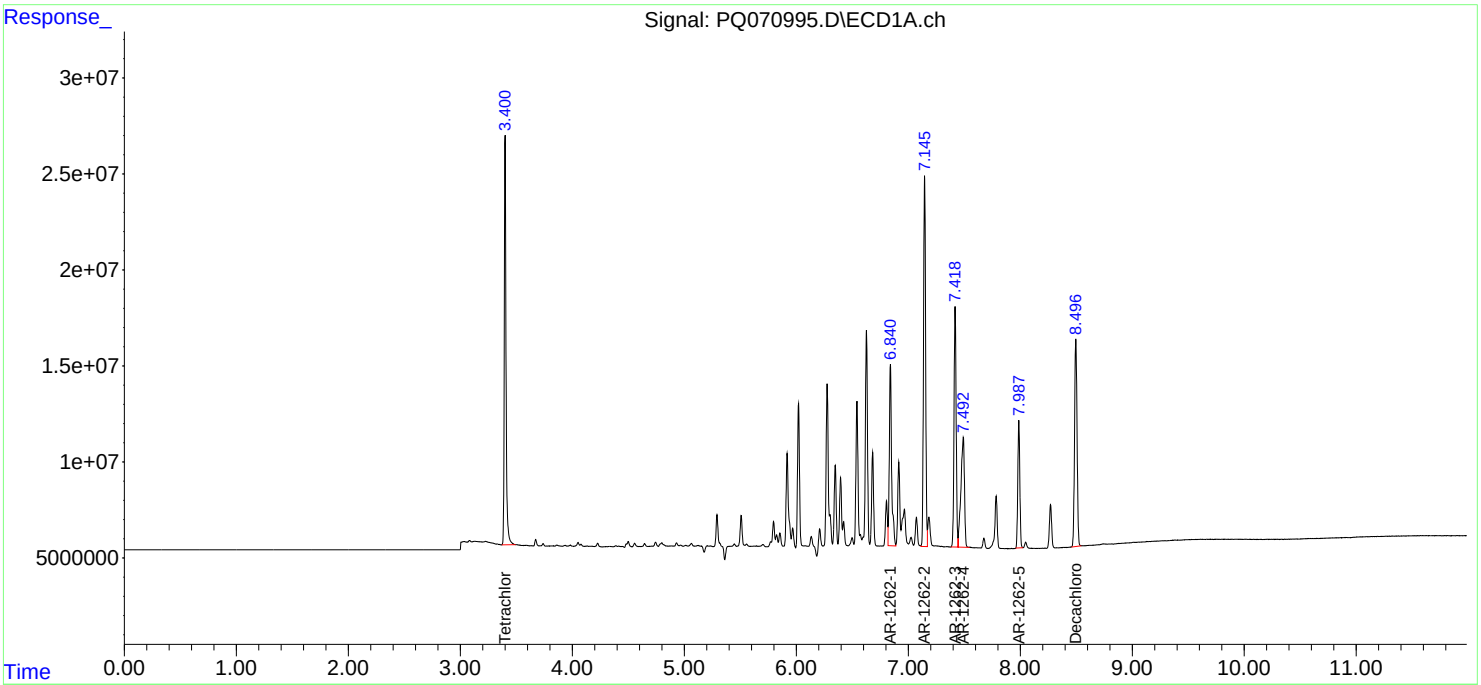
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

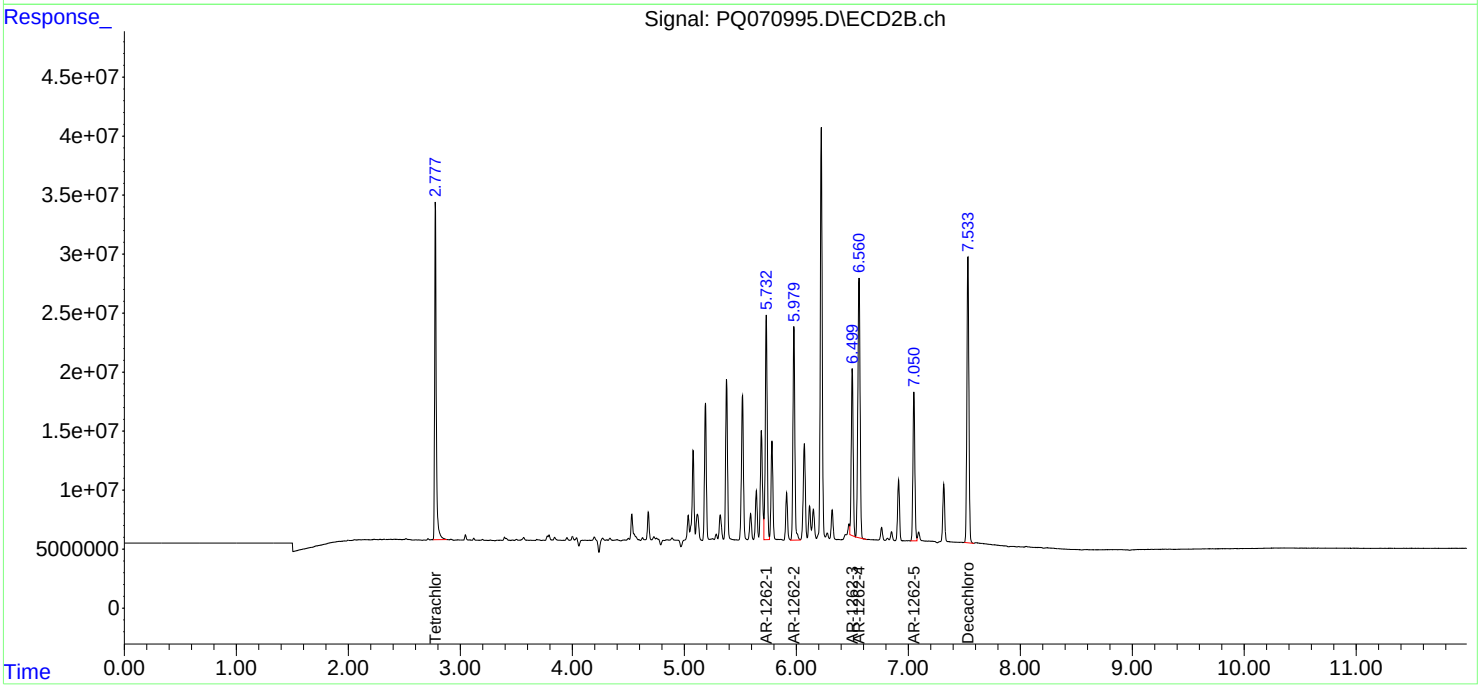
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070995.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:30
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

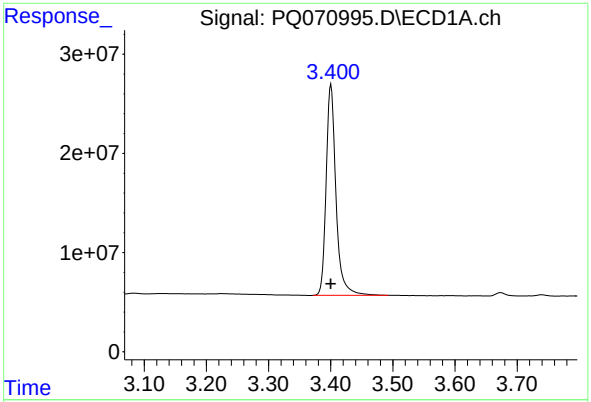
Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 15:45:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 15:45:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



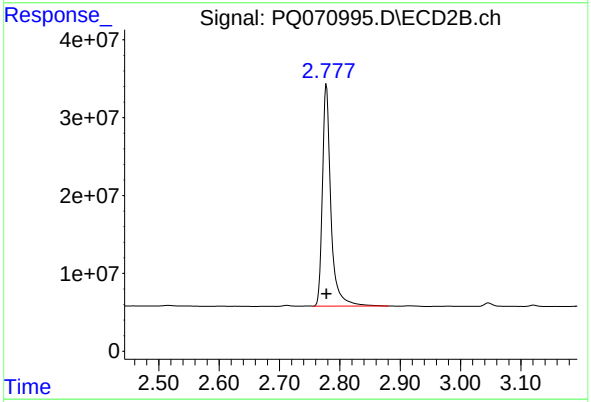




#1 Tetrachloro-m-xylene

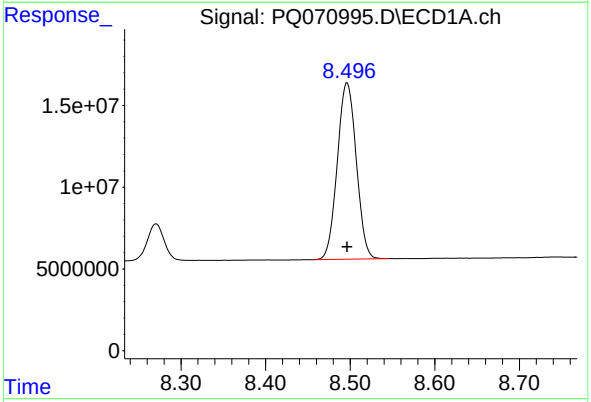
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 233674057
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



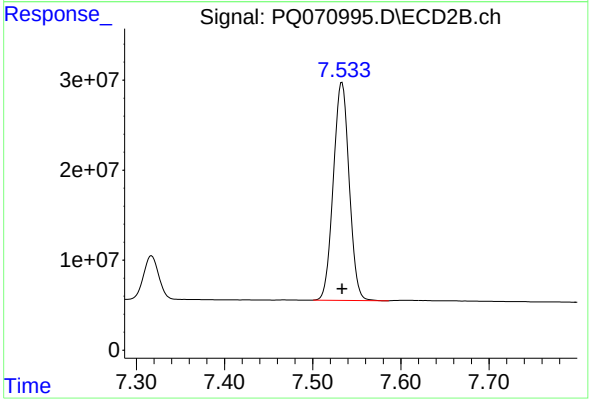
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 278097352
Conc: 50.00 ng/ml



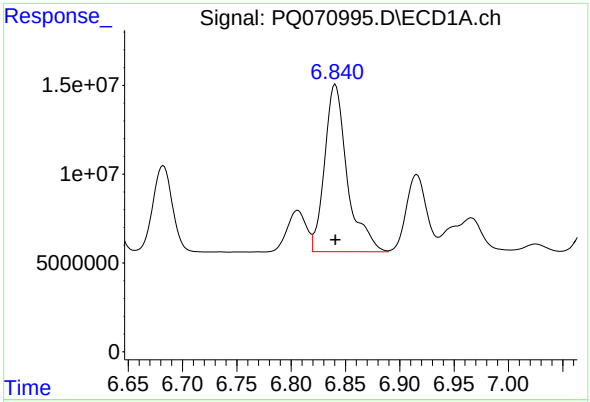
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 168129535
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

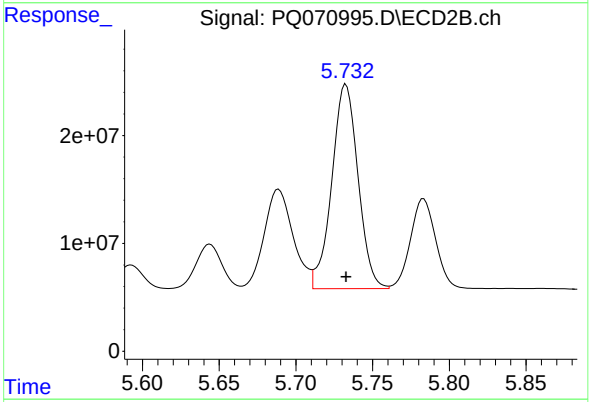
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302467313
Conc: 50.00 ng/ml



#36 AR-1262-1

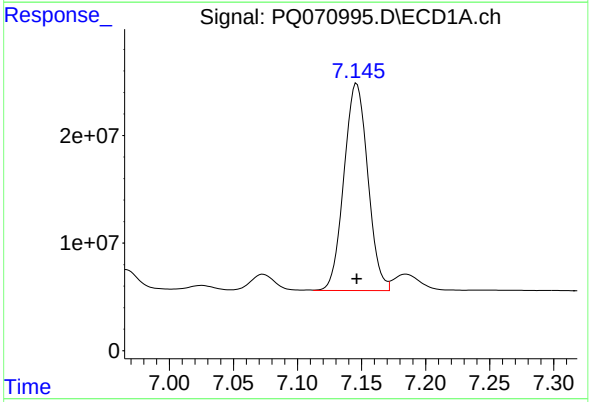
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 137009240
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



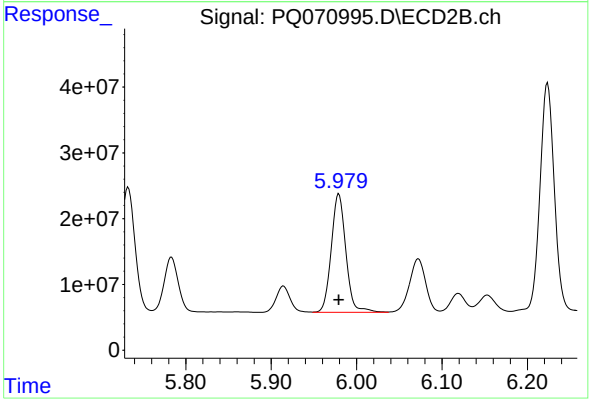
#36 AR-1262-1

R.T.: 5.733 min
Delta R.T.: 0.000 min
Response: 226243354
Conc: 500.00 ng/ml



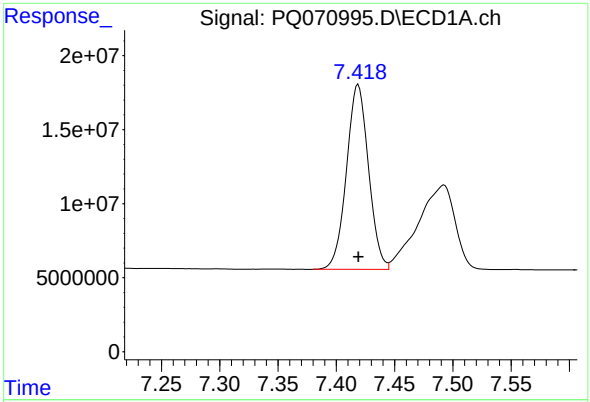
#37 AR-1262-2

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 249238238
Conc: 500.00 ng/ml



#37 AR-1262-2

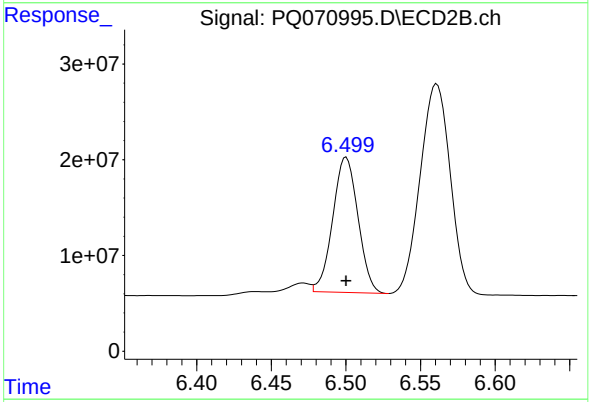
R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 213850677
Conc: 500.00 ng/ml



#38 AR-1262-3

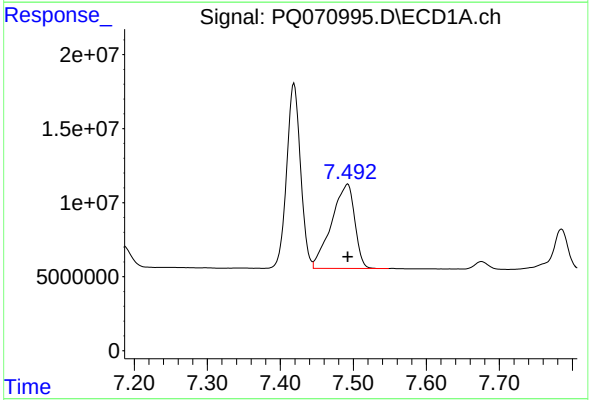
R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 164329640
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



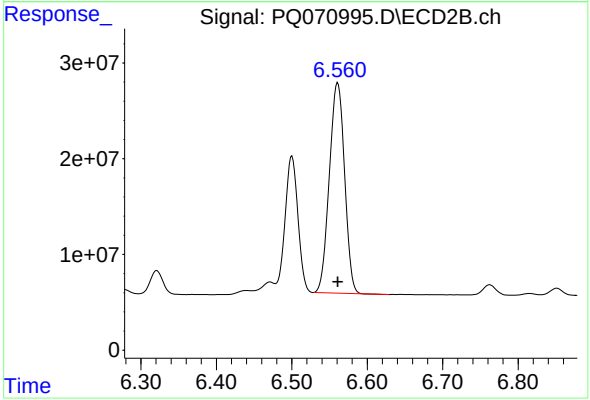
#38 AR-1262-3

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 166353751
Conc: 500.00 ng/ml



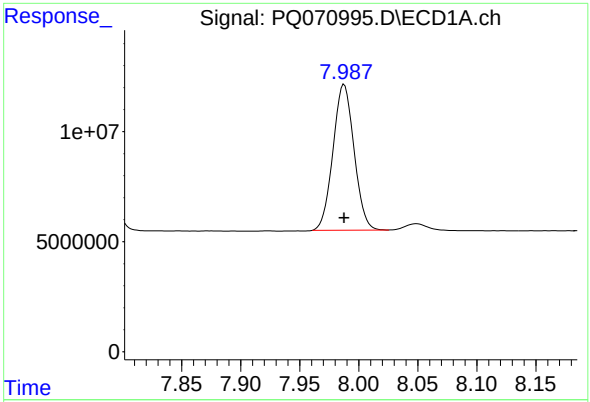
#39 AR-1262-4

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 126169859
Conc: 500.00 ng/ml



#39 AR-1262-4

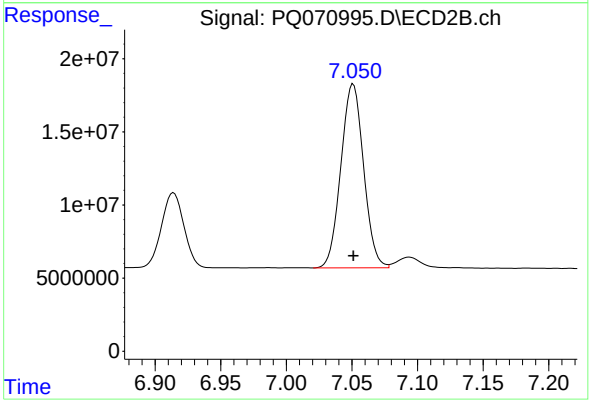
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 308409736
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 82174920
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 151493238
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	473.5E6	558.2E6	98.121	98.662
2)	SA Decachlor...	8.496	7.533	575.8E6	1040.1E6	97.627	97.468
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.501	555.6E6	931.5E6	975.616	977.850
42)	L9 AR-1268-2	7.494	6.563	510.3E6	858.9E6	977.260	976.287
43)	L9 AR-1268-3	7.676	6.763	416.5E6	746.0E6	976.432	977.977
44)	L9 AR-1268-4	7.988	7.051	179.4E6	330.2E6	972.218	977.102
45)	L9 AR-1268-5	8.271	7.318	1283.2E6	2374.7E6	985.329	987.978

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

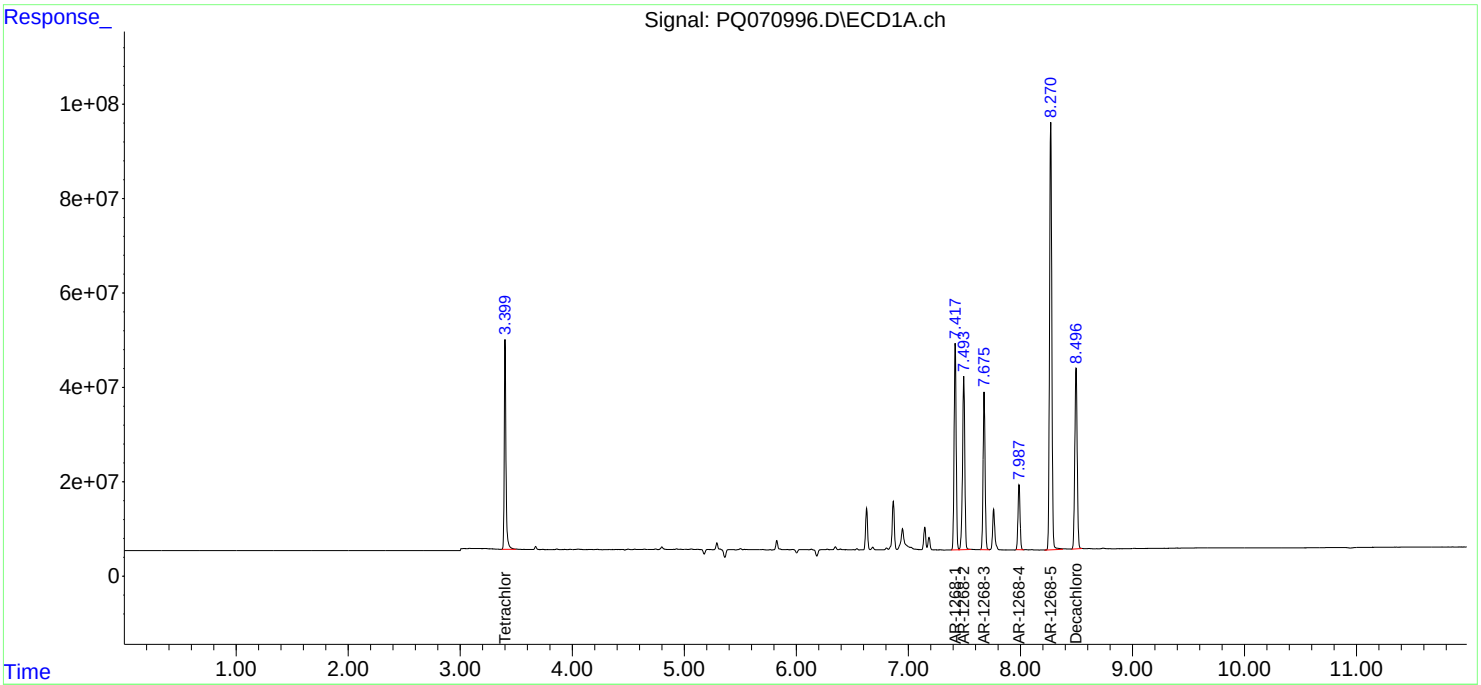
ICAL Form

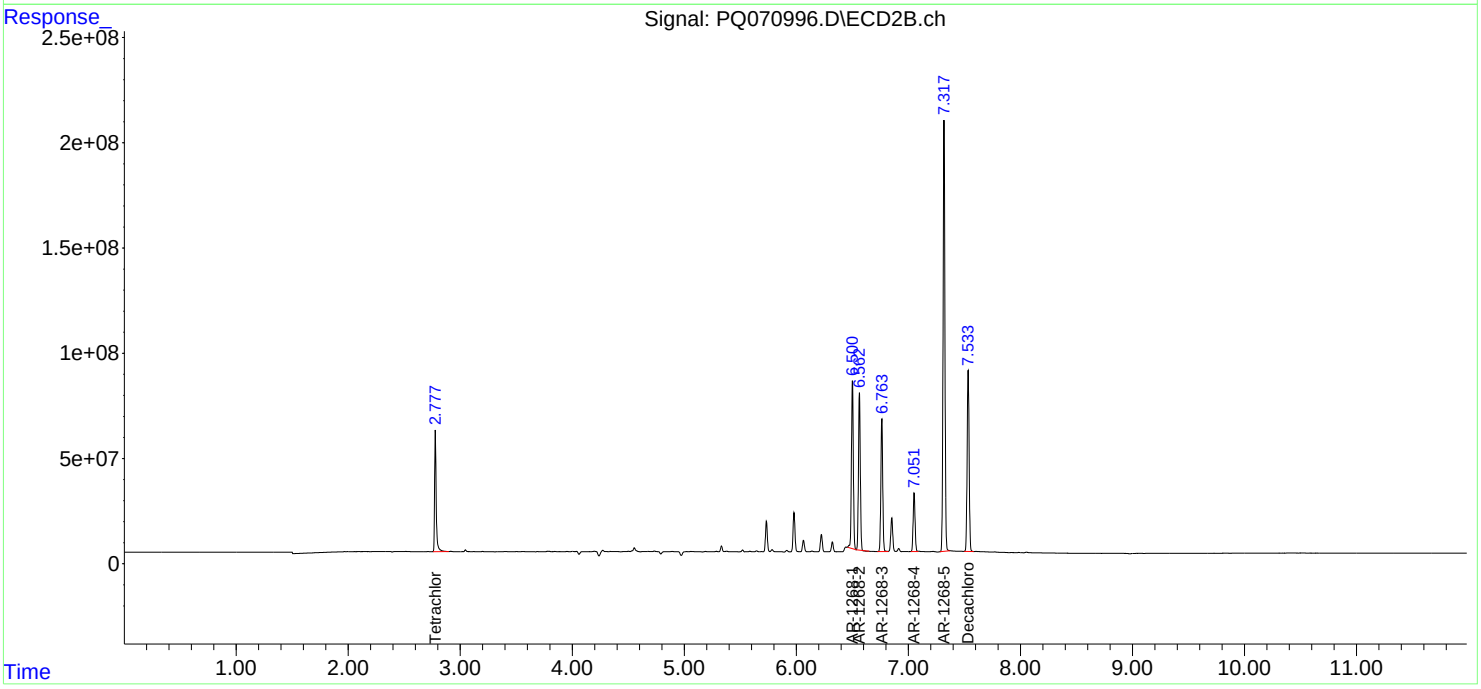
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070996.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:44
Operator : YP\AJ
Sample : AR1268ICC1000
Misc :
ALS Vial : 26 Sample Multiplier: 1

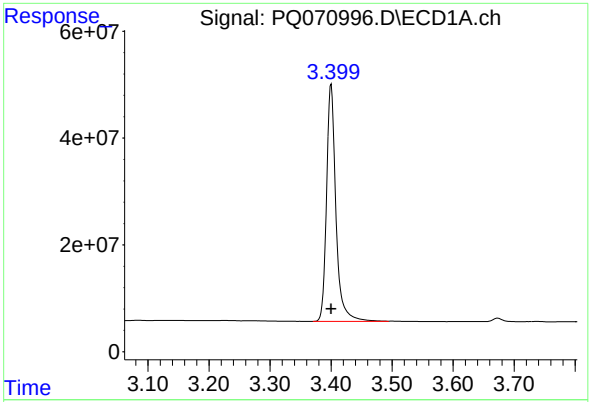
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:44:44 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



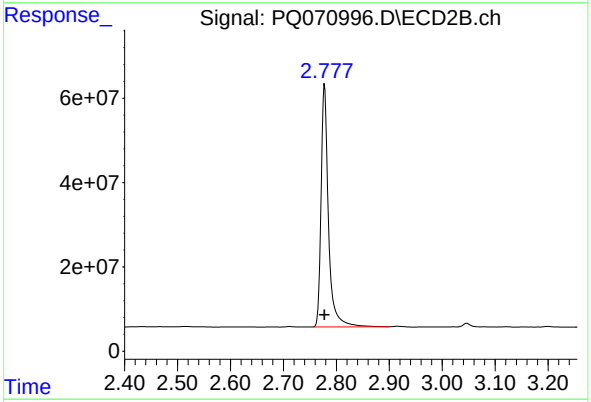




#1 Tetrachloro-m-xylene

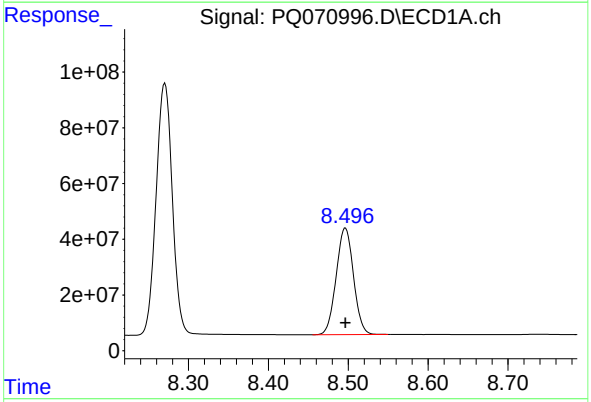
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 473487442
Conc: 98.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



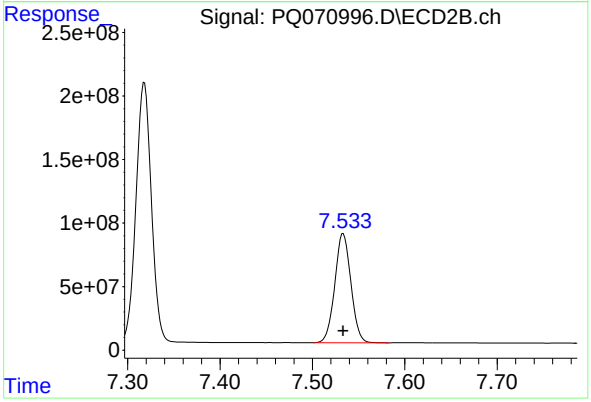
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 558165948
Conc: 98.66 ng/ml



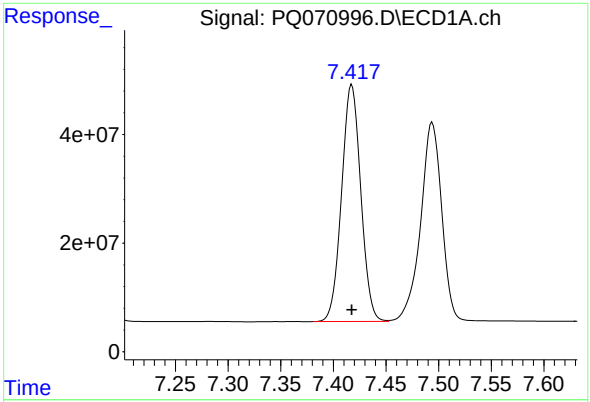
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 575751429
Conc: 97.63 ng/ml



#2 Decachlorobiphenyl

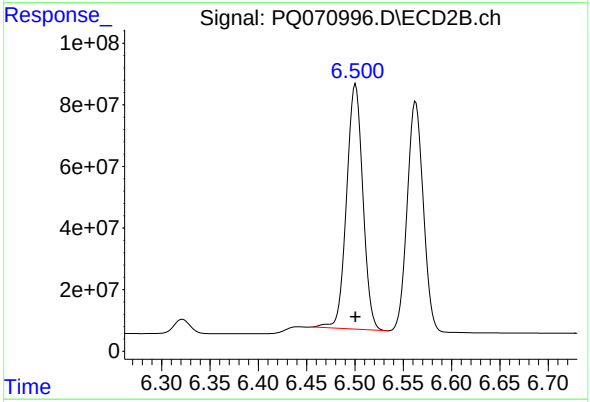
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 1040108591
Conc: 97.47 ng/ml



#41 AR-1268-1

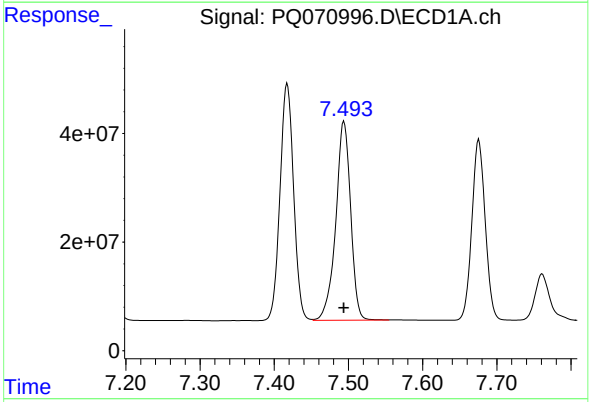
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 555593291
Conc: 975.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



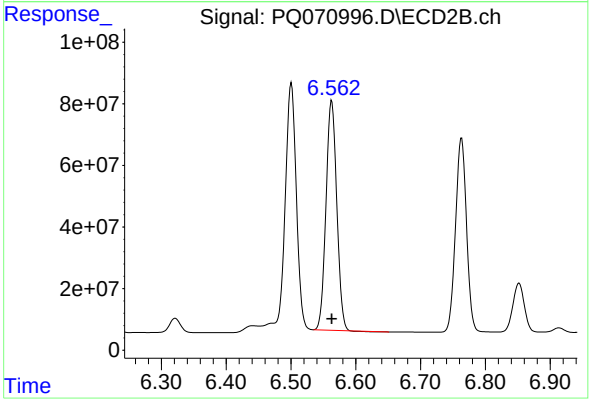
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 931455367
Conc: 977.85 ng/ml



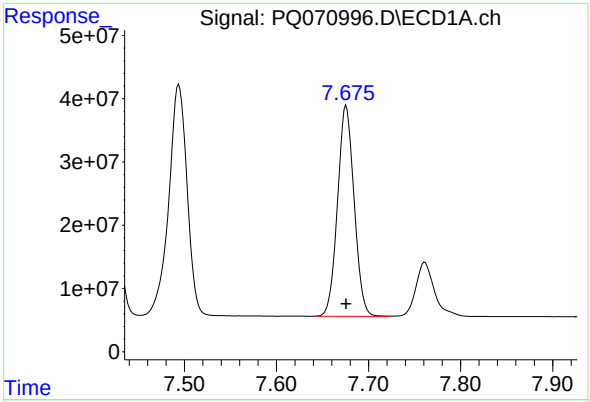
#42 AR-1268-2

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 510325576
Conc: 977.26 ng/ml



#42 AR-1268-2

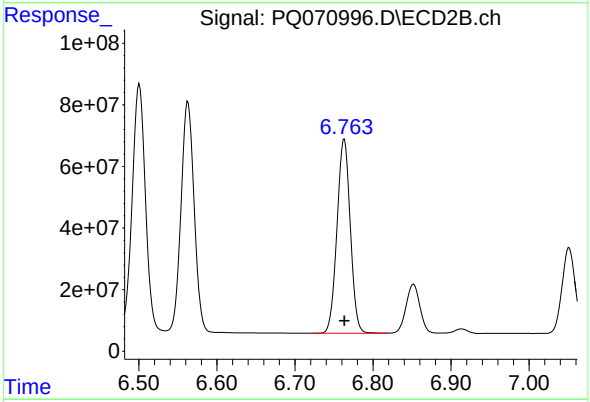
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 858872879
Conc: 976.29 ng/ml



#43 AR-1268-3

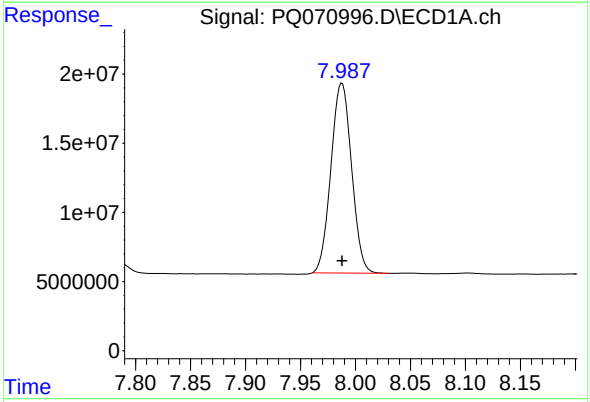
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 416538407
Conc: 976.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



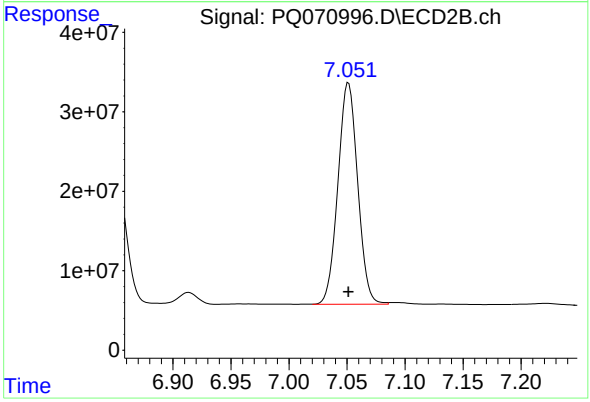
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 746016914
Conc: 977.98 ng/ml



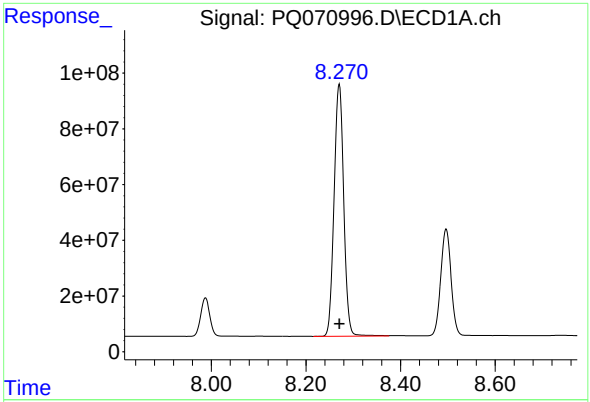
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 179373252
Conc: 972.22 ng/ml



#44 AR-1268-4

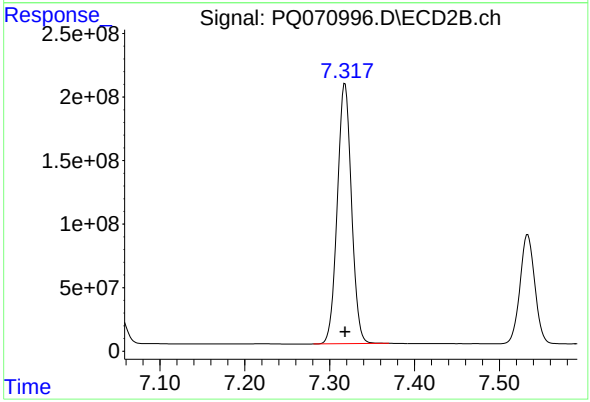
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 330162118
Conc: 977.10 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 1283167757
Conc: 985.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC1000



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 2374681378
Conc: 987.98 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	365.3E6	429.7E6	75.472	75.638
2)	SA Decachlor...	8.496	7.533	443.5E6	805.2E6	75.137	75.305
	Target Compounds						
41)	L9 AR-1268-1	7.417	6.501	429.3E6	721.3E6	752.594	754.792
42)	L9 AR-1268-2	7.495	6.564	393.0E6	668.4E6	751.776	756.465
43)	L9 AR-1268-3	7.677	6.763	320.6E6	577.3E6	751.101	754.528
44)	L9 AR-1268-4	7.988	7.051	139.1E6	254.6E6	752.792	752.326
45)	L9 AR-1268-5	8.270	7.318	981.0E6	1816.7E6	752.199	753.877

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

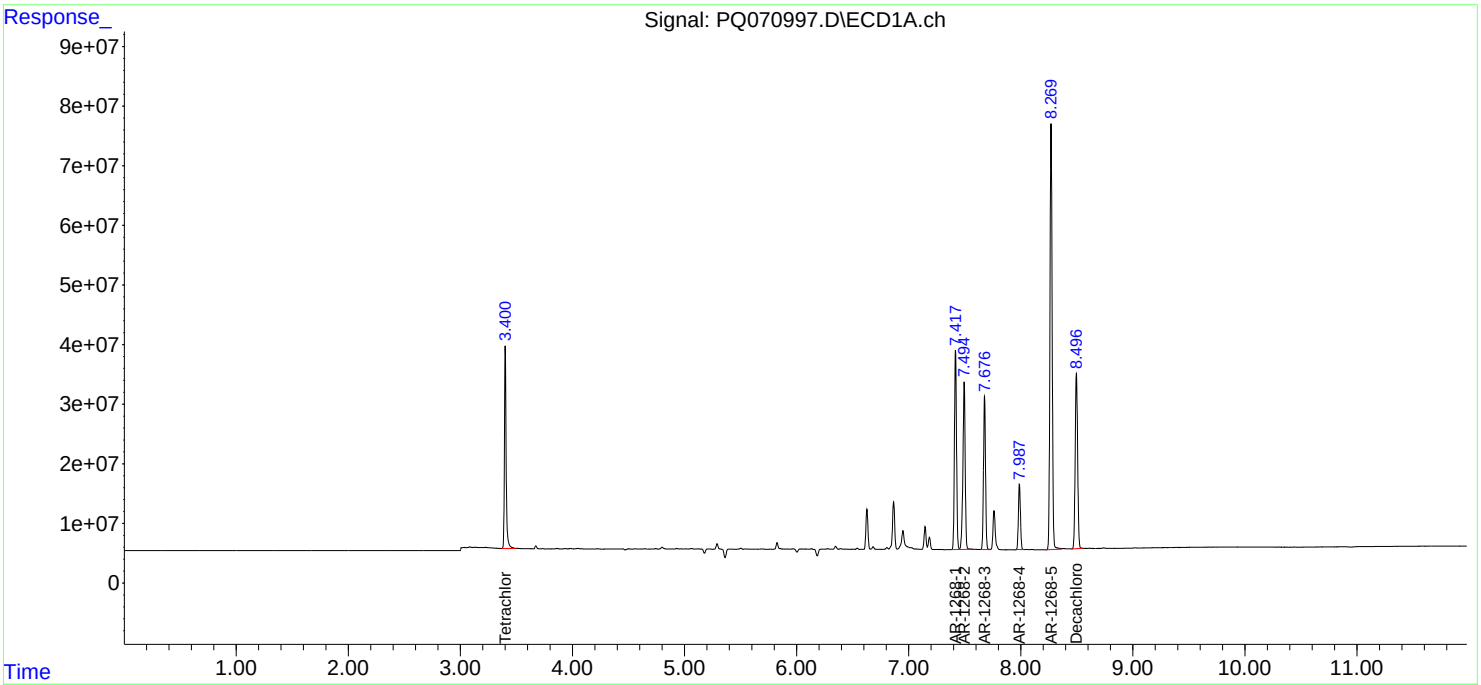
ICAL Form

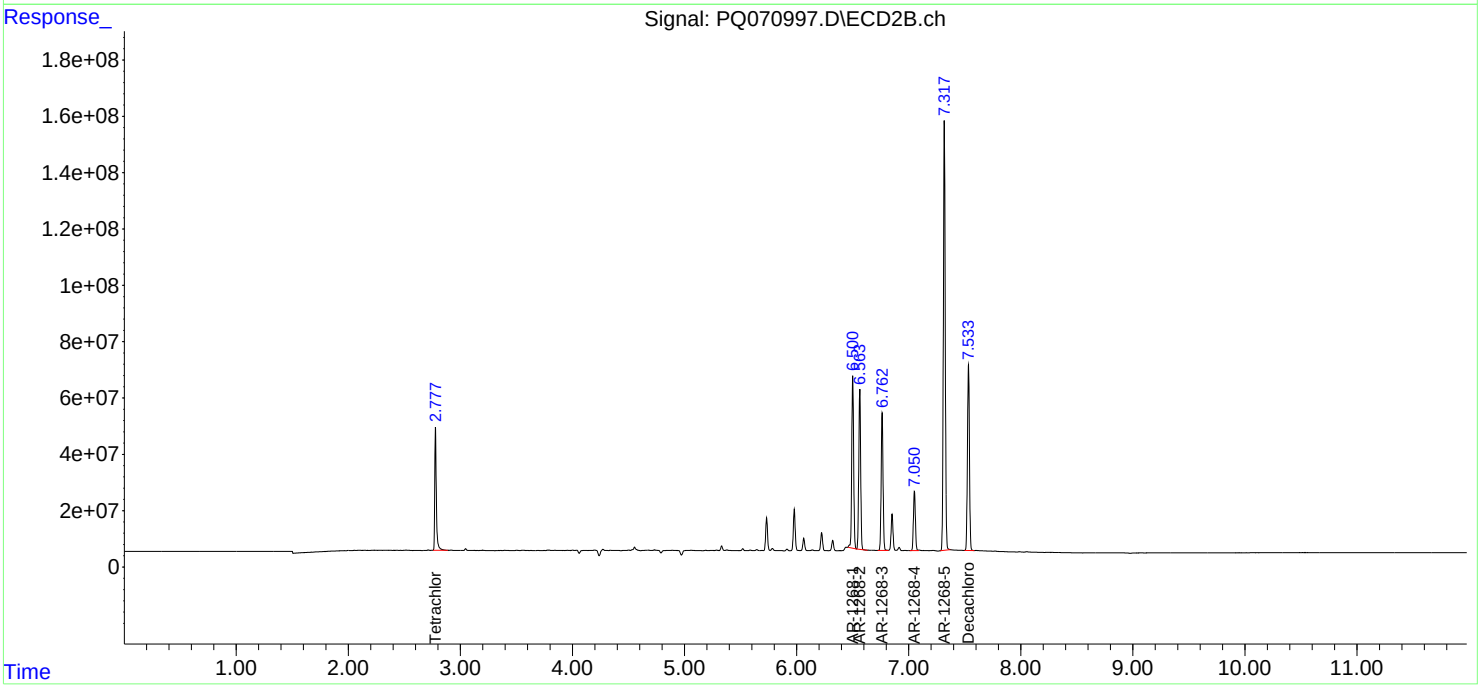
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070997.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 15:59
Operator : YP\AJ
Sample : AR1268ICC750
Misc :
ALS Vial : 27 Sample Multiplier: 1

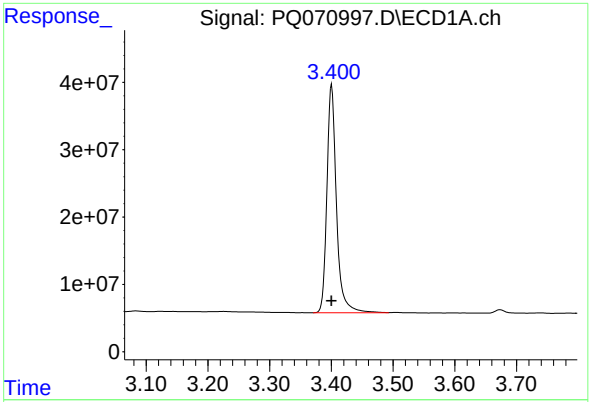
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:47:10 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



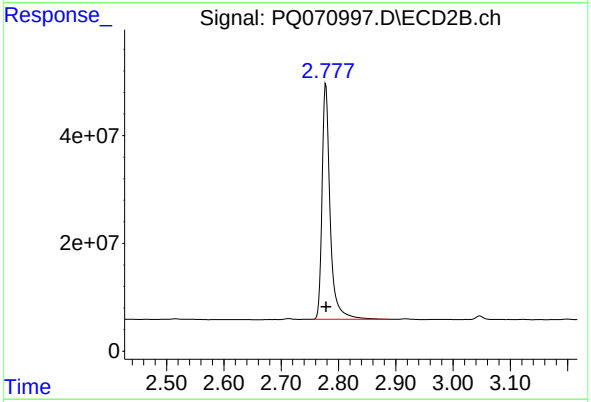




#1 Tetrachloro-m-xylene

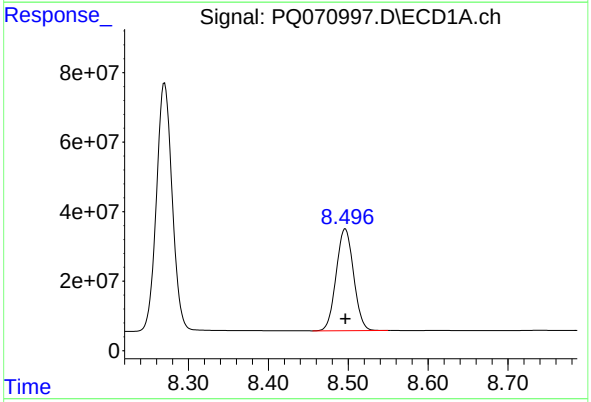
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 365345228
Conc: 75.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



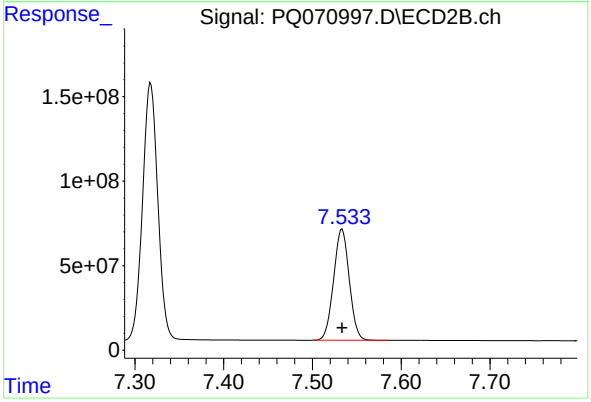
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 429738765
Conc: 75.64 ng/ml



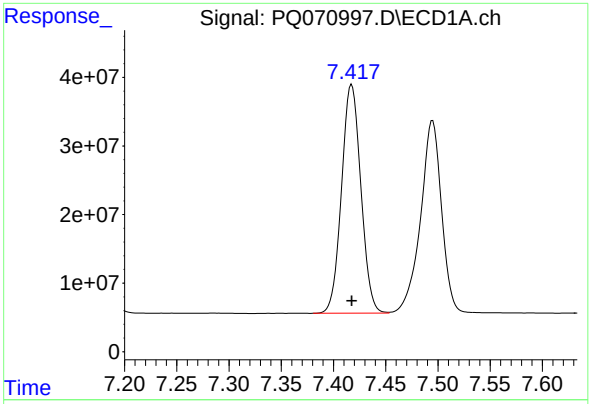
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 443523459
Conc: 75.14 ng/ml



#2 Decachlorobiphenyl

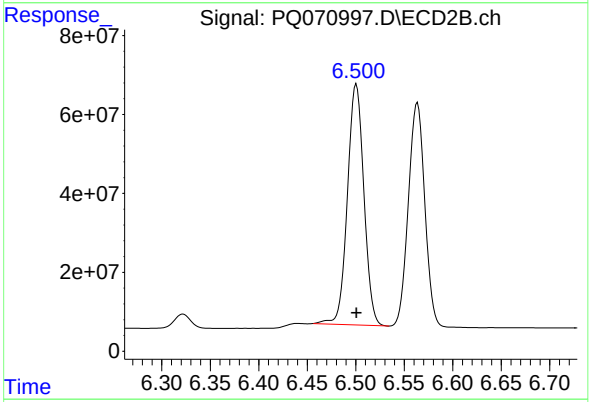
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 805246413
Conc: 75.31 ng/ml



#41 AR-1268-1

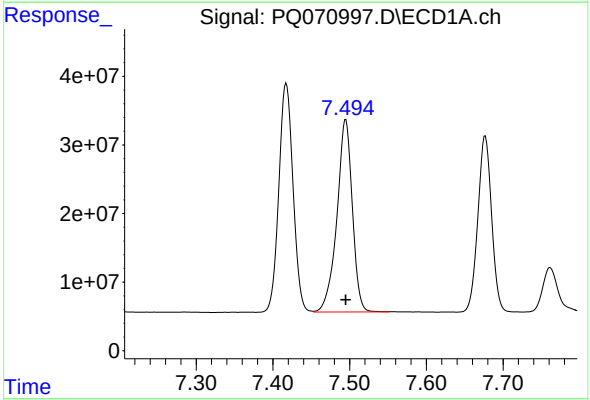
R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 429329141
Conc: 752.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



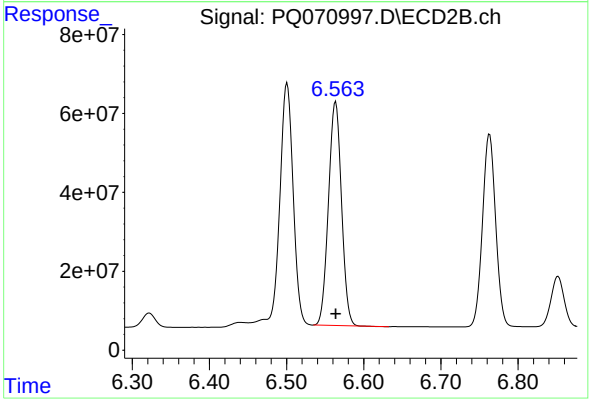
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 721284734
Conc: 754.79 ng/ml



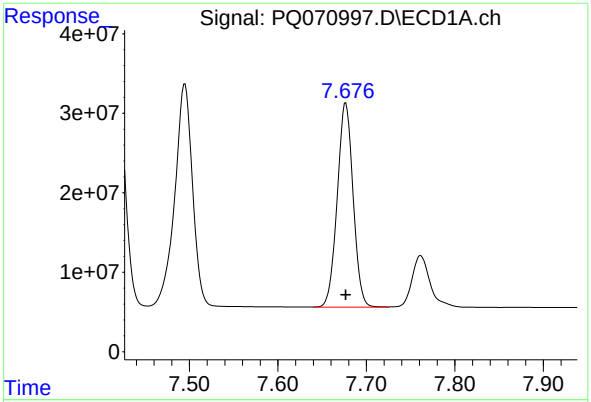
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 393043003
Conc: 751.78 ng/ml



#42 AR-1268-2

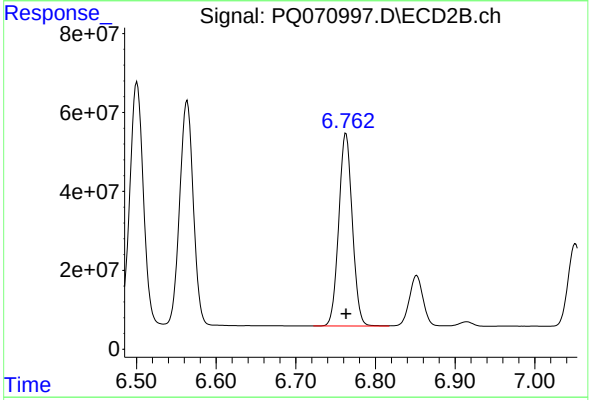
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 668369020
Conc: 756.47 ng/ml



#43 AR-1268-3

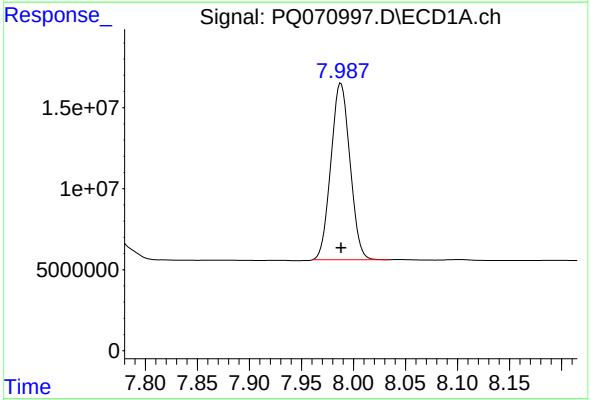
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 320649152
Conc: 751.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



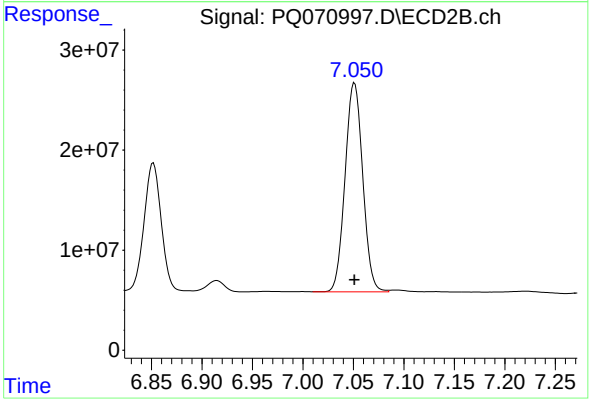
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 577309161
Conc: 754.53 ng/ml



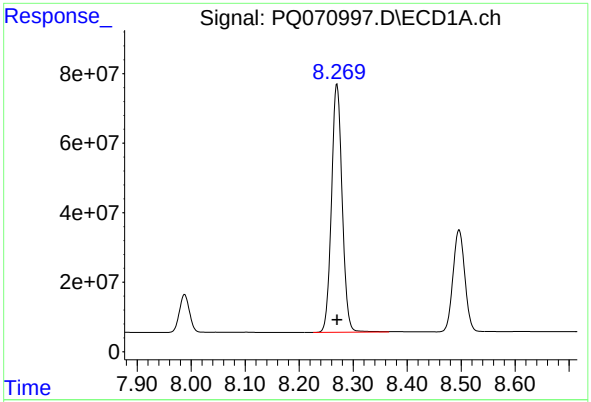
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 139148391
Conc: 752.79 ng/ml



#44 AR-1268-4

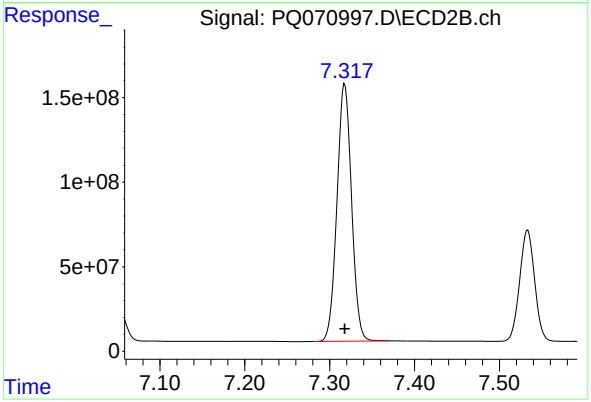
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 254605180
Conc: 752.33 ng/ml



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 981007723
Conc: 752.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC750



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1816697371
Conc: 753.88 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.778	245.8E6	286.7E6	50.000	50.000
2)	SA Decachlor...	8.497	7.533	301.9E6	547.1E6	50.000	50.000
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.501	291.7E6	486.8E6	500.000	500.000
42)	L9 AR-1268-2	7.496	6.564	267.0E6	450.3E6	500.000	500.000
43)	L9 AR-1268-3	7.677	6.763	218.3E6	389.8E6	500.000	500.000
44)	L9 AR-1268-4	7.988	7.051	94812460	172.8E6	500.000	500.000
45)	L9 AR-1268-5	8.271	7.318	660.7E6	1216.2E6	500.000	500.000

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

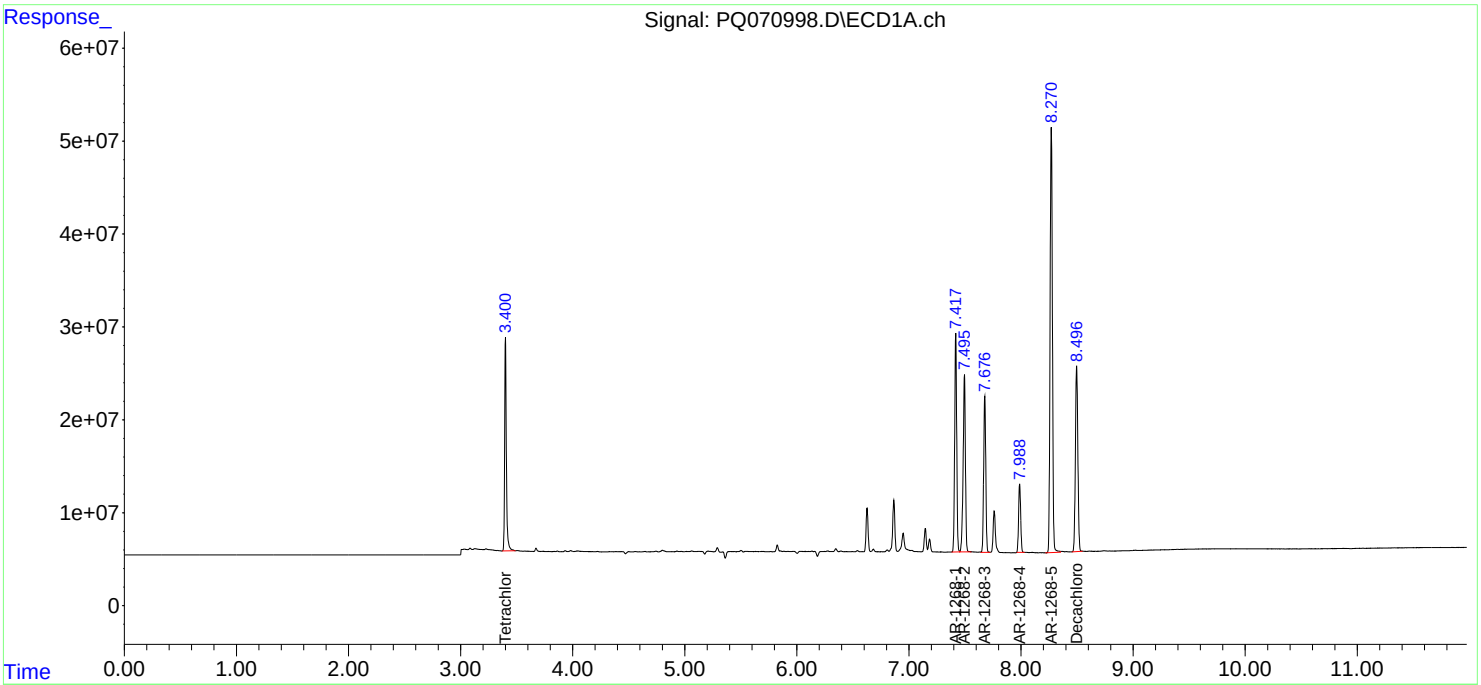
ICAL Form

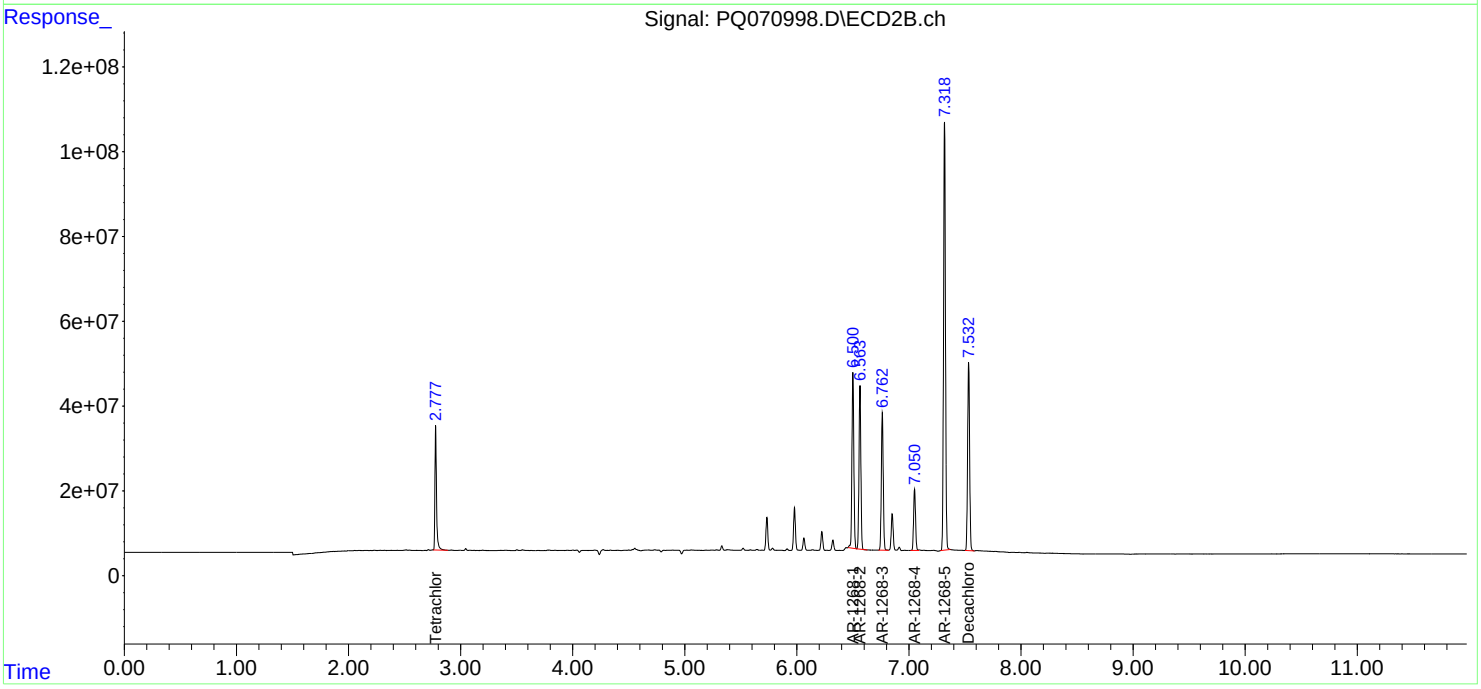
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070998.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:13
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

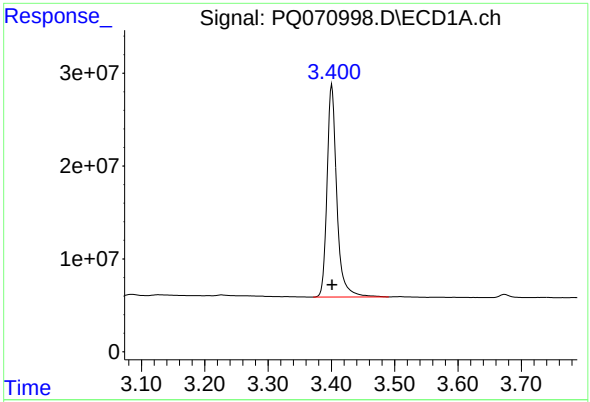
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:41:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



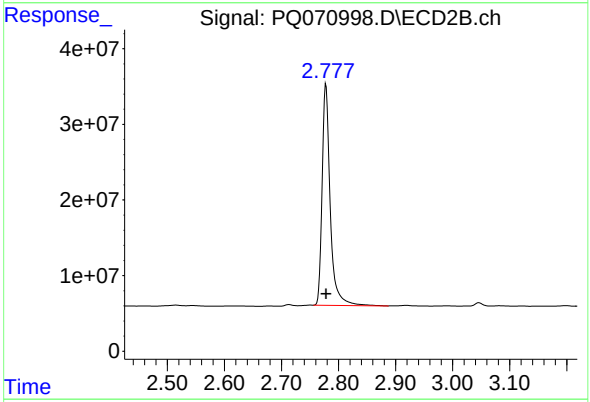




#1 Tetrachloro-m-xylene

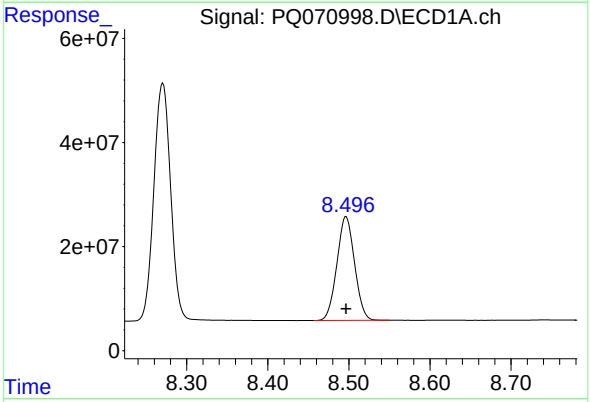
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 245811296
Conc: 50.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



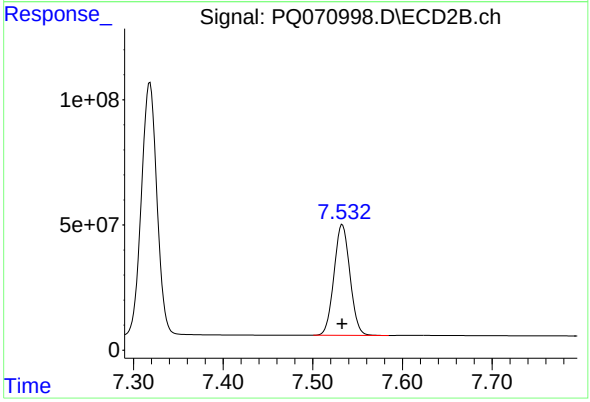
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 286653182
Conc: 50.00 ng/ml



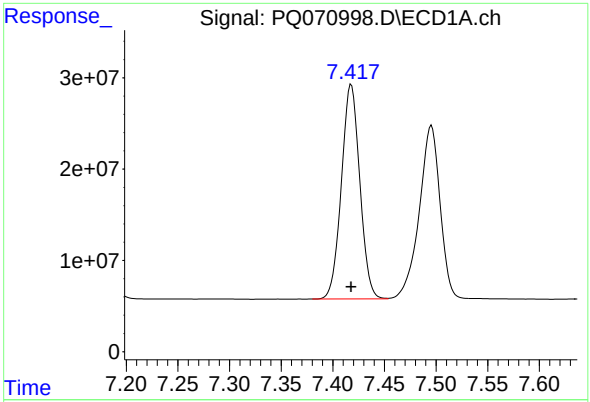
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 301868295
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

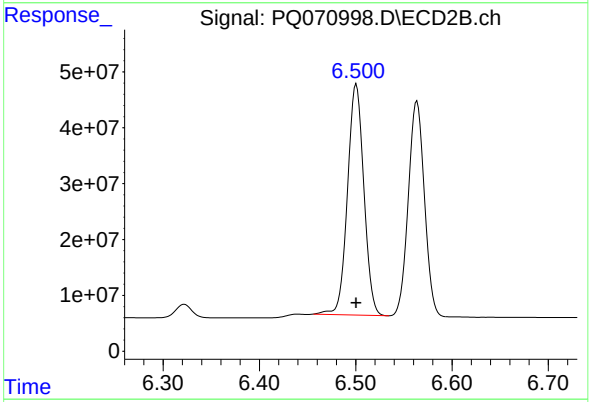
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 547076079
Conc: 50.00 ng/ml



#41 AR-1268-1

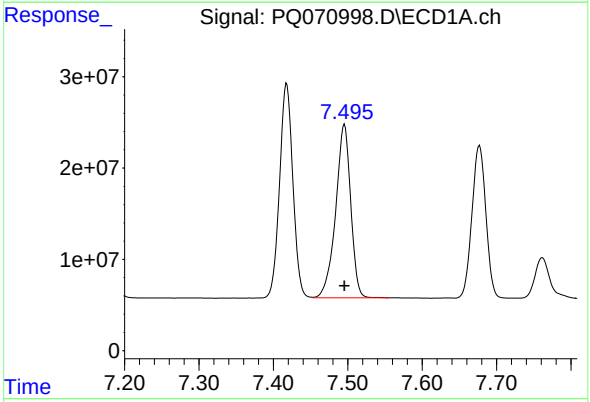
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 291682733
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



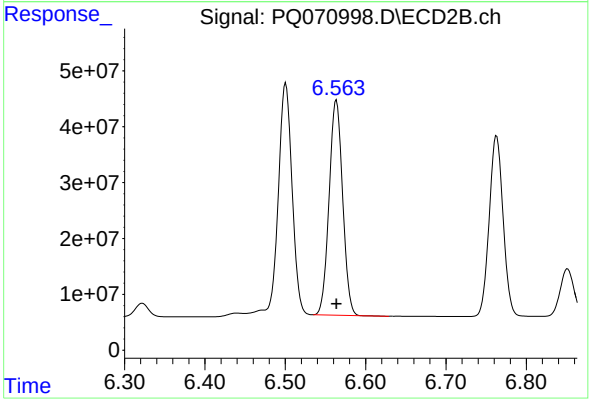
#41 AR-1268-1

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 486826354
Conc: 500.00 ng/ml



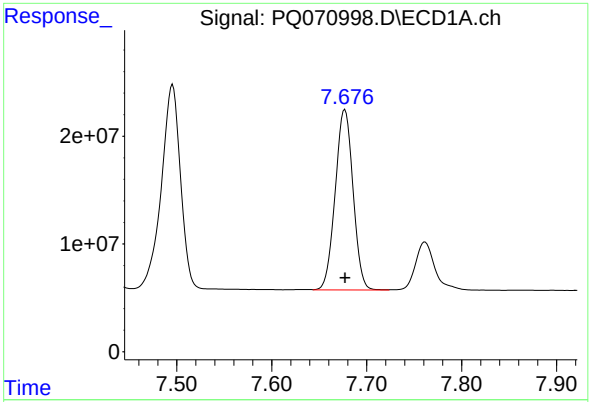
#42 AR-1268-2

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 267037614
Conc: 500.00 ng/ml



#42 AR-1268-2

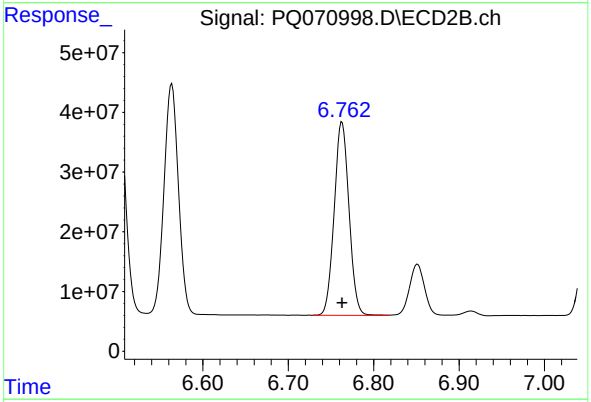
R.T.: 6.564 min
Delta R.T.: 0.000 min
Response: 450297458
Conc: 500.00 ng/ml



#43 AR-1268-3

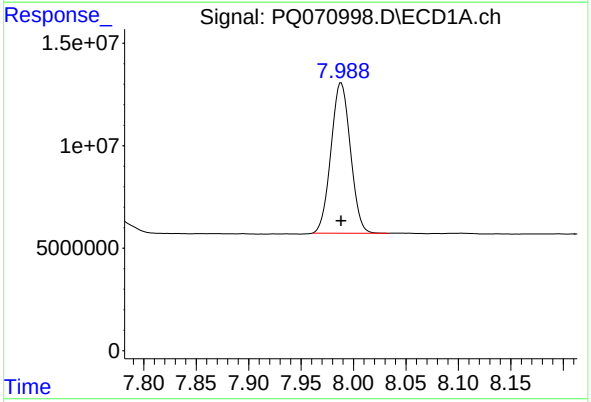
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 218323049
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



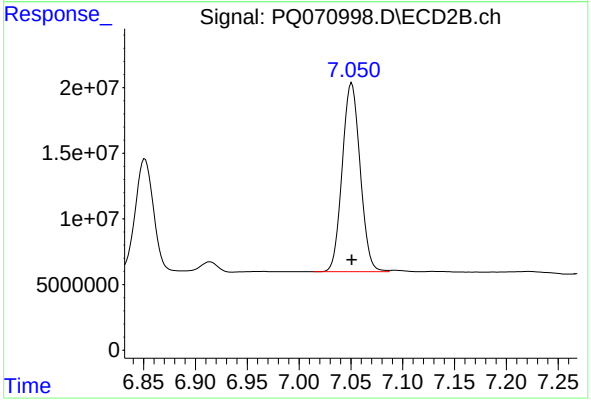
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 389807807
Conc: 500.00 ng/ml



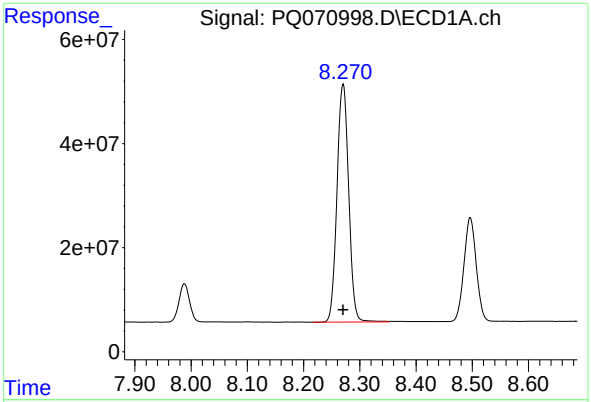
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 94812460
Conc: 500.00 ng/ml



#44 AR-1268-4

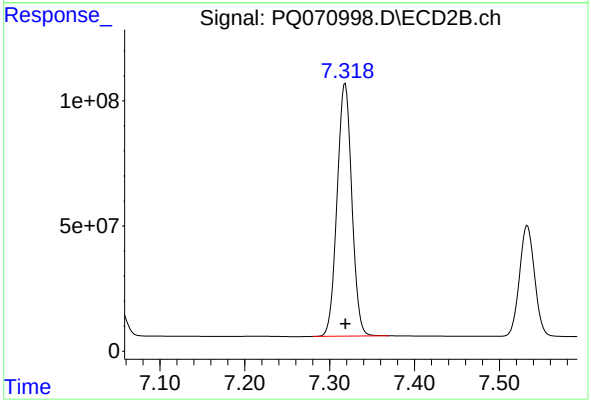
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 172818331
Conc: 500.00 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 660690181
Conc: 500.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC500



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1216236053
Conc: 500.00 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	124.1E6	145.7E6	25.476	25.482
2)	SA Decachlor...	8.496	7.533	154.8E6	281.7E6	25.909	25.997
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.500	149.5E6	243.6E6	258.947	253.674
42)	L9 AR-1268-2	7.495	6.563	136.5E6	226.7E6	258.257	254.883
43)	L9 AR-1268-3	7.677	6.763	110.8E6	198.0E6	257.143	256.485
44)	L9 AR-1268-4	7.988	7.051	48417432	89098499	258.848	259.826
45)	L9 AR-1268-5	8.270	7.317	331.6E6	607.0E6	253.196	251.413

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

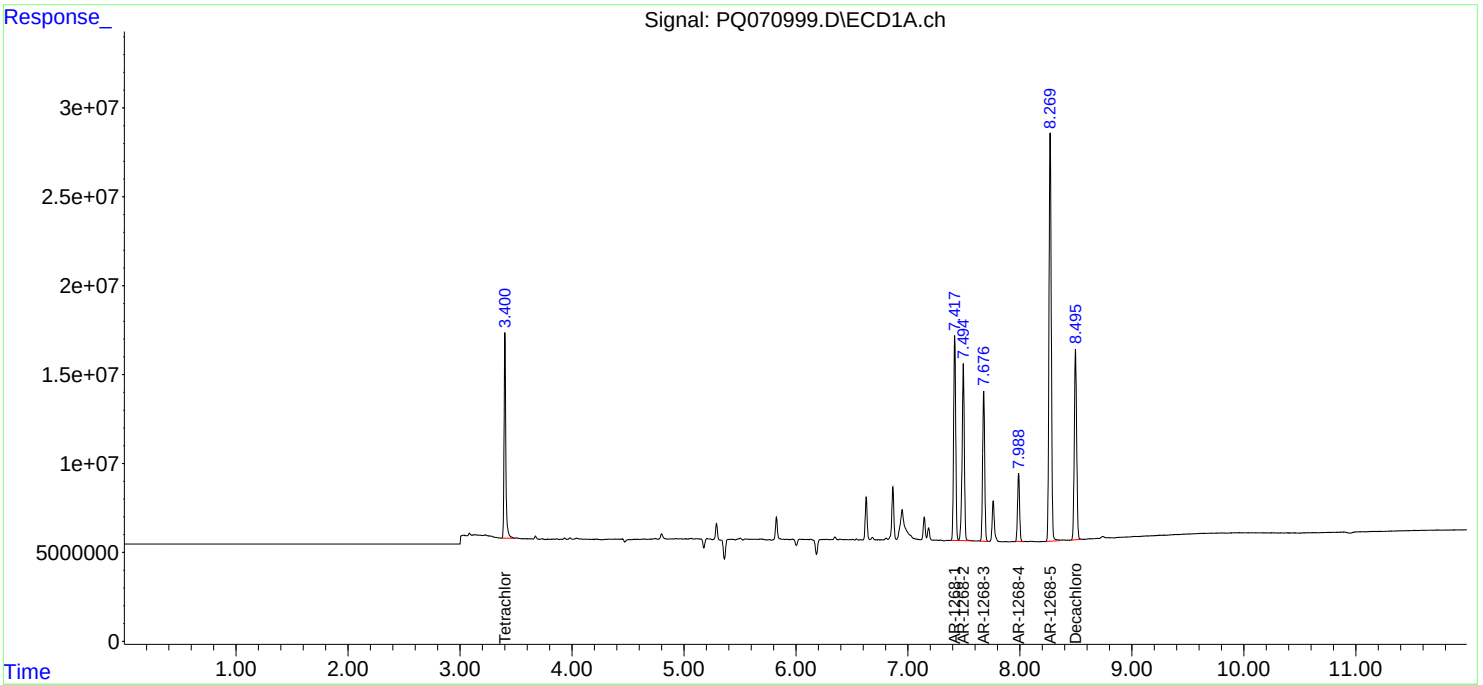
ICAL Form

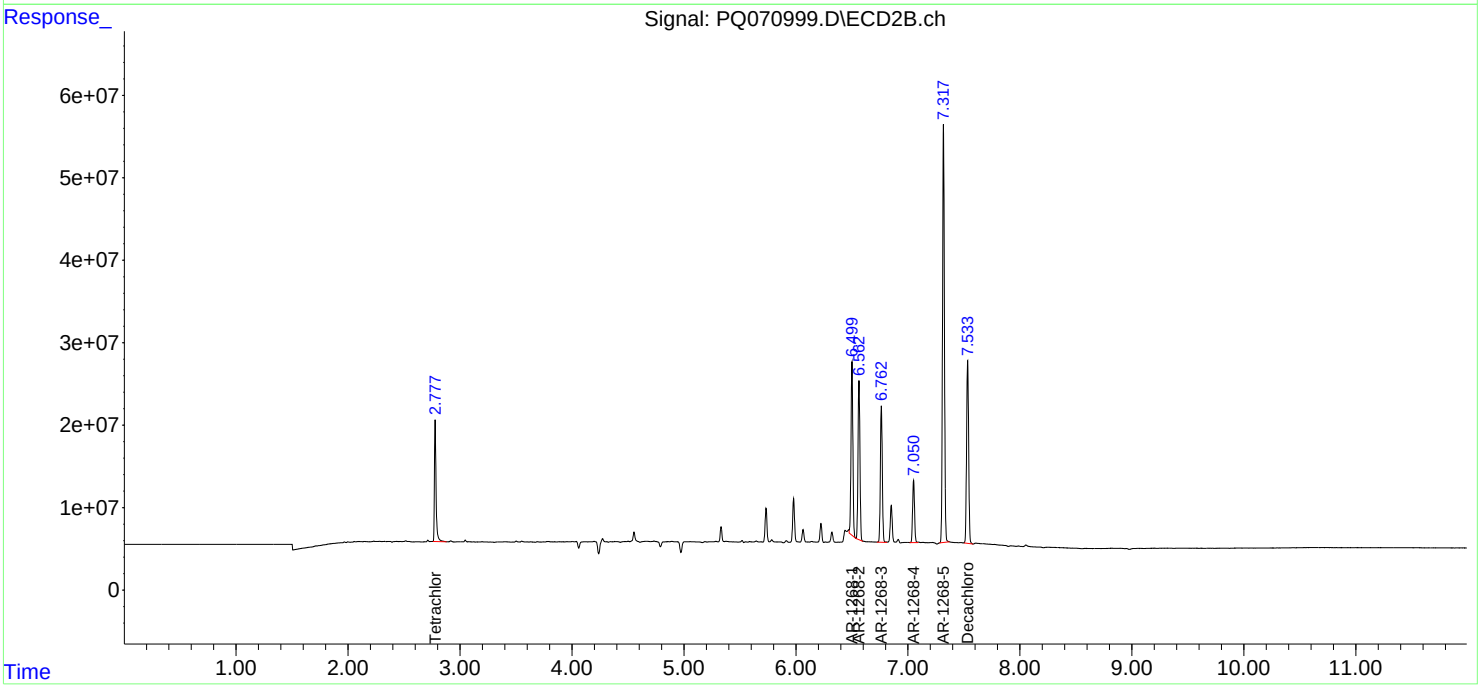
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070999.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:28
Operator : YP\AJ
Sample : AR1268ICC250
Misc :
ALS Vial : 29 Sample Multiplier: 1

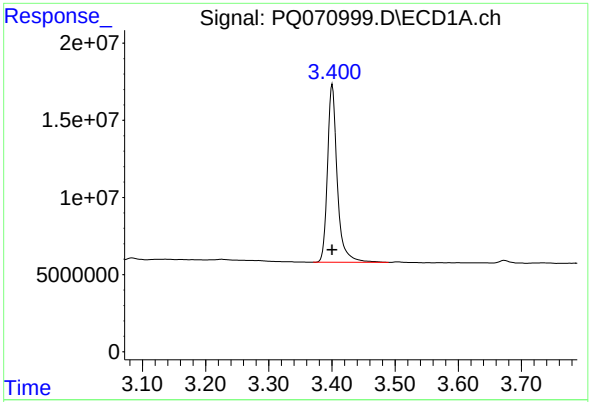
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 16:50:34 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 16:41:42 2025
Response via : Initial Calibration
Integrator: ChemStation

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



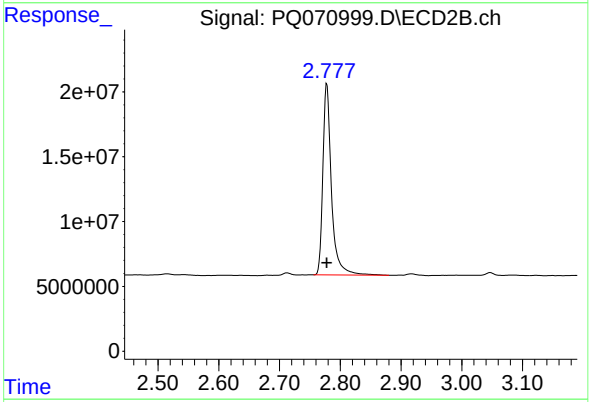




#1 Tetrachloro-m-xylene

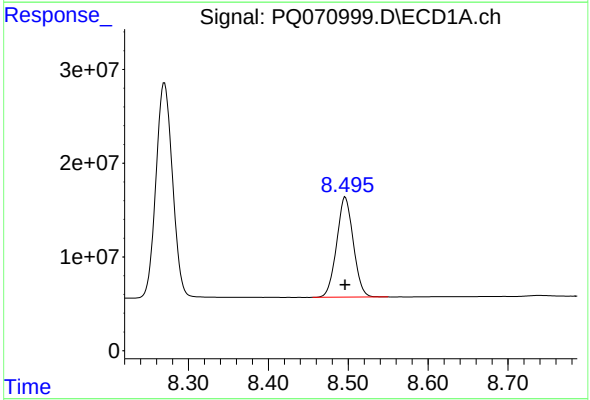
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 124113048
Conc: 25.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



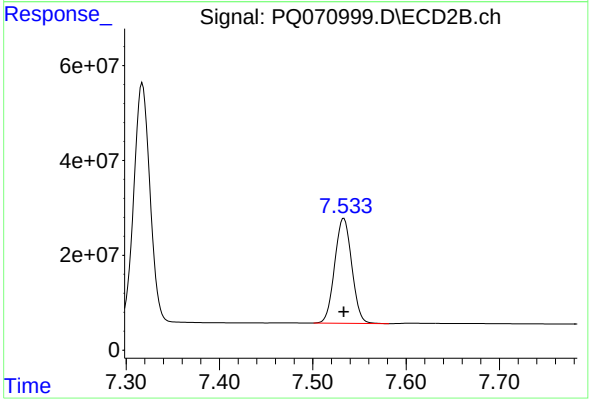
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 145711594
Conc: 25.48 ng/ml



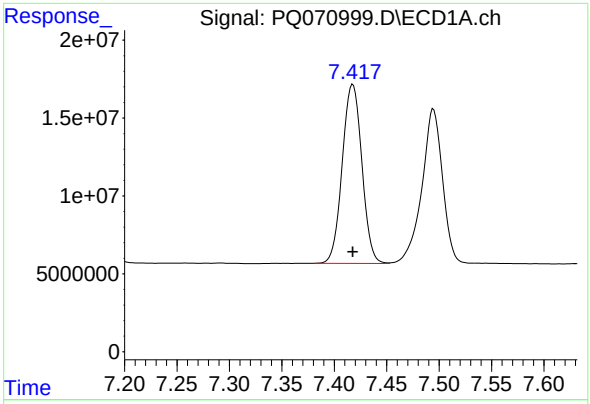
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 154811101
Conc: 25.91 ng/ml



#2 Decachlorobiphenyl

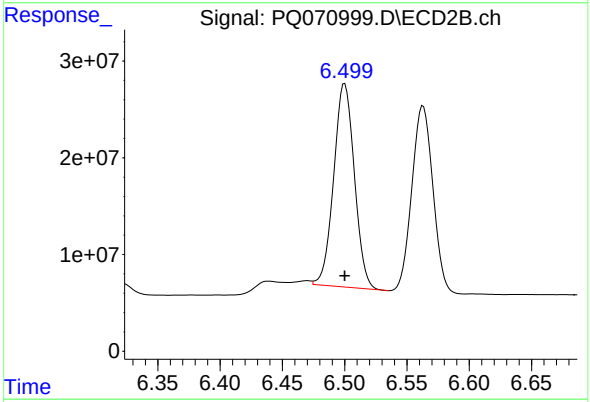
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 281733949
Conc: 26.00 ng/ml



#41 AR-1268-1

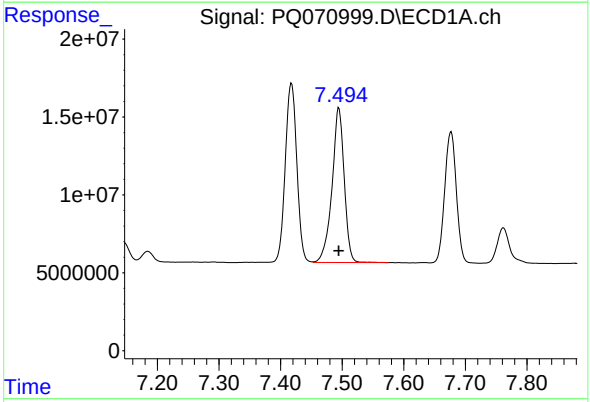
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 149503784
Conc: 258.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



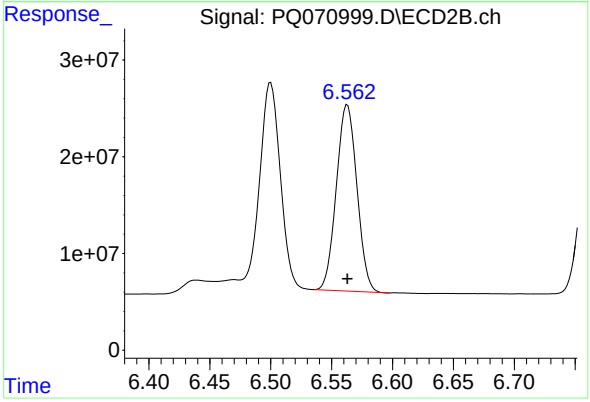
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 243605830
Conc: 253.67 ng/ml



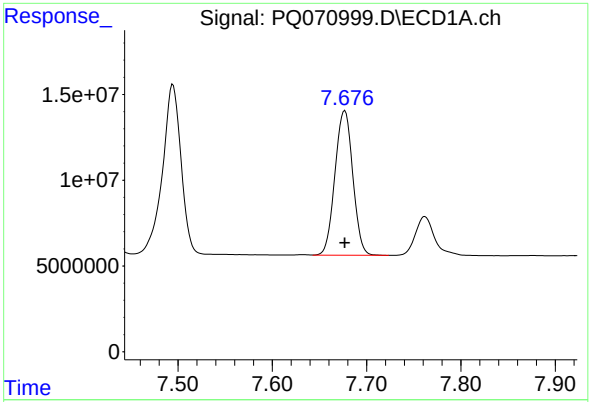
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 136525117
Conc: 258.26 ng/ml



#42 AR-1268-2

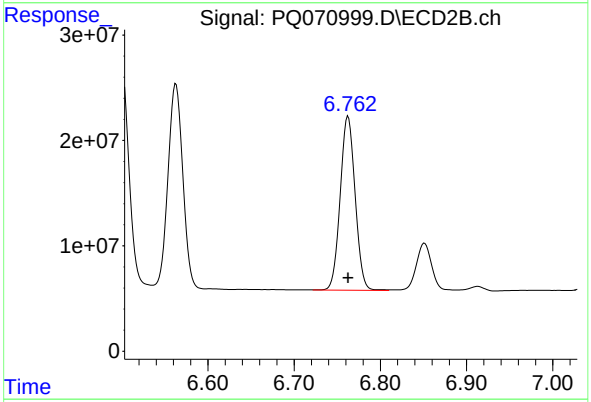
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 226675271
Conc: 254.88 ng/ml



#43 AR-1268-3

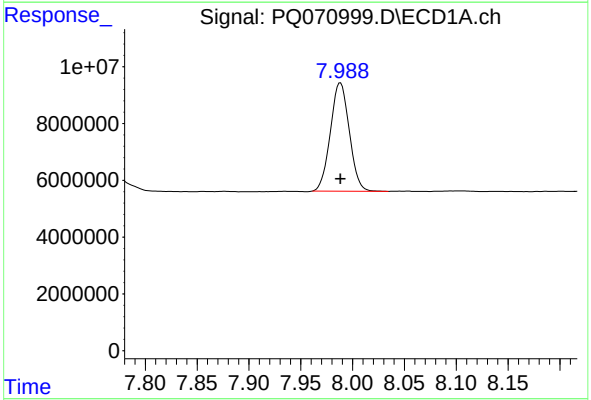
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 110831298
Conc: 257.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



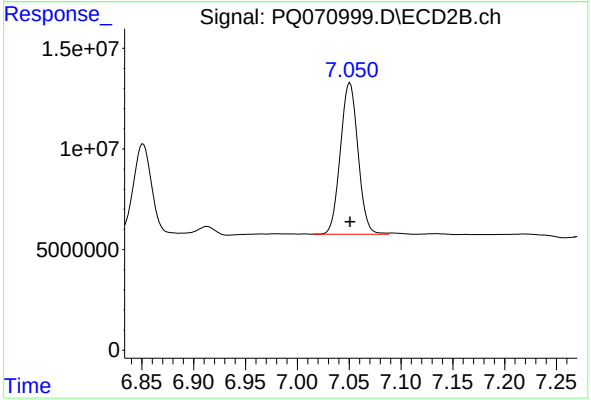
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 197955027
Conc: 256.49 ng/ml



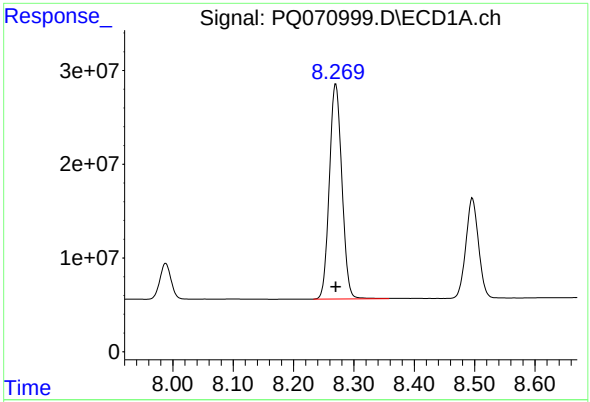
#44 AR-1268-4

R.T.: 7.988 min
Delta R.T.: 0.000 min
Response: 48417432
Conc: 258.85 ng/ml



#44 AR-1268-4

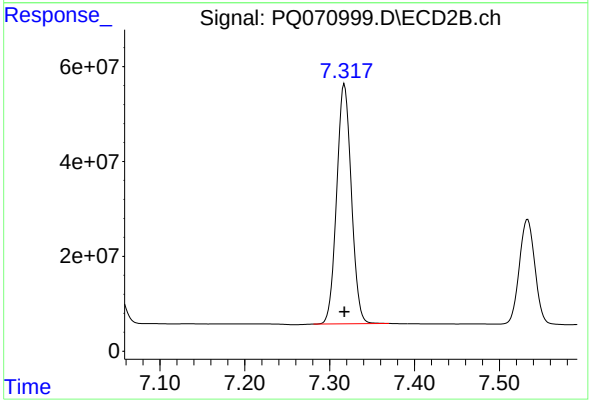
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 89098499
Conc: 259.83 ng/ml



#45 AR-1268-5

R.T.: 8.270 min
Delta R.T.: 0.000 min
Response: 331628529
Conc: 253.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC250



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 606999218
Conc: 251.41 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:16:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	24662420	28347182	5.050	4.966
2)	SA Decachlor...	8.497	7.533	31115212	59480232	5.165	5.383
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.500	30187398	51549310	51.812	52.901
42)	L9 AR-1268-2	7.495	6.563	26994207	46812925	50.847	52.089
43)	L9 AR-1268-3	7.676	6.763	22122982	41071128	51.057	52.539
44)	L9 AR-1268-4	7.989	7.050	9507758	17547775	50.662	50.933
45)	L9 AR-1268-5	8.271	7.317	65947884	122.2E6	50.280	50.497

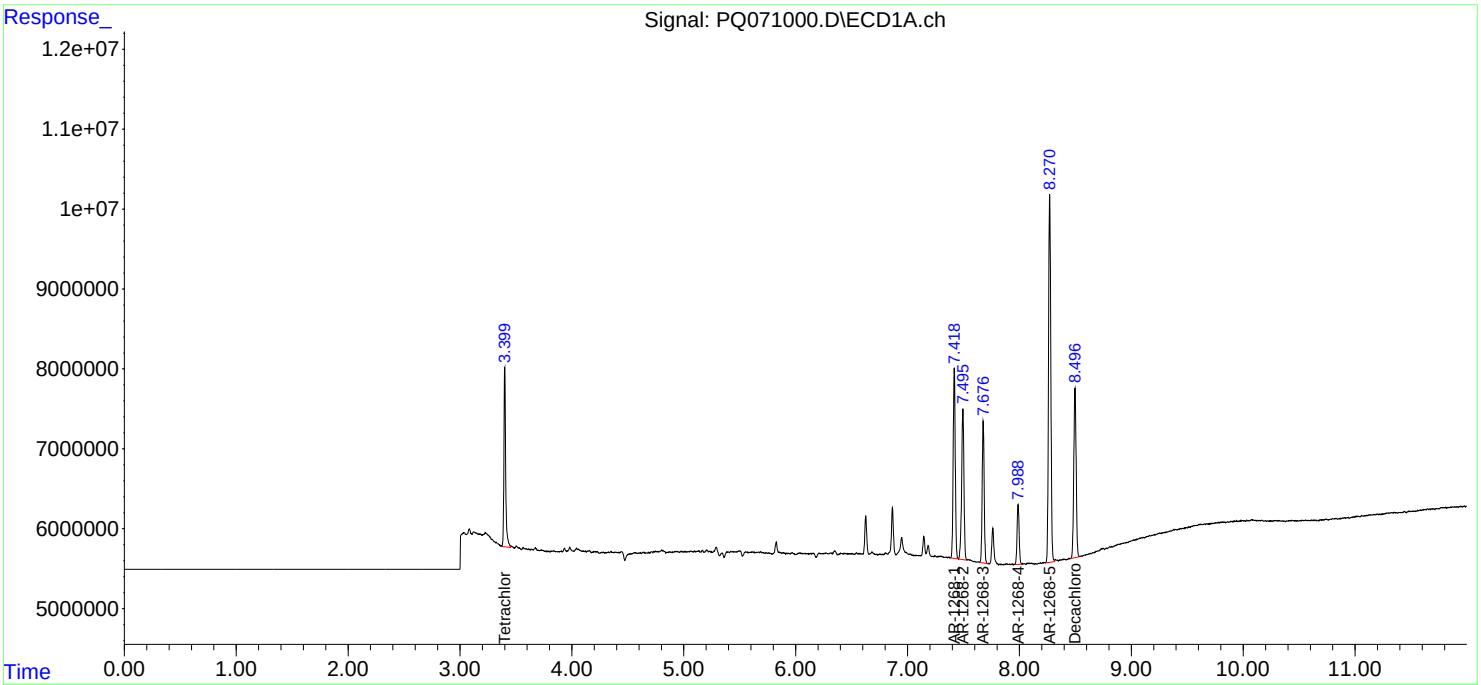
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

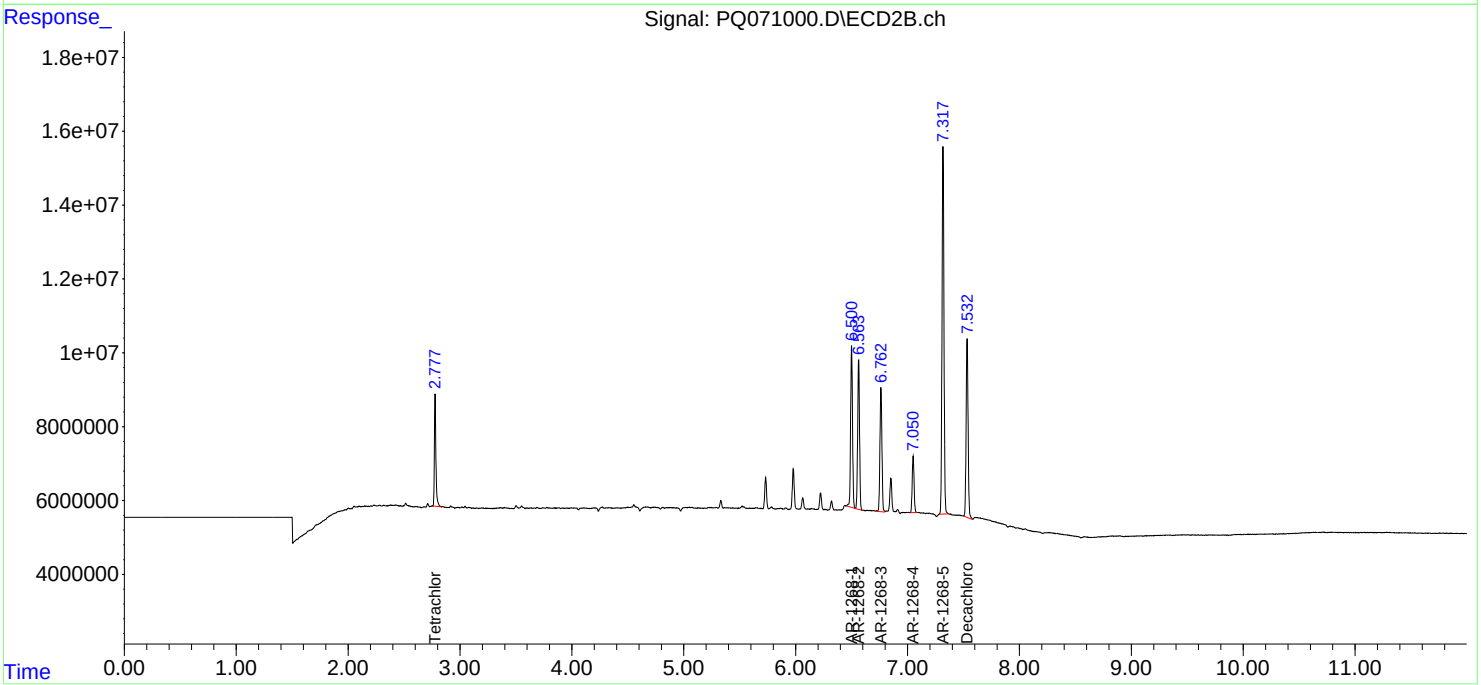
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071000.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:43
Operator : YP\AJ
Sample : AR1268ICC050
Misc :
ALS Vial : 30 Sample Multiplier: 1

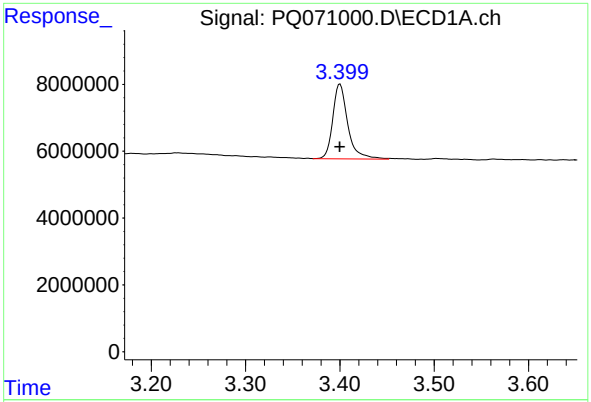
Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:16:32 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:16:19 2025
Response via : Initial Calibration
Integrator: ChemStation

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



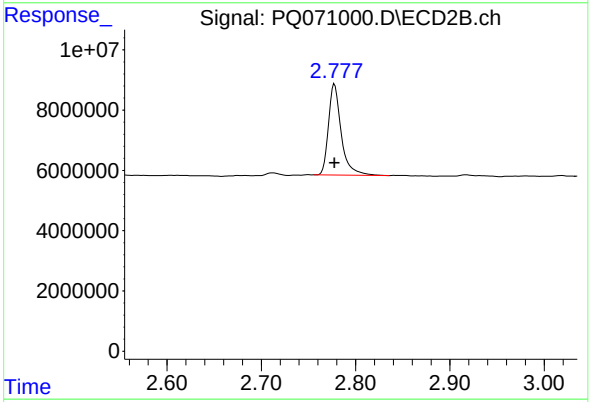




#1 Tetrachloro-m-xylene

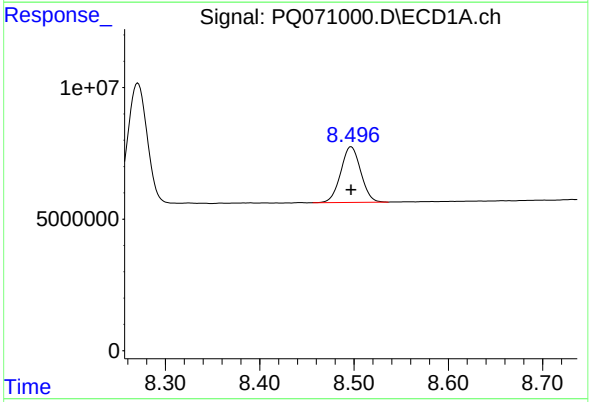
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 24662420
Conc: 5.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



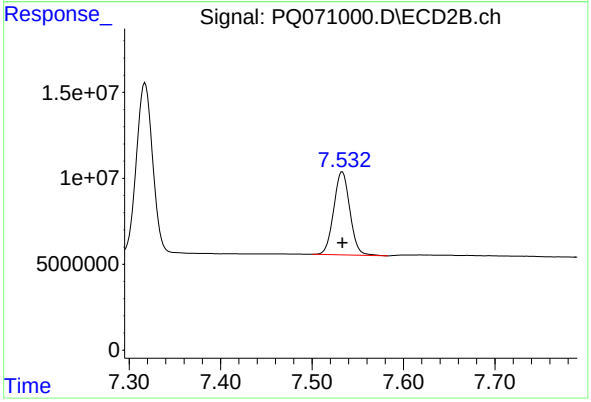
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 28347182
Conc: 4.97 ng/ml



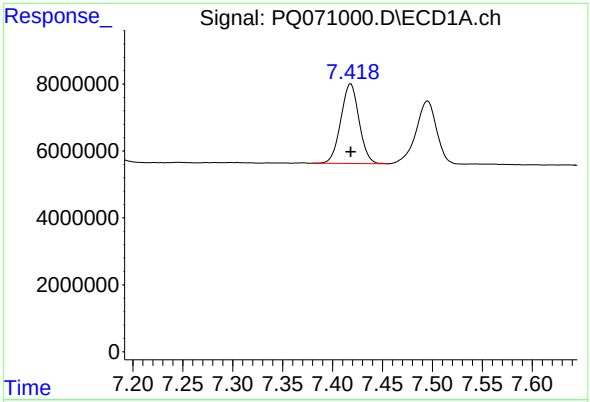
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 31115212
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

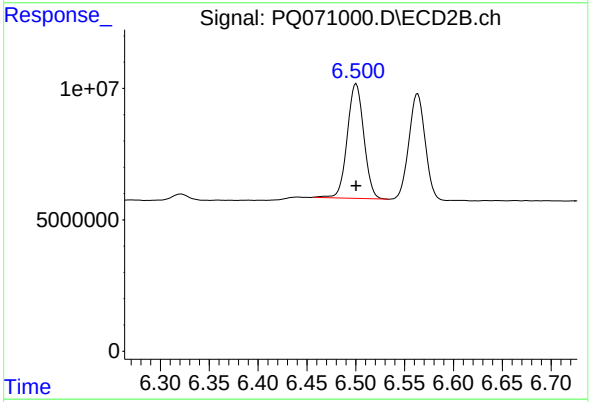
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 59480232
Conc: 5.38 ng/ml



#41 AR-1268-1

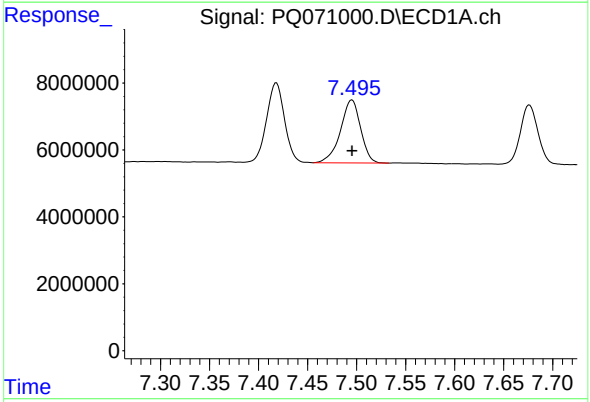
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 30187398
Conc: 51.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



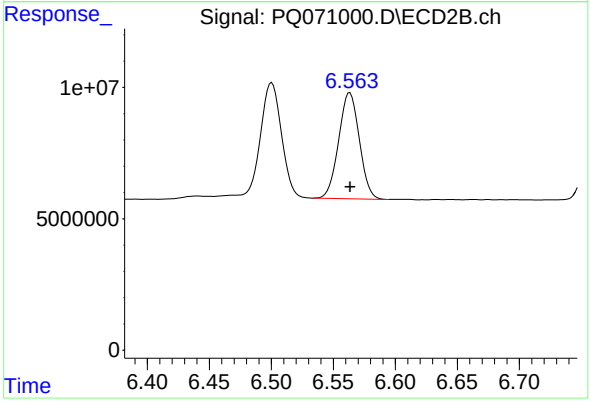
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 51549310
Conc: 52.90 ng/ml



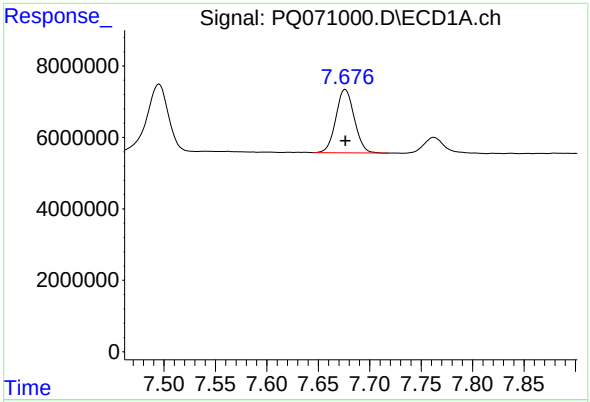
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 26994207
Conc: 50.85 ng/ml



#42 AR-1268-2

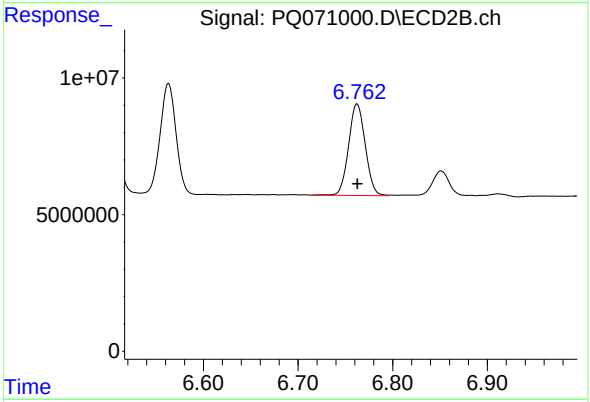
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 46812925
Conc: 52.09 ng/ml



#43 AR-1268-3

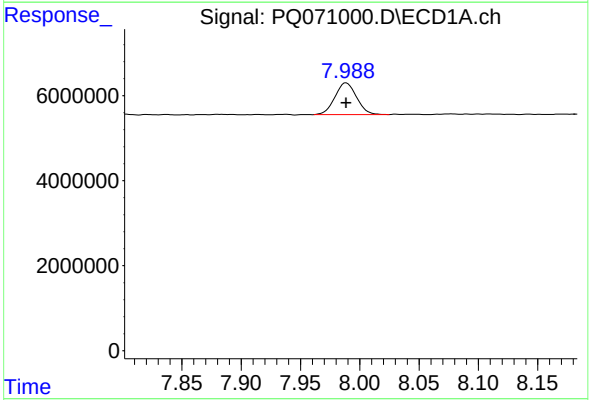
R.T.: 7.676 min
Delta R.T.: 0.000 min
Response: 22122982
Conc: 51.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



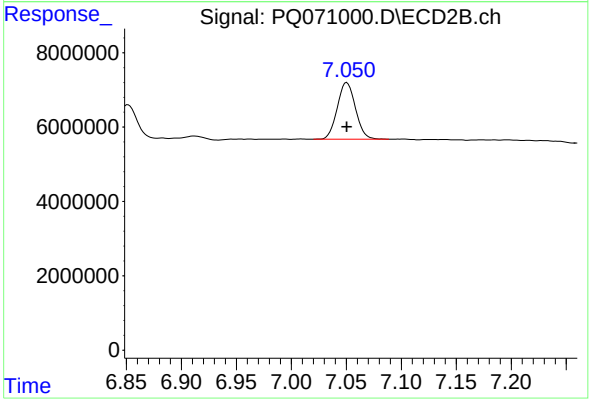
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 41071128
Conc: 52.54 ng/ml



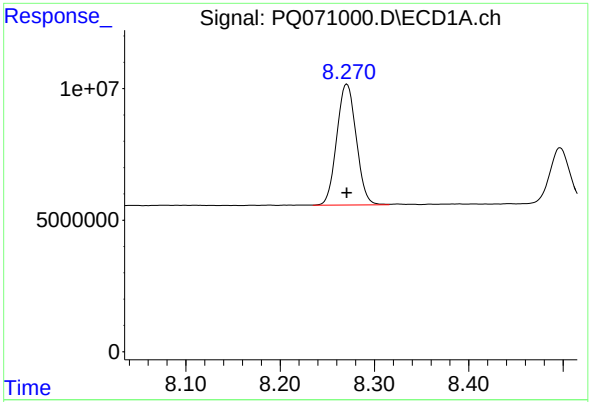
#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 9507758
Conc: 50.66 ng/ml



#44 AR-1268-4

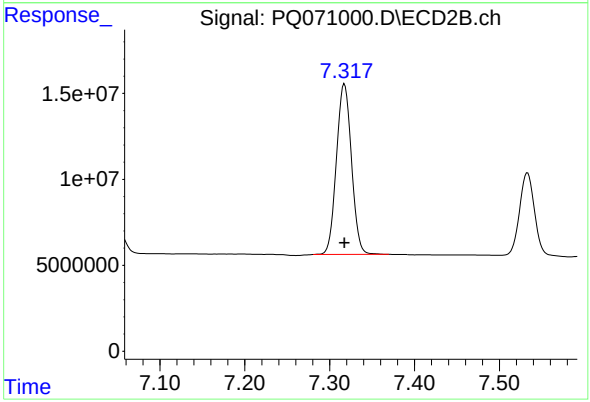
R.T.: 7.050 min
Delta R.T.: 0.000 min
Response: 17547775
Conc: 50.93 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 65947884
Conc: 50.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1268ICC050



#45 AR-1268-5

R.T.: 7.317 min
Delta R.T.: 0.000 min
Response: 122222176
Conc: 50.50 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:57
Operator : YP\AJ
Sample : PQ101025ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:29:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	237.3E6	265.1E6	54.558	52.183
2)	SA Decachlor...	8.497	7.533	168.1E6	302.1E6	57.872	59.825
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.777	84536347	121.7E6	515.013	543.285m
4)	L1 AR-1016-2	4.499	3.792	137.9E6	157.0E6	537.936	461.544m
5)	L1 AR-1016-3	4.556	3.953	86370882	89605925	542.809	492.722m
6)	L1 AR-1016-4	4.646	4.001	72647096	77616175	559.128	493.075m
7)	L1 AR-1016-5	4.931	4.196	71678763	95334887	556.500	496.945m
31)	L7 AR-1260-1	6.019	5.188	124.6E6	179.0E6	531.360m	496.698m
32)	L7 AR-1260-2	6.275	5.377	157.7E6	216.4E6	569.990m	491.786m
33)	L7 AR-1260-3	6.627	5.518	115.0E6	195.1E6	576.989	470.083
34)	L7 AR-1260-4	6.840	5.979	126.1E6	186.2E6	586.767	517.623
35)	L7 AR-1260-5	7.146	6.224	259.3E6	433.0E6	597.827	515.349

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071001.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 16:57
Operator : YP\AJ
Sample : PQ101025ICV
Misc :
ALS Vial : 31 Sample Multiplier: 1

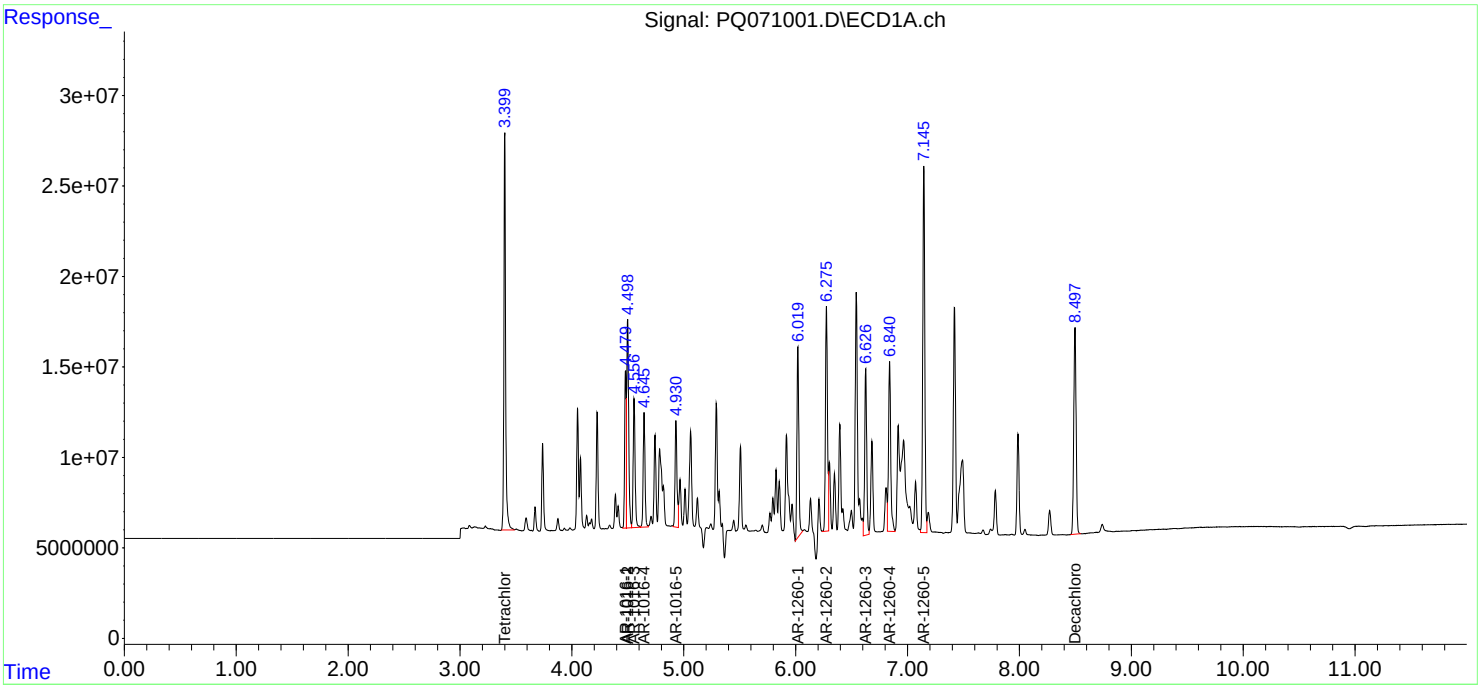
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

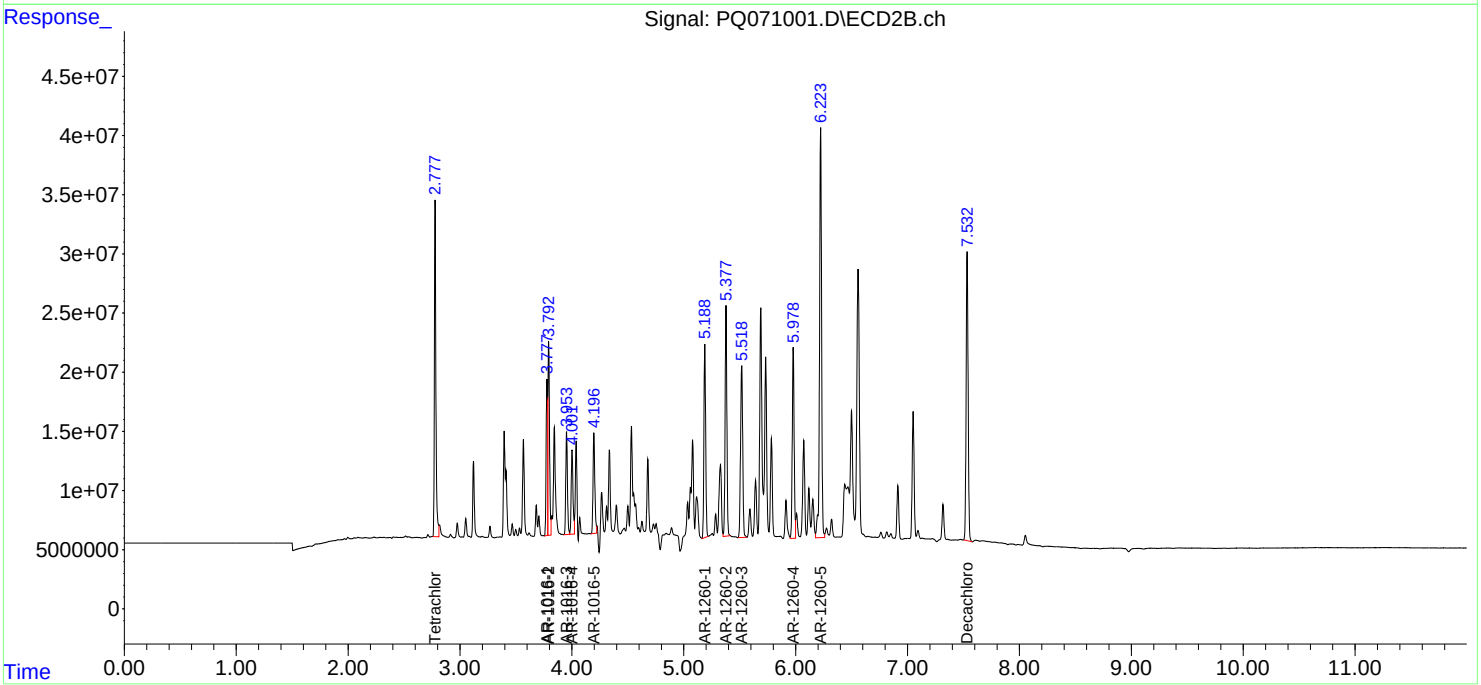
Manual Integrations APPROVED

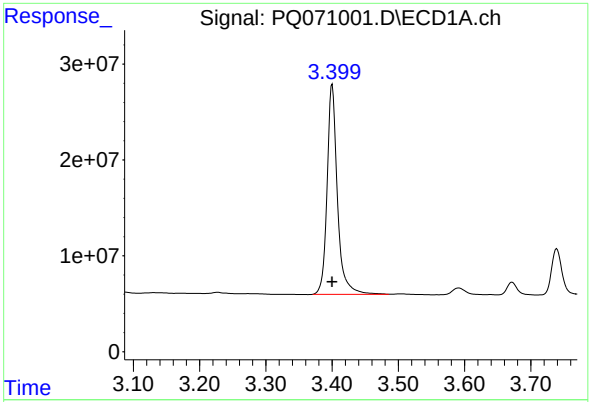
Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:29:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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







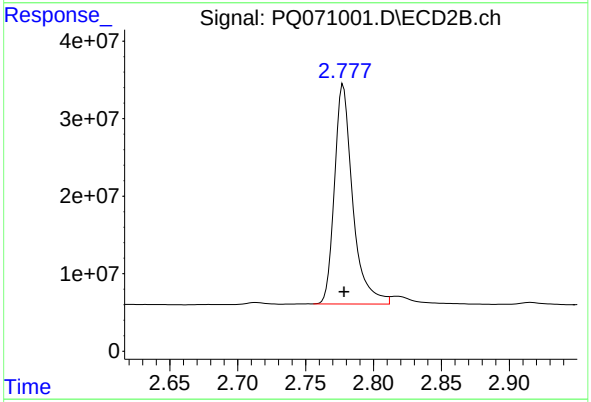
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 237342010
Conc: 54.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

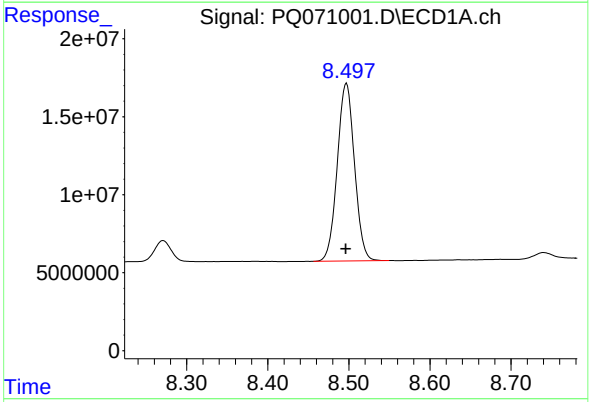
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



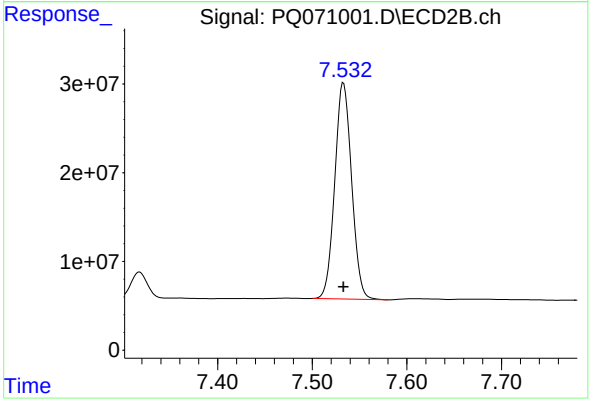
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 265088435
Conc: 52.18 ng/ml



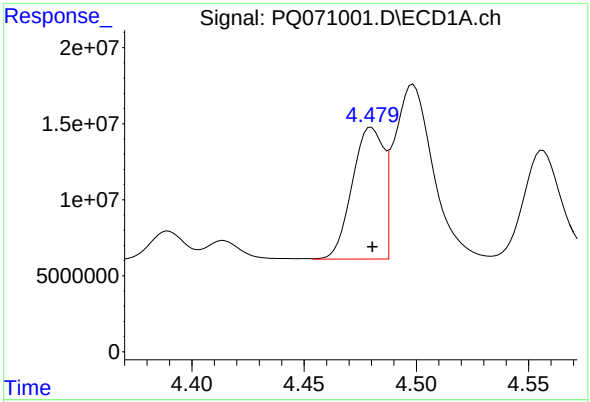
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.001 min
Response: 168058544
Conc: 57.87 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 302090515
Conc: 59.83 ng/ml



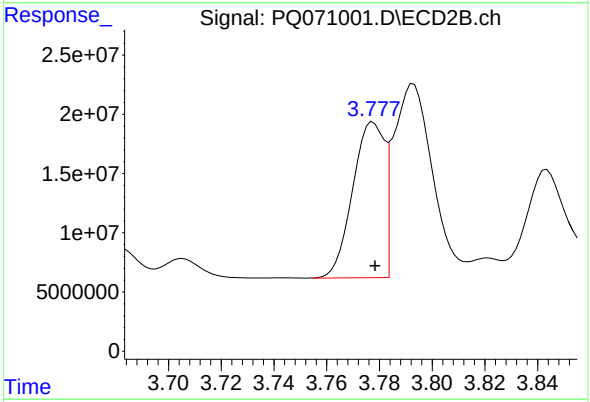
#3 AR-1016-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 84536347
Conc: 515.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

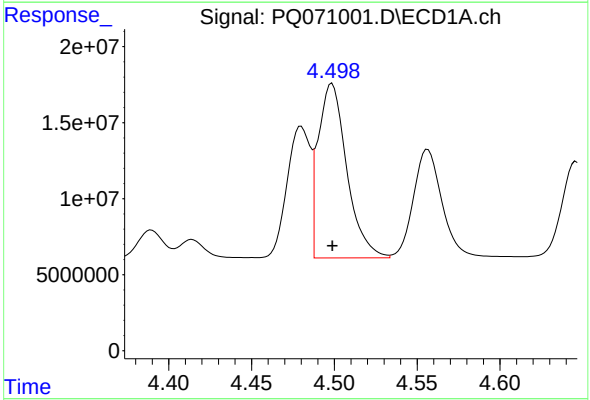
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



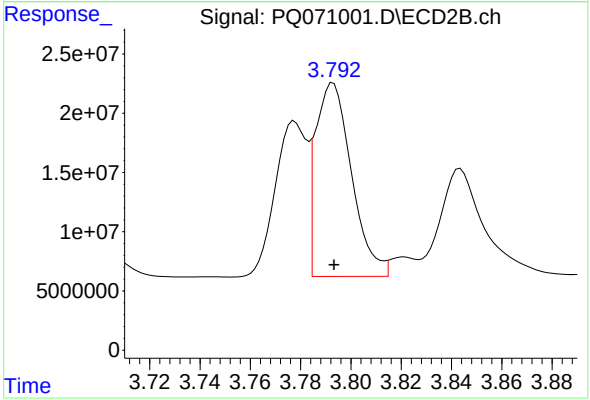
#3 AR-1016-1

R.T.: 3.777 min
Delta R.T.: -0.001 min
Response: 121697010
Conc: 543.29 ng/ml m



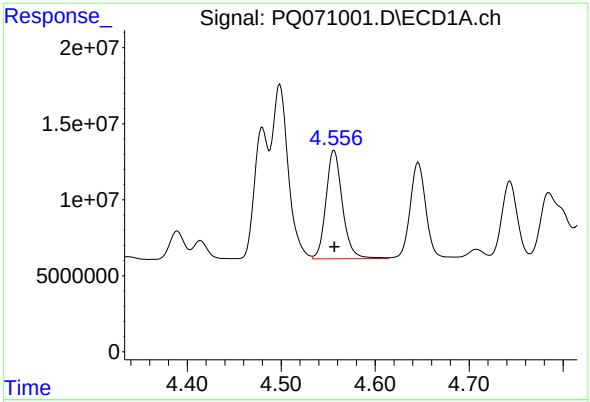
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 137870017
Conc: 537.94 ng/ml



#4 AR-1016-2

R.T.: 3.792 min
Delta R.T.: -0.001 min
Response: 156981599
Conc: 461.54 ng/ml m



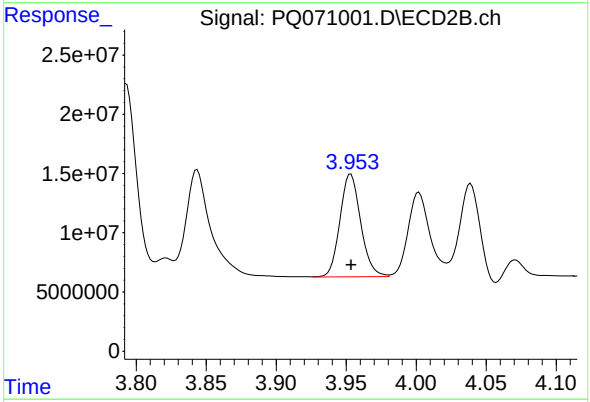
#5 AR-1016-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 86370882
Conc: 542.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

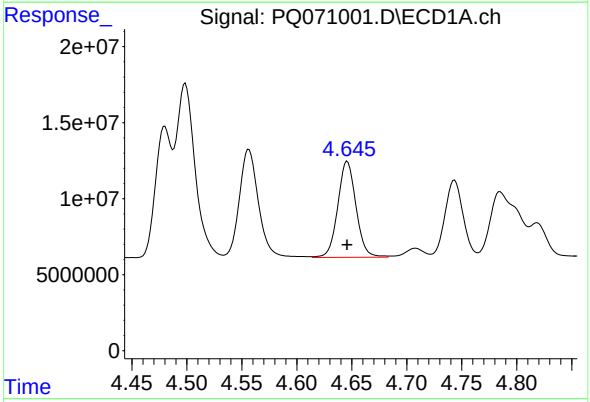
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



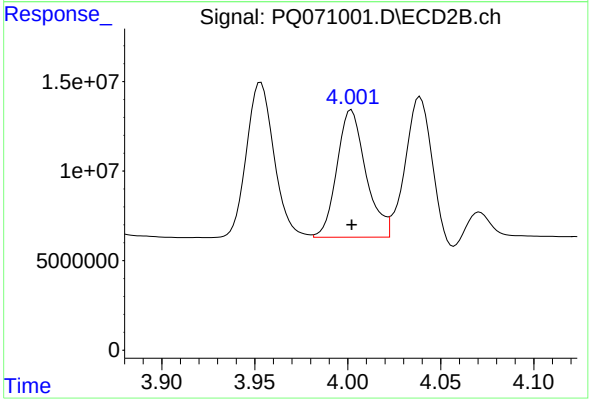
#5 AR-1016-3

R.T.: 3.953 min
Delta R.T.: 0.000 min
Response: 89605925
Conc: 492.72 ng/ml m



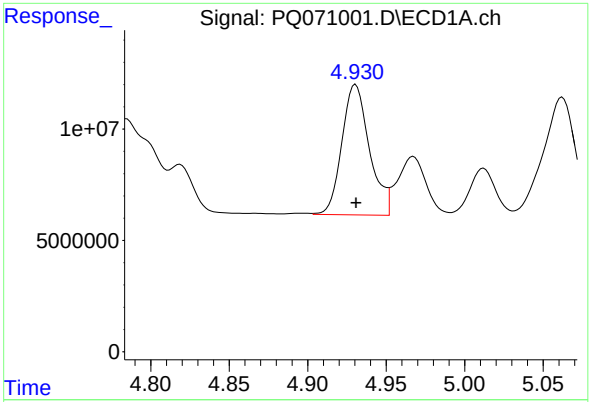
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 72647096
Conc: 559.13 ng/ml



#6 AR-1016-4

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 77616175
Conc: 493.07 ng/ml m



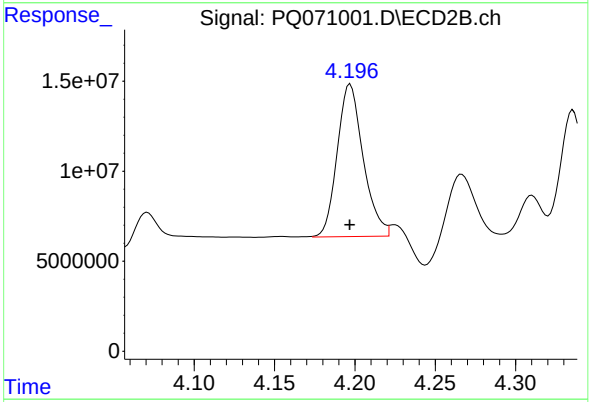
#7 AR-1016-5

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 71678763
Conc: 556.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

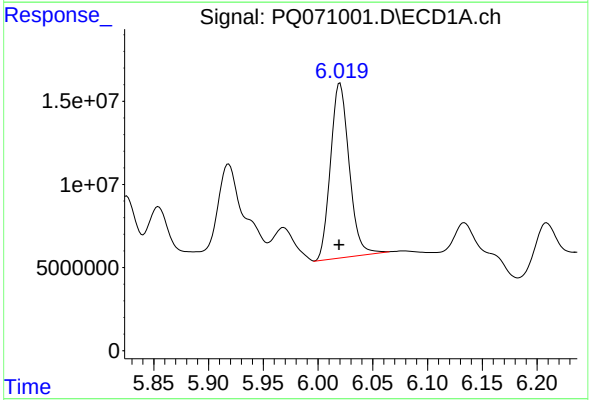
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



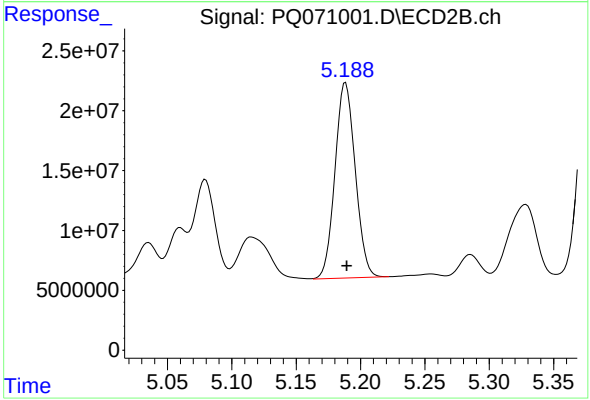
#7 AR-1016-5

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 95334887
Conc: 496.95 ng/ml m



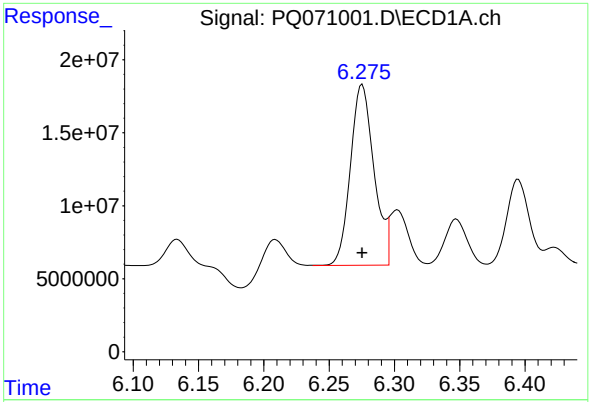
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 124588657
Conc: 531.36 ng/ml m



#31 AR-1260-1

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 179013037
Conc: 496.70 ng/ml m



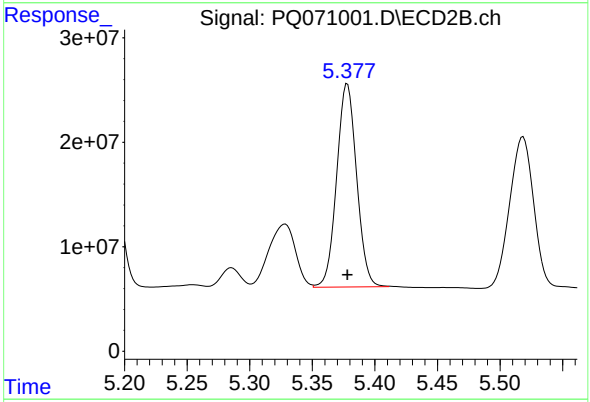
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 157664225
Conc: 569.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

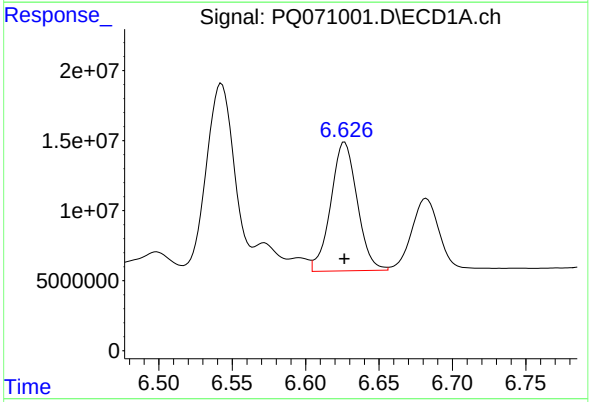
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



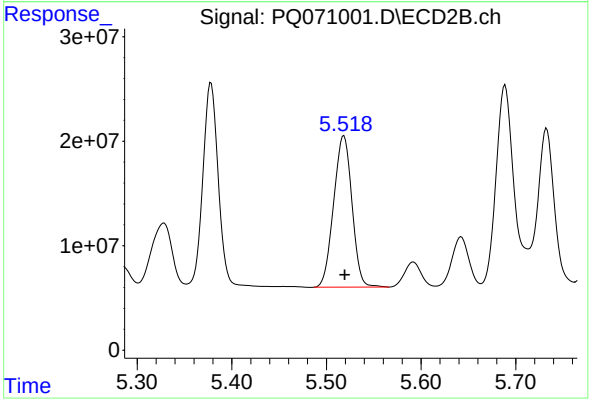
#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 216382734
Conc: 491.79 ng/ml m



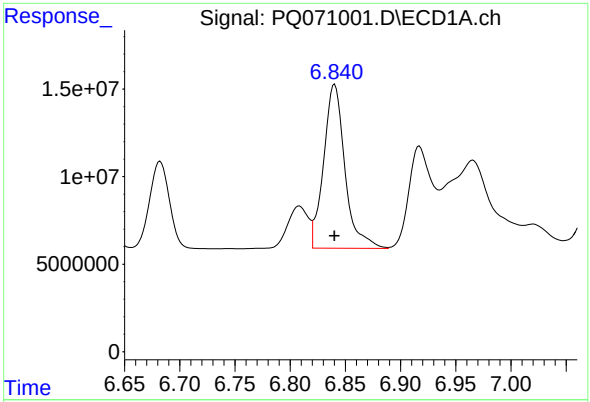
#33 AR-1260-3

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 114998797
Conc: 576.99 ng/ml



#33 AR-1260-3

R.T.: 5.518 min
Delta R.T.: 0.000 min
Response: 195084285
Conc: 470.08 ng/ml



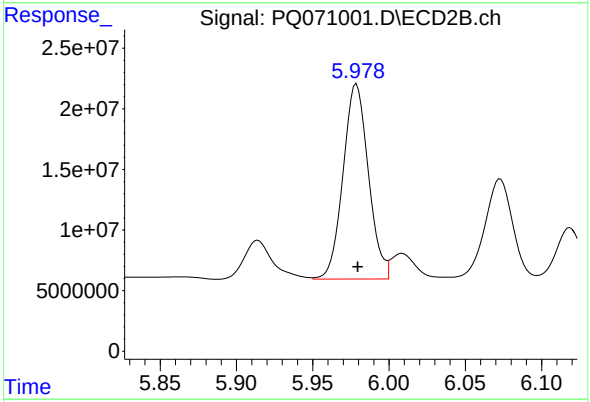
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 126086390
Conc: 586.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025

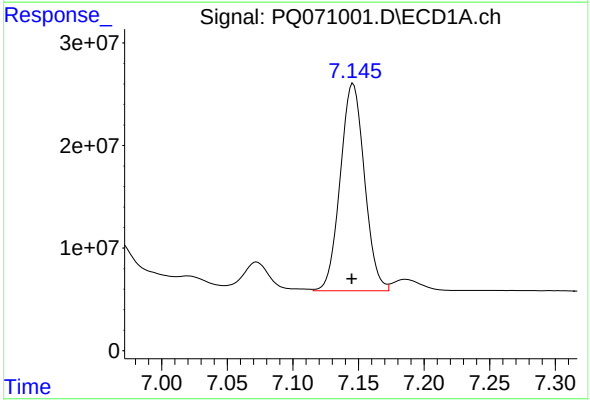
Manual Integrations APPROVED

Reviewed By :Rahul Chavli 10/31/2025
Supervised By :Yogesh Patel 10/31/2025



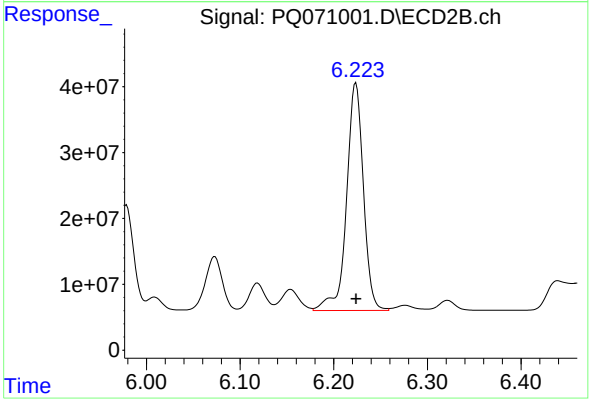
#34 AR-1260-4

R.T.: 5.979 min
Delta R.T.: 0.000 min
Response: 186221665
Conc: 517.62 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 259323595
Conc: 597.83 ng/ml



#35 AR-1260-5

R.T.: 6.224 min
Delta R.T.: 0.000 min
Response: 433038147
Conc: 515.35 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:41
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:19:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:16:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	255.6E6	301.0E6	55.692	54.076
2)	SA Decachlor...	8.496	7.534	182.2E6	328.4E6	55.793	58.440
	Target Compounds						
16)	L4 AR-1242-1	4.480	3.778	67446984	88802083	567.010	545.258
17)	L4 AR-1242-2	4.499	3.793	106.5E6	130.9E6	558.407	542.137
18)	L4 AR-1242-3	4.556	3.952	65846450	69528801	553.814	527.451m
19)	L4 AR-1242-4	4.646	4.039	55324188	66246241	555.710	578.219
20)	L4 AR-1242-5	5.349	4.534	35965359	88786139	456.866	509.855

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071002.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 17:41
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

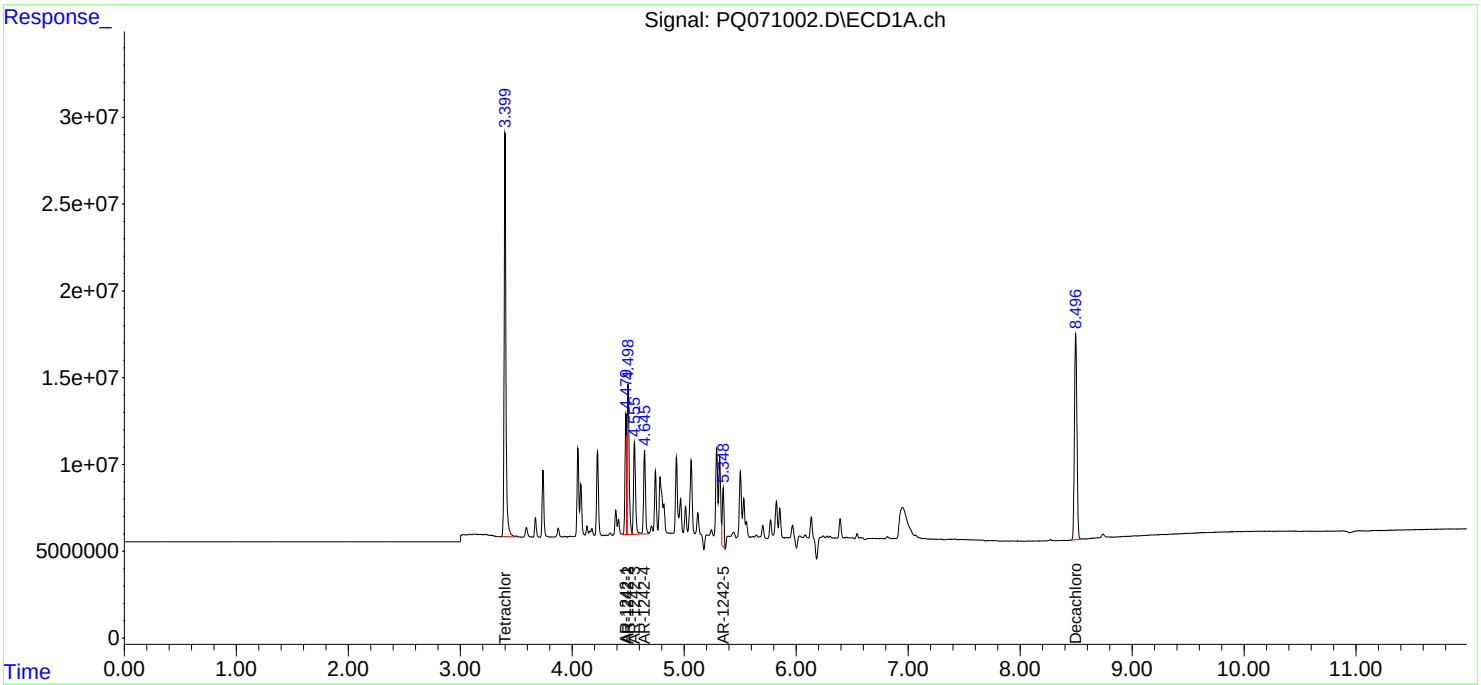
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

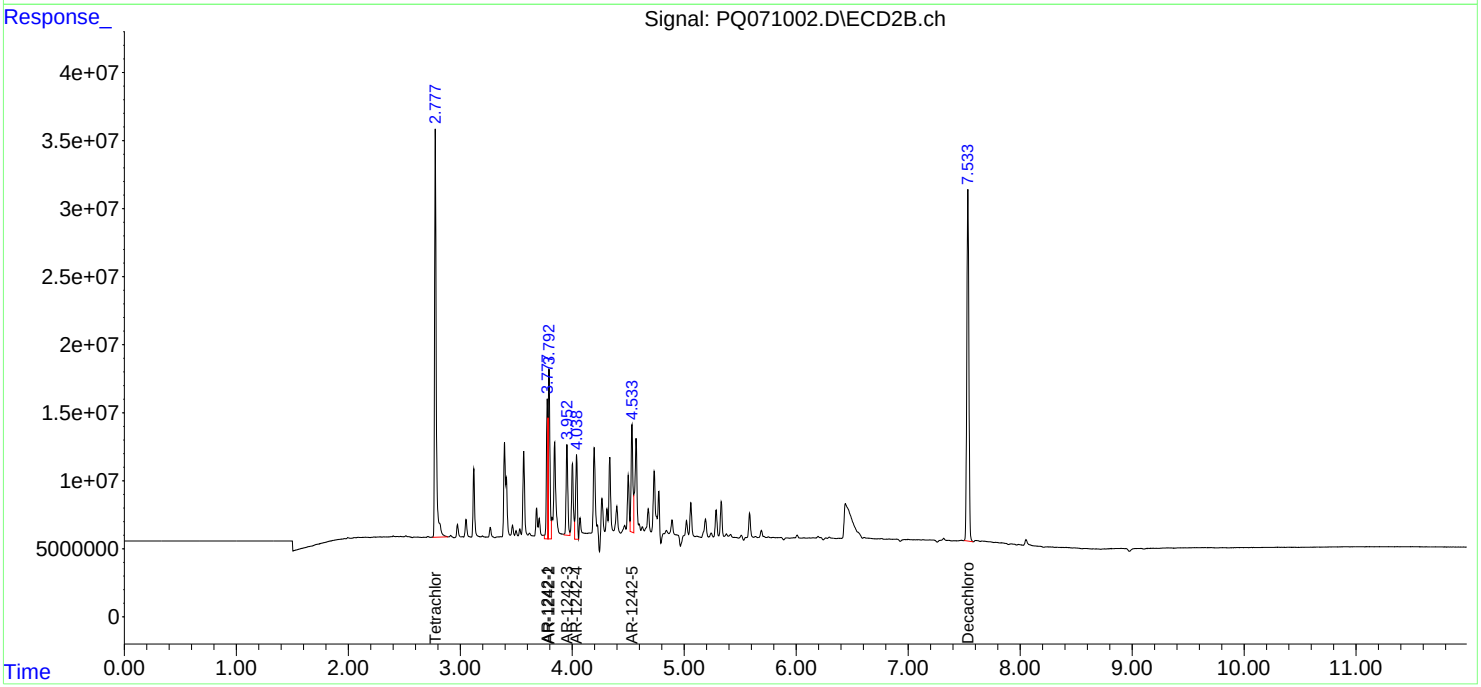
Manual Integrations APPROVED

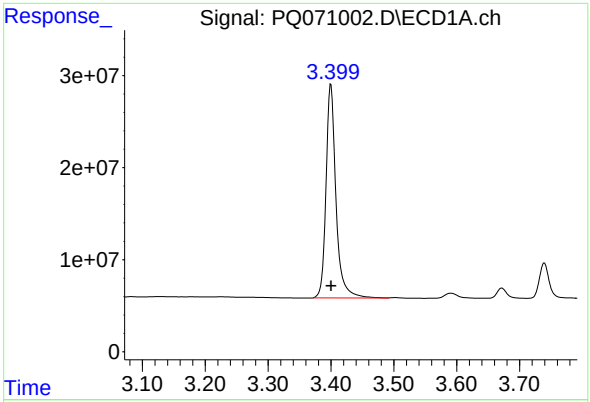
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:19:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:16:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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







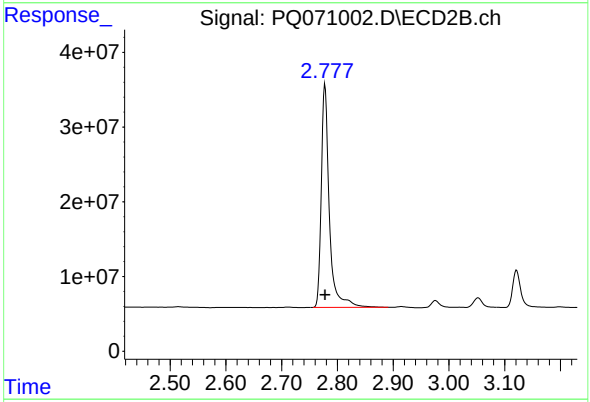
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 255633420
Conc: 55.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

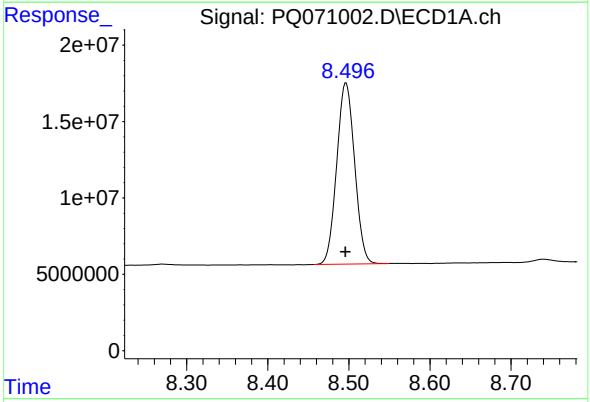
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



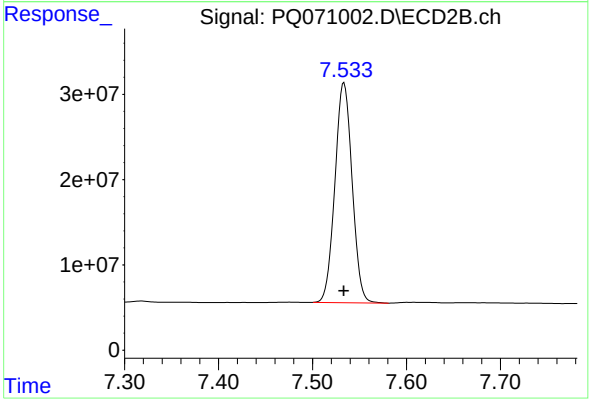
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 301010208
Conc: 54.08 ng/ml



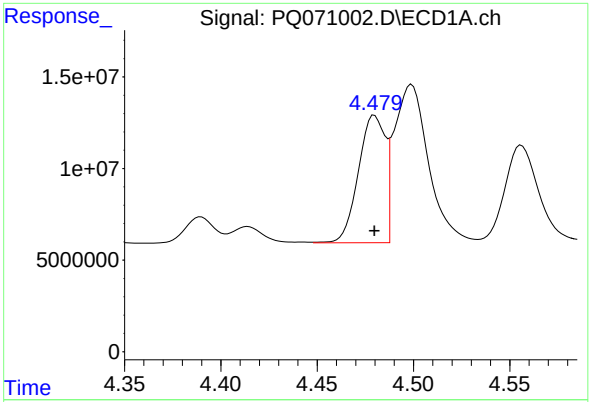
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 182166881
Conc: 55.79 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 328407221
Conc: 58.44 ng/ml



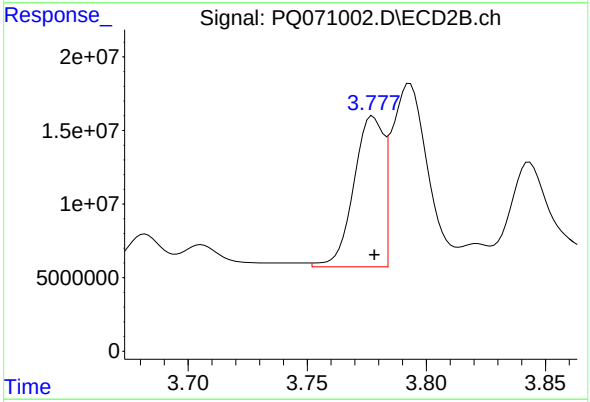
#16 AR-1242-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 67446984
Conc: 567.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

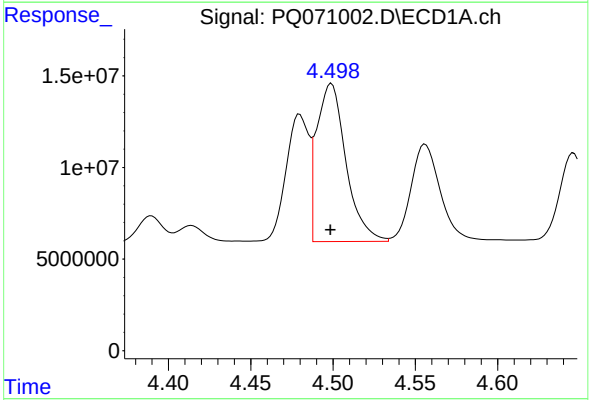
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



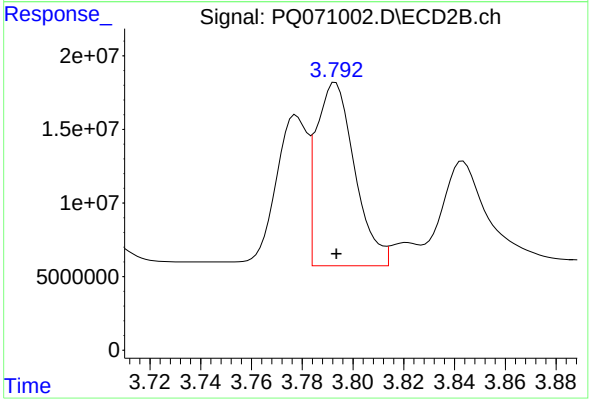
#16 AR-1242-1

R.T.: 3.778 min
Delta R.T.: 0.000 min
Response: 88802083
Conc: 545.26 ng/ml



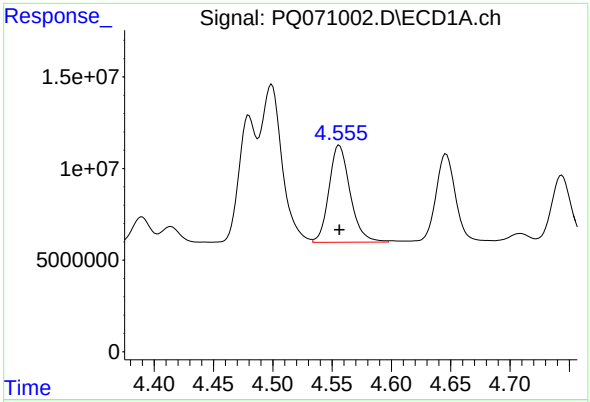
#17 AR-1242-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 106495313
Conc: 558.41 ng/ml



#17 AR-1242-2

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 130858283
Conc: 542.14 ng/ml



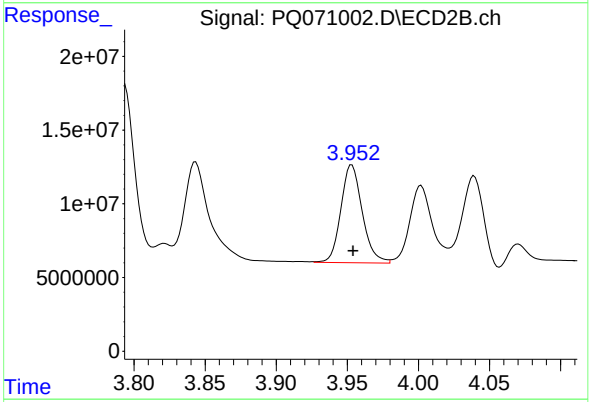
#18 AR-1242-3

R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 65846450
Conc: 553.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

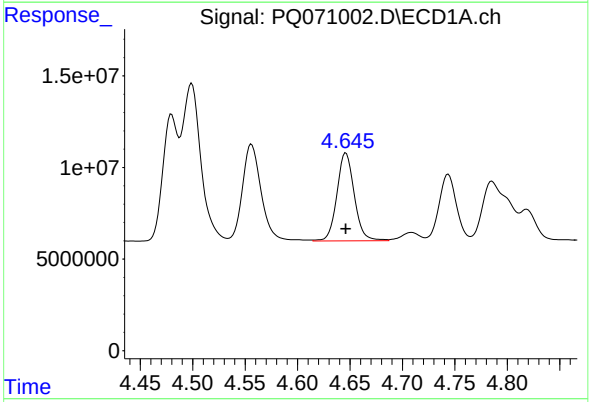
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



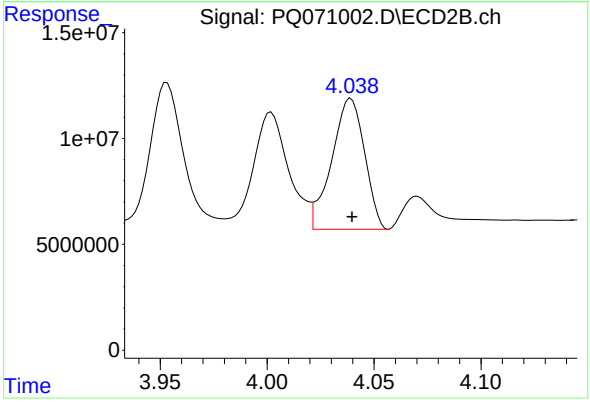
#18 AR-1242-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 69528801
Conc: 527.45 ng/ml m



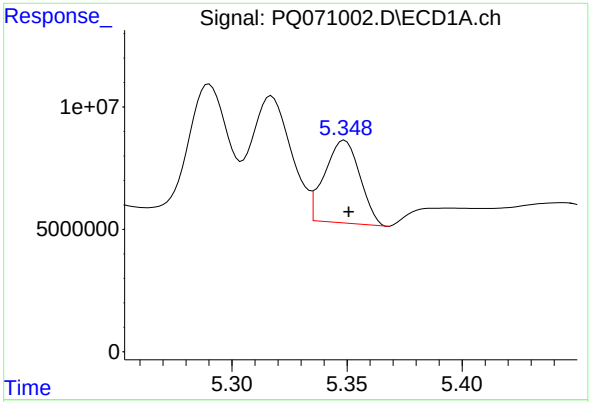
#19 AR-1242-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 55324188
Conc: 555.71 ng/ml



#19 AR-1242-4

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 66246241
Conc: 578.22 ng/ml



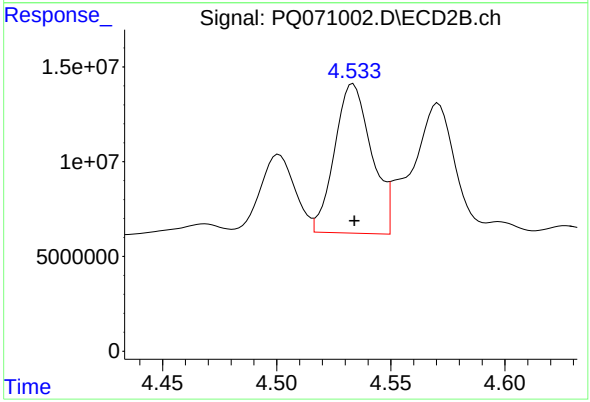
#20 AR-1242-5

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 35965359
Conc: 456.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1242

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#20 AR-1242-5

R.T.: 4.534 min
Delta R.T.: 0.000 min
Response: 88786139
Conc: 509.86 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 18:25
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:23:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	253.0E6	292.6E6	54.792	52.505
2)	SA Decachlor...	8.497	7.534	179.8E6	324.3E6	54.114	56.854
	Target Compounds						
21)	L5 AR-1248-1	4.480	3.777	47223685	65282112	527.847	516.093
22)	L5 AR-1248-2	4.743	4.002	73173417	97020820	536.277	514.526
23)	L5 AR-1248-3	4.931	4.039	87732864	87534945	543.629	487.239
24)	L5 AR-1248-4	5.317	4.196	98470443	117.2E6	567.576m	522.551m
25)	L5 AR-1248-5	5.349	4.571	59958766	126.5E6	402.630m	543.081 #

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

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071003.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 18:25
Operator : YP\AJ
Sample : AR1248ICV500
Misc :
ALS Vial : 33 Sample Multiplier: 1

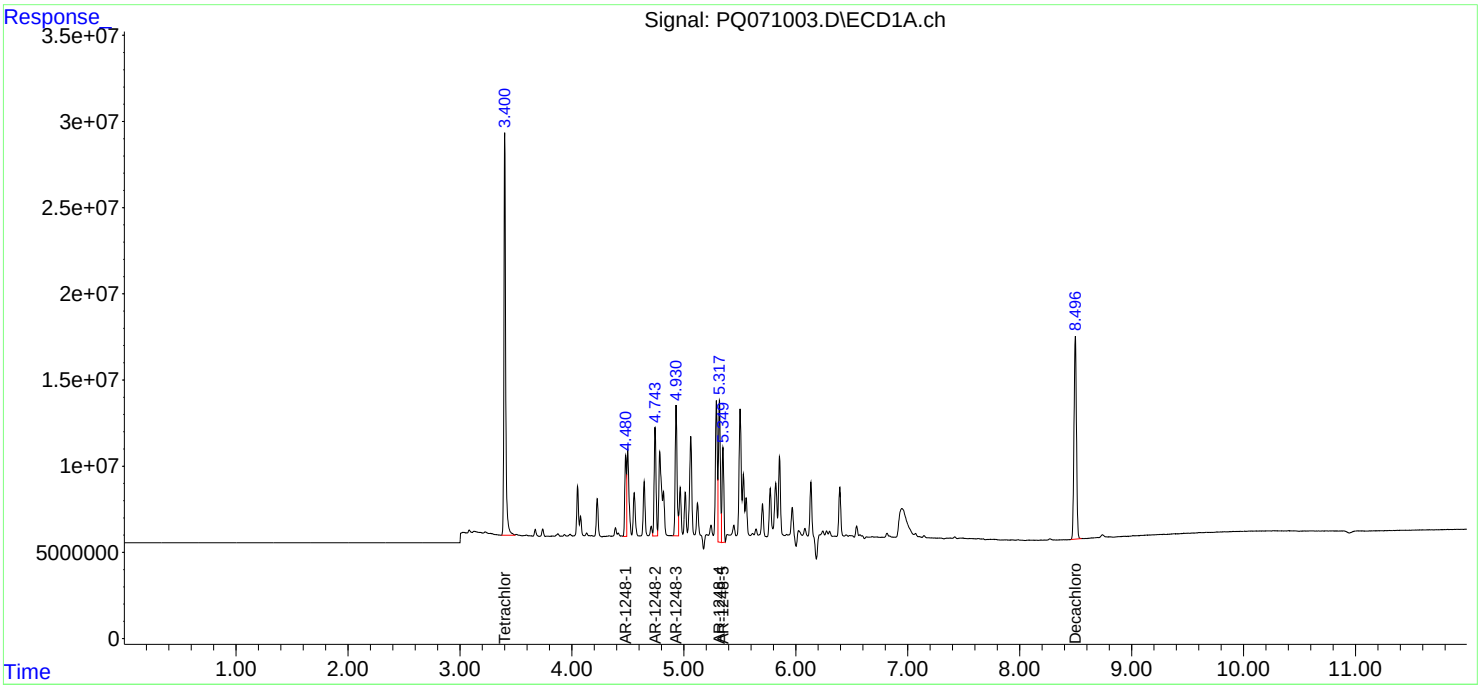
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

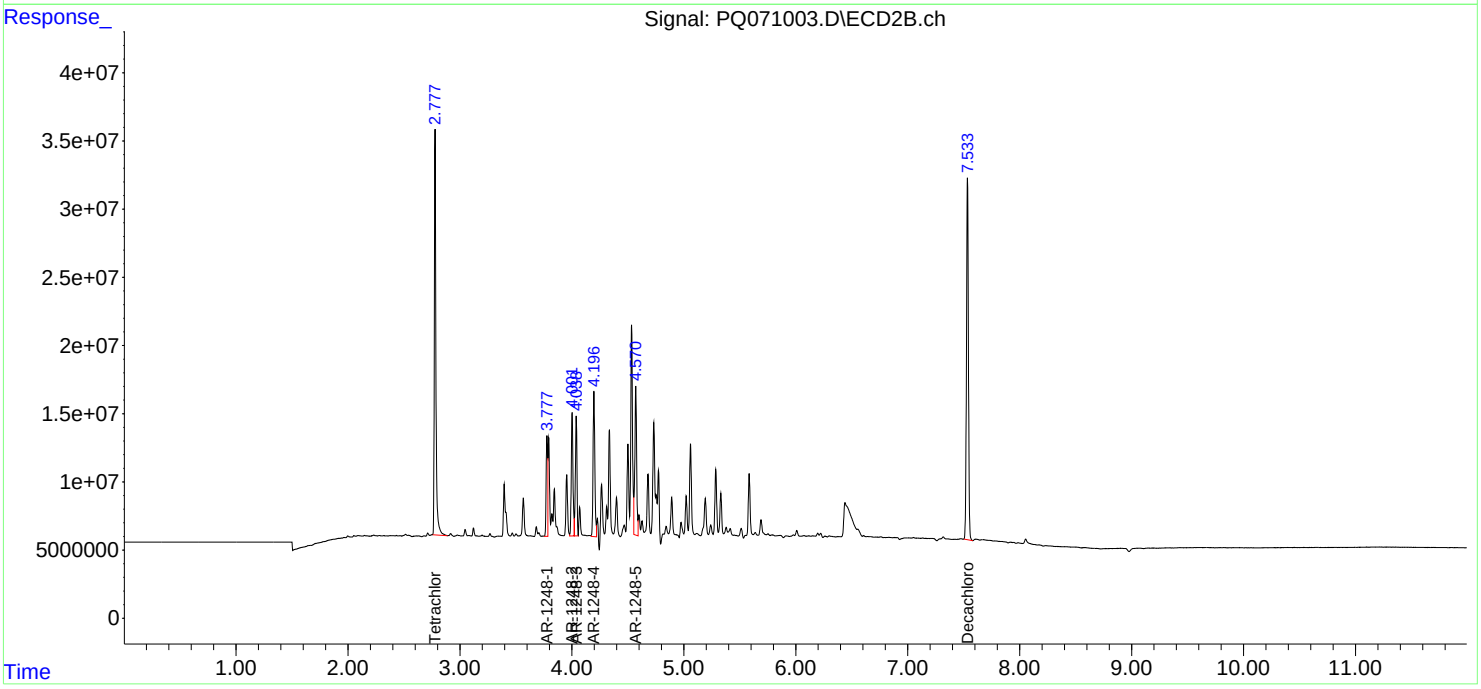
Manual Integrations APPROVED

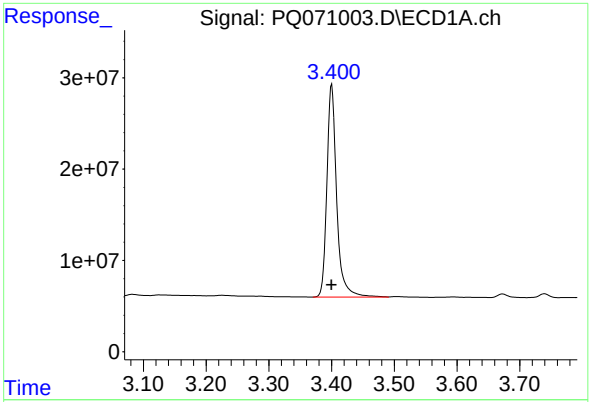
Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:26:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:23:25 2025
Response via : Initial Calibration
Integrator: ChemStation

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







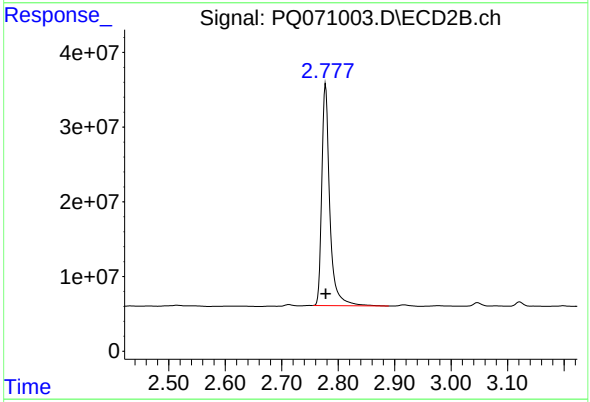
#1 Tetrachloro-m-xylene

R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 253021754
Conc: 54.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

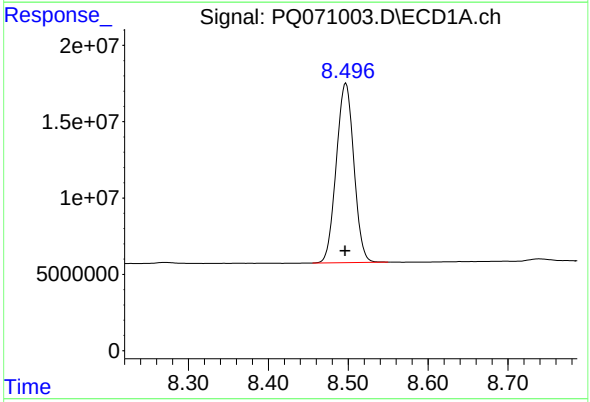
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



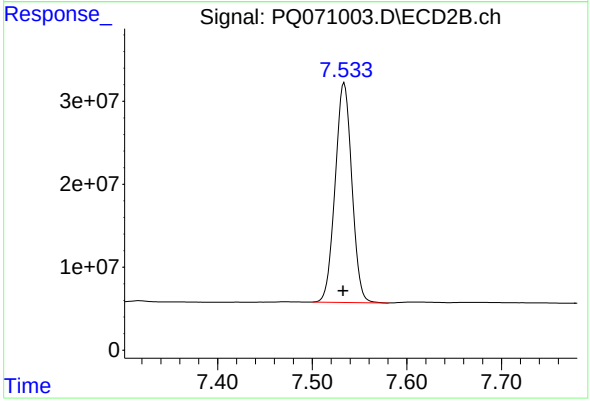
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 292628939
Conc: 52.50 ng/ml



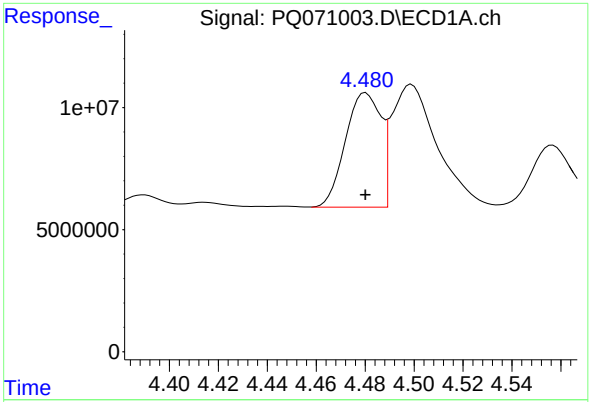
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 179847567
Conc: 54.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.534 min
Delta R.T.: 0.001 min
Response: 324345066
Conc: 56.85 ng/ml



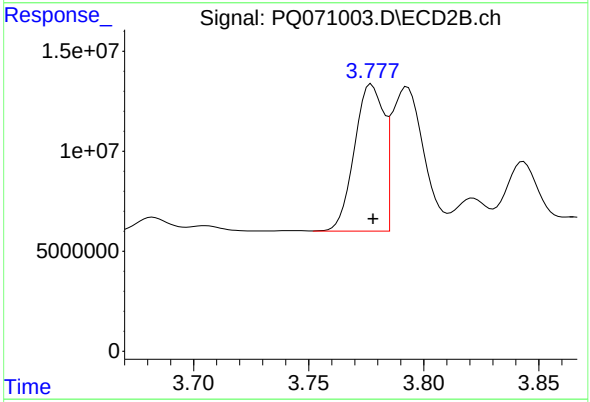
#21 AR-1248-1

R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 47223685
Conc: 527.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

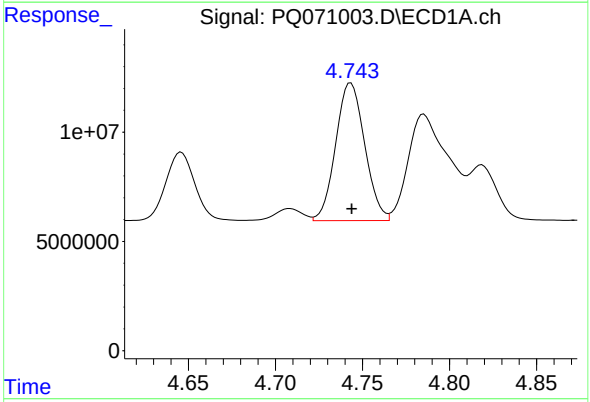
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



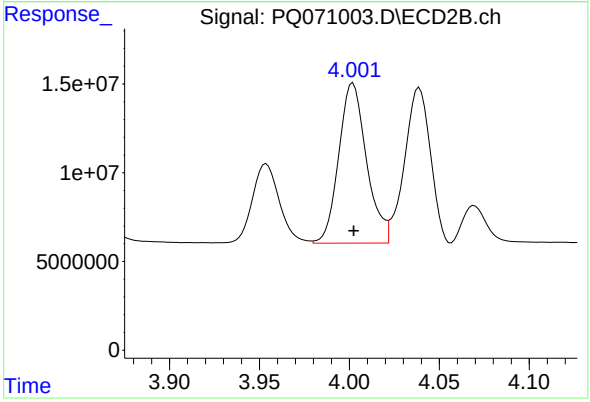
#21 AR-1248-1

R.T.: 3.777 min
Delta R.T.: 0.000 min
Response: 65282112
Conc: 516.09 ng/ml



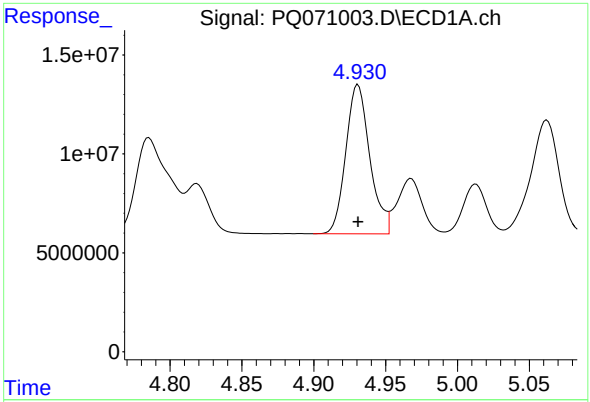
#22 AR-1248-2

R.T.: 4.743 min
Delta R.T.: 0.000 min
Response: 73173417
Conc: 536.28 ng/ml



#22 AR-1248-2

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 97020820
Conc: 514.53 ng/ml



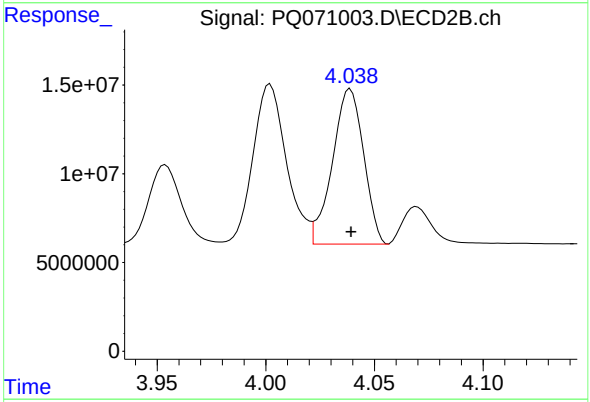
#23 AR-1248-3

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 87732864
Conc: 543.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

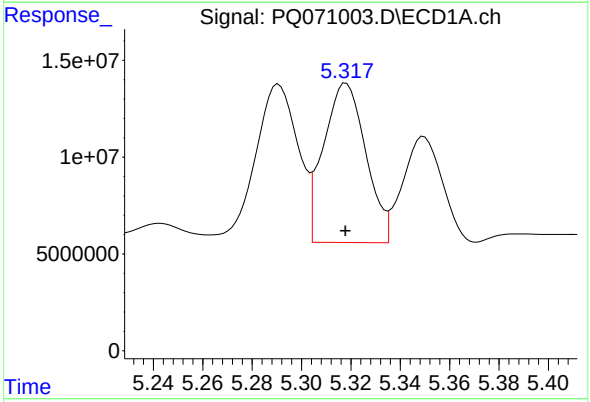
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



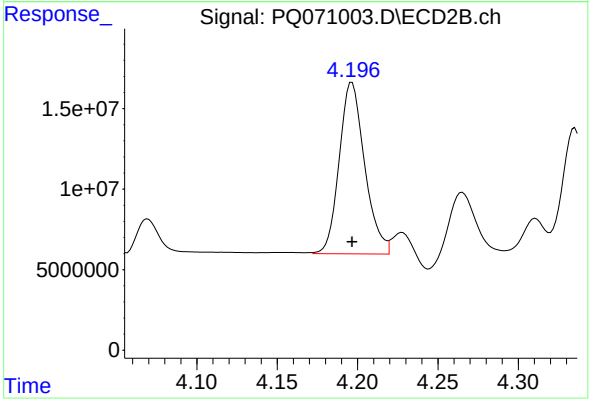
#23 AR-1248-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 87534945
Conc: 487.24 ng/ml



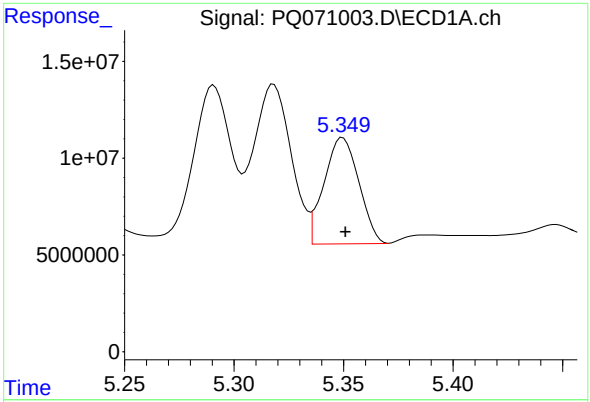
#24 AR-1248-4

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 98470443
Conc: 567.58 ng/ml m



#24 AR-1248-4

R.T.: 4.196 min
Delta R.T.: 0.000 min
Response: 117224408
Conc: 522.55 ng/ml m



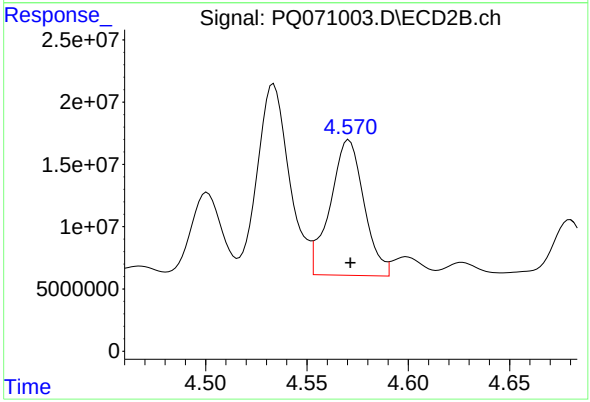
#25 AR-1248-5

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 59958766
Conc: 402.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1248

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/13/2025
Supervised By :mohammad ahmed 10/14/2025



#25 AR-1248-5

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 126452467
Conc: 543.08 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:34:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:30:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	247.0E6	287.2E6	56.214	55.217
2)	SA Decachlor...	8.498	7.533	175.2E6	316.3E6	55.323	56.717
	Target Compounds						
26)	L6 AR-1254-1	5.293	4.533	115.3E6	191.1E6	587.461	566.643
27)	L6 AR-1254-2	5.507	4.680	167.9E6	162.6E6	578.152	547.137
28)	L6 AR-1254-3	5.855	5.060	176.3E6	253.6E6	573.790	542.980
29)	L6 AR-1254-4	6.134	5.286	124.7E6	161.4E6	568.016	546.628
30)	L6 AR-1254-5	6.544	5.690	130.6E6	228.4E6	563.253	543.396

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

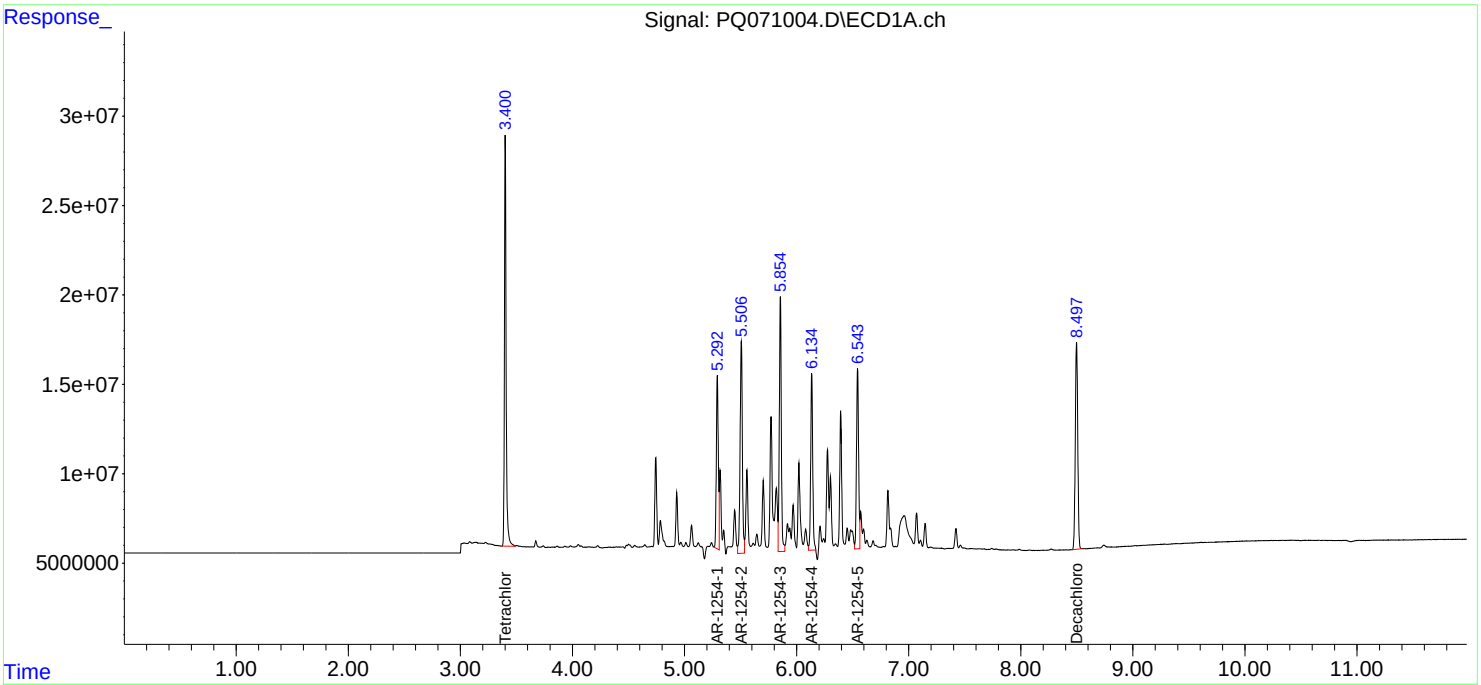
ICAL Form

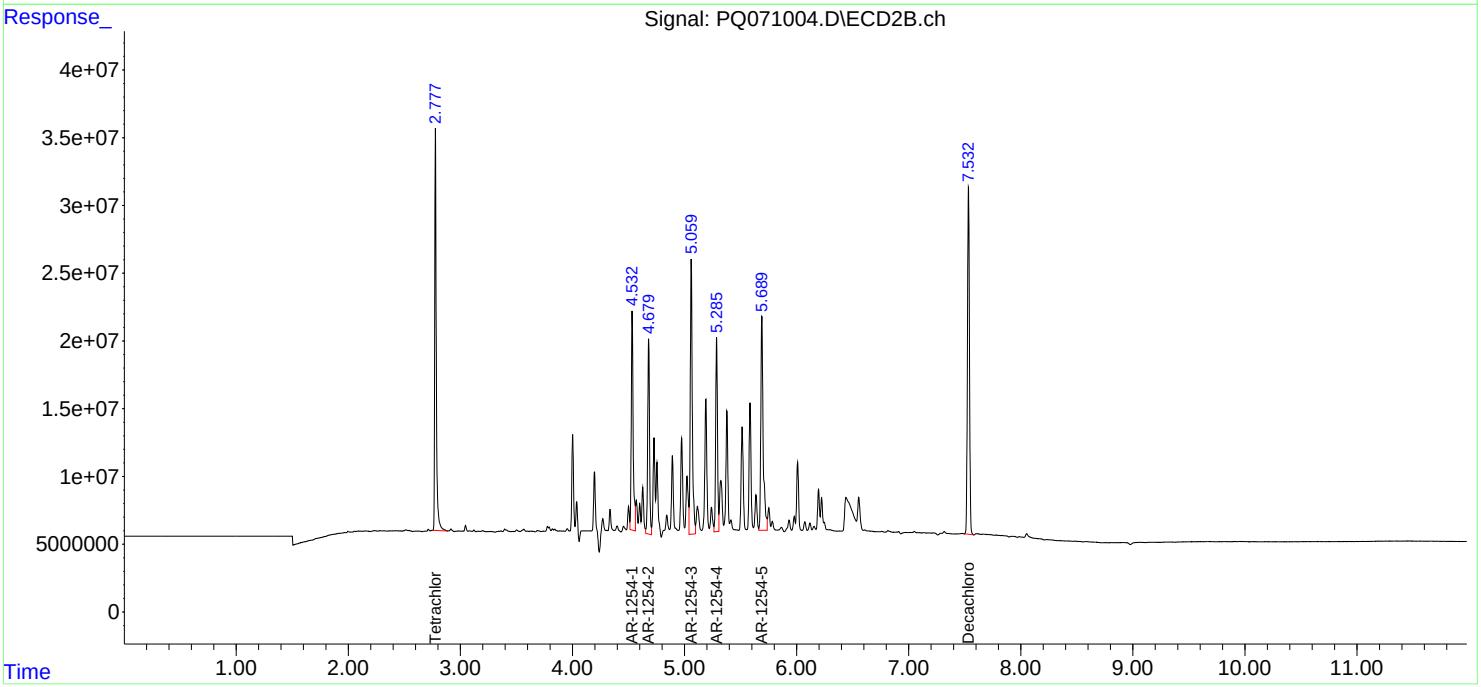
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:08
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

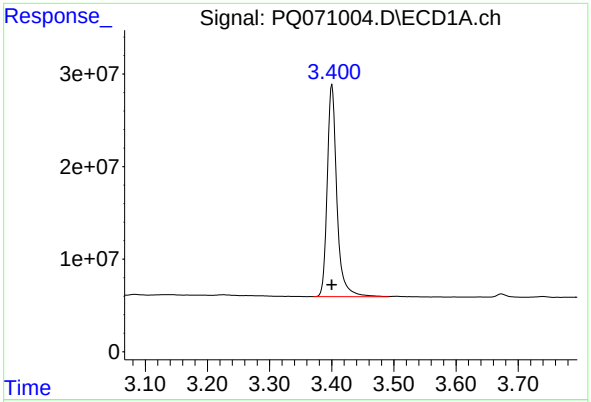
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:34:52 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:30:57 2025
Response via : Initial Calibration
Integrator: ChemStation

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



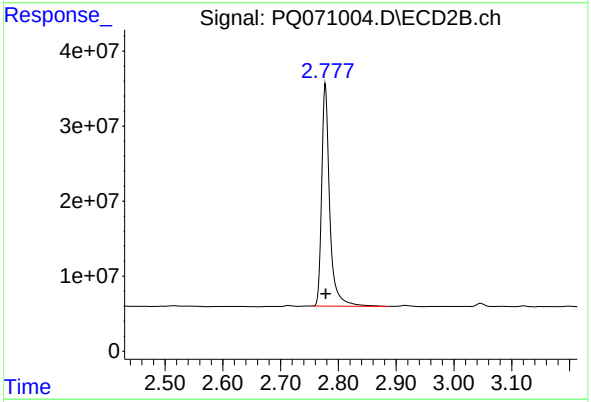




#1 Tetrachloro-m-xylene

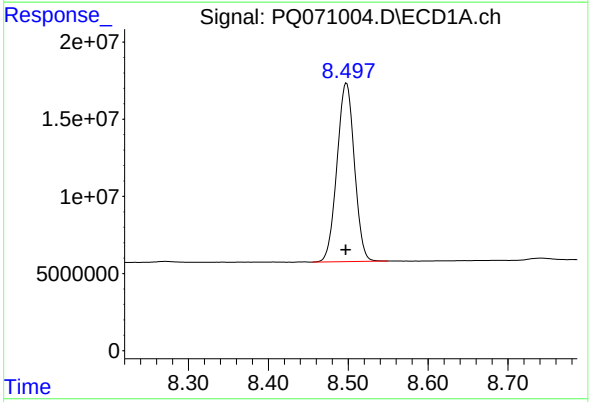
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 246956460
Conc: 56.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



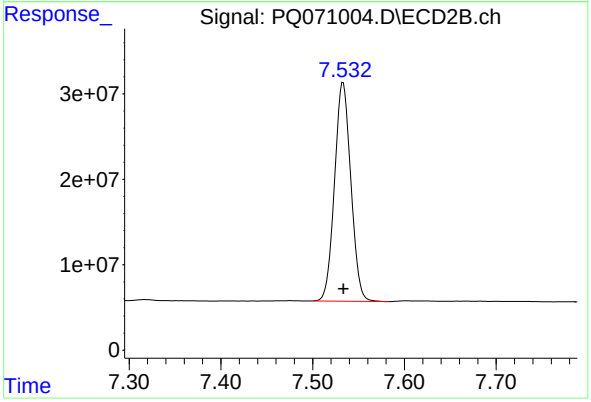
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 287227626
Conc: 55.22 ng/ml



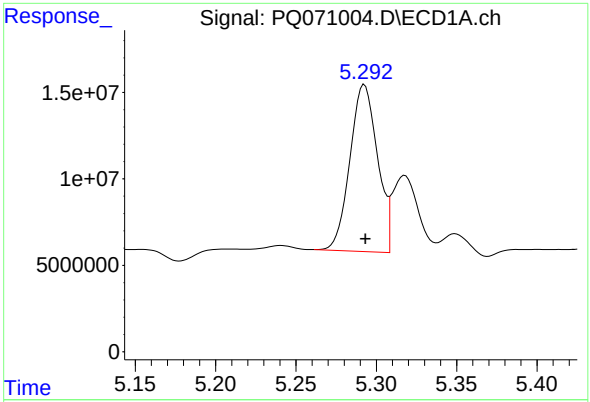
#2 Decachlorobiphenyl

R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 175150667
Conc: 55.32 ng/ml



#2 Decachlorobiphenyl

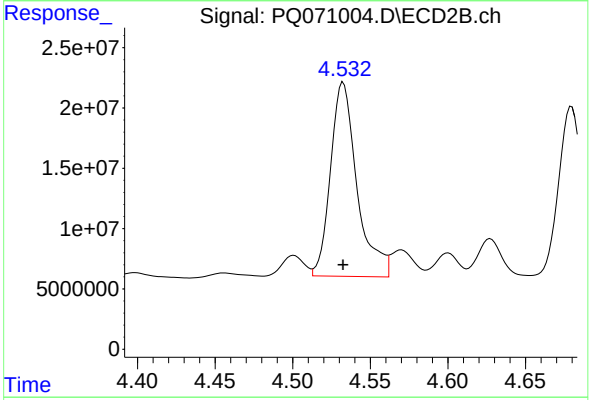
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 316297966
Conc: 56.72 ng/ml



#26 AR-1254-1

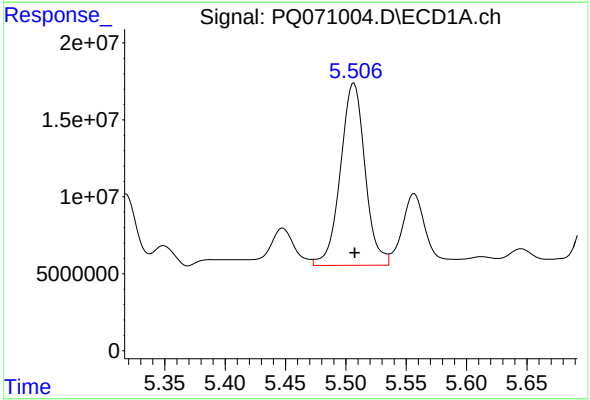
R.T.: 5.293 min
Delta R.T.: 0.000 min
Response: 115305910
Conc: 587.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



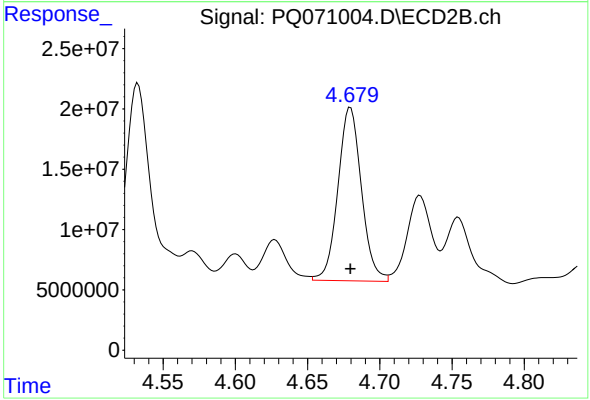
#26 AR-1254-1

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 191078779
Conc: 566.64 ng/ml



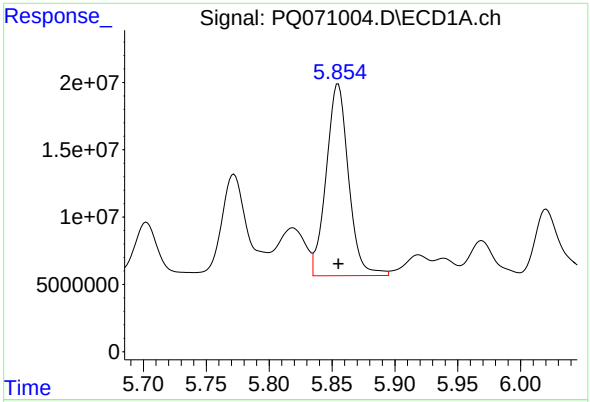
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 167943478
Conc: 578.15 ng/ml



#27 AR-1254-2

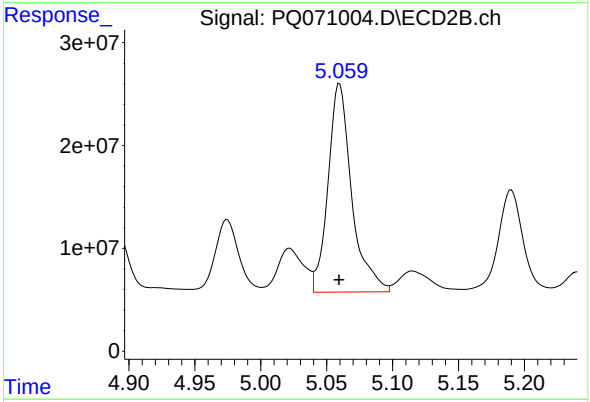
R.T.: 4.680 min
Delta R.T.: 0.000 min
Response: 162584096
Conc: 547.14 ng/ml



#28 AR-1254-3

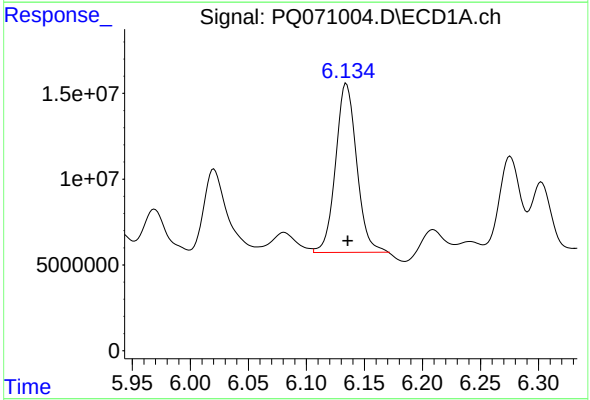
R.T.: 5.855 min
Delta R.T.: 0.000 min
Response: 176272565
Conc: 573.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



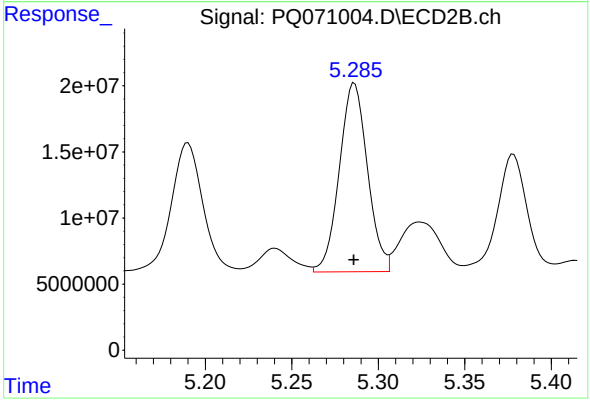
#28 AR-1254-3

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 253607279
Conc: 542.98 ng/ml



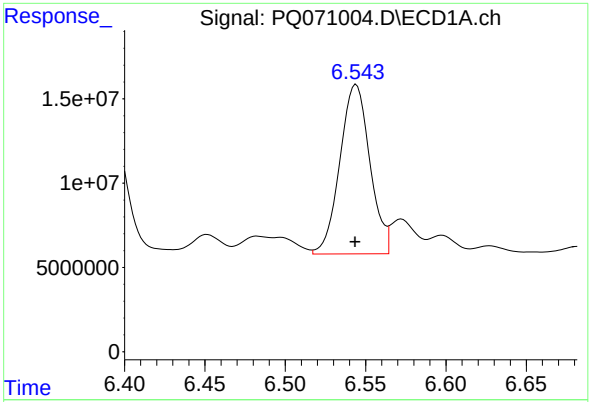
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.001 min
Response: 124702483
Conc: 568.02 ng/ml



#29 AR-1254-4

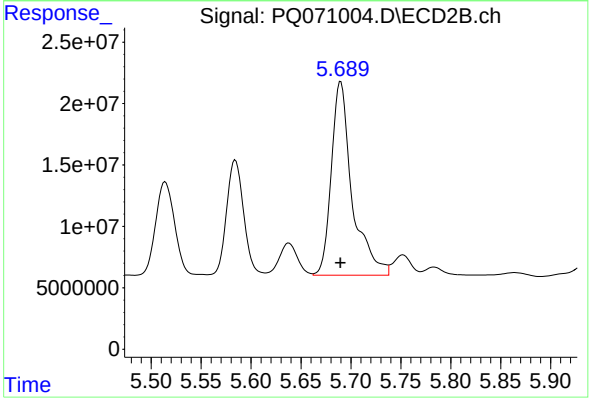
R.T.: 5.286 min
Delta R.T.: 0.000 min
Response: 161392628
Conc: 546.63 ng/ml



#30 AR-1254-5

R.T.: 6.544 min
Delta R.T.: 0.000 min
Response: 130615840
Conc: 563.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1254



#30 AR-1254-5

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 228416064
Conc: 543.40 ng/ml

Quantitation Report (QT Reviewed)

ICAL Form

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:37:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.777	256.6E6	296.1E6	52.549	51.872
2)	SA Decachlor...	8.497	7.533	317.0E6	560.4E6	52.621	50.721
	Target Compounds						
41)	L9 AR-1268-1	7.418	6.500	307.3E6	498.7E6	527.367	511.825
42)	L9 AR-1268-2	7.495	6.563	283.4E6	464.0E6	533.785	516.248
43)	L9 AR-1268-3	7.677	6.763	233.9E6	395.9E6	539.709	506.489
44)	L9 AR-1268-4	7.989	7.051	100.4E6	175.1E6	534.727	508.315
45)	L9 AR-1268-5	8.271	7.318	696.8E6	1236.0E6	531.266	510.673

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

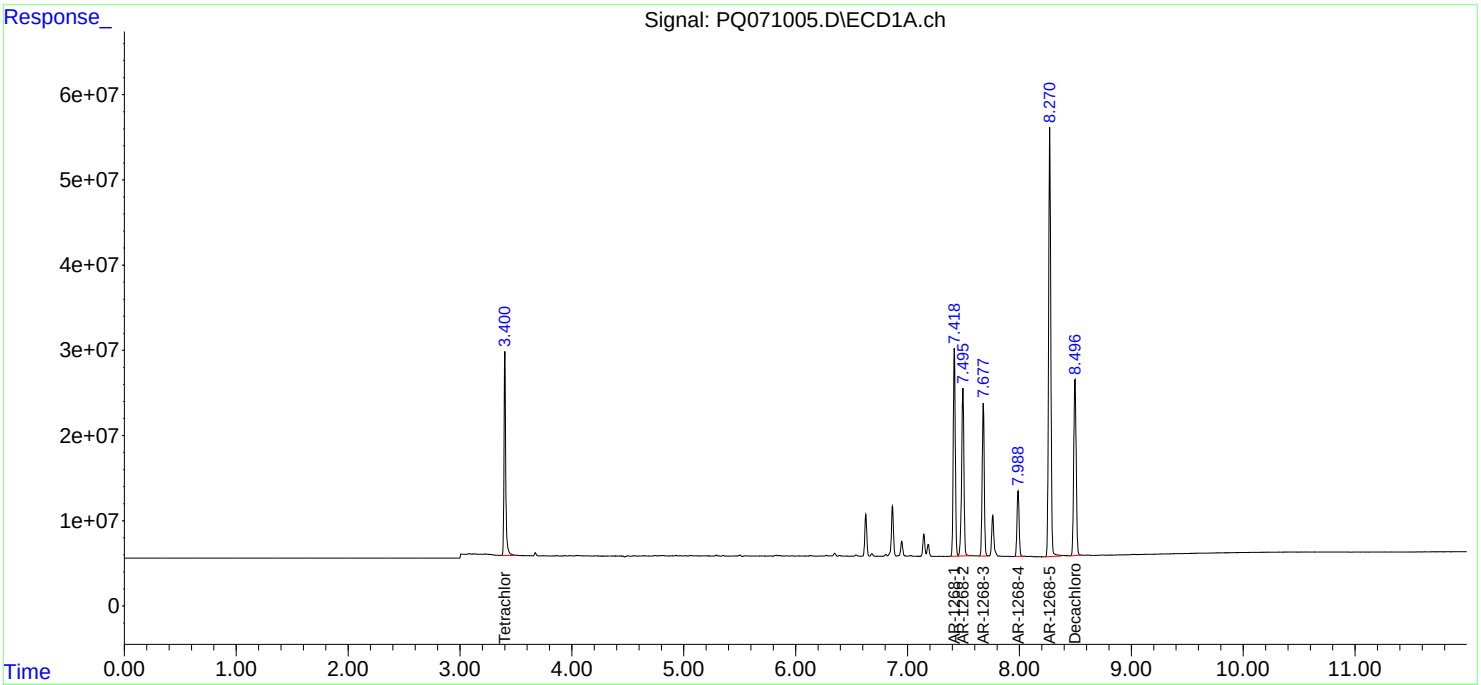
ICAL Form

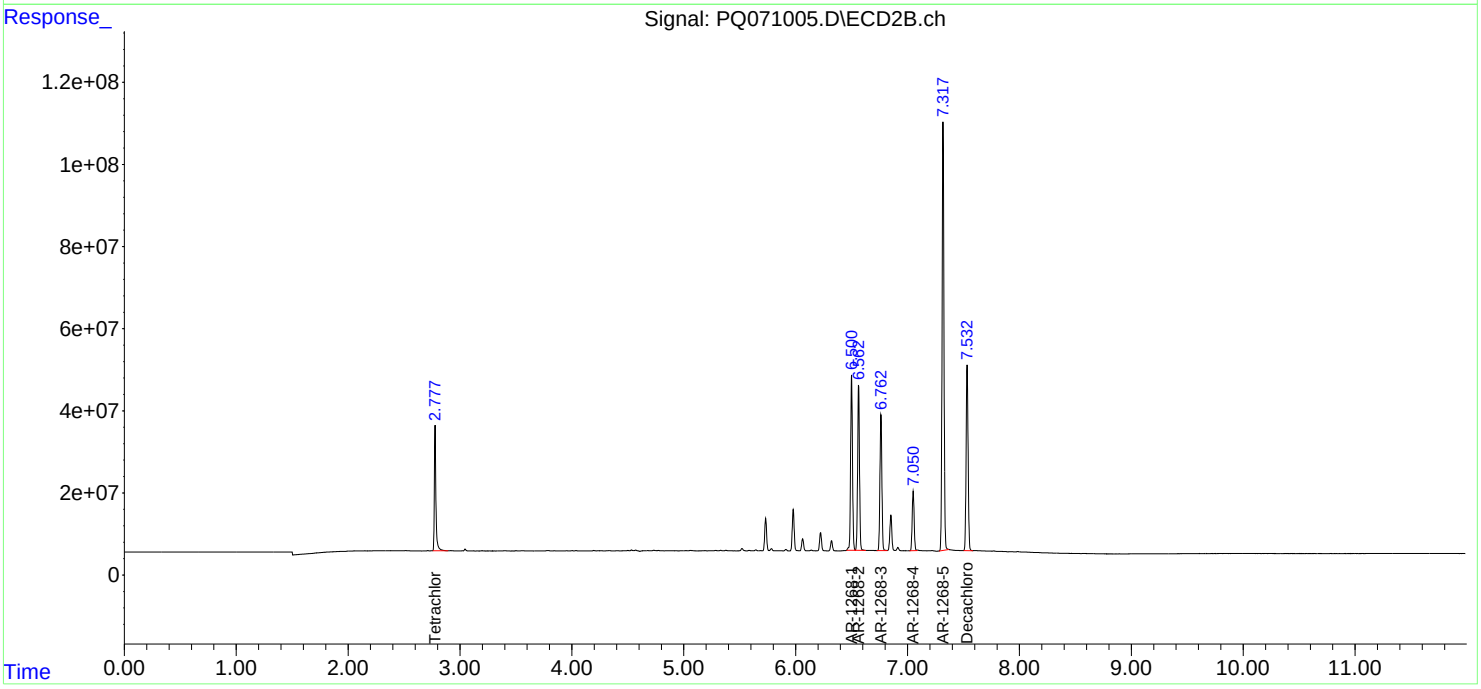
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ071005.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 19:52
Operator : YP\AJ
Sample : AR1268ICV500
Misc :
ALS Vial : 35 Sample Multiplier: 1

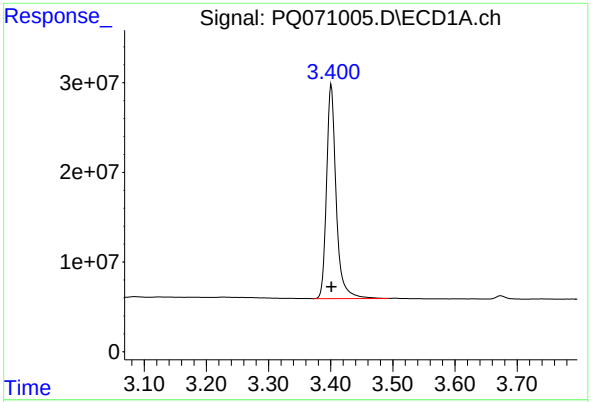
Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 01:39:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:37:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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



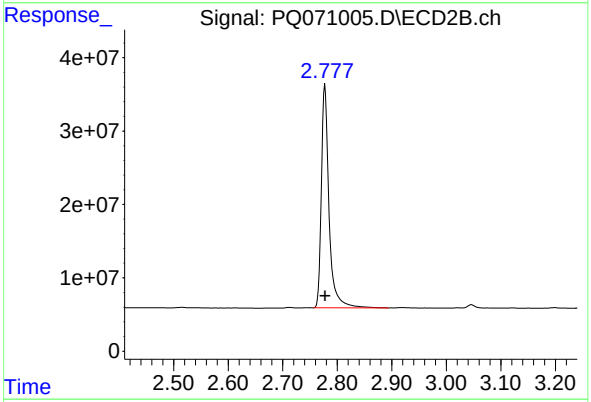




#1 Tetrachloro-m-xylene

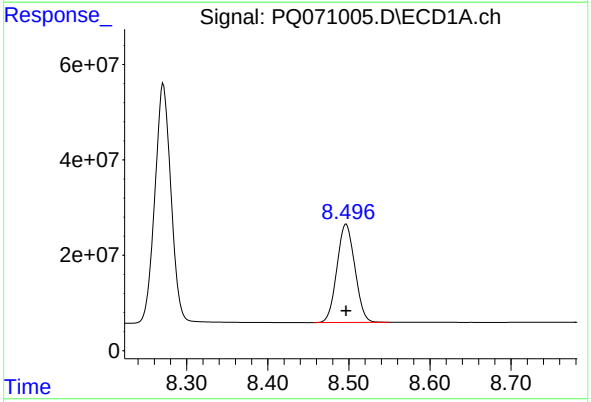
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 256641615
Conc: 52.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



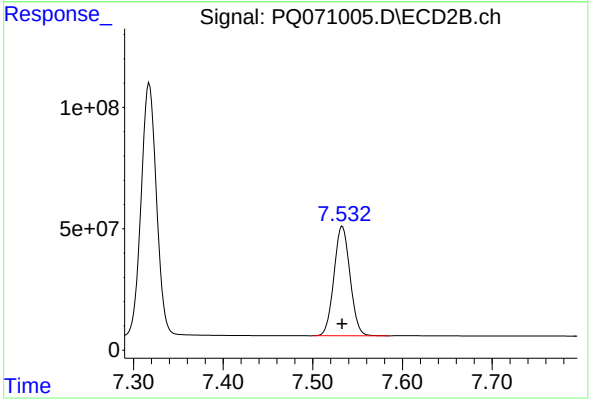
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 296113428
Conc: 51.87 ng/ml



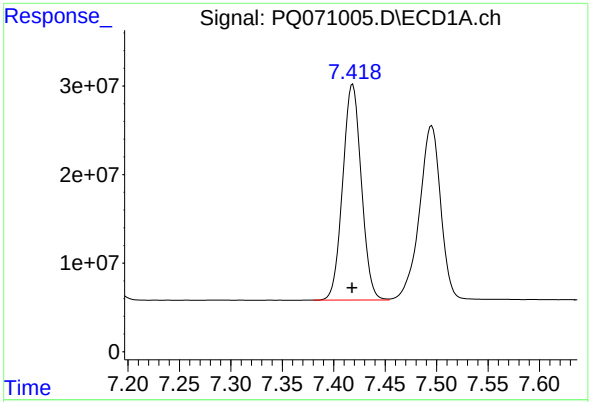
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: 0.000 min
Response: 317031582
Conc: 52.62 ng/ml



#2 Decachlorobiphenyl

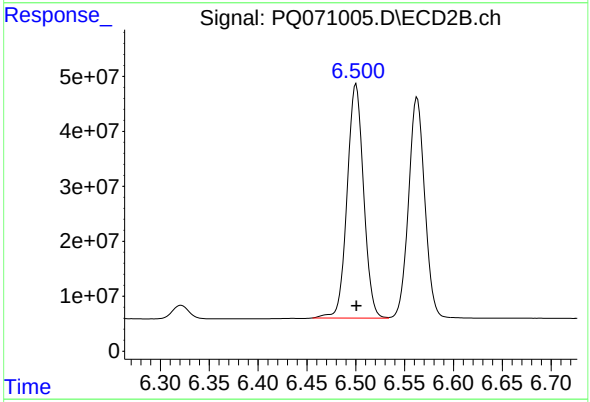
R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 560415145
Conc: 50.72 ng/ml



#41 AR-1268-1

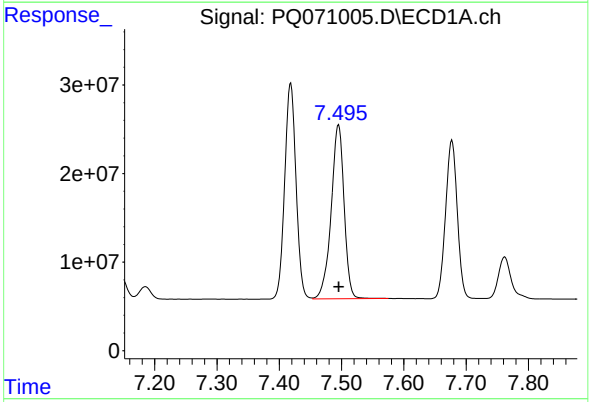
R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 307261040
Conc: 527.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



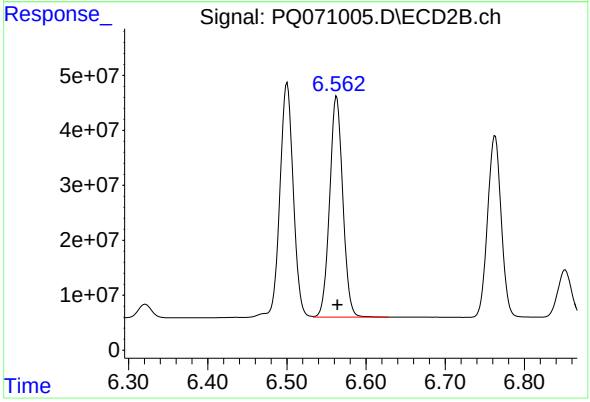
#41 AR-1268-1

R.T.: 6.500 min
Delta R.T.: 0.000 min
Response: 498745928
Conc: 511.83 ng/ml



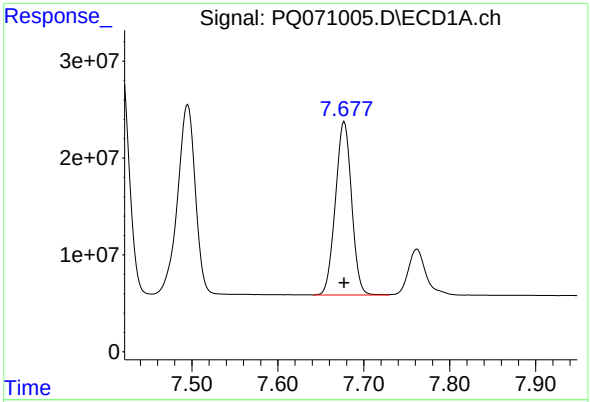
#42 AR-1268-2

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 283380161
Conc: 533.78 ng/ml



#42 AR-1268-2

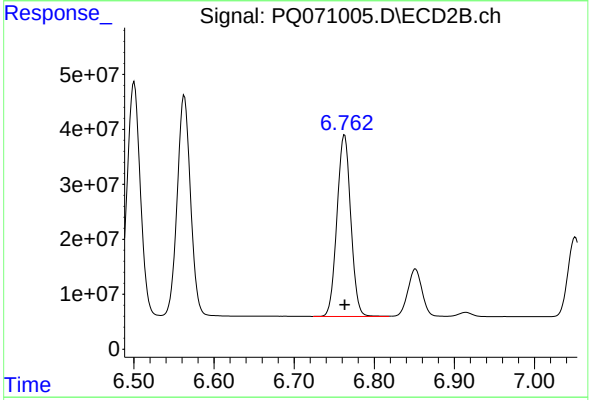
R.T.: 6.563 min
Delta R.T.: 0.000 min
Response: 463960839
Conc: 516.25 ng/ml



#43 AR-1268-3

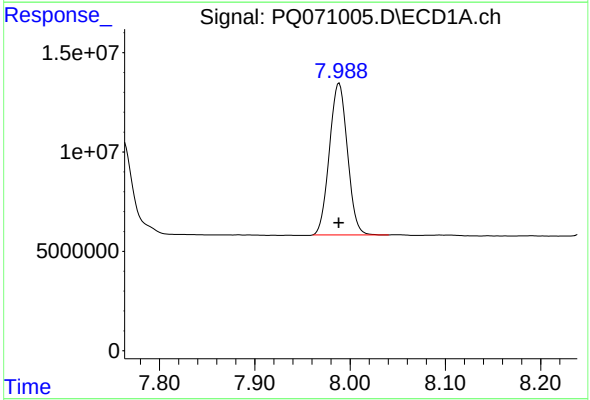
R.T.: 7.677 min
Delta R.T.: 0.000 min
Response: 233855867
Conc: 539.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



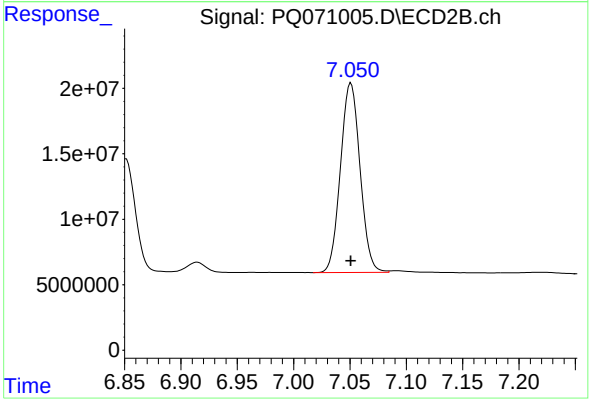
#43 AR-1268-3

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 395934354
Conc: 506.49 ng/ml



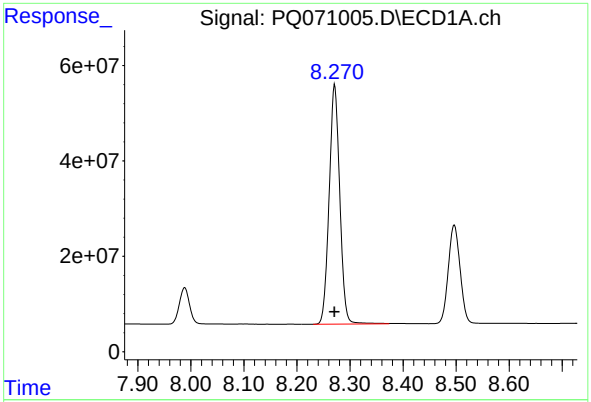
#44 AR-1268-4

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 100352602
Conc: 534.73 ng/ml



#44 AR-1268-4

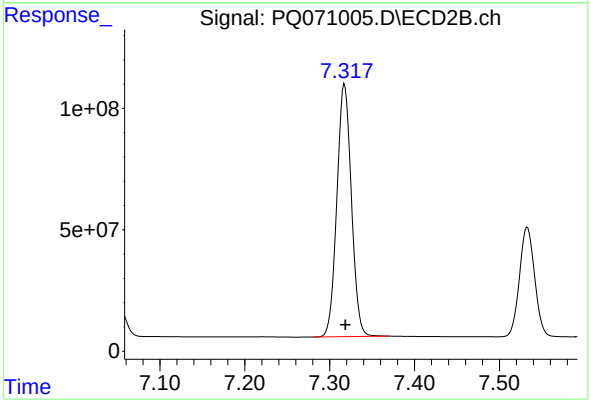
R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 175126997
Conc: 508.32 ng/ml



#45 AR-1268-5

R.T.: 8.271 min
Delta R.T.: 0.000 min
Response: 696811272
Conc: 531.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ICVPQ101025AR1268



#45 AR-1268-5

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1236017444
Conc: 510.67 ng/ml

Raw Data: **PP076063.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 08:56 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.54	8.55	8.45	8.65	0.01
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.02

Raw Data: **PP076063.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 08:56 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076063.D **Time Analyzed:** 08:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.789	5.695	5.895	527.890	500.000	5.6
Aroclor-1016-2	5.811	5.717	5.917	519.780	500.000	4.0
Aroclor-1016-3	5.873	5.780	5.980	525.330	500.000	5.1
Aroclor-1016-4	5.971	5.877	6.077	527.600	500.000	5.5
Aroclor-1016-5	6.263	6.169	6.369	513.510	500.000	2.7
Aroclor-1260-1	7.380	7.287	7.487	555.310	500.000	11.1
Aroclor-1260-2	7.633	7.540	7.740	520.510	500.000	4.1
Aroclor-1260-3	7.991	7.899	8.099	543.790	500.000	8.8
Aroclor-1260-4	8.219	8.127	8.327	568.050	500.000	13.6
Aroclor-1260-5	8.544	8.452	8.652	527.260	500.000	5.5
Decachlorobiphenyl	10.405	10.319	10.519	52.540	50.000	5.1
Tetrachloro-m-xylene	4.637	4.542	4.742	53.280	50.000	6.6

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL01 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076063.D **Time Analyzed:** 08:56

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.873	4.778	4.978	528.360	500.000	5.7
Aroclor-1016-2	4.930	4.836	5.036	524.210	500.000	4.8
Aroclor-1016-3	5.051	4.954	5.154	458.440	500.000	-8.3
Aroclor-1016-4	5.092	4.996	5.196	553.310	500.000	10.7
Aroclor-1016-5	5.306	5.210	5.410	471.040	500.000	-5.8
Aroclor-1260-1	6.333	6.238	6.438	534.930	500.000	7.0
Aroclor-1260-2	6.520	6.425	6.625	523.920	500.000	4.8
Aroclor-1260-3	6.673	6.578	6.778	544.970	500.000	9.0
Aroclor-1260-4	7.142	7.047	7.247	557.220	500.000	11.4
Aroclor-1260-5	7.381	7.287	7.487	542.600	500.000	8.5
Decachlorobiphenyl	8.775	8.682	8.882	47.580	50.000	-4.8
Tetrachloro-m-xylene	3.779	3.681	3.881	52.390	50.000	4.8

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:56
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.637	3.779	76140554	346.7E6	53.279	52.387
2)	SA Decachlor...	10.405	8.775	56558628	391.2E6	52.538	47.576
	Target Compounds						
3)	L1 AR-1016-1	5.789	4.873	31211797	391.1E6	527.885	528.362m
4)	L1 AR-1016-2	5.811	4.930	45971798	179.2E6	519.784	524.212m
5)	L1 AR-1016-3	5.873	5.051	29077501	94136772	525.329	458.438
6)	L1 AR-1016-4	5.971	5.092	23974413	103.4E6	527.604	553.305
7)	L1 AR-1016-5	6.263	5.306	22289187	107.4E6	513.510	471.035
31)	L7 AR-1260-1	7.380	6.333	38181326	293.0E6	555.311	534.927
32)	L7 AR-1260-2	7.633	6.520	46626204	426.3E6	520.514	523.919
33)	L7 AR-1260-3	7.991	6.673	37677160	306.7E6	543.787	544.973
34)	L7 AR-1260-4	8.219	7.142	38952287	289.4E6	568.055	557.215
35)	L7 AR-1260-5	8.544	7.381	78009133	735.5E6	527.261	542.599

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076063.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:56
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

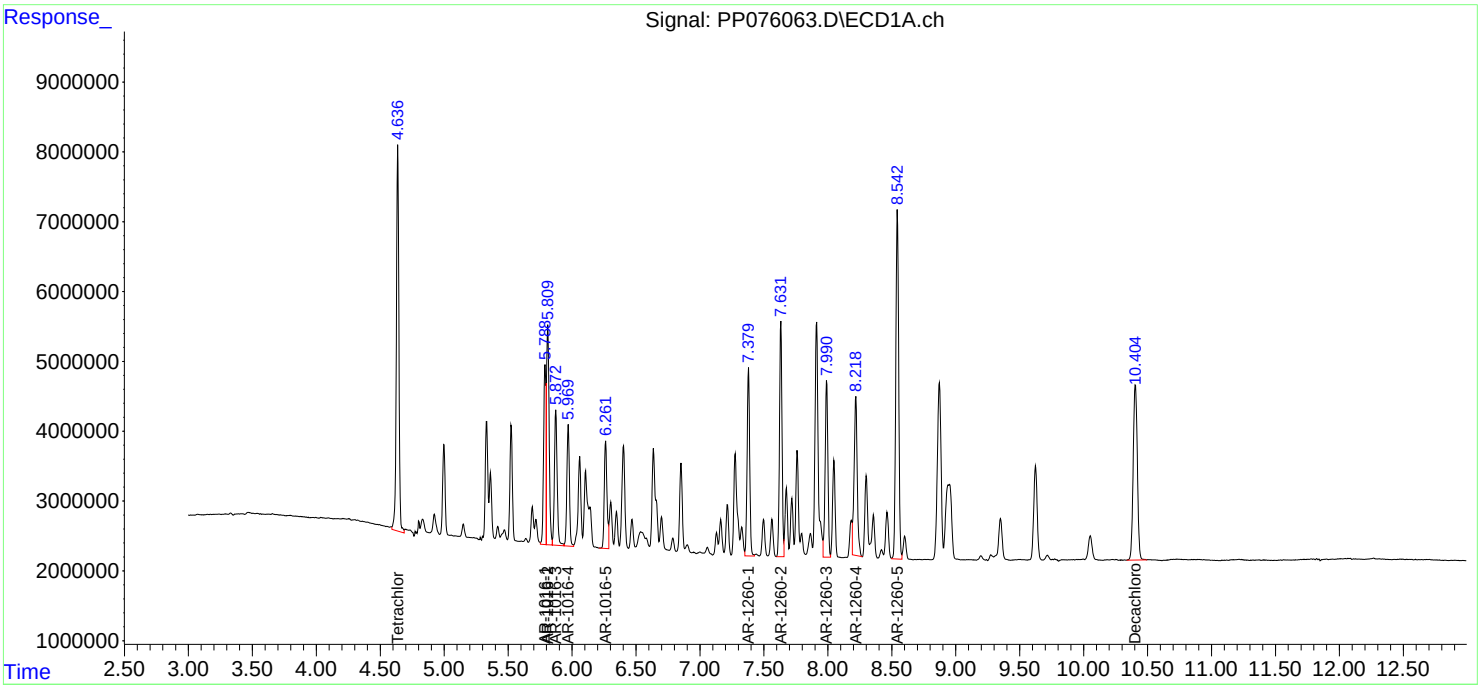
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

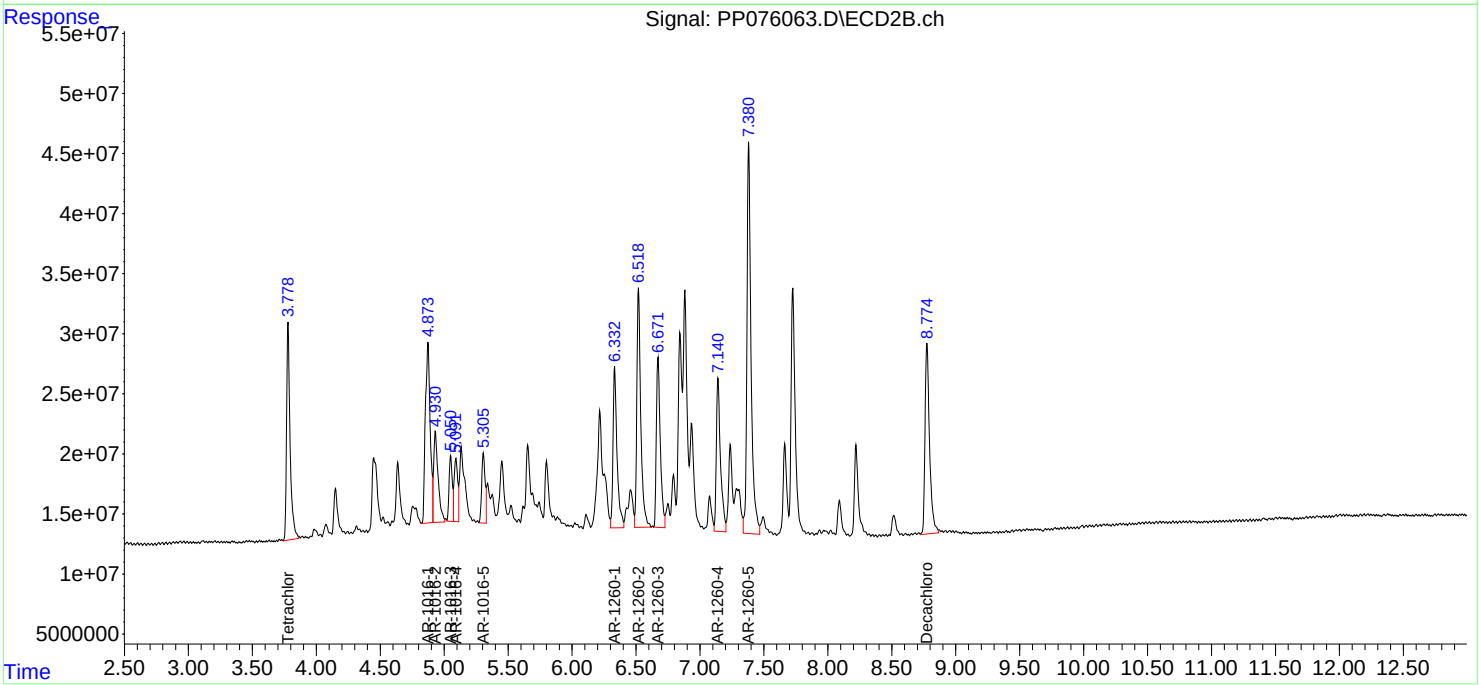
Manual Integrations APPROVED

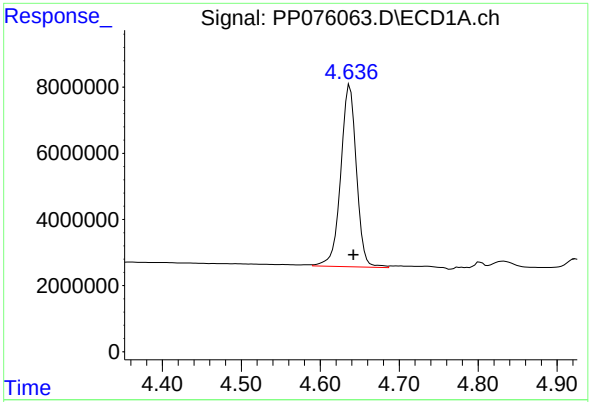
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:00:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







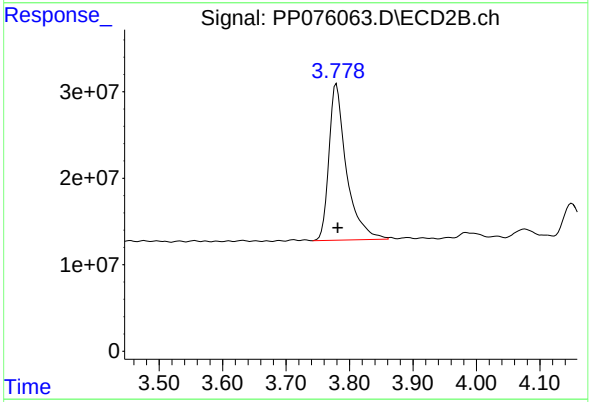
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 76140554
Conc: 53.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

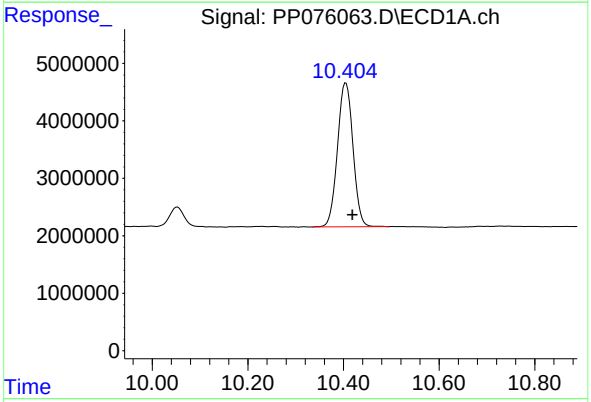
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



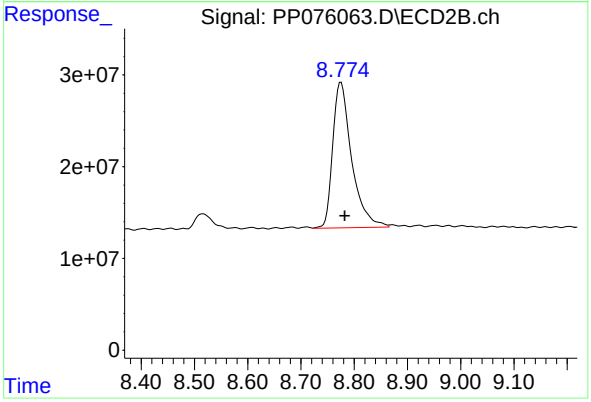
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 346714679
Conc: 52.39 ng/ml



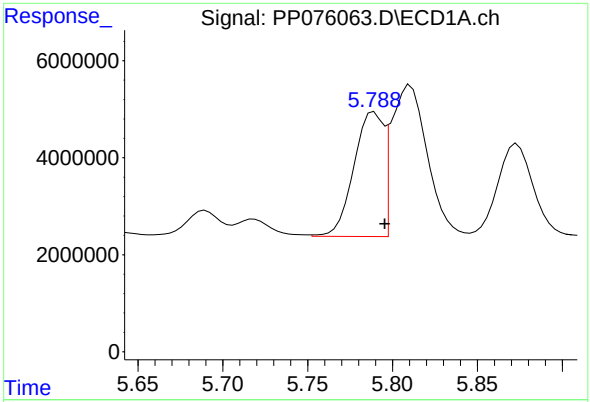
#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 56558628
Conc: 52.54 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 391215552
Conc: 47.58 ng/ml



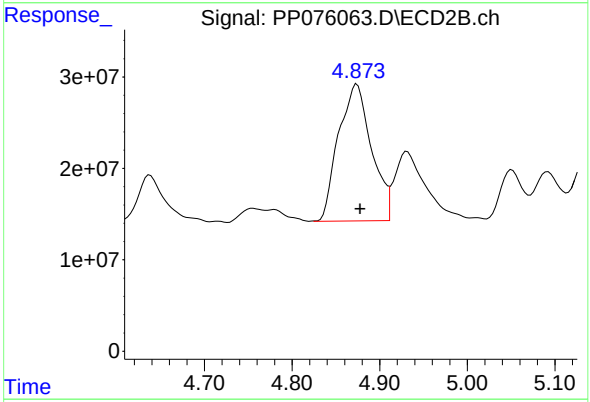
#3 AR-1016-1

R.T.: 5.789 min
Delta R.T.: -0.006 min
Response: 31211797
Conc: 527.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

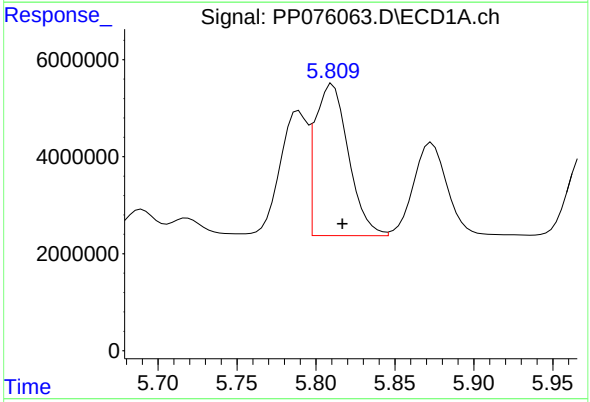
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



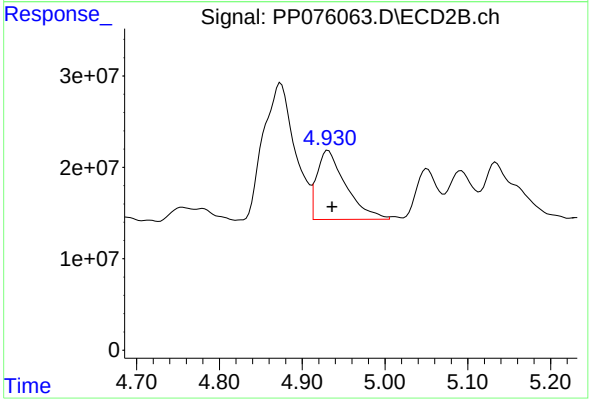
#3 AR-1016-1

R.T.: 4.873 min
Delta R.T.: -0.005 min
Response: 391078935
Conc: 528.36 ng/ml m



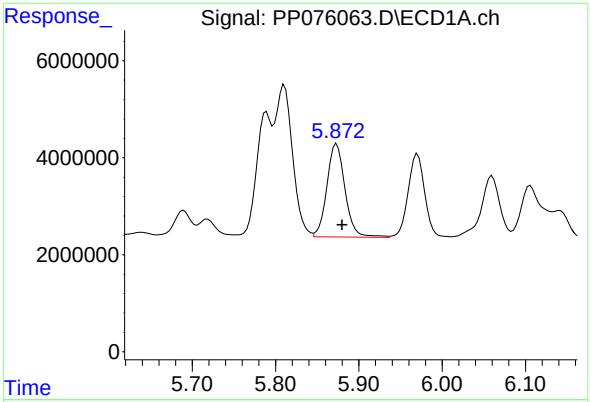
#4 AR-1016-2

R.T.: 5.811 min
Delta R.T.: -0.006 min
Response: 45971798
Conc: 519.78 ng/ml



#4 AR-1016-2

R.T.: 4.930 min
Delta R.T.: -0.006 min
Response: 179245085
Conc: 524.21 ng/ml m



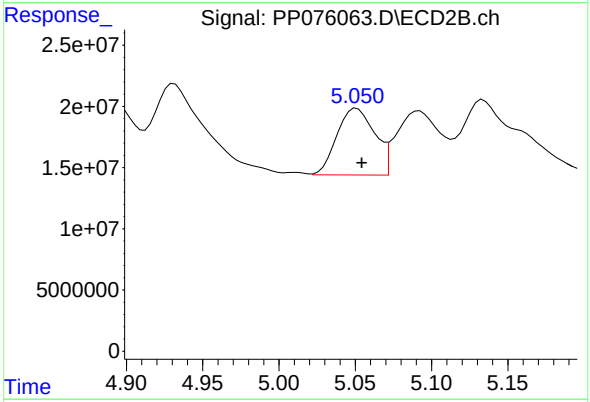
#5 AR-1016-3

R.T.: 5.873 min
Delta R.T.: -0.006 min
Response: 29077501
Conc: 525.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

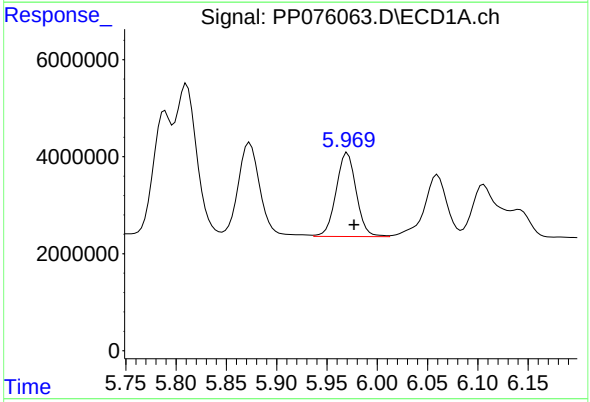
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



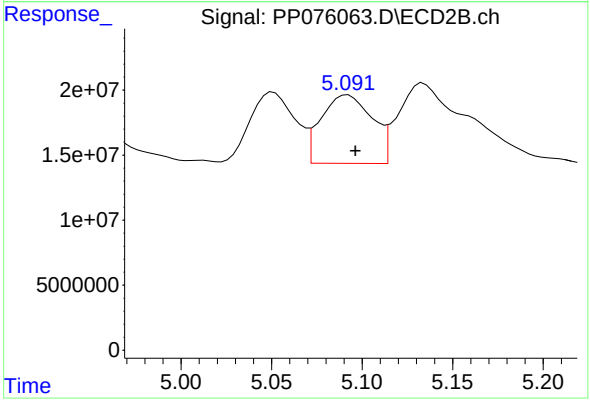
#5 AR-1016-3

R.T.: 5.051 min
Delta R.T.: -0.003 min
Response: 94136772
Conc: 458.44 ng/ml



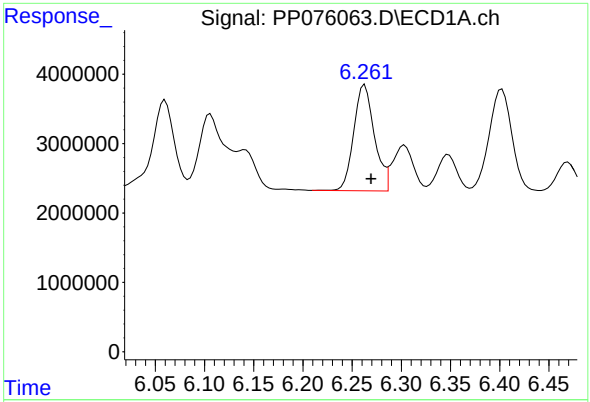
#6 AR-1016-4

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 23974413
Conc: 527.60 ng/ml



#6 AR-1016-4

R.T.: 5.092 min
Delta R.T.: -0.004 min
Response: 103404733
Conc: 553.31 ng/ml



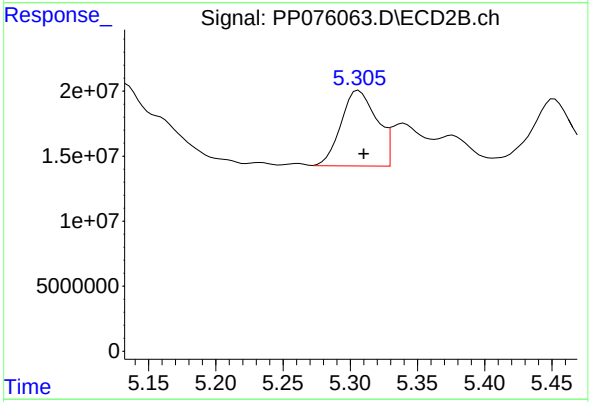
#7 AR-1016-5

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 22289187
Conc: 513.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

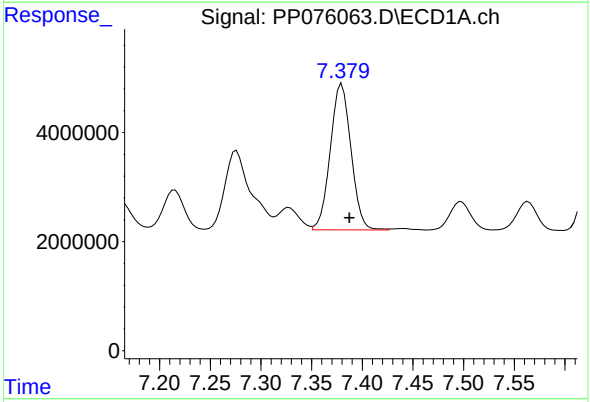
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



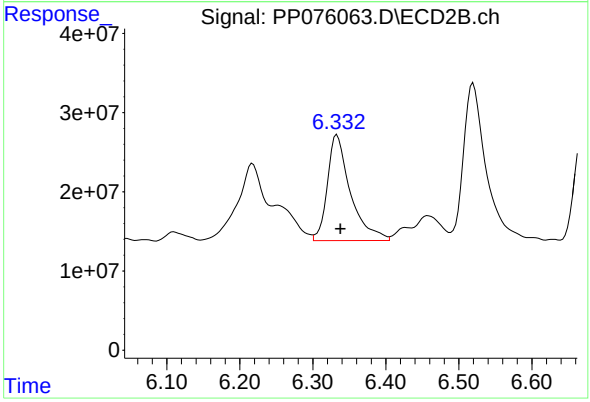
#7 AR-1016-5

R.T.: 5.306 min
Delta R.T.: -0.004 min
Response: 107387948
Conc: 471.04 ng/ml



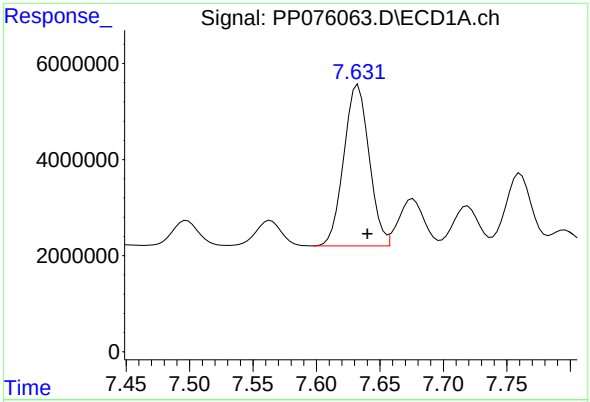
#31 AR-1260-1

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 38181326
Conc: 555.31 ng/ml



#31 AR-1260-1

R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 292977121
Conc: 534.93 ng/ml



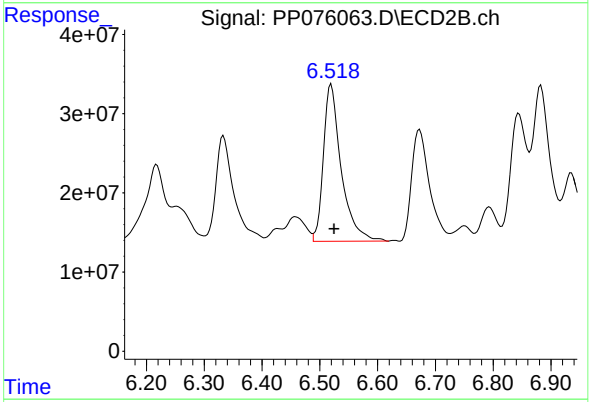
#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 46626204
Conc: 520.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

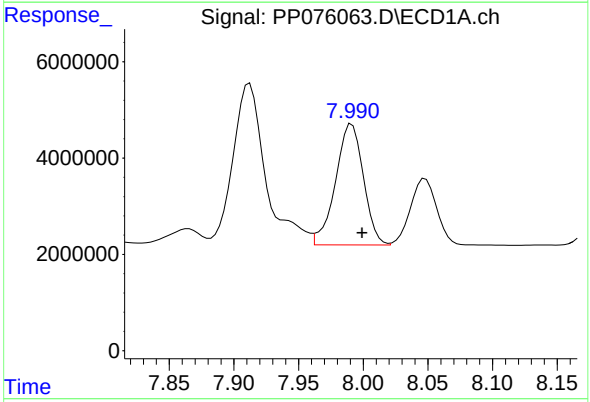
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



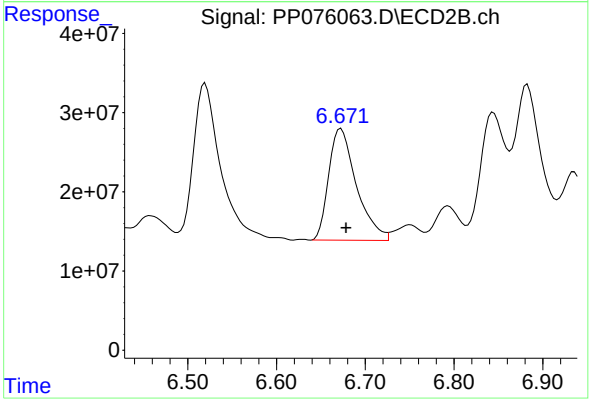
#32 AR-1260-2

R.T.: 6.520 min
Delta R.T.: -0.005 min
Response: 426330781
Conc: 523.92 ng/ml



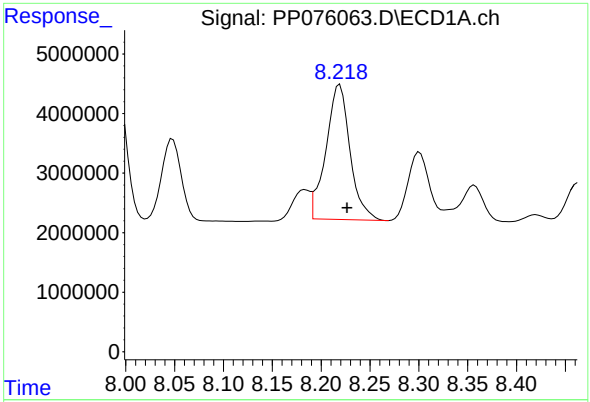
#33 AR-1260-3

R.T.: 7.991 min
Delta R.T.: -0.008 min
Response: 37677160
Conc: 543.79 ng/ml



#33 AR-1260-3

R.T.: 6.673 min
Delta R.T.: -0.006 min
Response: 306687230
Conc: 544.97 ng/ml



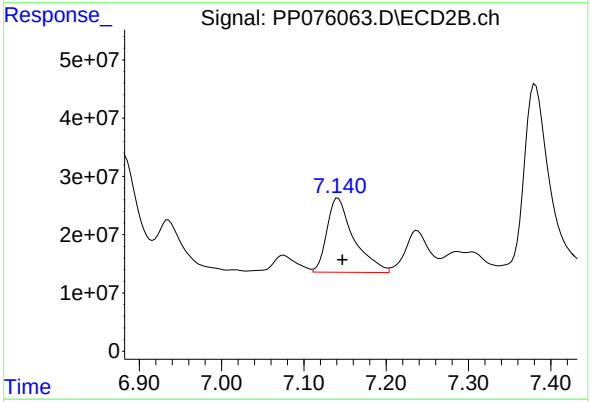
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.007 min
Response: 38952287
Conc: 568.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

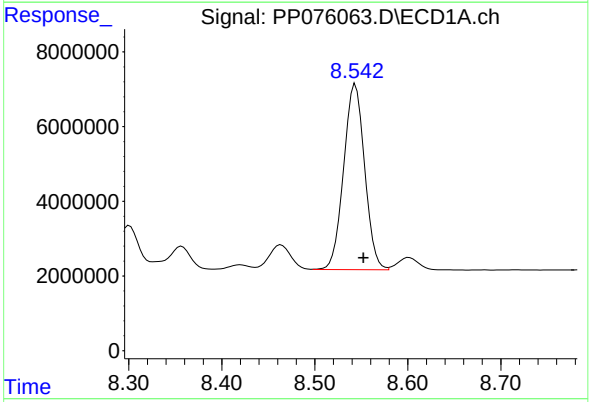
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



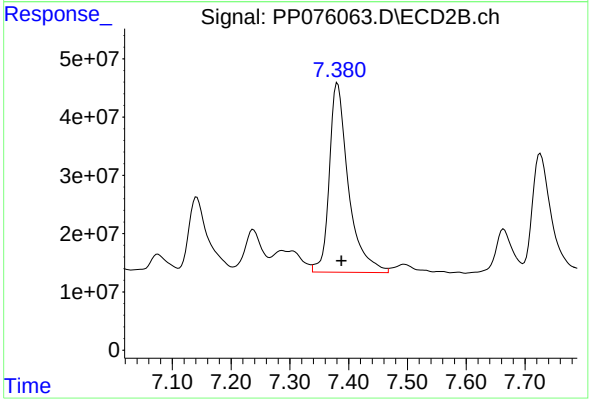
#34 AR-1260-4

R.T.: 7.142 min
Delta R.T.: -0.005 min
Response: 289379523
Conc: 557.22 ng/ml



#35 AR-1260-5

R.T.: 8.544 min
Delta R.T.: -0.009 min
Response: 78009133
Conc: 527.26 ng/ml



#35 AR-1260-5

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 735522791
Conc: 542.60 ng/ml

Raw Data: **PP076078.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:08 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

Raw Data: **PP076078.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:08 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076078.D **Time Analyzed:** 14:08

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.793	5.695	5.895	489.480	500.000	-2.1
Aroclor-1016-2	5.815	5.717	5.917	493.840	500.000	-1.2
Aroclor-1016-3	5.877	5.780	5.980	492.480	500.000	-1.5
Aroclor-1016-4	5.975	5.877	6.077	498.560	500.000	-0.3
Aroclor-1016-5	6.267	6.169	6.369	482.900	500.000	-3.4
Aroclor-1260-1	7.384	7.287	7.487	535.750	500.000	7.2
Aroclor-1260-2	7.636	7.540	7.740	493.780	500.000	-1.2
Aroclor-1260-3	7.995	7.899	8.099	512.820	500.000	2.6
Aroclor-1260-4	8.222	8.127	8.327	550.900	500.000	10.2
Aroclor-1260-5	8.547	8.452	8.652	502.490	500.000	0.5
Decachlorobiphenyl	10.409	10.319	10.519	50.530	50.000	1.1
Tetrachloro-m-xylene	4.642	4.542	4.742	49.760	50.000	-0.5

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL02 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076078.D **Time Analyzed:** 14:08

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.876	4.778	4.978	518.620	500.000	3.7
Aroclor-1016-2	4.935	4.836	5.036	531.450	500.000	6.3
Aroclor-1016-3	5.054	4.954	5.154	501.290	500.000	0.3
Aroclor-1016-4	5.095	4.996	5.196	541.930	500.000	8.4
Aroclor-1016-5	5.308	5.210	5.410	547.650	500.000	9.5
Aroclor-1260-1	6.336	6.238	6.438	486.190	500.000	-2.8
Aroclor-1260-2	6.522	6.425	6.625	481.180	500.000	-3.8
Aroclor-1260-3	6.675	6.578	6.778	504.200	500.000	0.8
Aroclor-1260-4	7.144	7.047	7.247	522.340	500.000	4.5
Aroclor-1260-5	7.384	7.287	7.487	484.740	500.000	-3.1
Decachlorobiphenyl	8.777	8.682	8.882	45.370	50.000	-9.3
Tetrachloro-m-xylene	3.782	3.681	3.881	53.460	50.000	6.9

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:08
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.642	3.782	71108591	353.8E6	49.758	53.460
2)	SA Decachlor...	10.409	8.777	54396935	373.1E6	50.530	45.368
	Target Compounds						
3)	L1 AR-1016-1	5.793	4.876	28941333	383.9E6	489.485	518.615
4)	L1 AR-1016-2	5.815	4.935	43677020	181.7E6	493.837	531.450
5)	L1 AR-1016-3	5.877	5.054	27259037	102.9E6	492.476	501.291
6)	L1 AR-1016-4	5.975	5.095	22654846	101.3E6	498.564	541.928
7)	L1 AR-1016-5	6.267	5.308	20960588	124.9E6	482.901	547.651
31)	L7 AR-1260-1	7.384	6.336	36836407	266.3E6	535.751	486.193
32)	L7 AR-1260-2	7.636	6.522	44231121	391.6E6	493.776	481.177
33)	L7 AR-1260-3	7.995	6.675	35531662	283.7E6	512.822	504.203
34)	L7 AR-1260-4	8.222	7.144	37775708	271.3E6	550.896	522.340
35)	L7 AR-1260-5	8.547	7.384	74344445	657.1E6	502.492	484.740

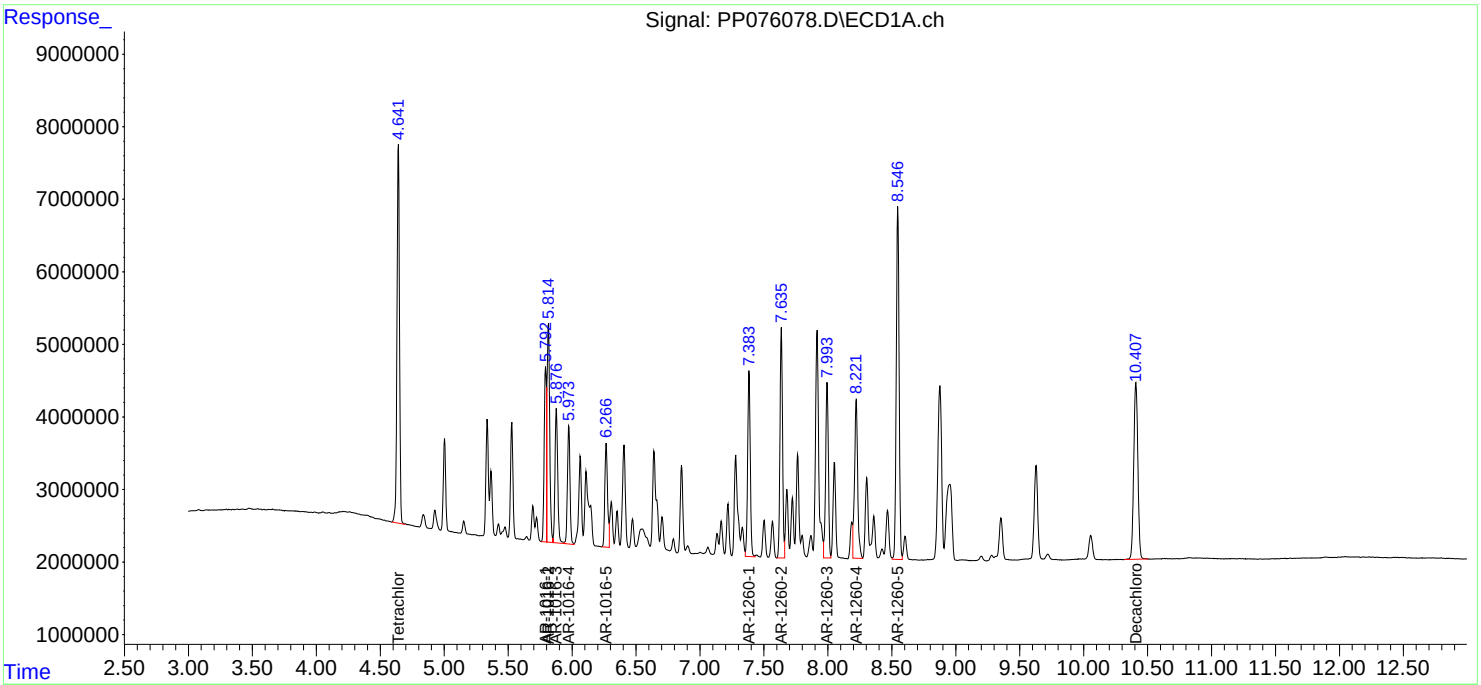
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

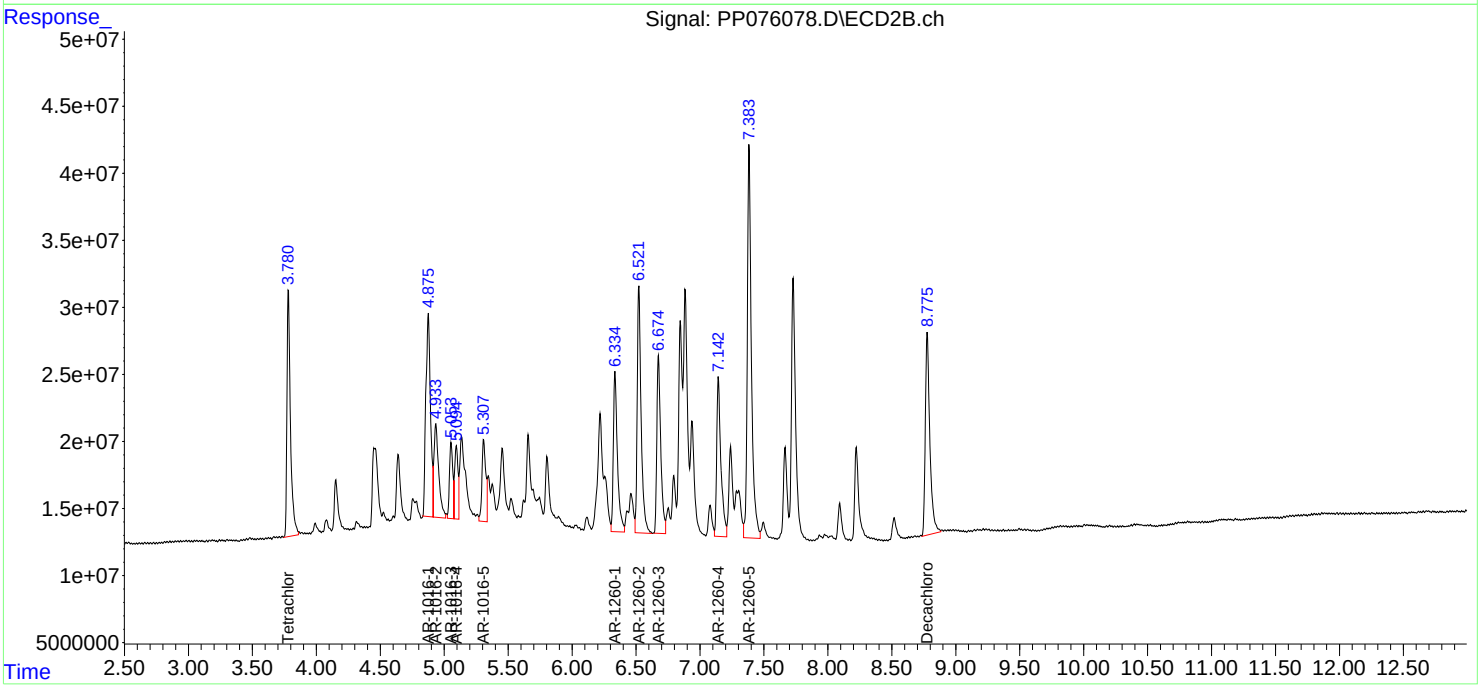
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076078.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:08
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

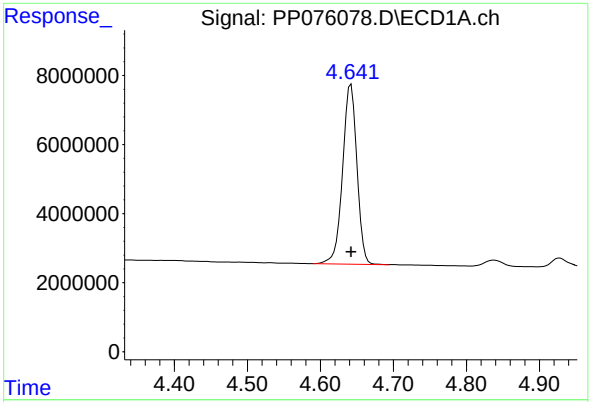
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:02:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



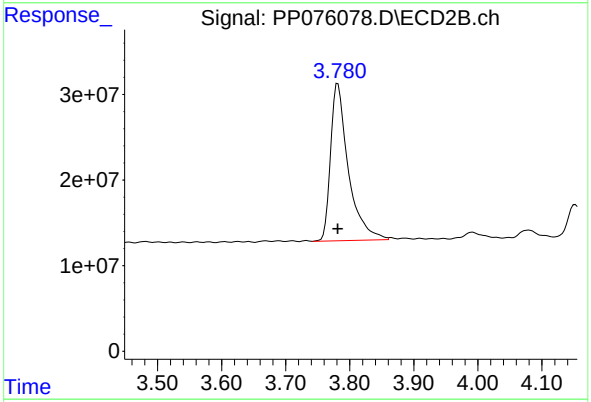




#1 Tetrachloro-m-xylene

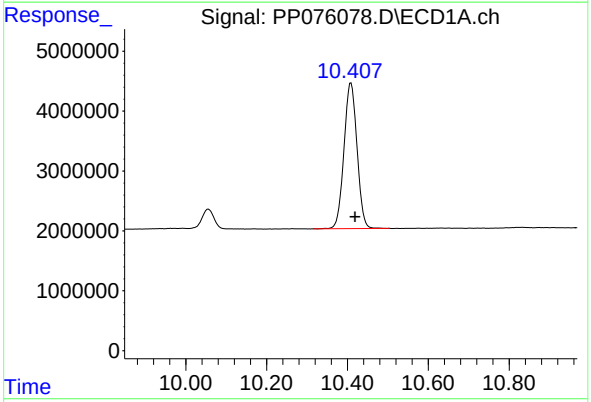
R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 71108591
Conc: 49.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



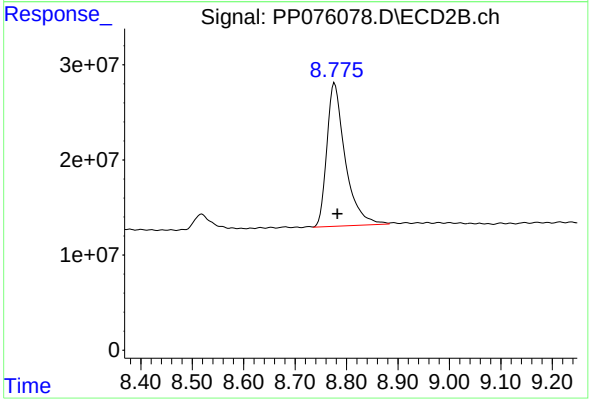
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 353810799
Conc: 53.46 ng/ml



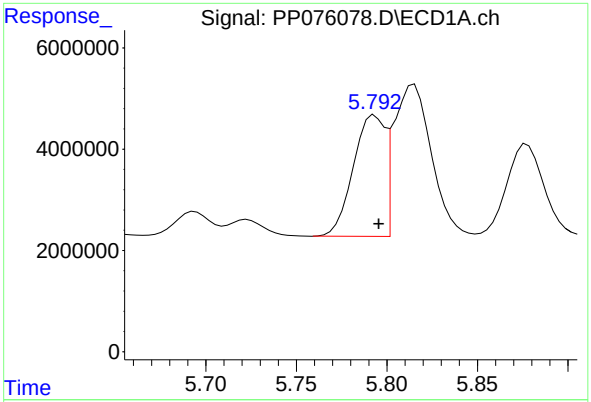
#2 Decachlorobiphenyl

R.T.: 10.409 min
Delta R.T.: -0.010 min
Response: 54396935
Conc: 50.53 ng/ml



#2 Decachlorobiphenyl

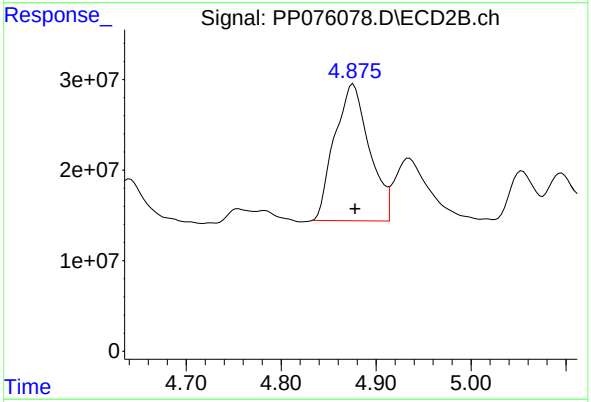
R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 373058745
Conc: 45.37 ng/ml



#3 AR-1016-1

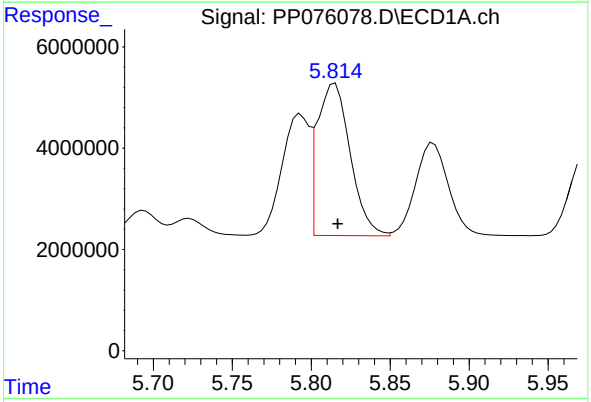
R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 28941333
Conc: 489.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



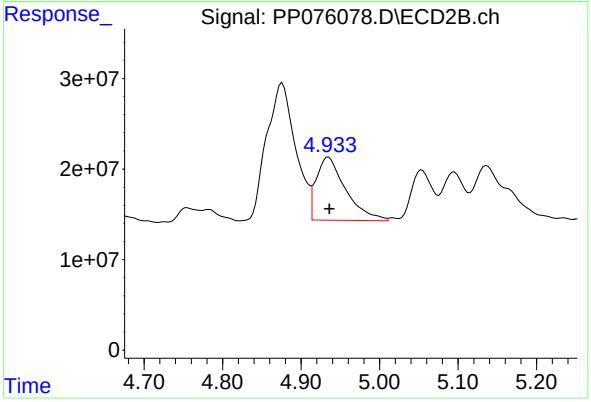
#3 AR-1016-1

R.T.: 4.876 min
Delta R.T.: -0.002 min
Response: 383864540
Conc: 518.62 ng/ml



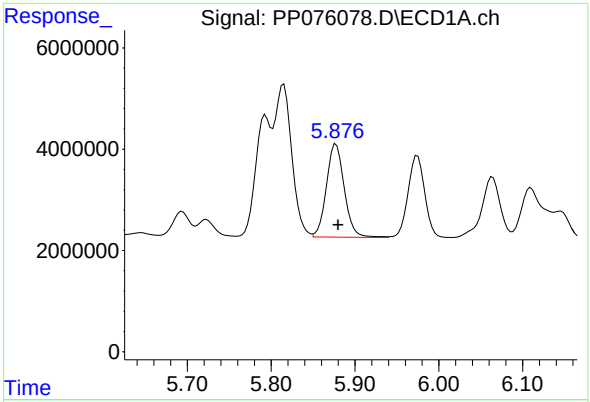
#4 AR-1016-2

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 43677020
Conc: 493.84 ng/ml



#4 AR-1016-2

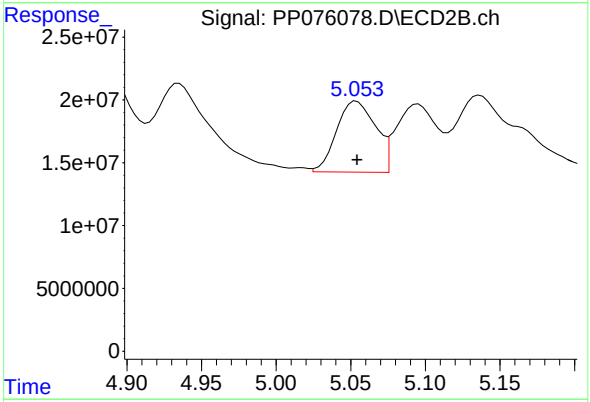
R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 181719861
Conc: 531.45 ng/ml



#5 AR-1016-3

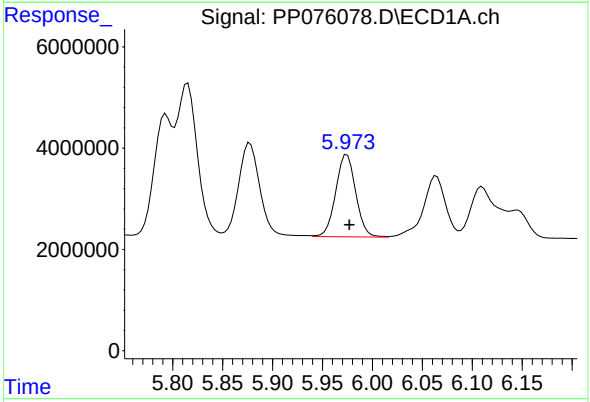
R.T.: 5.877 min
Delta R.T.: -0.002 min
Response: 27259037
Conc: 492.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



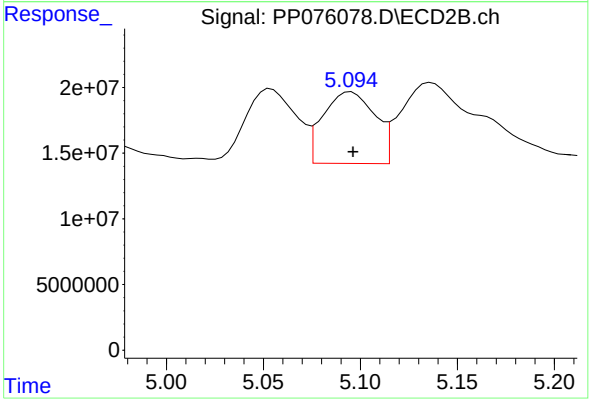
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 102936441
Conc: 501.29 ng/ml



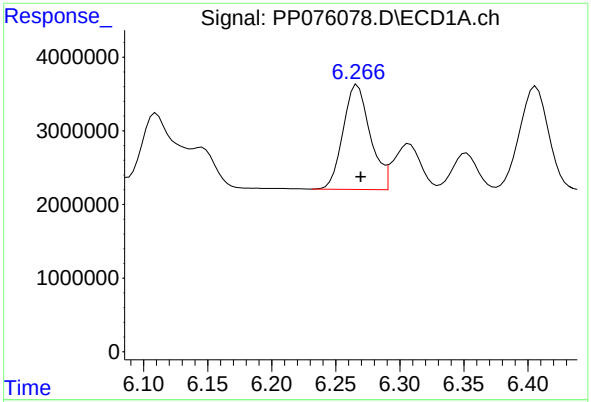
#6 AR-1016-4

R.T.: 5.975 min
Delta R.T.: -0.002 min
Response: 22654846
Conc: 498.56 ng/ml



#6 AR-1016-4

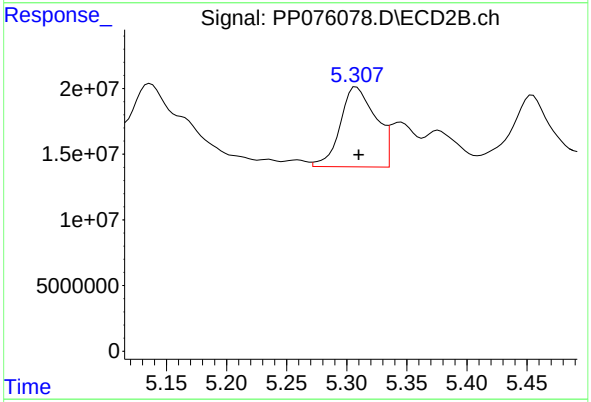
R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 101278447
Conc: 541.93 ng/ml



#7 AR-1016-5

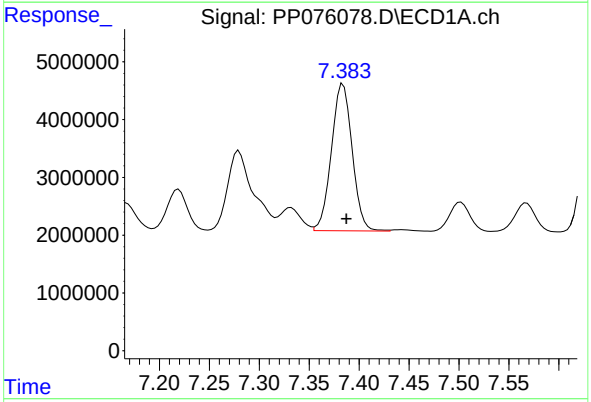
R.T.: 6.267 min
Delta R.T.: -0.002 min
Response: 20960588
Conc: 482.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



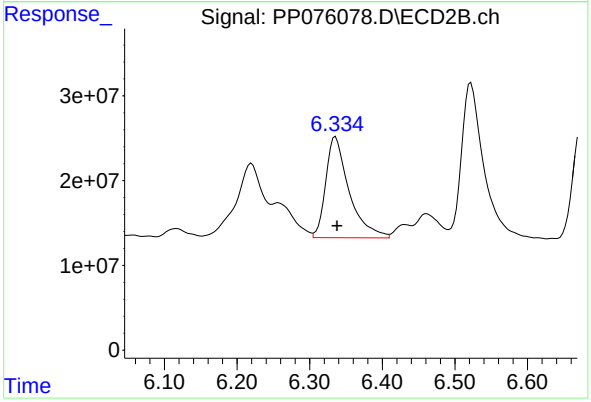
#7 AR-1016-5

R.T.: 5.308 min
Delta R.T.: -0.002 min
Response: 124855167
Conc: 547.65 ng/ml



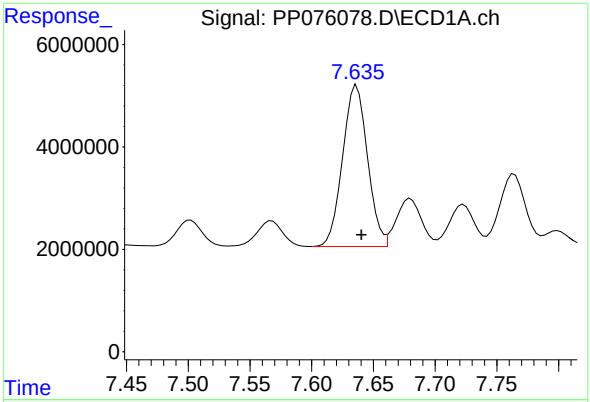
#31 AR-1260-1

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 36836407
Conc: 535.75 ng/ml



#31 AR-1260-1

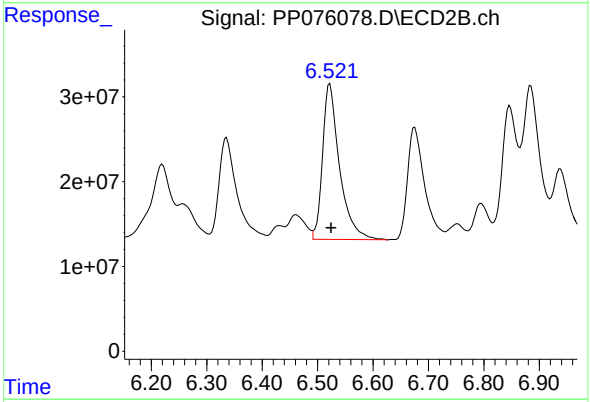
R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 266285433
Conc: 486.19 ng/ml



#32 AR-1260-2

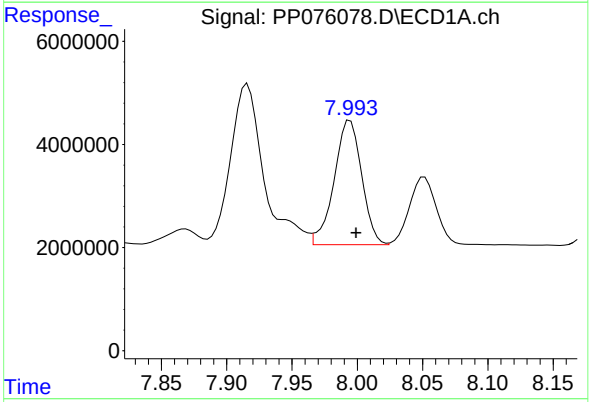
R.T.: 7.636 min
Delta R.T.: -0.004 min
Response: 44231121
Conc: 493.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



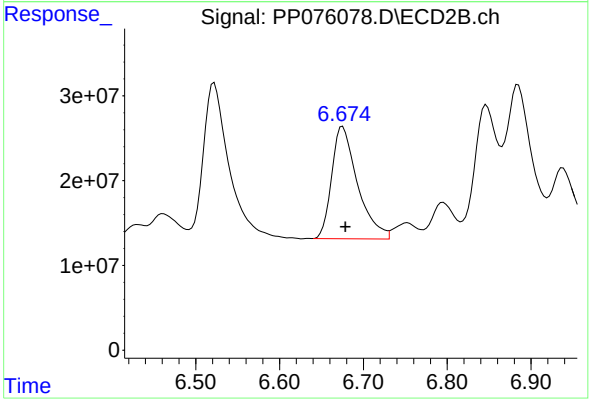
#32 AR-1260-2

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 391550041
Conc: 481.18 ng/ml



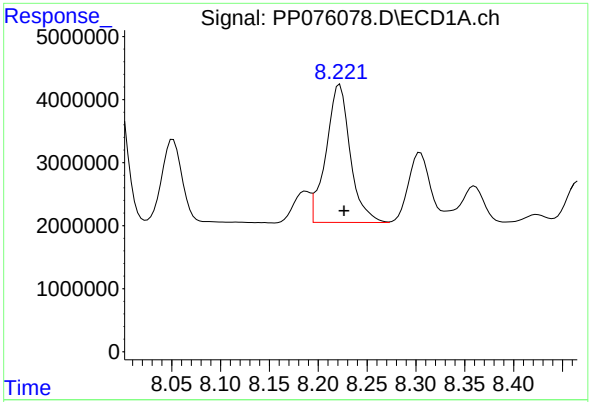
#33 AR-1260-3

R.T.: 7.995 min
Delta R.T.: -0.005 min
Response: 35531662
Conc: 512.82 ng/ml



#33 AR-1260-3

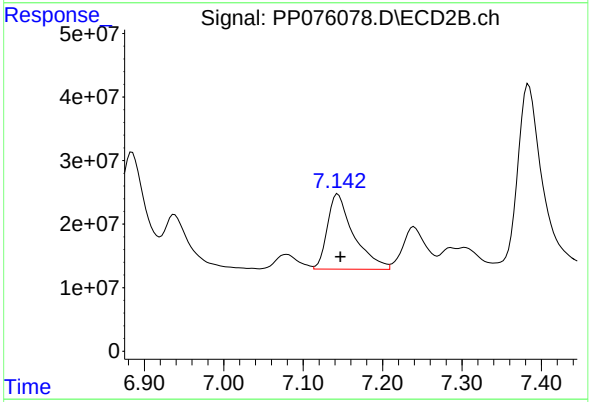
R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 283743652
Conc: 504.20 ng/ml



#34 AR-1260-4

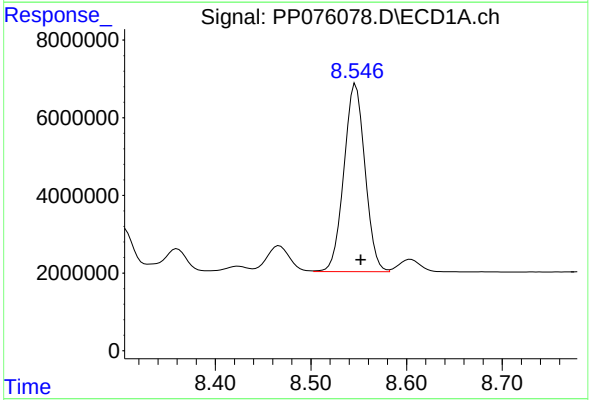
R.T.: 8.222 min
Delta R.T.: -0.005 min
Response: 37775708
Conc: 550.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



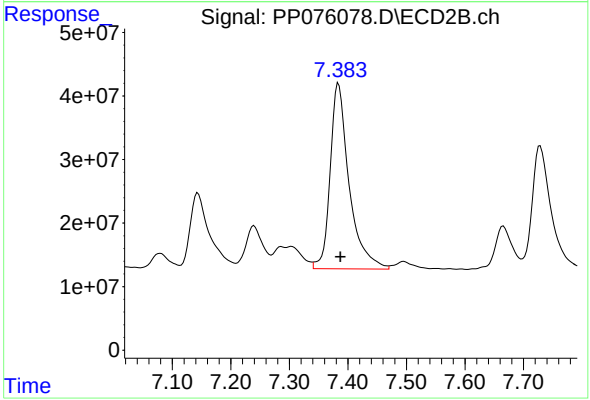
#34 AR-1260-4

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 271267626
Conc: 522.34 ng/ml



#35 AR-1260-5

R.T.: 8.547 min
Delta R.T.: -0.005 min
Response: 74344445
Conc: 502.49 ng/ml



#35 AR-1260-5

R.T.: 7.384 min
Delta R.T.: -0.003 min
Response: 657092211
Conc: 484.74 ng/ml

Raw Data: **PP076093.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:00 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.82	5.82	5.72	5.92	0.00
Aroclor-1016-3	(3)	5.88	5.88	5.78	5.98	0.00
Aroclor-1016-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1016-5	(5)	6.27	6.27	6.17	6.37	0.00
Aroclor-1260-1	(1)	7.39	7.39	7.29	7.49	0.00
Aroclor-1260-2	(2)	7.64	7.64	7.54	7.74	0.00
Aroclor-1260-3	(3)	8.00	8.00	7.90	8.10	0.00
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.55	8.55	8.45	8.65	0.00
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

Raw Data: **PP076093.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 19:00 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.88	4.88	4.78	4.98	0.00
Aroclor-1016-2	(2)	4.94	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.06	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.10	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.00
Aroclor-1260-1	(1)	6.34	6.34	6.24	6.44	0.00
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.68	6.68	6.58	6.78	0.00
Aroclor-1260-4	(4)	7.15	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.39	7.39	7.29	7.49	0.00
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.78	8.78	8.68	8.88	0.00

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076093.D **Time Analyzed:** 19:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.794	5.695	5.895	480.030	500.000	-4.0
Aroclor-1016-2	5.816	5.717	5.917	475.640	500.000	-4.9
Aroclor-1016-3	5.878	5.780	5.980	474.420	500.000	-5.1
Aroclor-1016-4	5.976	5.877	6.077	474.180	500.000	-5.2
Aroclor-1016-5	6.268	6.169	6.369	471.820	500.000	-5.6
Aroclor-1260-1	7.385	7.287	7.487	506.540	500.000	1.3
Aroclor-1260-2	7.638	7.540	7.740	482.580	500.000	-3.5
Aroclor-1260-3	7.996	7.899	8.099	503.370	500.000	0.7
Aroclor-1260-4	8.223	8.127	8.327	532.190	500.000	6.4
Aroclor-1260-5	8.548	8.452	8.652	490.860	500.000	-1.8
Decachlorobiphenyl	10.410	10.319	10.519	49.330	50.000	-1.3
Tetrachloro-m-xylene	4.643	4.542	4.742	47.950	50.000	-4.1

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL03 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076093.D **Time Analyzed:** 19:00

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.877	4.778	4.978	506.840	500.000	1.4
Aroclor-1016-2	4.935	4.836	5.036	555.130	500.000	11.0
Aroclor-1016-3	5.055	4.954	5.154	499.630	500.000	-0.1
Aroclor-1016-4	5.095	4.996	5.196	580.570	500.000	16.1
Aroclor-1016-5	5.309	5.210	5.410	516.160	500.000	3.2
Aroclor-1260-1	6.337	6.238	6.438	530.020	500.000	6.0
Aroclor-1260-2	6.523	6.425	6.625	530.480	500.000	6.1
Aroclor-1260-3	6.677	6.578	6.778	519.760	500.000	4.0
Aroclor-1260-4	7.145	7.047	7.247	547.780	500.000	9.6
Aroclor-1260-5	7.385	7.287	7.487	506.760	500.000	1.4
Decachlorobiphenyl	8.778	8.682	8.882	43.890	50.000	-12.2
Tetrachloro-m-xylene	3.783	3.681	3.881	51.490	50.000	3.0

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 19:00
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:06:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.643	3.783	68521674	340.8E6	47.948	51.492
2)	SA Decachlor...	10.410	8.778	53108712	360.9E6	49.333	43.892
	Target Compounds						
3)	L1 AR-1016-1	5.794	4.877	28382391	375.1E6	480.031	506.842
4)	L1 AR-1016-2	5.816	4.935	42067198	189.8E6	475.636	555.127
5)	L1 AR-1016-3	5.878	5.055	26259626	102.6E6	474.420	499.630
6)	L1 AR-1016-4	5.976	5.095	21546827	108.5E6	474.180	580.575
7)	L1 AR-1016-5	6.268	5.309	20479727	117.7E6	471.823	516.161
31)	L7 AR-1260-1	7.385	6.337	34827859	290.3E6	506.538	530.020
32)	L7 AR-1260-2	7.638	6.523	43228414	431.7E6	482.582	530.476
33)	L7 AR-1260-3	7.996	6.677	34877119	292.5E6	503.375	519.764
34)	L7 AR-1260-4	8.223	7.145	36493029	284.5E6	532.190	547.784
35)	L7 AR-1260-5	8.548	7.385	72623646	686.9E6	490.861	506.764

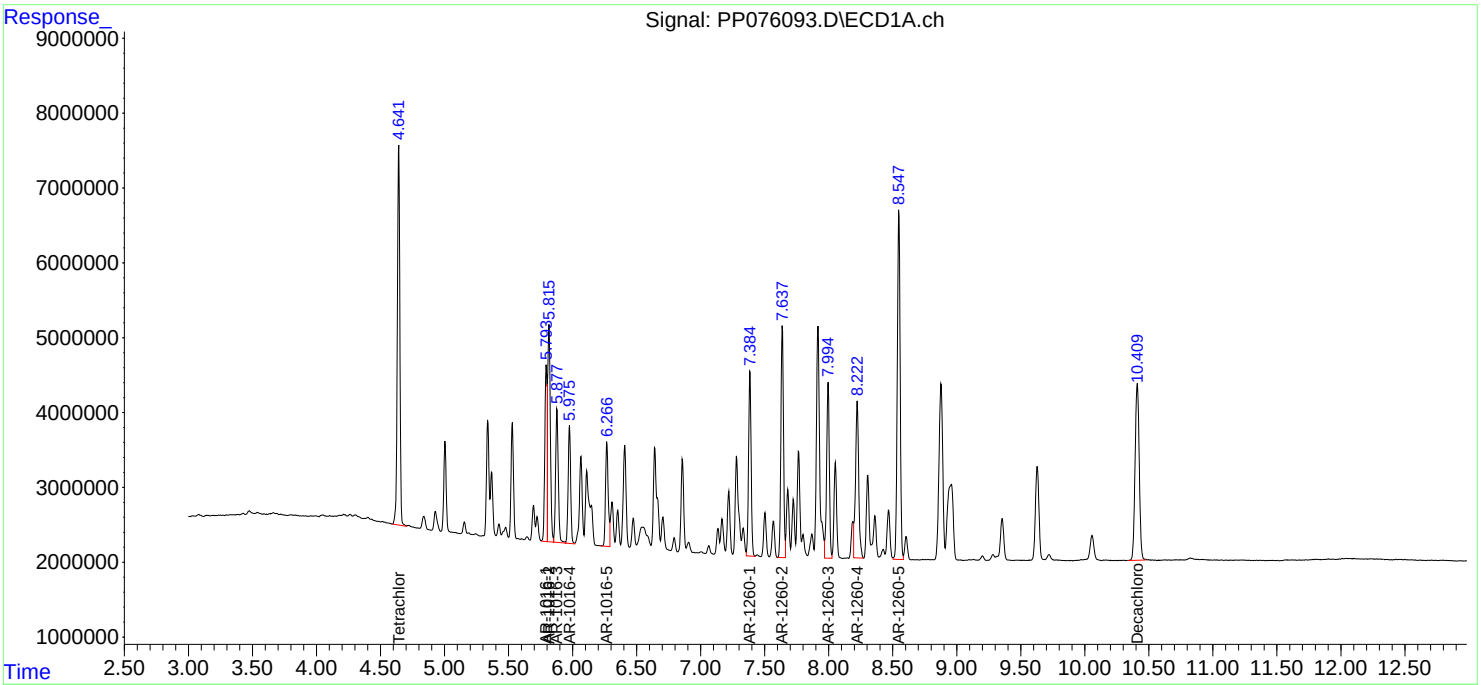
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

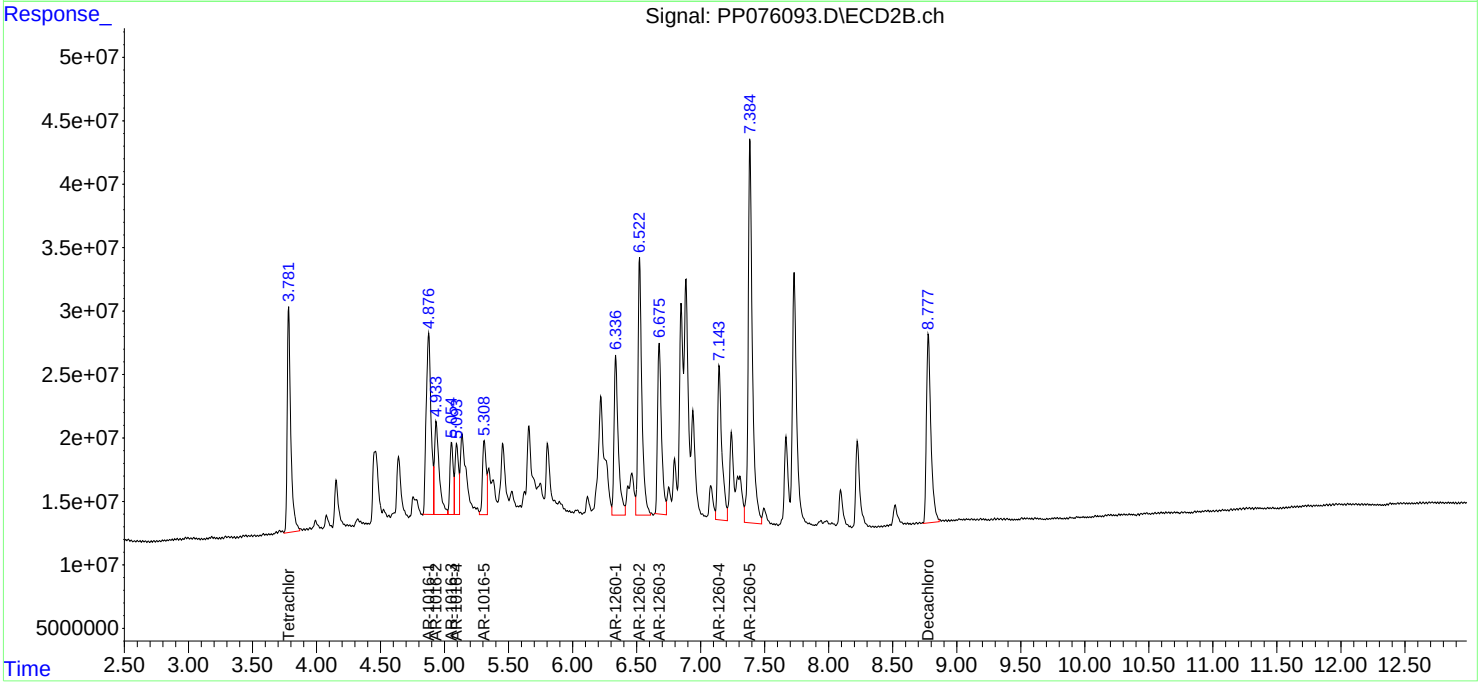
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076093.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 19:00
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

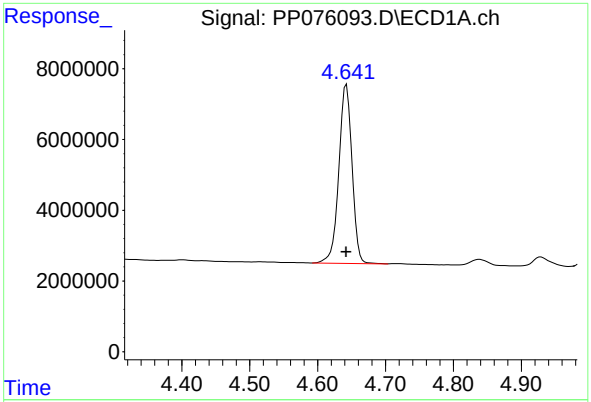
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:06:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



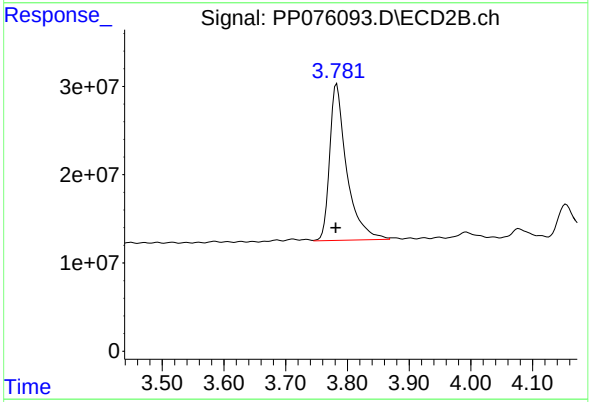




#1 Tetrachloro-m-xylene

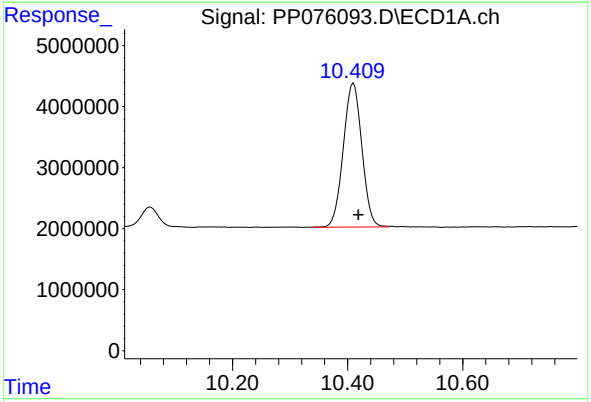
R.T.: 4.643 min
Delta R.T.: 0.000 min
Response: 68521674
Conc: 47.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



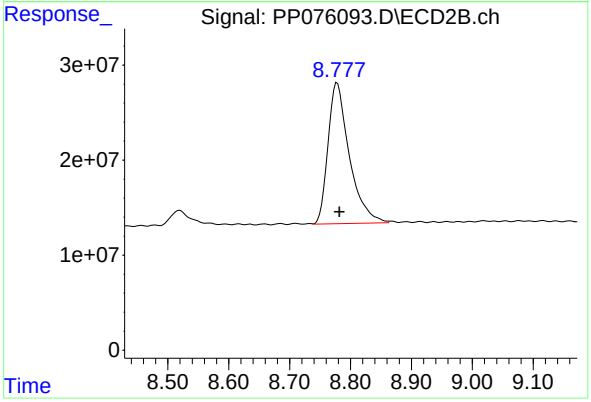
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 340789175
Conc: 51.49 ng/ml



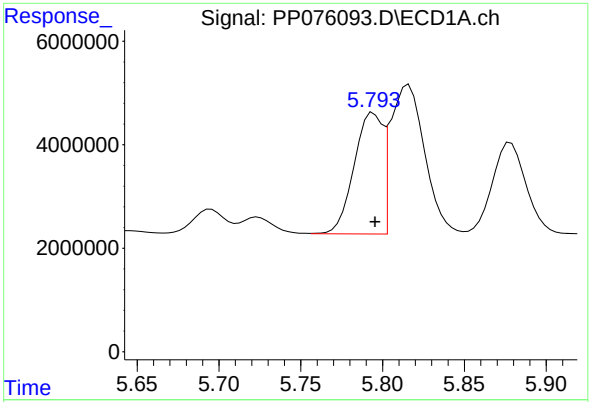
#2 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.009 min
Response: 53108712
Conc: 49.33 ng/ml



#2 Decachlorobiphenyl

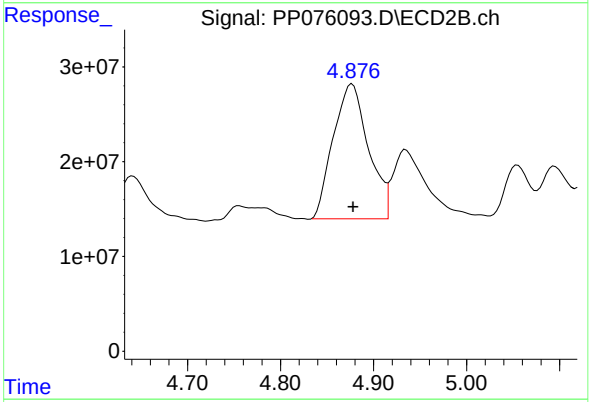
R.T.: 8.778 min
Delta R.T.: -0.004 min
Response: 360920546
Conc: 43.89 ng/ml



#3 AR-1016-1

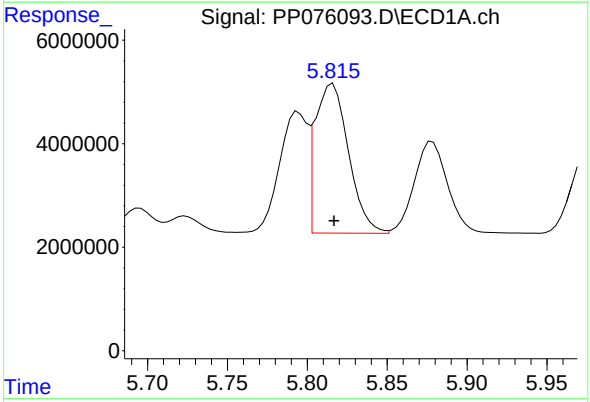
R.T.: 5.794 min
Delta R.T.: -0.001 min
Response: 28382391
Conc: 480.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



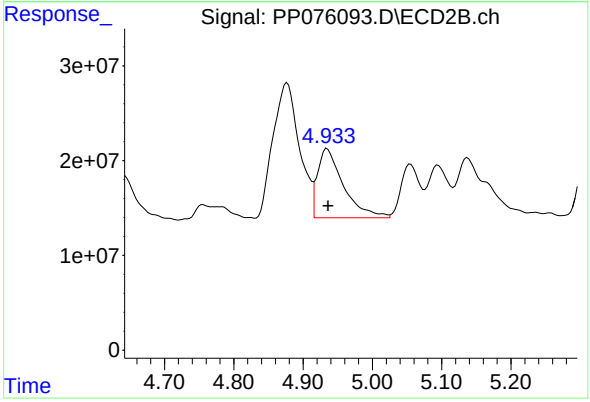
#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: 0.000 min
Response: 375149942
Conc: 506.84 ng/ml



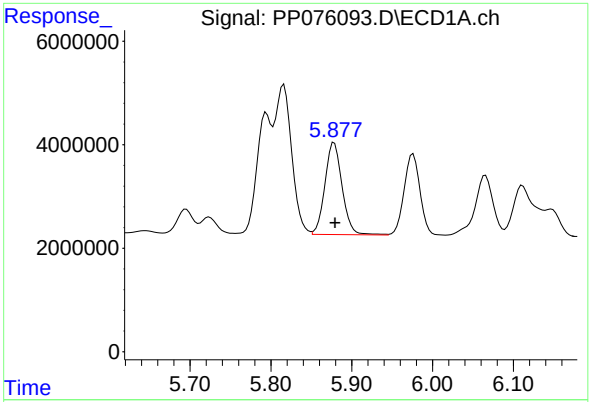
#4 AR-1016-2

R.T.: 5.816 min
Delta R.T.: 0.000 min
Response: 42067198
Conc: 475.64 ng/ml



#4 AR-1016-2

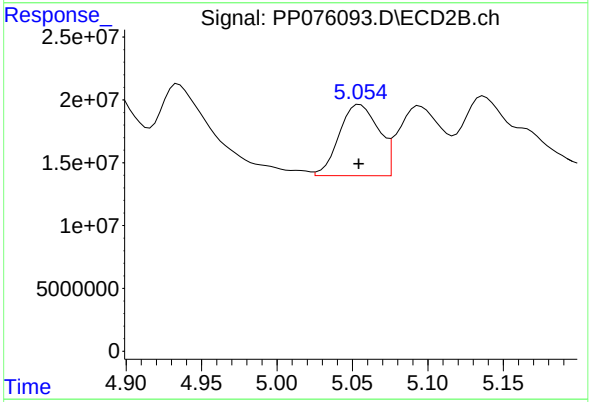
R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 189815763
Conc: 555.13 ng/ml



#5 AR-1016-3

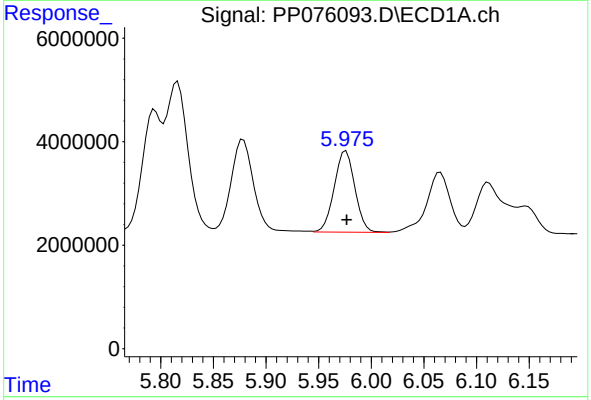
R.T.: 5.878 min
Delta R.T.: -0.001 min
Response: 26259626
Conc: 474.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



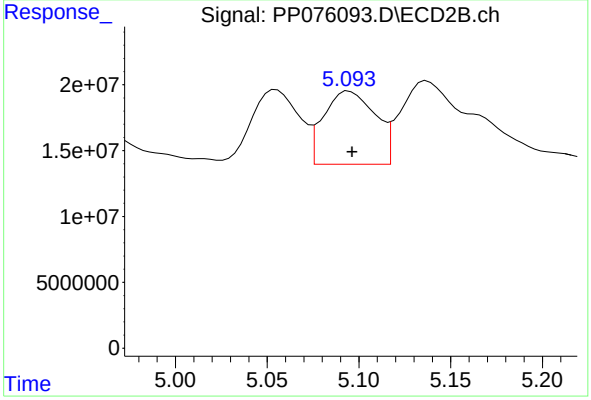
#5 AR-1016-3

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 102595292
Conc: 499.63 ng/ml



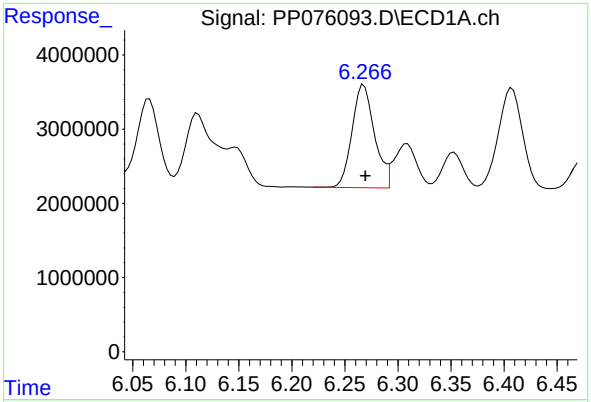
#6 AR-1016-4

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 21546827
Conc: 474.18 ng/ml



#6 AR-1016-4

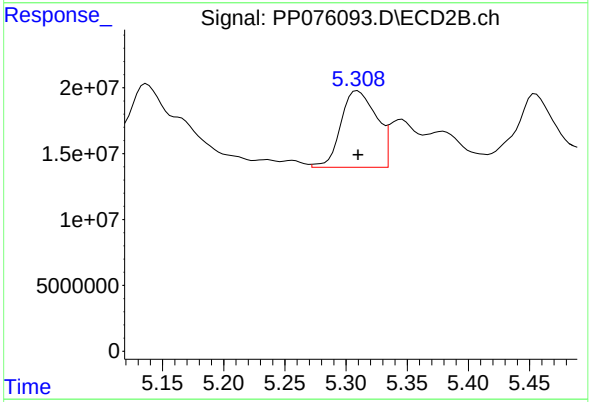
R.T.: 5.095 min
Delta R.T.: -0.002 min
Response: 108501046
Conc: 580.57 ng/ml



#7 AR-1016-5

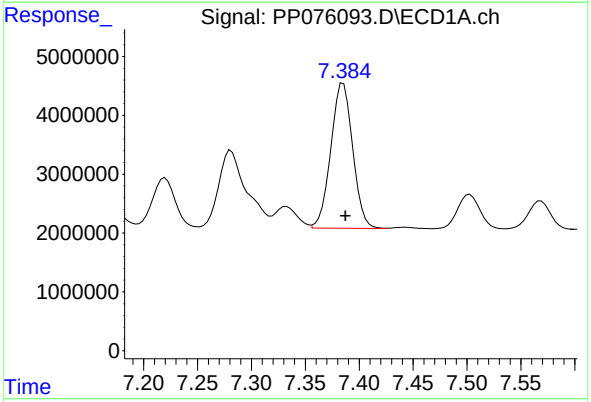
R.T.: 6.268 min
Delta R.T.: -0.002 min
Response: 20479727
Conc: 471.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



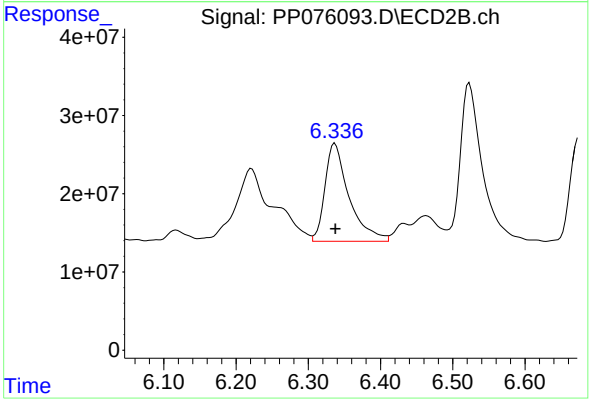
#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 117675844
Conc: 516.16 ng/ml



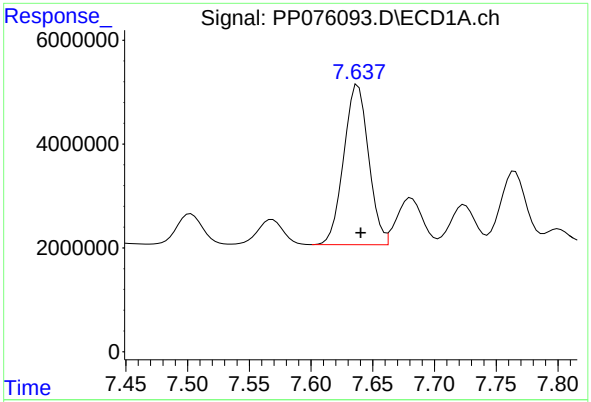
#31 AR-1260-1

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 34827859
Conc: 506.54 ng/ml



#31 AR-1260-1

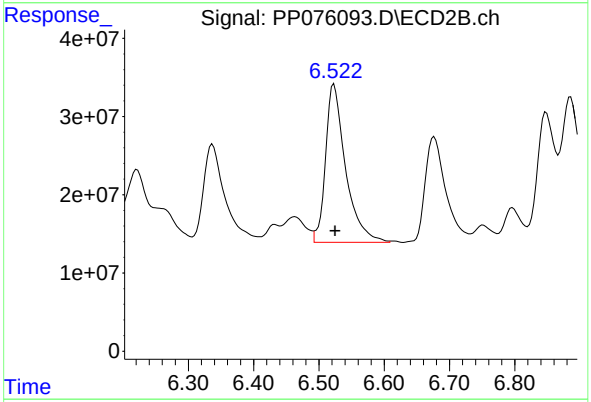
R.T.: 6.337 min
Delta R.T.: 0.000 min
Response: 290289214
Conc: 530.02 ng/ml



#32 AR-1260-2

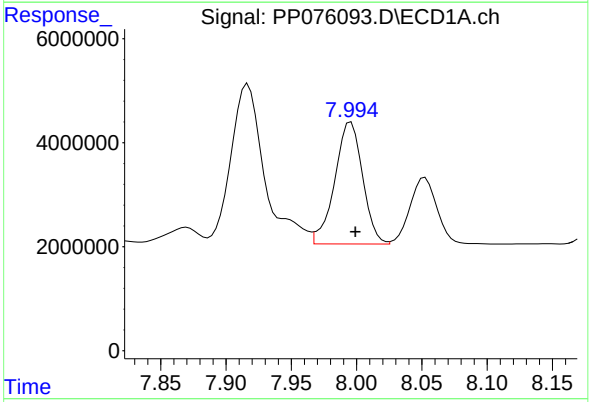
R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 43228414
Conc: 482.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



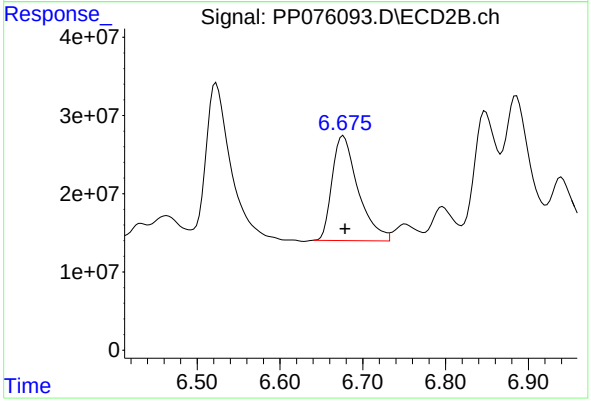
#32 AR-1260-2

R.T.: 6.523 min
Delta R.T.: -0.002 min
Response: 431666493
Conc: 530.48 ng/ml



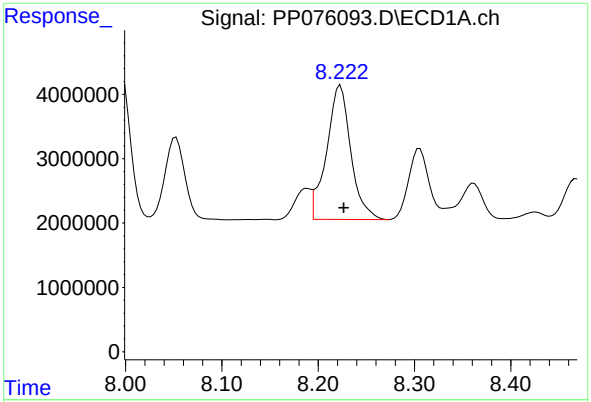
#33 AR-1260-3

R.T.: 7.996 min
Delta R.T.: -0.003 min
Response: 34877119
Conc: 503.37 ng/ml



#33 AR-1260-3

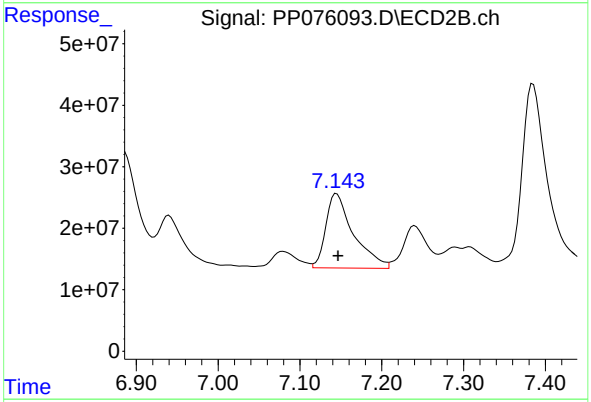
R.T.: 6.677 min
Delta R.T.: -0.002 min
Response: 292500500
Conc: 519.76 ng/ml



#34 AR-1260-4

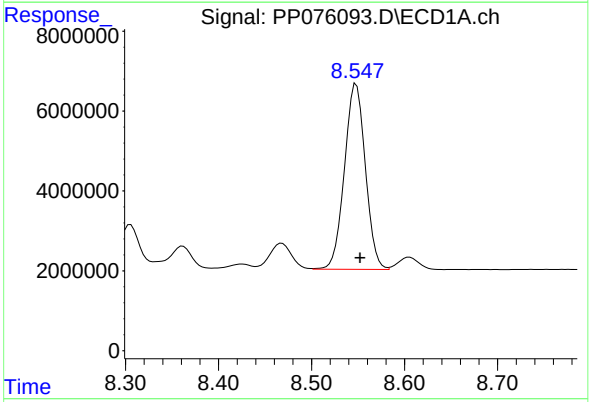
R.T.: 8.223 min
Delta R.T.: -0.003 min
Response: 36493029
Conc: 532.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



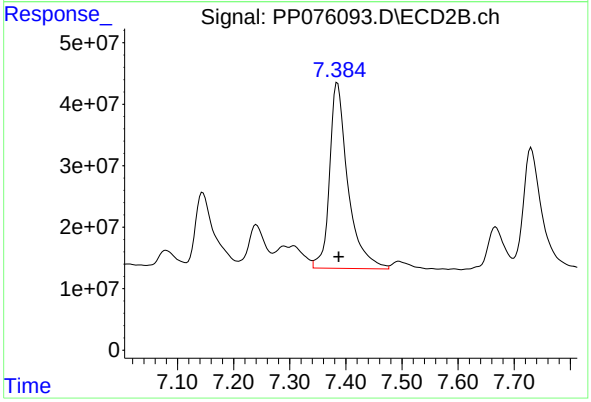
#34 AR-1260-4

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 284481265
Conc: 547.78 ng/ml



#35 AR-1260-5

R.T.: 8.548 min
Delta R.T.: -0.004 min
Response: 72623646
Conc: 490.86 ng/ml



#35 AR-1260-5

R.T.: 7.385 min
Delta R.T.: -0.002 min
Response: 686946685
Conc: 506.76 ng/ml

Raw Data: **PP076110.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 09:22 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.54	8.55	8.45	8.65	0.01
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.40	10.42	10.32	10.52	0.02

Raw Data: **PP076110.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 09:22 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076110.D **Time Analyzed:** 09:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.788	5.695	5.895	528.690	500.000	5.7
Aroclor-1016-2	5.810	5.717	5.917	528.930	500.000	5.8
Aroclor-1016-3	5.872	5.780	5.980	522.400	500.000	4.5
Aroclor-1016-4	5.969	5.877	6.077	526.120	500.000	5.2
Aroclor-1016-5	6.261	6.169	6.369	522.100	500.000	4.4
Aroclor-1260-1	7.378	7.287	7.487	559.940	500.000	12.0
Aroclor-1260-2	7.632	7.540	7.740	530.200	500.000	6.0
Aroclor-1260-3	7.990	7.899	8.099	549.610	500.000	9.9
Aroclor-1260-4	8.217	8.127	8.327	575.050	500.000	15.0
Aroclor-1260-5	8.542	8.452	8.652	537.630	500.000	7.5
Decachlorobiphenyl	10.404	10.319	10.519	53.490	50.000	7.0
Tetrachloro-m-xylene	4.636	4.542	4.742	53.240	50.000	6.5

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL04 **Date Analyzed:** 10/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076110.D **Time Analyzed:** 09:22

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.873	4.778	4.978	544.040	500.000	8.8
Aroclor-1016-2	4.931	4.836	5.036	538.830	500.000	7.8
Aroclor-1016-3	5.050	4.954	5.154	515.000	500.000	3.0
Aroclor-1016-4	5.091	4.996	5.196	573.130	500.000	14.6
Aroclor-1016-5	5.305	5.210	5.410	534.550	500.000	6.9
Aroclor-1260-1	6.331	6.238	6.438	576.200	500.000	15.2
Aroclor-1260-2	6.518	6.425	6.625	579.620	500.000	15.9
Aroclor-1260-3	6.671	6.578	6.778	579.030	500.000	15.8
Aroclor-1260-4	7.140	7.047	7.247	602.530	500.000	20.5
Aroclor-1260-5	7.380	7.287	7.487	569.960	500.000	14.0
Decachlorobiphenyl	8.773	8.682	8.882	48.290	50.000	-3.4
Tetrachloro-m-xylene	3.779	3.681	3.881	56.080	50.000	12.2

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.636	3.779	76083626	371.2E6	53.239	56.084
2)	SA Decachlor...	10.404	8.773	57588209	397.1E6	53.494	48.288
	Target Compounds						
3)	L1 AR-1016-1	5.788	4.873	31259240	402.7E6	528.688	544.036
4)	L1 AR-1016-2	5.810	4.931	46780654	184.2E6	528.929	538.833
5)	L1 AR-1016-3	5.872	5.050	28915469	105.8E6	522.402	515.005
6)	L1 AR-1016-4	5.969	5.091	23907062	107.1E6	526.121	573.132
7)	L1 AR-1016-5	6.261	5.305	22662219	121.9E6	522.104	534.550
31)	L7 AR-1260-1	7.378	6.331	38499313	315.6E6	559.936	576.196
32)	L7 AR-1260-2	7.632	6.518	47493995	471.7E6	530.201	579.617
33)	L7 AR-1260-3	7.990	6.671	38080837	325.9E6	549.614	579.029
34)	L7 AR-1260-4	8.217	7.140	39431911	312.9E6	575.049	602.530
35)	L7 AR-1260-5	8.542	7.380	79543880	772.6E6	537.634	569.964

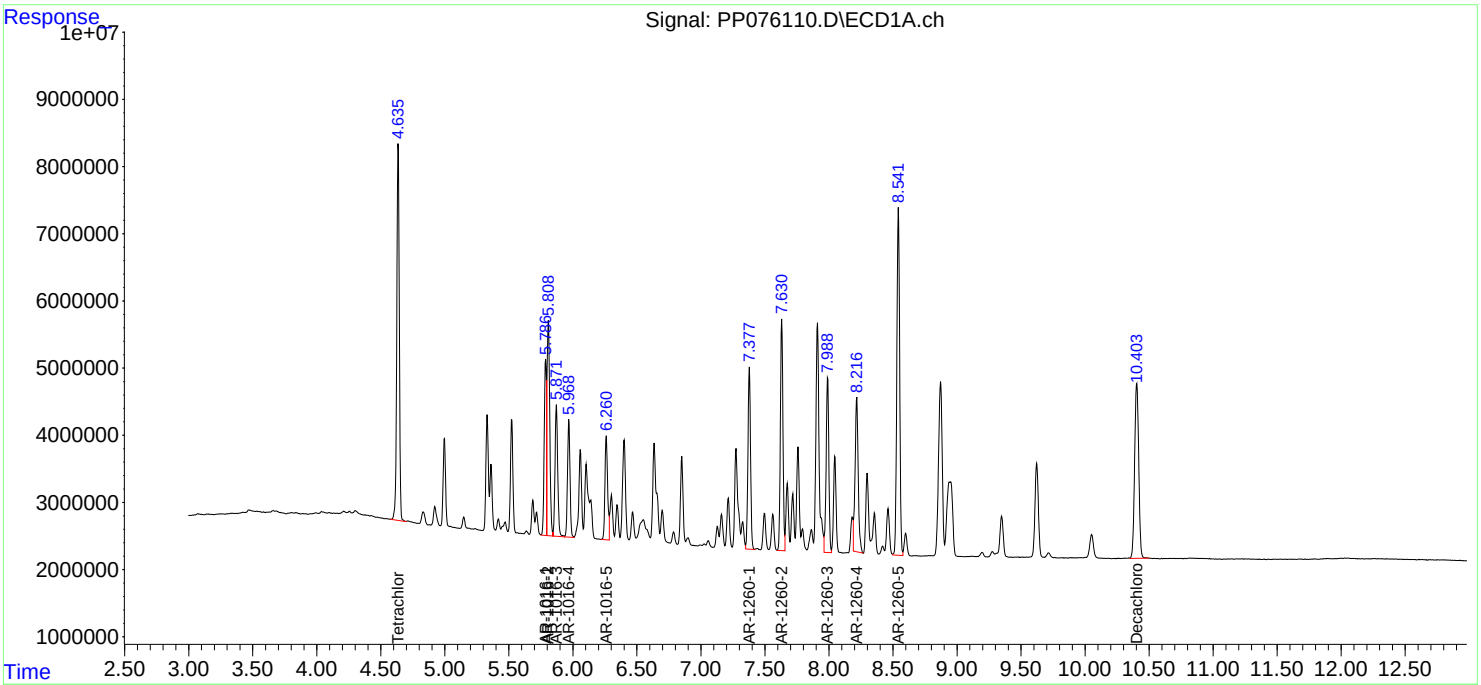
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

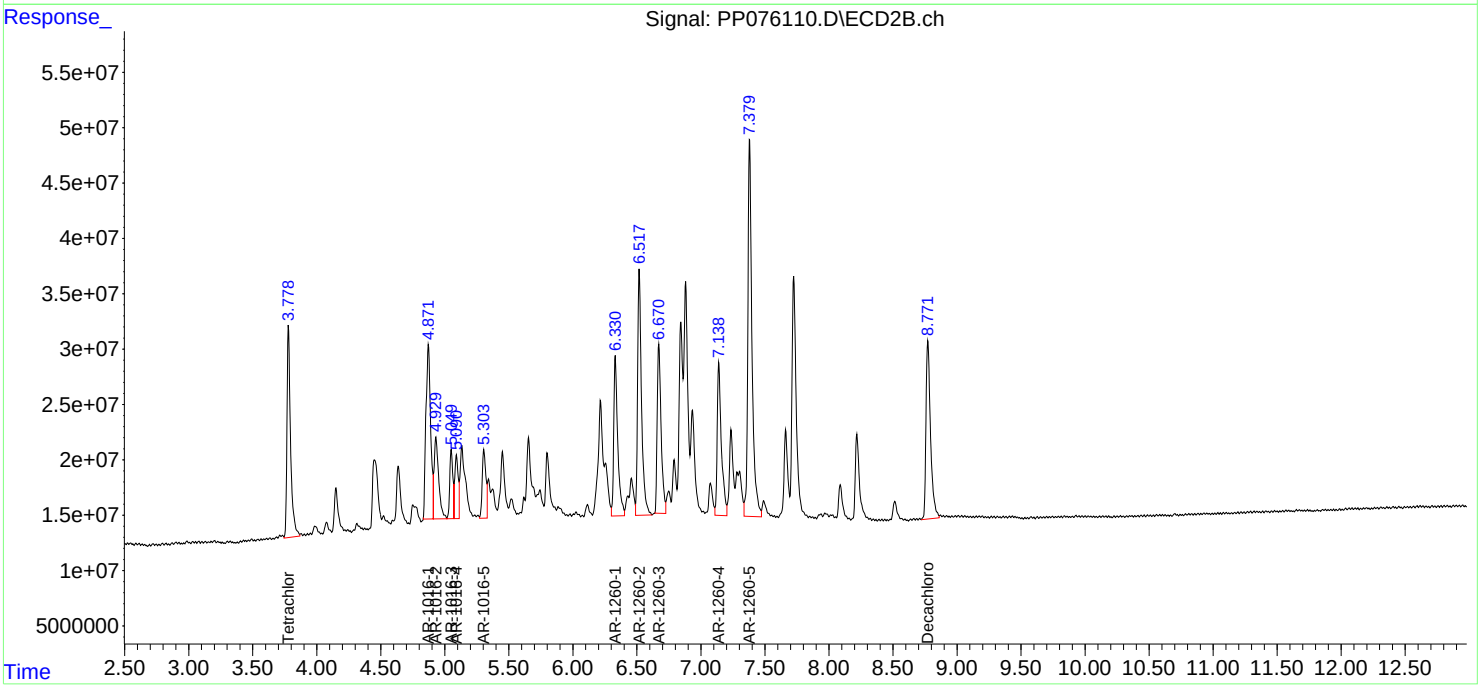
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076110.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 09:22
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

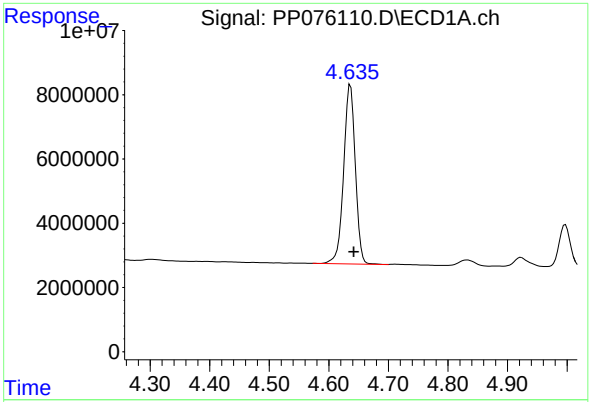
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:50:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



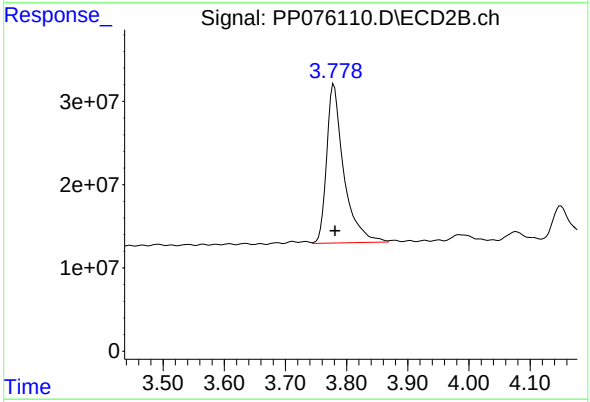




#1 Tetrachloro-m-xylene

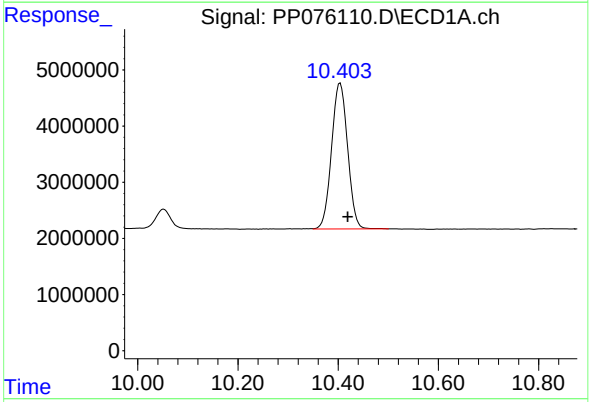
R.T.: 4.636 min
Delta R.T.: -0.006 min
Response: 76083626
Conc: 53.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



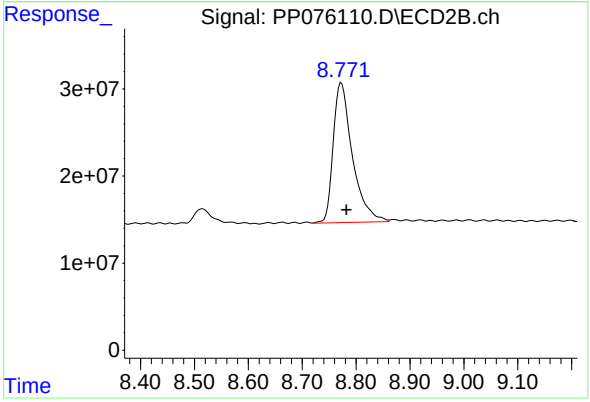
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.002 min
Response: 371180906
Conc: 56.08 ng/ml



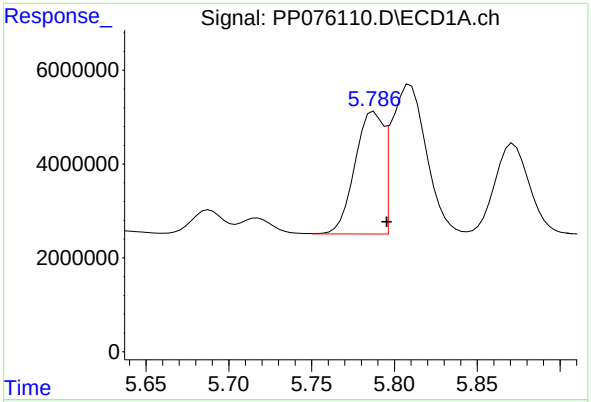
#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.015 min
Response: 57588209
Conc: 53.49 ng/ml



#2 Decachlorobiphenyl

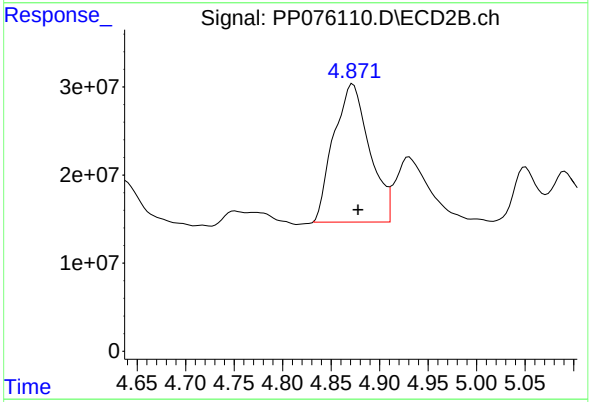
R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 397073628
Conc: 48.29 ng/ml



#3 AR-1016-1

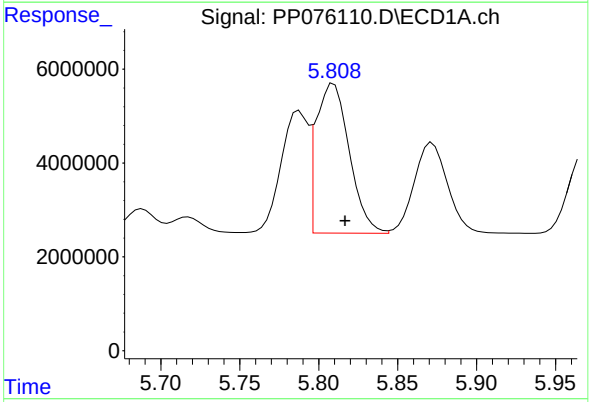
R.T.: 5.788 min
Delta R.T.: -0.008 min
Response: 31259240
Conc: 528.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



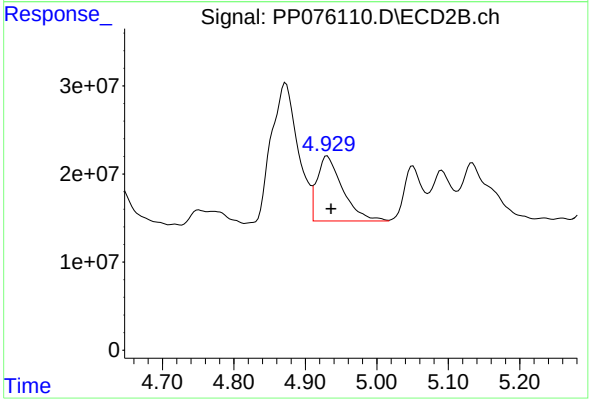
#3 AR-1016-1

R.T.: 4.873 min
Delta R.T.: -0.005 min
Response: 402679884
Conc: 544.04 ng/ml



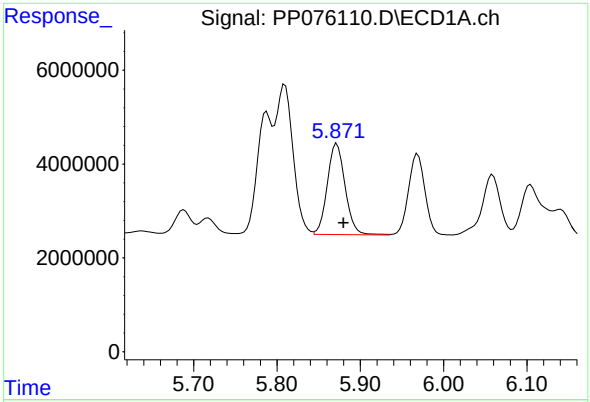
#4 AR-1016-2

R.T.: 5.810 min
Delta R.T.: -0.007 min
Response: 46780654
Conc: 528.93 ng/ml



#4 AR-1016-2

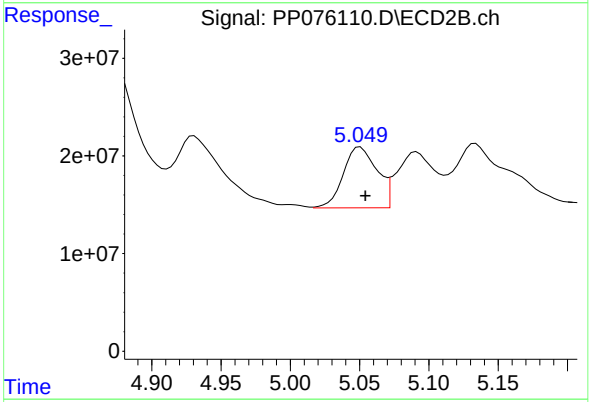
R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 184244285
Conc: 538.83 ng/ml



#5 AR-1016-3

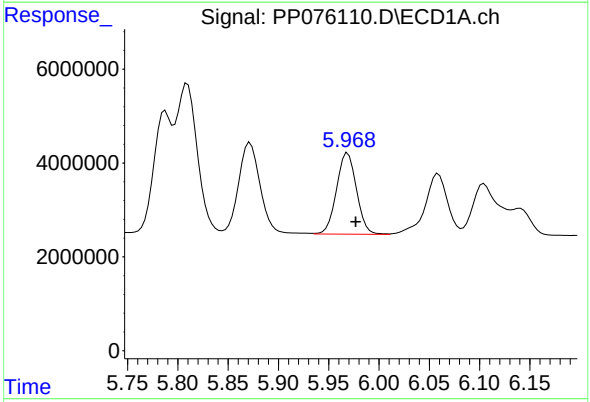
R.T.: 5.872 min
Delta R.T.: -0.008 min
Response: 28915469
Conc: 522.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



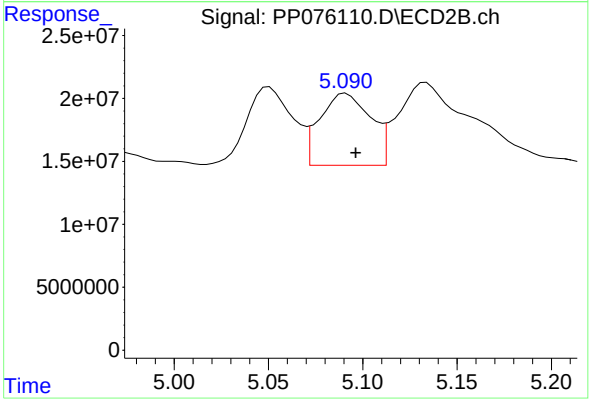
#5 AR-1016-3

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 105752353
Conc: 515.00 ng/ml



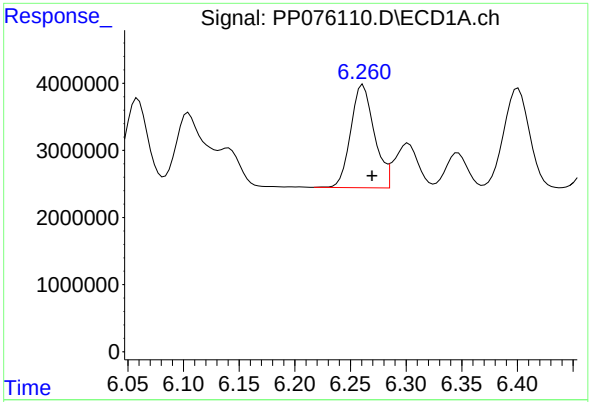
#6 AR-1016-4

R.T.: 5.969 min
Delta R.T.: -0.008 min
Response: 23907062
Conc: 526.12 ng/ml



#6 AR-1016-4

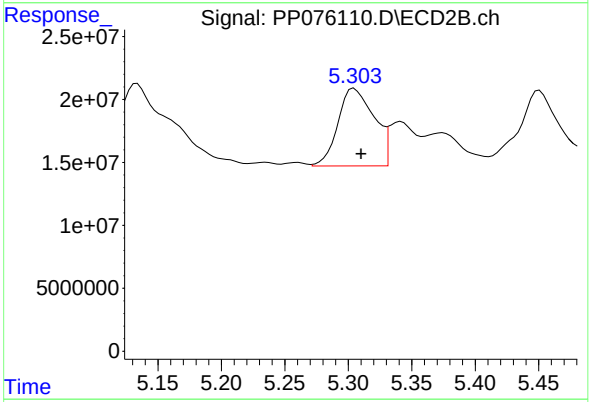
R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 107110046
Conc: 573.13 ng/ml



#7 AR-1016-5

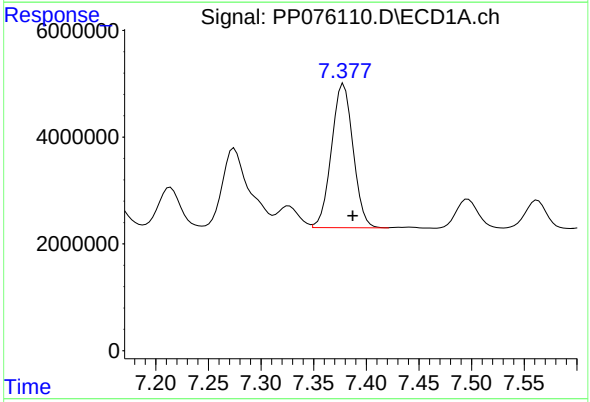
R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 22662219
Conc: 522.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



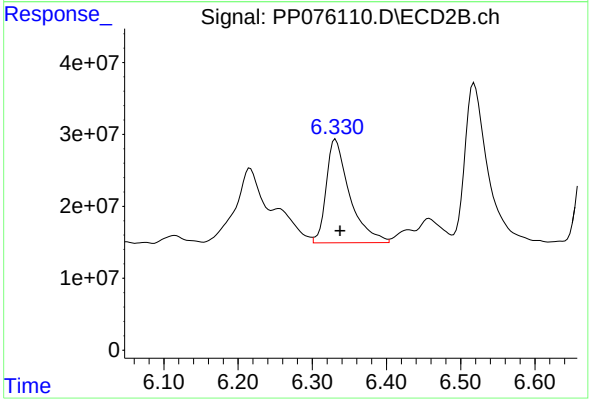
#7 AR-1016-5

R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 121868185
Conc: 534.55 ng/ml



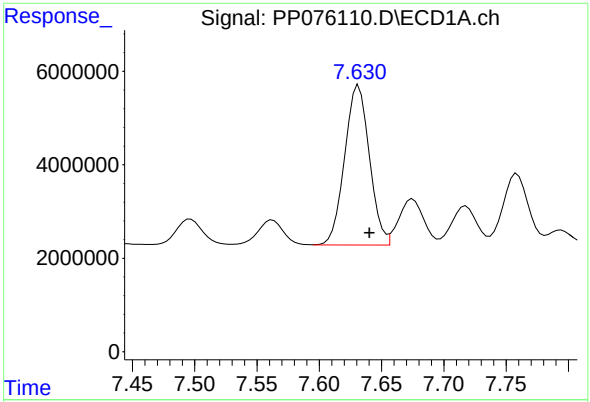
#31 AR-1260-1

R.T.: 7.378 min
Delta R.T.: -0.009 min
Response: 38499313
Conc: 559.94 ng/ml



#31 AR-1260-1

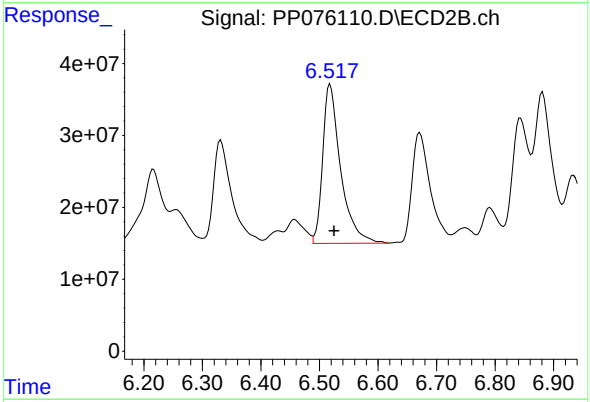
R.T.: 6.331 min
Delta R.T.: -0.006 min
Response: 315579856
Conc: 576.20 ng/ml



#32 AR-1260-2

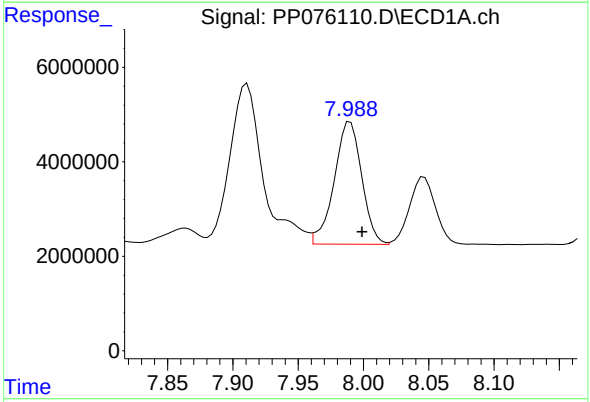
R.T.: 7.632 min
Delta R.T.: -0.009 min
Response: 47493995
Conc: 530.20 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



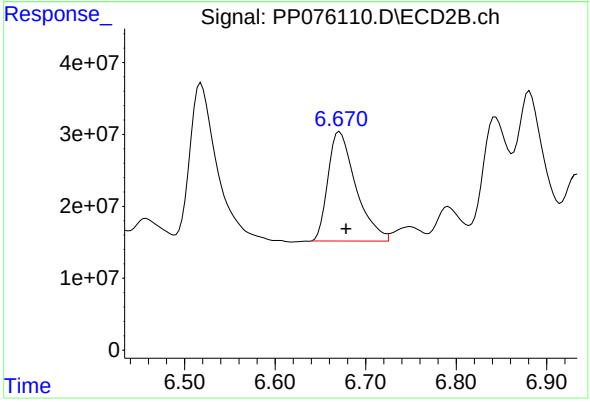
#32 AR-1260-2

R.T.: 6.518 min
Delta R.T.: -0.006 min
Response: 471654092
Conc: 579.62 ng/ml



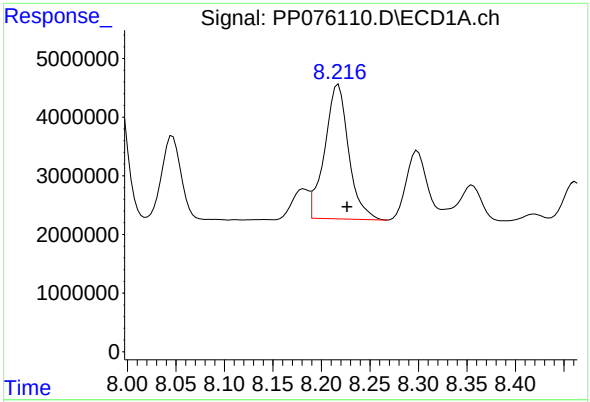
#33 AR-1260-3

R.T.: 7.990 min
Delta R.T.: -0.009 min
Response: 38080837
Conc: 549.61 ng/ml



#33 AR-1260-3

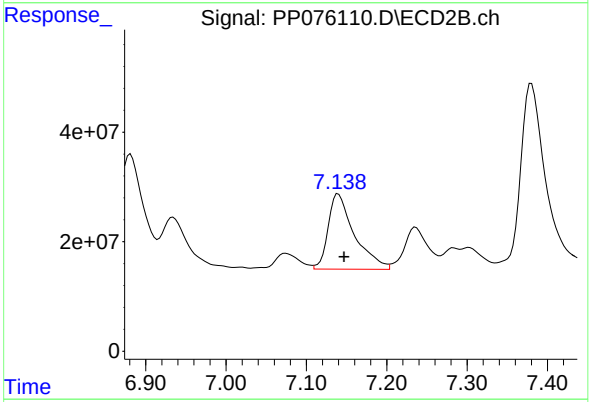
R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 325852604
Conc: 579.03 ng/ml



#34 AR-1260-4

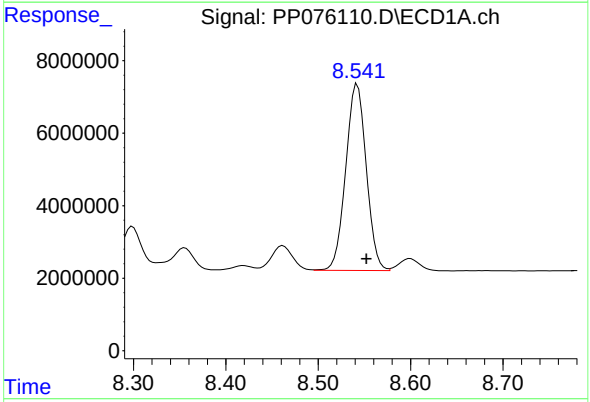
R.T.: 8.217 min
Delta R.T.: -0.009 min
Response: 39431911
Conc: 575.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



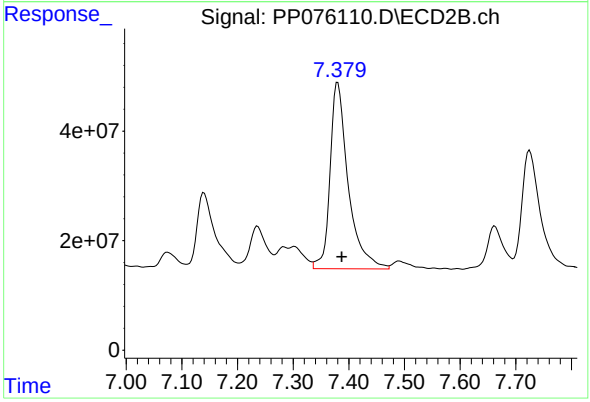
#34 AR-1260-4

R.T.: 7.140 min
Delta R.T.: -0.007 min
Response: 312912711
Conc: 602.53 ng/ml



#35 AR-1260-5

R.T.: 8.542 min
Delta R.T.: -0.010 min
Response: 79543880
Conc: 537.63 ng/ml



#35 AR-1260-5

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 772617882
Conc: 569.96 ng/ml

Raw Data: **PP076126.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	RT WINDOW TO	DIFF RT
Aroclor-1016-1	(1)	5.79	5.80	5.70	5.90	0.01
Aroclor-1016-2	(2)	5.81	5.82	5.72	5.92	0.01
Aroclor-1016-3	(3)	5.87	5.88	5.78	5.98	0.01
Aroclor-1016-4	(4)	5.97	5.98	5.88	6.08	0.01
Aroclor-1016-5	(5)	6.26	6.27	6.17	6.37	0.01
Aroclor-1260-1	(1)	7.38	7.39	7.29	7.49	0.01
Aroclor-1260-2	(2)	7.63	7.64	7.54	7.74	0.01
Aroclor-1260-3	(3)	7.99	8.00	7.90	8.10	0.01
Aroclor-1260-4	(4)	8.22	8.23	8.13	8.33	0.01
Aroclor-1260-5	(5)	8.54	8.55	8.45	8.65	0.01
Tetrachloro-m-xylene		4.64	4.64	4.54	4.74	0.00
Decachlorobiphenyl		10.41	10.42	10.32	10.52	0.01

Raw Data: **PP076126.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/28/2025 **Initial Calibration Date(s):** 10/21/2025 10/21/2025

Continuing Calib Time: 14:35 **Initial Calibration Time(s):** 09:06 17:01

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.87	4.88	4.78	4.98	0.01
Aroclor-1016-2	(2)	4.93	4.94	4.84	5.04	0.01
Aroclor-1016-3	(3)	5.05	5.05	4.95	5.15	0.00
Aroclor-1016-4	(4)	5.09	5.10	5.00	5.20	0.01
Aroclor-1016-5	(5)	5.31	5.31	5.21	5.41	0.01
Aroclor-1260-1	(1)	6.33	6.34	6.24	6.44	0.01
Aroclor-1260-2	(2)	6.52	6.53	6.43	6.63	0.01
Aroclor-1260-3	(3)	6.67	6.68	6.58	6.78	0.01
Aroclor-1260-4	(4)	7.14	7.15	7.05	7.25	0.01
Aroclor-1260-5	(5)	7.38	7.39	7.29	7.49	0.01
Tetrachloro-m-xylene		3.78	3.78	3.68	3.88	0.00
Decachlorobiphenyl		8.77	8.78	8.68	8.88	0.01

Alliance TECHNICAL GROUP

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076126.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	5.790	5.695	5.895	515.540	500.000	3.1
Aroclor-1016-2	5.811	5.717	5.917	514.030	500.000	2.8
Aroclor-1016-3	5.874	5.780	5.980	515.830	500.000	3.2
Aroclor-1016-4	5.971	5.877	6.077	517.190	500.000	3.4
Aroclor-1016-5	6.263	6.169	6.369	506.700	500.000	1.3
Aroclor-1260-1	7.381	7.287	7.487	549.360	500.000	9.9
Aroclor-1260-2	7.633	7.540	7.740	521.250	500.000	4.3
Aroclor-1260-3	7.992	7.899	8.099	543.700	500.000	8.7
Aroclor-1260-4	8.219	8.127	8.327	558.900	500.000	11.8
Aroclor-1260-5	8.544	8.452	8.652	522.930	500.000	4.6
Decachlorobiphenyl	10.407	10.319	10.519	51.990	50.000	4.0
Tetrachloro-m-xylene	4.639	4.542	4.742	51.490	50.000	3.0

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/21/2025 10/21/2025

Client Sample No.: CCAL05 **Date Analyzed:** 10/28/2025

Lab Sample No.: AR1660CCC500 **Data File :** PP076126.D **Time Analyzed:** 14:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.871	4.778	4.978	546.360	500.000	9.3
Aroclor-1016-2	4.931	4.836	5.036	529.640	500.000	5.9
Aroclor-1016-3	5.050	4.954	5.154	509.890	500.000	2.0
Aroclor-1016-4	5.091	4.996	5.196	562.330	500.000	12.5
Aroclor-1016-5	5.305	5.210	5.410	515.240	500.000	3.0
Aroclor-1260-1	6.332	6.238	6.438	546.780	500.000	9.4
Aroclor-1260-2	6.519	6.425	6.625	556.220	500.000	11.2
Aroclor-1260-3	6.672	6.578	6.778	542.250	500.000	8.5
Aroclor-1260-4	7.140	7.047	7.247	548.730	500.000	9.7
Aroclor-1260-5	7.381	7.287	7.487	540.840	500.000	8.2
Decachlorobiphenyl	8.774	8.682	8.882	46.520	50.000	-7.0
Tetrachloro-m-xylene	3.779	3.681	3.881	56.460	50.000	12.9

Sample Results: **PP076126.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:39:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.639	3.779	73579892	373.7E6	51.487	56.459
2)	SA Decachlor...	10.407	8.774	55972924	382.5E6	51.994	46.517
	Target Compounds						
3)	L1 AR-1016-1	5.790	4.871	30481740	404.4E6	515.538	546.356m
4)	L1 AR-1016-2	5.811	4.931	45463224	181.1E6	514.033	529.644
5)	L1 AR-1016-3	5.874	5.050	28551734	104.7E6	515.830	509.893
6)	L1 AR-1016-4	5.971	5.091	23501379	105.1E6	517.194	562.333
7)	L1 AR-1016-5	6.263	5.305	21993764	117.5E6	506.704	515.243
31)	L7 AR-1260-1	7.381	6.332	37772229	299.5E6	549.361	546.780
32)	L7 AR-1260-2	7.633	6.519	46692308	452.6E6	521.252	556.218
33)	L7 AR-1260-3	7.992	6.672	37670806	305.2E6	543.696	542.252
34)	L7 AR-1260-4	8.219	7.140	38324466	285.0E6	558.899	548.726
35)	L7 AR-1260-5	8.544	7.381	77367997	733.1E6	522.928	540.835

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076126.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 14:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

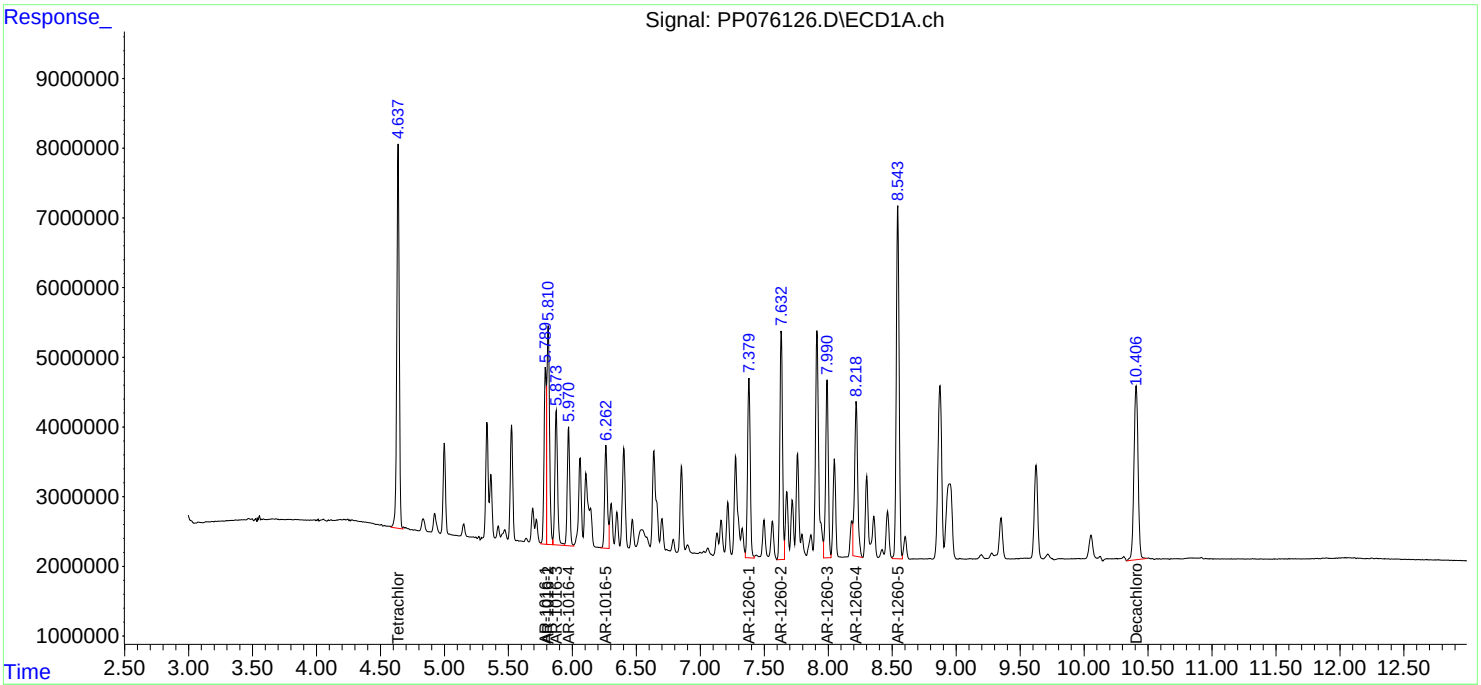
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:39:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

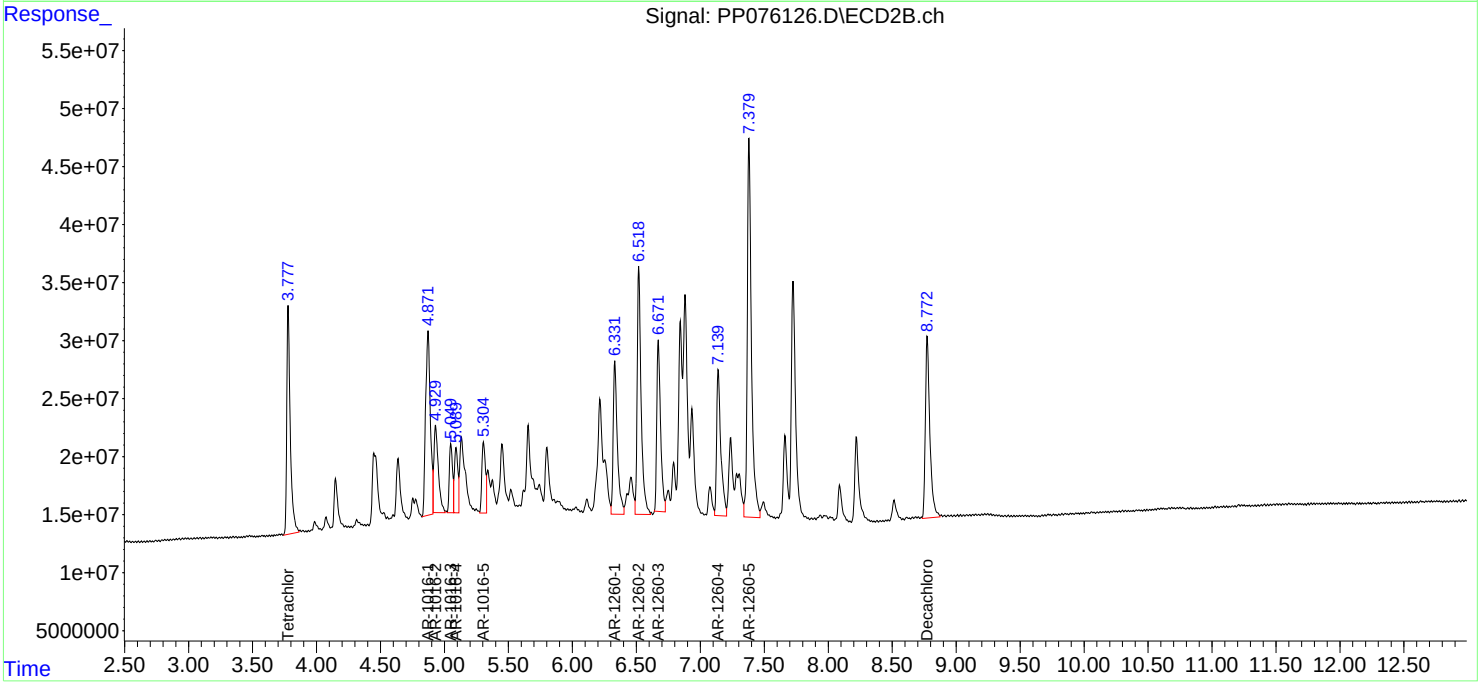
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

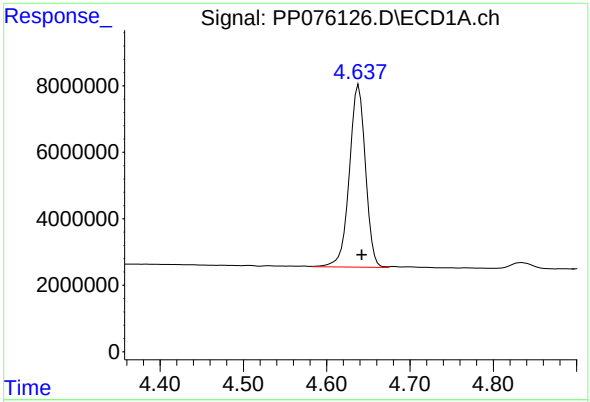
Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

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







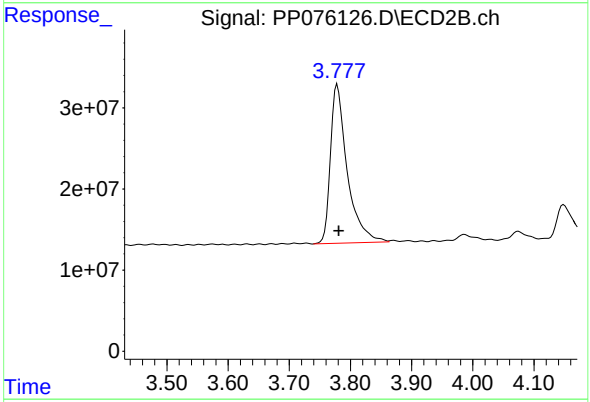
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 73579892
Conc: 51.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

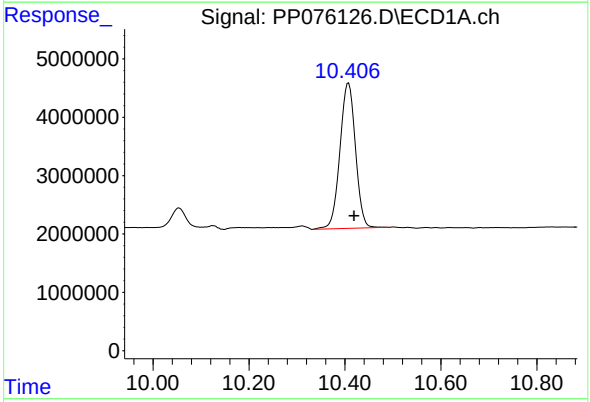
Manual Integrations APPROVED

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



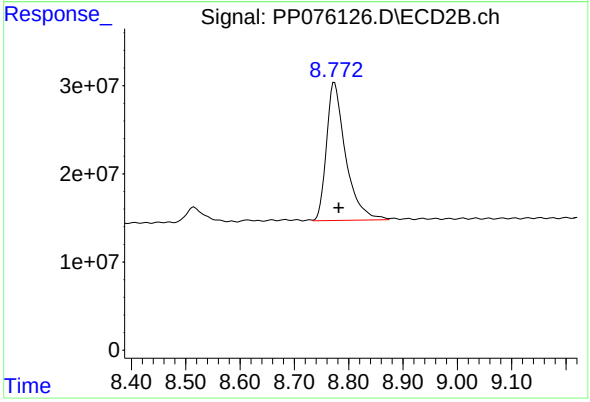
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 373664619
Conc: 56.46 ng/ml



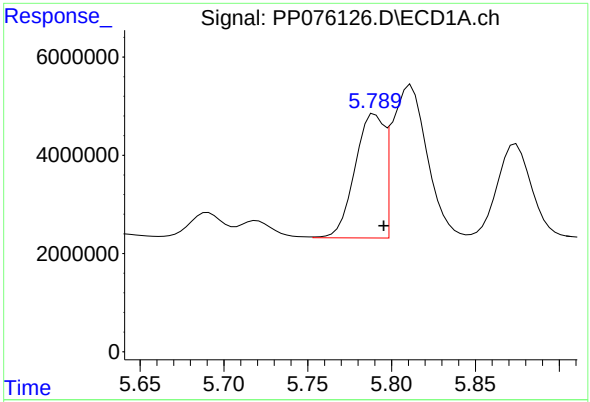
#2 Decachlorobiphenyl

R.T.: 10.407 min
Delta R.T.: -0.011 min
Response: 55972924
Conc: 51.99 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 382511394
Conc: 46.52 ng/ml



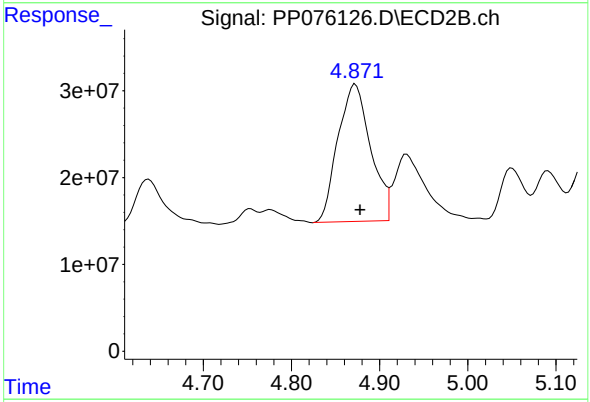
#3 AR-1016-1

R.T.: 5.790 min
Delta R.T.: -0.005 min
Response: 30481740
Conc: 515.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

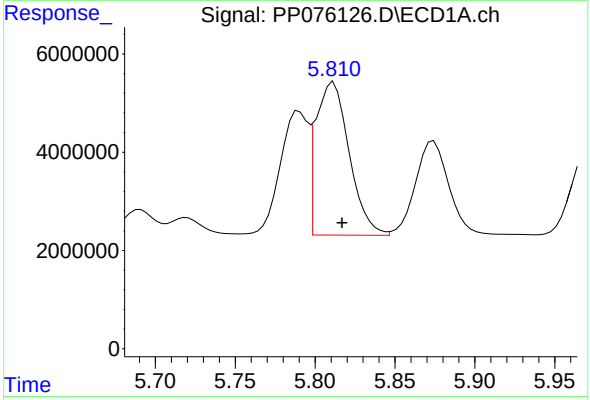
Manual Integrations APPROVED

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



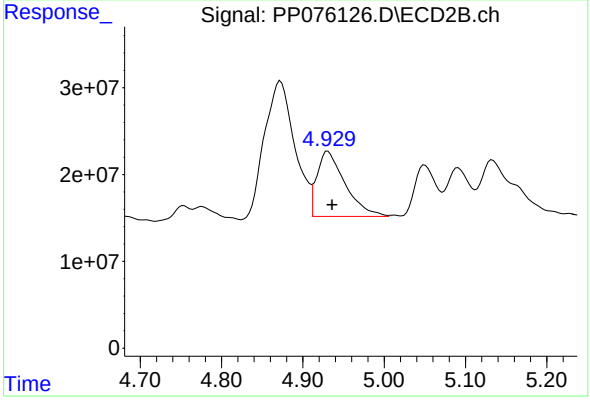
#3 AR-1016-1

R.T.: 4.871 min
Delta R.T.: -0.007 min
Response: 404397303
Conc: 546.36 ng/ml m



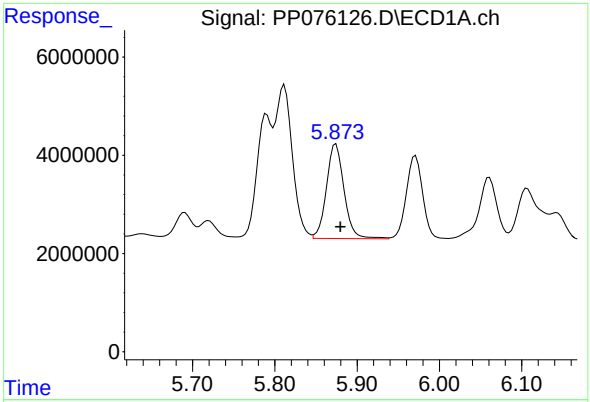
#4 AR-1016-2

R.T.: 5.811 min
Delta R.T.: -0.005 min
Response: 45463224
Conc: 514.03 ng/ml



#4 AR-1016-2

R.T.: 4.931 min
Delta R.T.: -0.005 min
Response: 181102588
Conc: 529.64 ng/ml



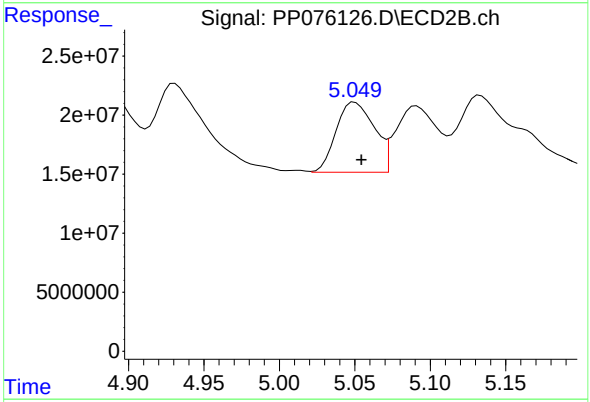
#5 AR-1016-3

R.T.: 5.874 min
Delta R.T.: -0.005 min
Response: 28551734
Conc: 515.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

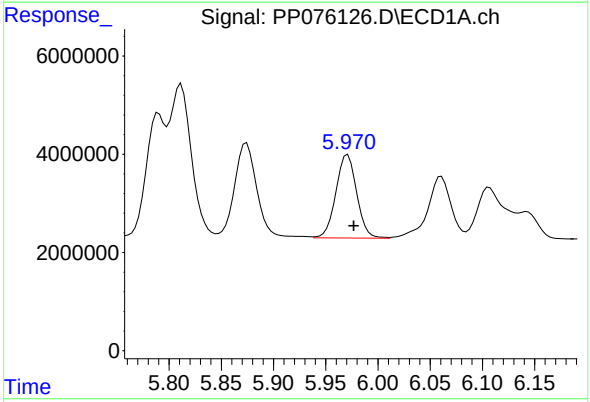
Manual Integrations APPROVED

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



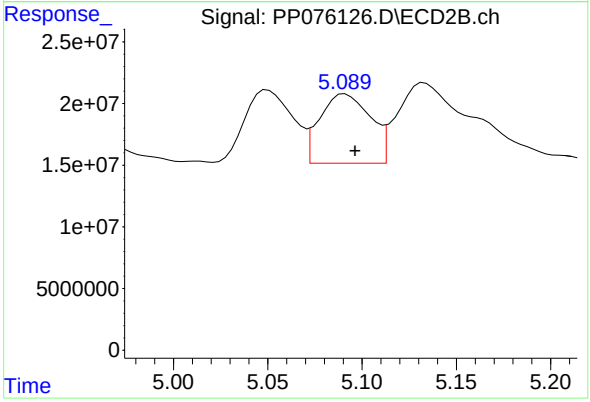
#5 AR-1016-3

R.T.: 5.050 min
Delta R.T.: -0.004 min
Response: 104702684
Conc: 509.89 ng/ml



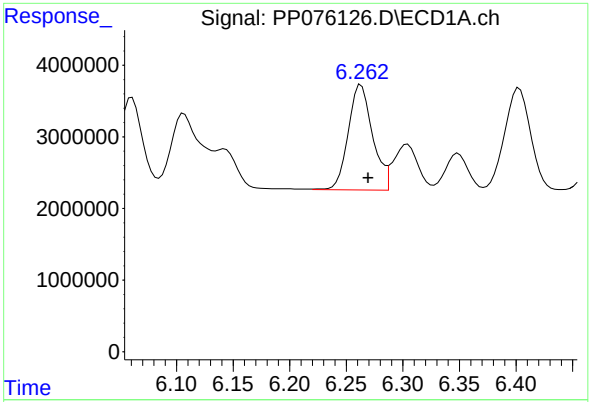
#6 AR-1016-4

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 23501379
Conc: 517.19 ng/ml



#6 AR-1016-4

R.T.: 5.091 min
Delta R.T.: -0.005 min
Response: 105091979
Conc: 562.33 ng/ml



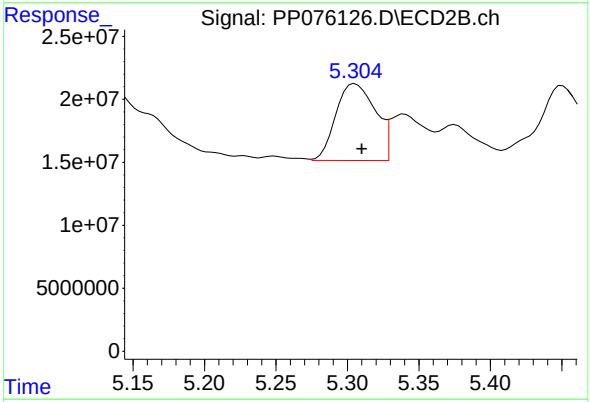
#7 AR-1016-5

R.T.: 6.263 min
Delta R.T.: -0.006 min
Response: 21993764
Conc: 506.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

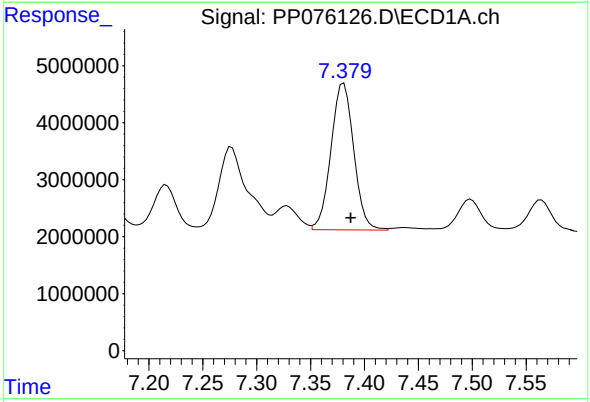
Manual Integrations APPROVED

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



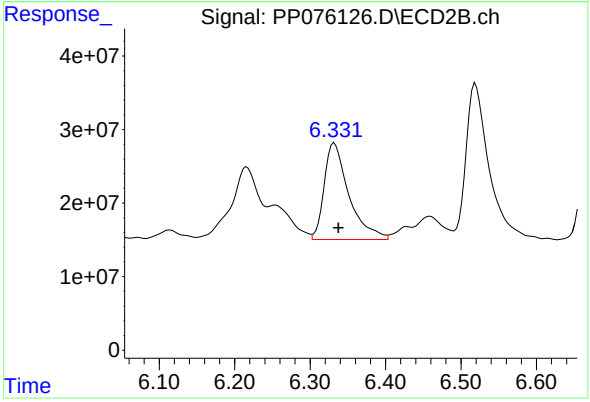
#7 AR-1016-5

R.T.: 5.305 min
Delta R.T.: -0.005 min
Response: 117466606
Conc: 515.24 ng/ml



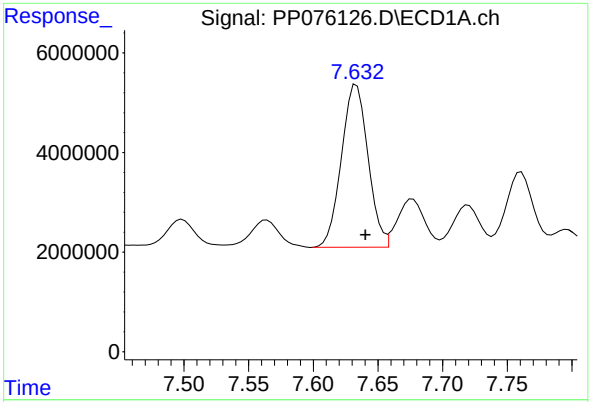
#31 AR-1260-1

R.T.: 7.381 min
Delta R.T.: -0.006 min
Response: 37772229
Conc: 549.36 ng/ml



#31 AR-1260-1

R.T.: 6.332 min
Delta R.T.: -0.005 min
Response: 299468860
Conc: 546.78 ng/ml



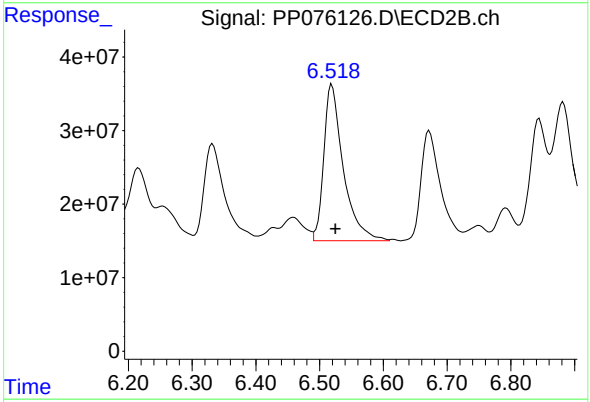
#32 AR-1260-2

R.T.: 7.633 min
Delta R.T.: -0.007 min
Response: 46692308
Conc: 521.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

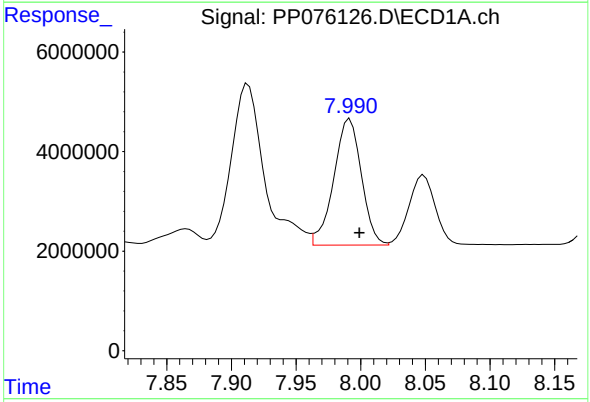
Manual Integrations APPROVED

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



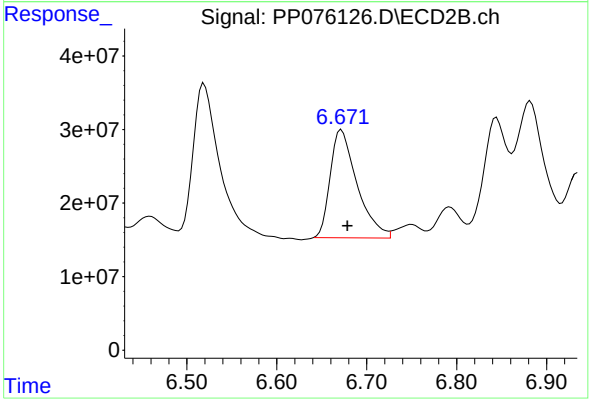
#32 AR-1260-2

R.T.: 6.519 min
Delta R.T.: -0.005 min
Response: 452612885
Conc: 556.22 ng/ml



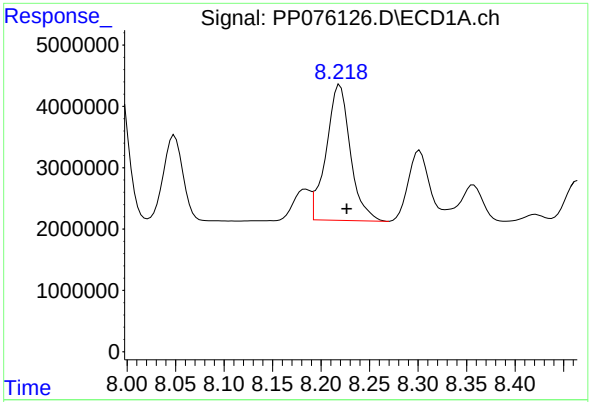
#33 AR-1260-3

R.T.: 7.992 min
Delta R.T.: -0.008 min
Response: 37670806
Conc: 543.70 ng/ml



#33 AR-1260-3

R.T.: 6.672 min
Delta R.T.: -0.006 min
Response: 305155862
Conc: 542.25 ng/ml



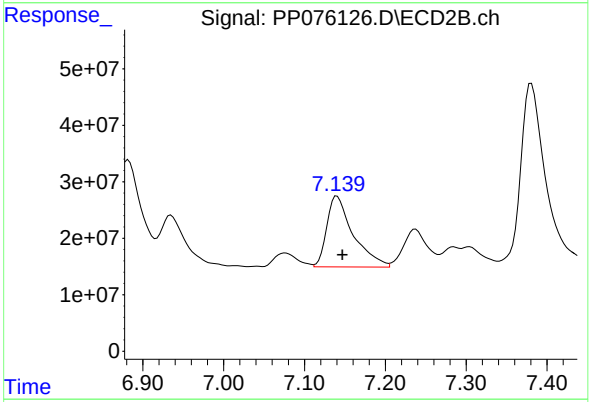
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.007 min
Response: 38324466
Conc: 558.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

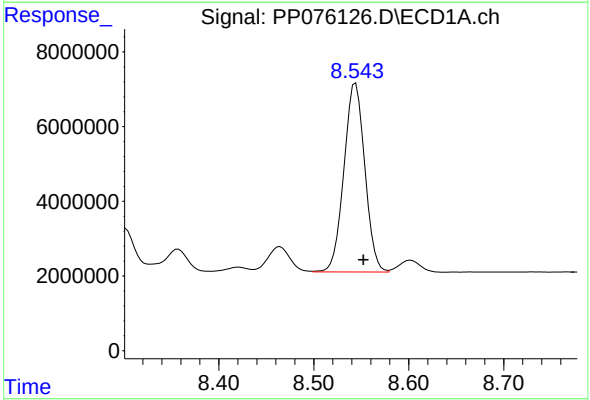
Manual Integrations APPROVED

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



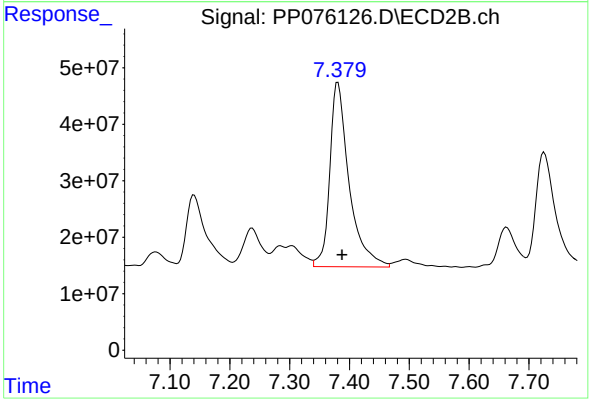
#34 AR-1260-4

R.T.: 7.140 min
Delta R.T.: -0.006 min
Response: 284970723
Conc: 548.73 ng/ml



#35 AR-1260-5

R.T.: 8.544 min
Delta R.T.: -0.008 min
Response: 77367997
Conc: 522.93 ng/ml



#35 AR-1260-5

R.T.: 7.381 min
Delta R.T.: -0.007 min
Response: 733131650
Conc: 540.84 ng/ml

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.00
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.28	6.28	6.18	6.38	0.00
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.00
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.00

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 08:57 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.19	4.20	4.10	4.30	0.01
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.22	6.12	6.32	0.00
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071149.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.480	4.380	4.580	582.660	500.000	16.5
Aroclor-1016-2	4.499	4.399	4.599	562.340	500.000	12.5
Aroclor-1016-3	4.556	4.456	4.656	584.520	500.000	16.9
Aroclor-1016-4	4.646	4.546	4.746	585.390	500.000	17.1
Aroclor-1016-5	4.931	4.831	5.031	576.280	500.000	15.3
Aroclor-1260-1	6.020	5.919	6.119	558.050	500.000	11.6
Aroclor-1260-2	6.276	6.175	6.375	557.500	500.000	11.5
Aroclor-1260-3	6.626	6.526	6.726	583.750	500.000	16.8
Aroclor-1260-4	6.841	6.740	6.940	592.250	500.000	18.5
Aroclor-1260-5	7.146	7.045	7.245	579.210	500.000	15.8
Decachlorobiphenyl	8.497	8.396	8.596	59.340	50.000	18.7
Tetrachloro-m-xylene	3.400	3.300	3.500	57.140	50.000	14.3

Raw Data: **PQ071149.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL06 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071149.D **Time Analyzed:** 08:57

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.776	3.678	3.878	461.700	500.000	-7.7
Aroclor-1016-2	3.791	3.693	3.893	465.260	500.000	-6.9
Aroclor-1016-3	3.951	3.853	4.053	480.210	500.000	-4.0
Aroclor-1016-4	4.000	3.902	4.102	488.300	500.000	-2.3
Aroclor-1016-5	4.194	4.097	4.297	480.390	500.000	-3.9
Aroclor-1260-1	5.187	5.089	5.289	477.270	500.000	-4.5
Aroclor-1260-2	5.376	5.278	5.478	476.660	500.000	-4.7
Aroclor-1260-3	5.517	5.419	5.619	480.230	500.000	-4.0
Aroclor-1260-4	5.977	5.879	6.079	481.030	500.000	-3.8
Aroclor-1260-5	6.222	6.124	6.324	480.940	500.000	-3.8
Decachlorobiphenyl	7.531	7.433	7.633	56.210	50.000	12.4
Tetrachloro-m-xylene	2.776	2.678	2.878	49.690	50.000	-0.6

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.776	248.6E6	252.4E6	57.145	49.691
2)	SA Decachlor...	8.497	7.531	172.3E6	283.8E6	59.344	56.205
	Target Compounds						
3)	L1 AR-1016-1	4.480	3.776	95639952	103.4E6	582.659	461.704
4)	L1 AR-1016-2	4.499	3.791	144.1E6	158.2E6	562.335	465.258
5)	L1 AR-1016-3	4.556	3.951	93008322	87331257	584.523	480.214
6)	L1 AR-1016-4	4.646	4.000	76059348	76865356	585.390	488.305
7)	L1 AR-1016-5	4.931	4.194	74226869	92158770	576.283	480.389
31)	L7 AR-1260-1	6.020	5.187	130.8E6	172.0E6	558.047	477.273
32)	L7 AR-1260-2	6.276	5.376	154.2E6	209.7E6	557.496	476.659
33)	L7 AR-1260-3	6.626	5.517	116.3E6	199.3E6	583.746	480.230
34)	L7 AR-1260-4	6.841	5.977	127.3E6	173.1E6	592.247	481.031
35)	L7 AR-1260-5	7.146	6.222	251.2E6	404.1E6	579.210	480.935

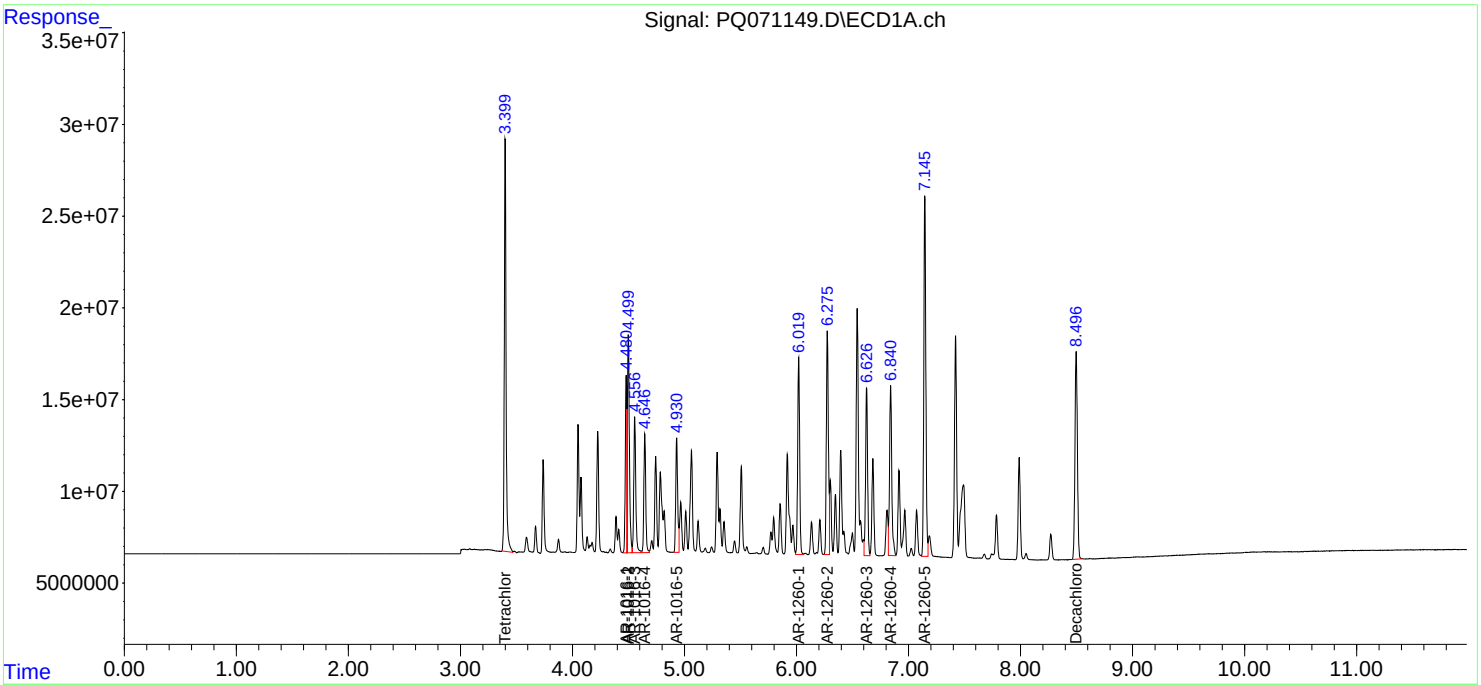
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

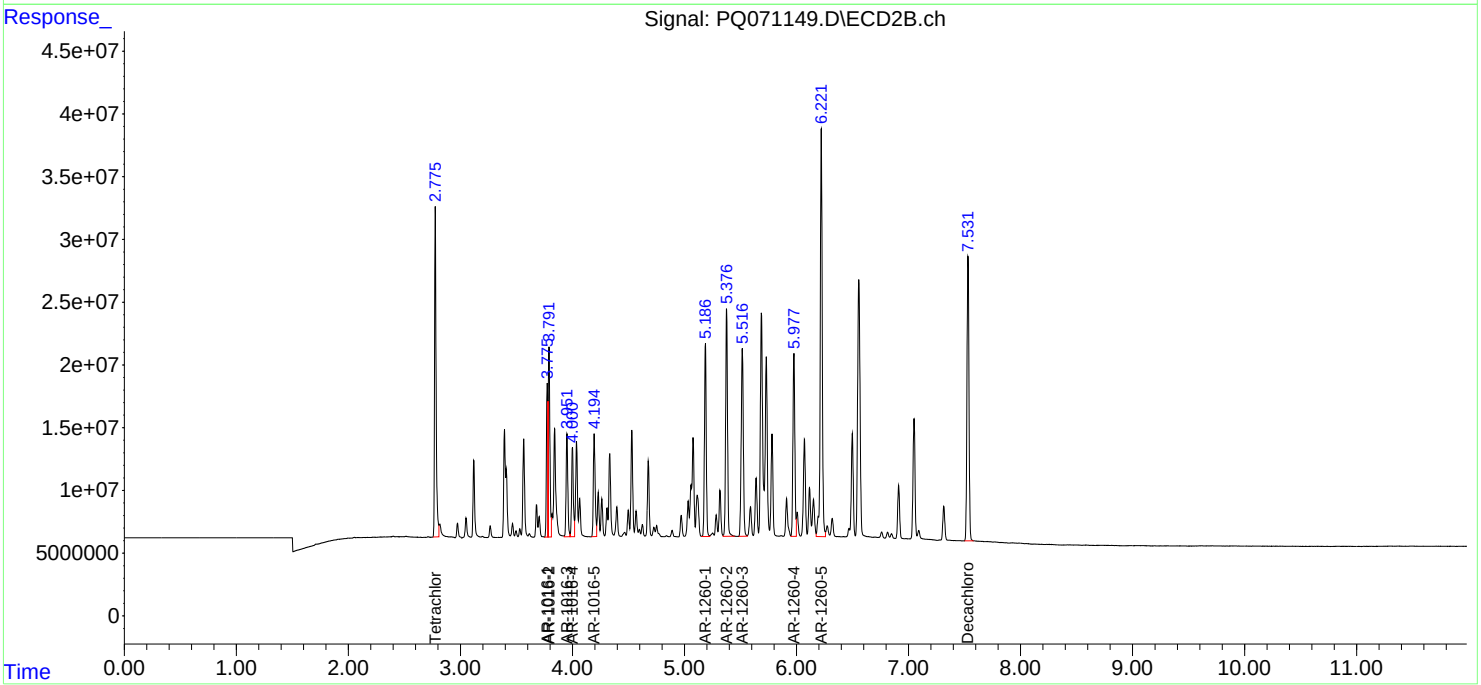
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071149.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 08:57
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

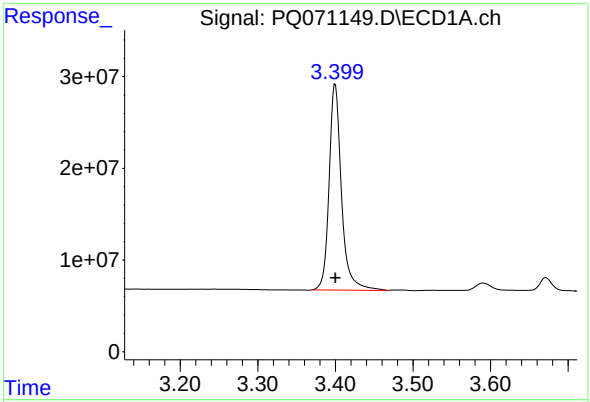
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:27:45 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



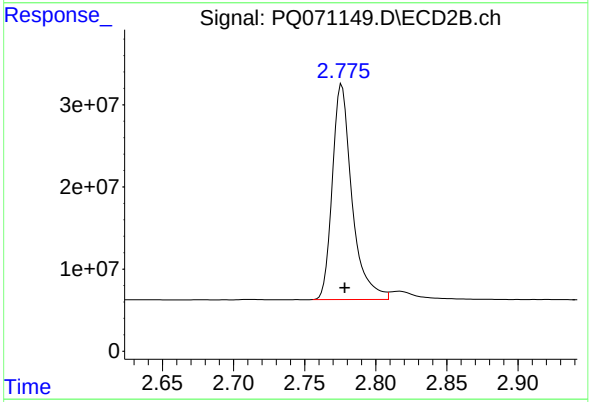




#1 Tetrachloro-m-xylene

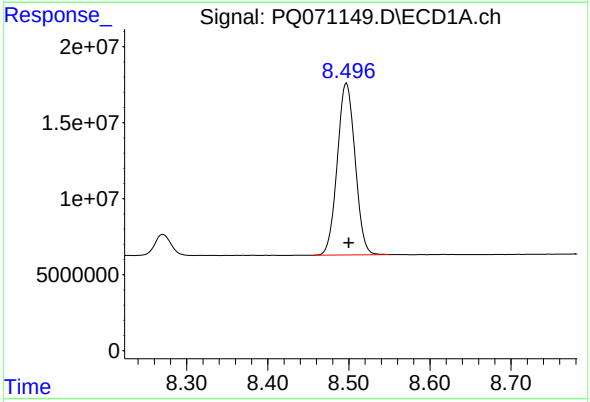
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 248596384
Conc: 57.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



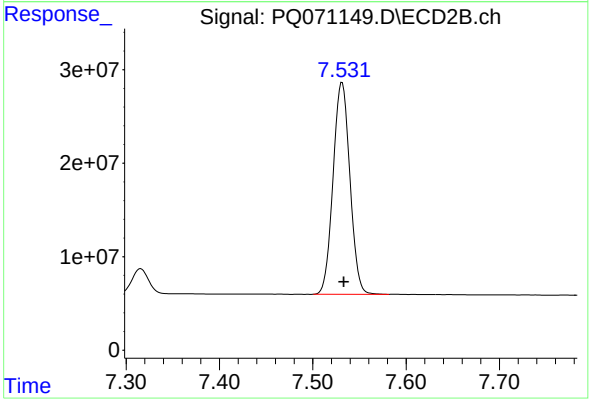
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 252430192
Conc: 49.69 ng/ml



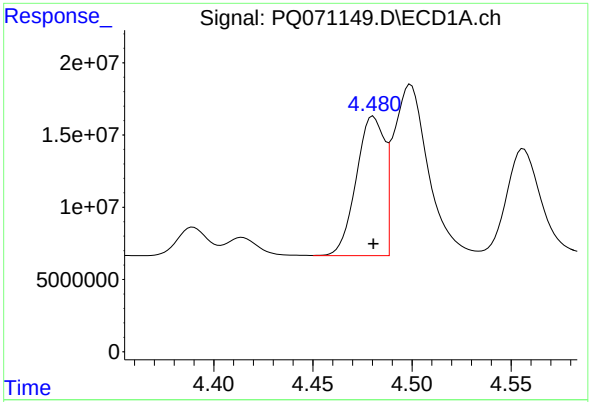
#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 172334791
Conc: 59.34 ng/ml



#2 Decachlorobiphenyl

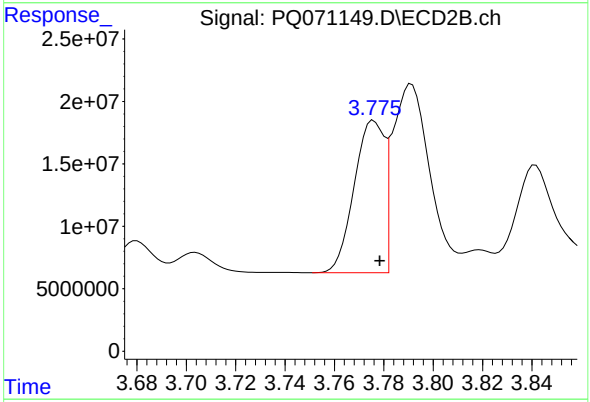
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 283812510
Conc: 56.21 ng/ml



#3 AR-1016-1

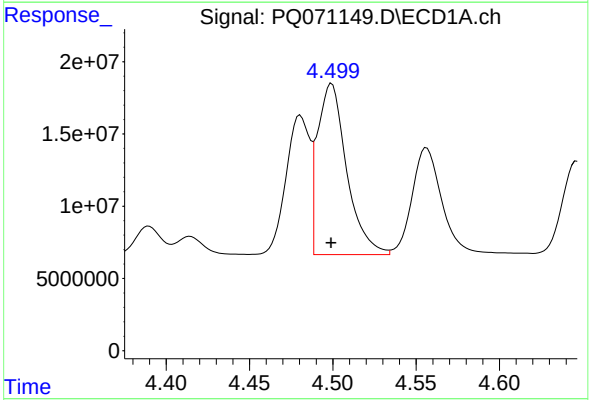
R.T.: 4.480 min
Delta R.T.: 0.000 min
Response: 95639952
Conc: 582.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



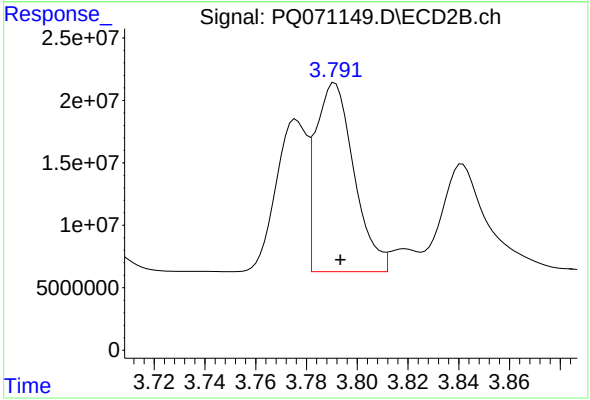
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 103422635
Conc: 461.70 ng/ml



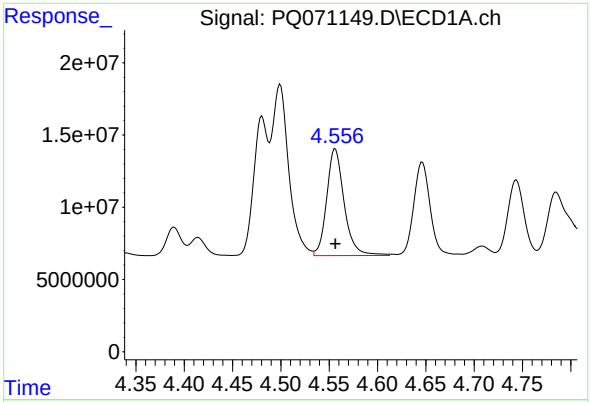
#4 AR-1016-2

R.T.: 4.499 min
Delta R.T.: 0.000 min
Response: 144123373
Conc: 562.34 ng/ml



#4 AR-1016-2

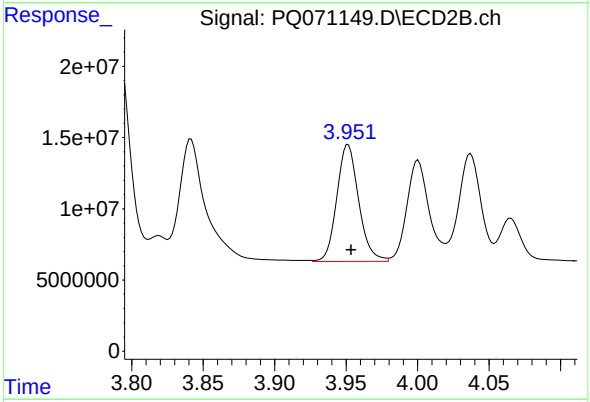
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 158244896
Conc: 465.26 ng/ml



#5 AR-1016-3

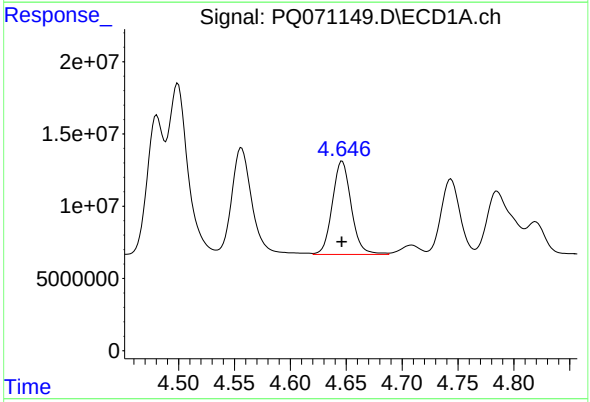
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 93008322
Conc: 584.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



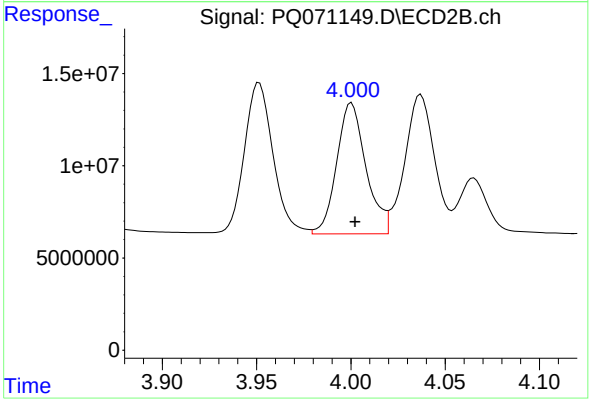
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 87331257
Conc: 480.21 ng/ml



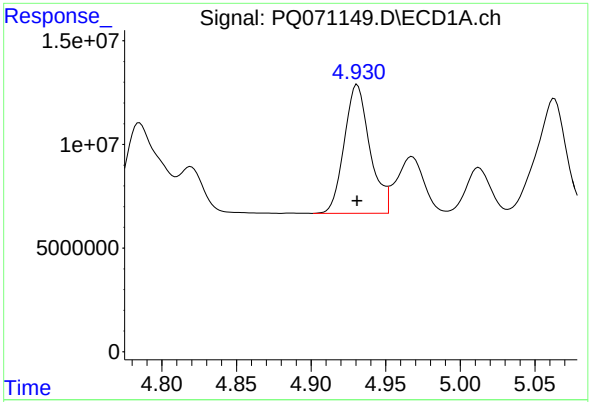
#6 AR-1016-4

R.T.: 4.646 min
Delta R.T.: 0.000 min
Response: 76059348
Conc: 585.39 ng/ml



#6 AR-1016-4

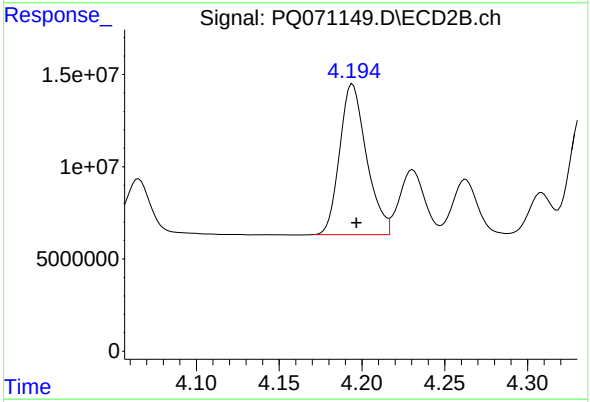
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 76865356
Conc: 488.30 ng/ml



#7 AR-1016-5

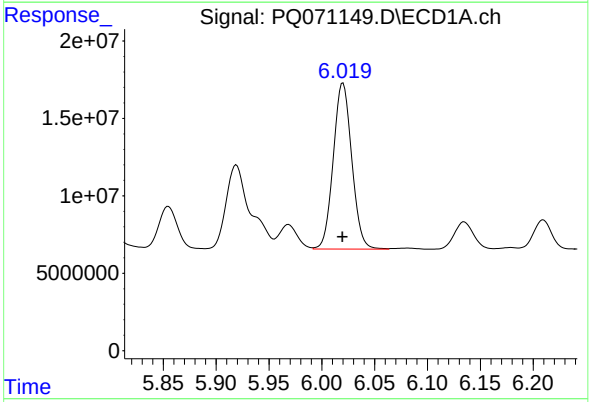
R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 74226869
Conc: 576.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



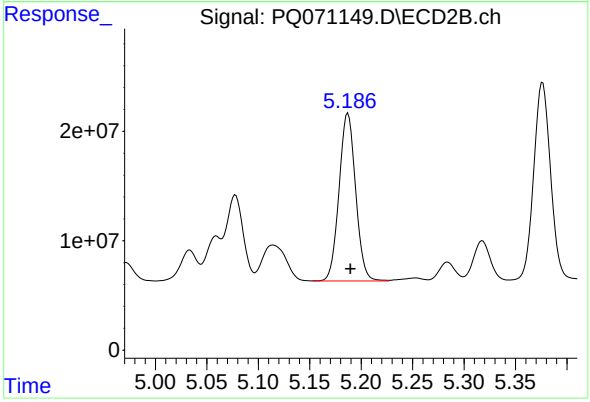
#7 AR-1016-5

R.T.: 4.194 min
Delta R.T.: -0.002 min
Response: 92158770
Conc: 480.39 ng/ml



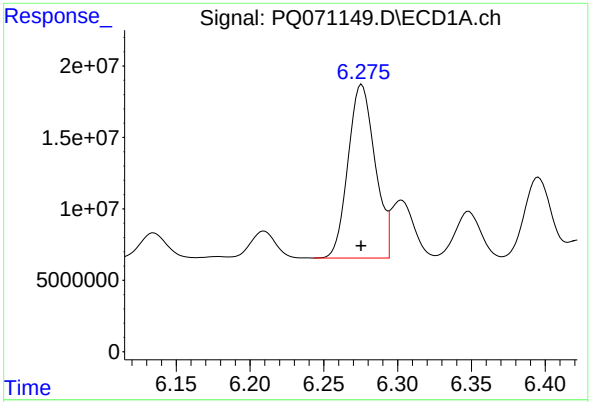
#31 AR-1260-1

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 130845896
Conc: 558.05 ng/ml



#31 AR-1260-1

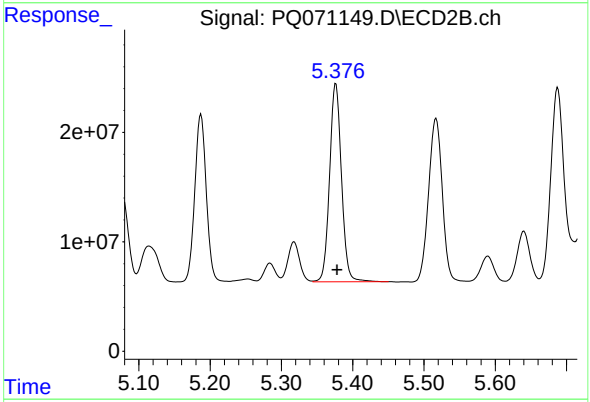
R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 172012081
Conc: 477.27 ng/ml



#32 AR-1260-2

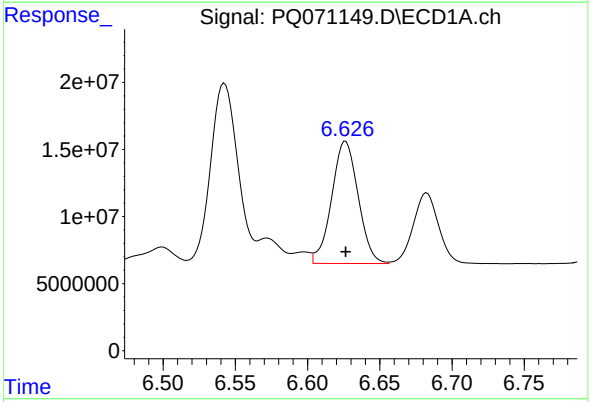
R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 154208521
Conc: 557.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



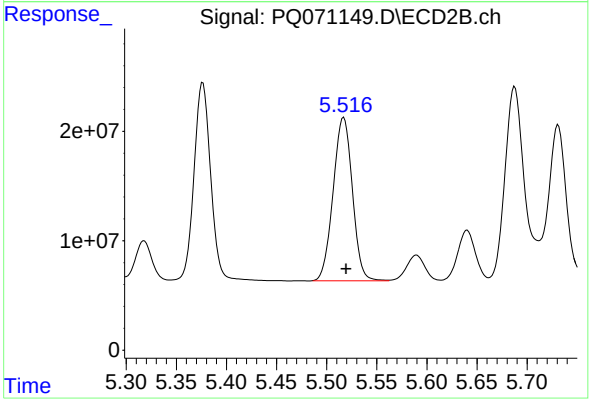
#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 209727099
Conc: 476.66 ng/ml



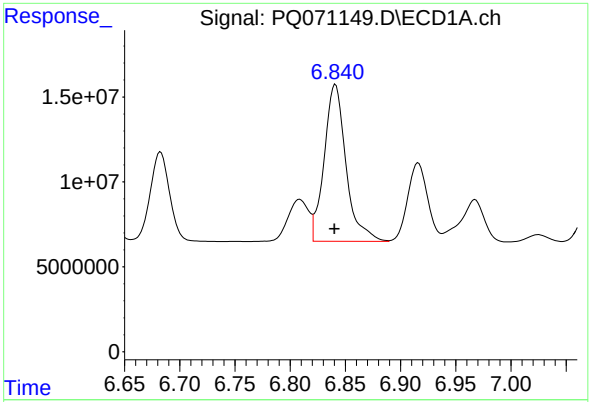
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 116345413
Conc: 583.75 ng/ml



#33 AR-1260-3

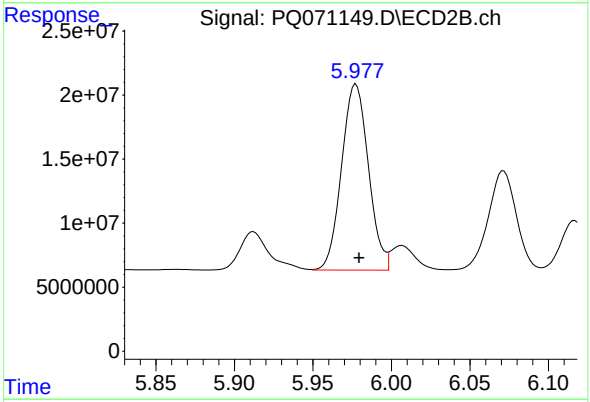
R.T.: 5.517 min
Delta R.T.: -0.002 min
Response: 199294991
Conc: 480.23 ng/ml



#34 AR-1260-4

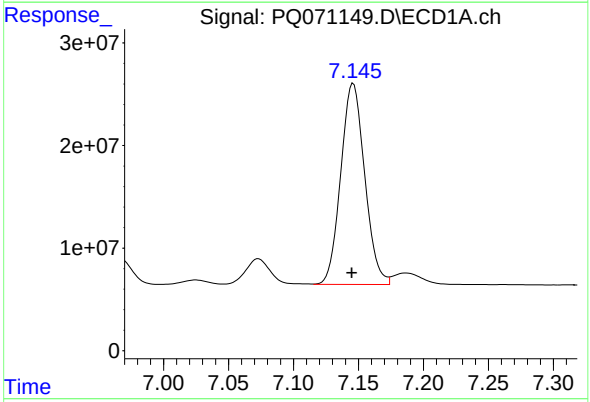
R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 127264014
Conc: 592.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



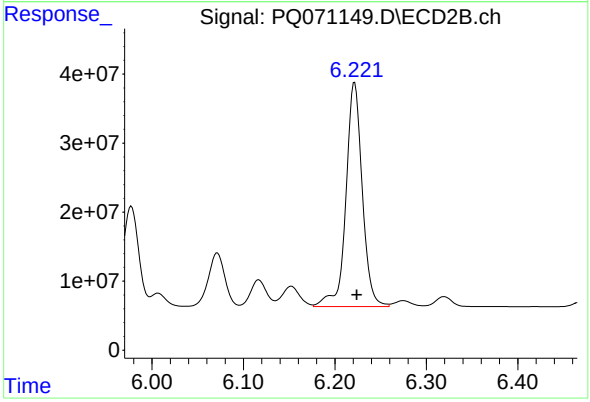
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 173057214
Conc: 481.03 ng/ml



#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.001 min
Response: 251248178
Conc: 579.21 ng/ml



#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 404121248
Conc: 480.94 ng/ml

Raw Data: **PQ071161.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 12:35 **Initial Calibration Time(s):** 08:57 16:43

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW FROM	TO	DIFF RT
Aroclor-1016-1	(1)	4.48	4.48	4.38	4.58	0.00
Aroclor-1016-2	(2)	4.50	4.50	4.40	4.60	0.00
Aroclor-1016-3	(3)	4.56	4.56	4.46	4.66	0.00
Aroclor-1016-4	(4)	4.65	4.65	4.55	4.75	0.01
Aroclor-1016-5	(5)	4.93	4.93	4.83	5.03	0.00
Aroclor-1260-1	(1)	6.02	6.02	5.92	6.12	0.00
Aroclor-1260-2	(2)	6.27	6.28	6.18	6.38	0.01
Aroclor-1260-3	(3)	6.63	6.63	6.53	6.73	0.00
Aroclor-1260-4	(4)	6.84	6.84	6.74	6.94	0.00
Aroclor-1260-5	(5)	7.15	7.15	7.05	7.25	0.01
Tetrachloro-m-xylene		3.40	3.40	3.30	3.50	0.00
Decachlorobiphenyl		8.50	8.50	8.40	8.60	0.01

Raw Data: **PQ071161.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

Continuing Calib Date: 10/27/2025 **Initial Calibration Date(s):** 10/10/2025 10/10/2025

Continuing Calib Time: 12:35 **Initial Calibration Time(s):** 08:57 16:43

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)	3.78	3.78	3.68	3.88	0.00
Aroclor-1016-2	(2)	3.79	3.79	3.69	3.89	0.00
Aroclor-1016-3	(3)	3.95	3.95	3.85	4.05	0.00
Aroclor-1016-4	(4)	4.00	4.00	3.90	4.10	0.00
Aroclor-1016-5	(5)	4.20	4.20	4.10	4.30	0.00
Aroclor-1260-1	(1)	5.19	5.19	5.09	5.29	0.00
Aroclor-1260-2	(2)	5.38	5.38	5.28	5.48	0.00
Aroclor-1260-3	(3)	5.52	5.52	5.42	5.62	0.00
Aroclor-1260-4	(4)	5.98	5.98	5.88	6.08	0.00
Aroclor-1260-5	(5)	6.22	6.22	6.12	6.32	0.00
Tetrachloro-m-xylene		2.78	2.78	2.68	2.88	0.00
Decachlorobiphenyl		7.53	7.53	7.43	7.63	0.00

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR1 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL07 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071161.D **Time Analyzed:** 12:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.479	4.380	4.580	550.580	500.000	10.1
Aroclor-1016-2	4.498	4.399	4.599	559.440	500.000	11.9
Aroclor-1016-3	4.556	4.456	4.656	571.120	500.000	14.2
Aroclor-1016-4	4.645	4.546	4.746	570.660	500.000	14.1
Aroclor-1016-5	4.930	4.831	5.031	565.870	500.000	13.2
Aroclor-1260-1	6.019	5.919	6.119	557.440	500.000	11.5
Aroclor-1260-2	6.274	6.175	6.375	551.940	500.000	10.4
Aroclor-1260-3	6.626	6.526	6.726	579.440	500.000	15.9
Aroclor-1260-4	6.839	6.740	6.940	591.430	500.000	18.3
Aroclor-1260-5	7.145	7.045	7.245	581.000	500.000	16.2
Decachlorobiphenyl	8.495	8.396	8.596	59.520	50.000	19.0
Tetrachloro-m-xylene	3.399	3.300	3.500	56.350	50.000	12.7

Raw Data: **PQ071161.D**

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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** ROYF02

Lab Code: ACE **SDG NO.:** Q3447

GC Column: ZB-MR2 **ID:** 0.32 **(mm)** **Initi. Calib. Date(s):** 10/10/2025 10/10/2025

Client Sample No.: CCAL07 **Date Analyzed:** 10/27/2025

Lab Sample No.: AR1660CCC500 **Data File :** PQ071161.D **Time Analyzed:** 12:35

COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	3.776	3.678	3.878	459.340	500.000	-8.1
Aroclor-1016-2	3.791	3.693	3.893	461.520	500.000	-7.7
Aroclor-1016-3	3.951	3.853	4.053	473.930	500.000	-5.2
Aroclor-1016-4	4.000	3.902	4.102	480.760	500.000	-3.8
Aroclor-1016-5	4.195	4.097	4.297	472.690	500.000	-5.5
Aroclor-1260-1	5.186	5.089	5.289	469.950	500.000	-6.0
Aroclor-1260-2	5.376	5.278	5.478	469.430	500.000	-6.1
Aroclor-1260-3	5.517	5.419	5.619	470.970	500.000	-5.8
Aroclor-1260-4	5.977	5.879	6.079	477.010	500.000	-4.6
Aroclor-1260-5	6.221	6.124	6.324	476.200	500.000	-4.8
Decachlorobiphenyl	7.531	7.433	7.633	55.990	50.000	12.0
Tetrachloro-m-xylene	2.776	2.678	2.878	50.180	50.000	0.4

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	245.1E6	254.9E6	56.346	50.181
2)	SA Decachlor...	8.495	7.531	172.8E6	282.7E6	59.521	55.992
	Target Compounds						
3)	L1 AR-1016-1	4.479	3.776	90374544	102.9E6	550.581	459.336
4)	L1 AR-1016-2	4.498	3.791	143.4E6	157.0E6	559.440	461.520
5)	L1 AR-1016-3	4.556	3.951	90876424	86188973	571.125	473.933
6)	L1 AR-1016-4	4.645	4.000	74144880	75678013	570.656	480.762
7)	L1 AR-1016-5	4.930	4.195	72885811	90681279	565.871	472.688
31)	L7 AR-1260-1	6.019	5.186	130.7E6	169.4E6	557.445	469.948
32)	L7 AR-1260-2	6.274	5.376	152.7E6	206.5E6	551.943	469.434
33)	L7 AR-1260-3	6.626	5.517	115.5E6	195.5E6	579.442	470.969
34)	L7 AR-1260-4	6.839	5.977	127.1E6	171.6E6	591.425	477.012
35)	L7 AR-1260-5	7.145	6.221	252.0E6	400.1E6	580.996	476.203

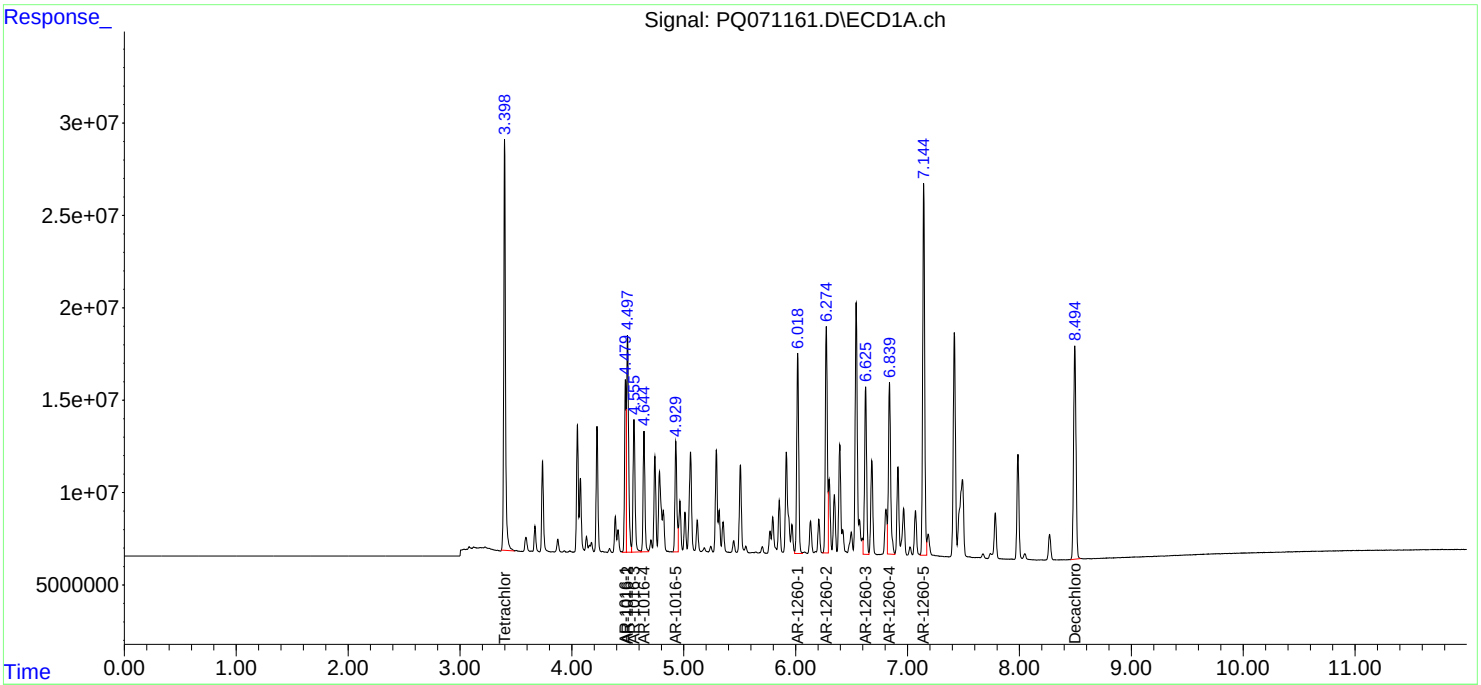
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

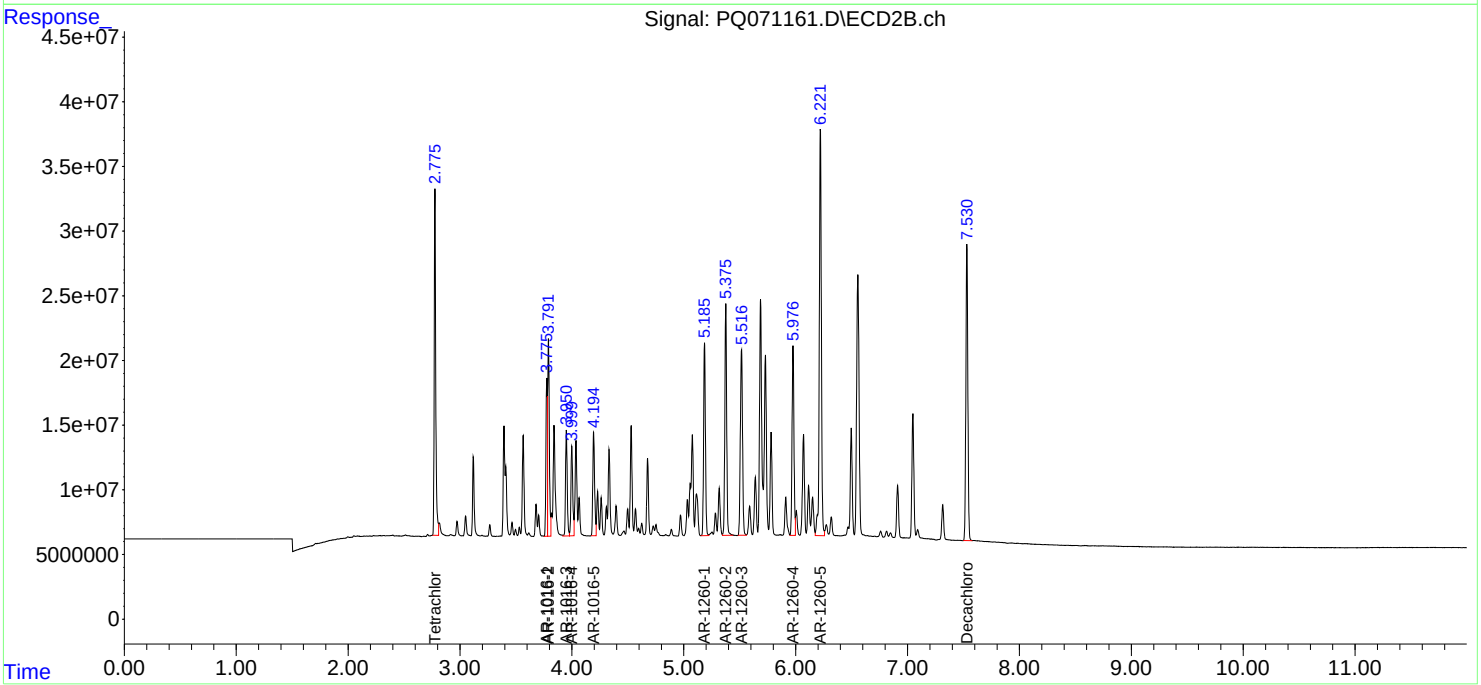
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071161.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 12:35
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

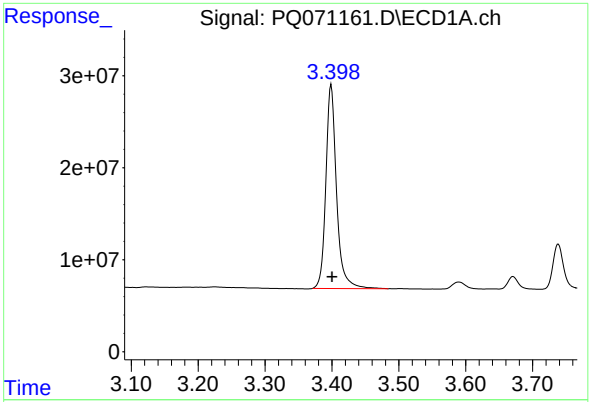
Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 12:58:57 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



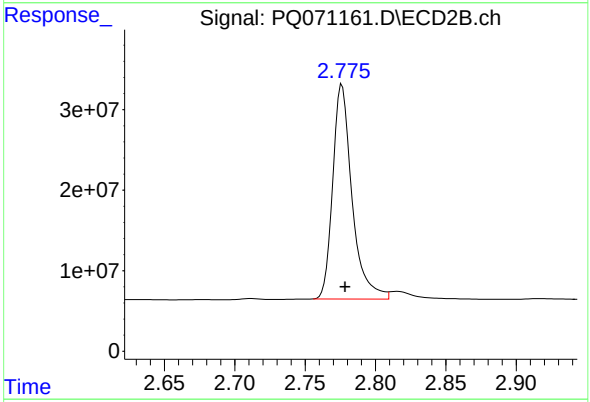




#1 Tetrachloro-m-xylene

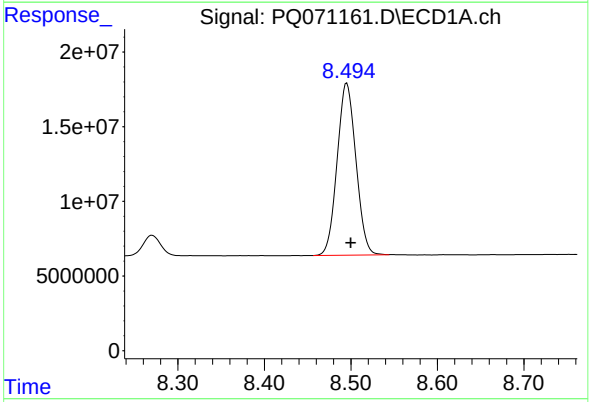
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 245120024
Conc: 56.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



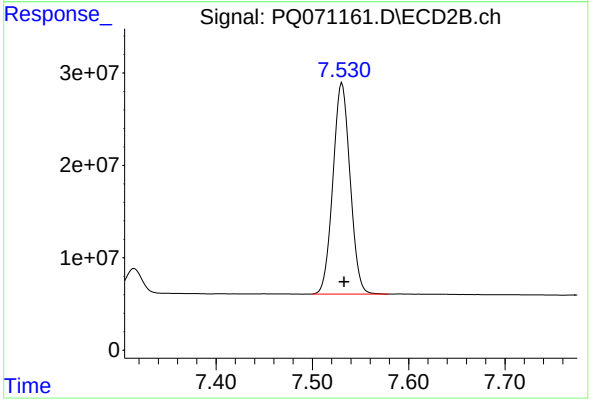
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 254918046
Conc: 50.18 ng/ml



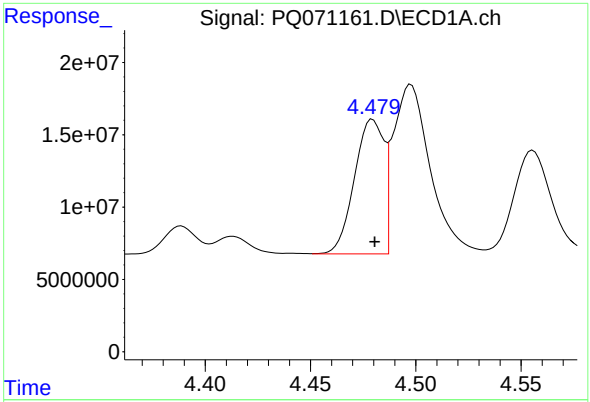
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 172847440
Conc: 59.52 ng/ml



#2 Decachlorobiphenyl

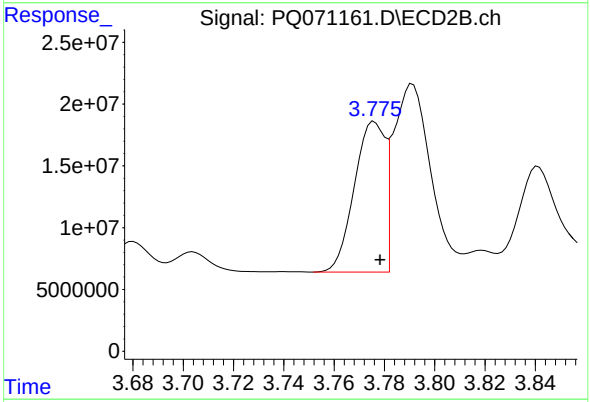
R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 282733560
Conc: 55.99 ng/ml



#3 AR-1016-1

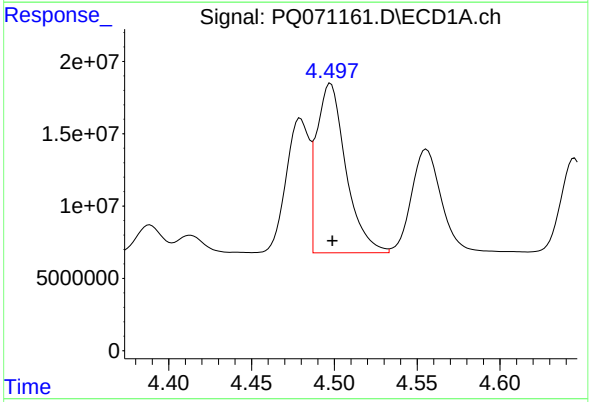
R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 90374544
Conc: 550.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



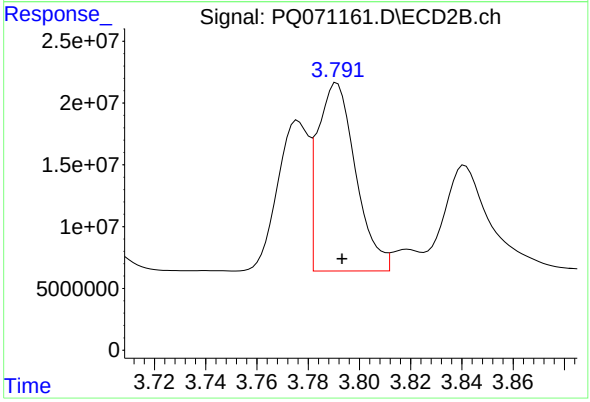
#3 AR-1016-1

R.T.: 3.776 min
Delta R.T.: -0.002 min
Response: 102892229
Conc: 459.34 ng/ml



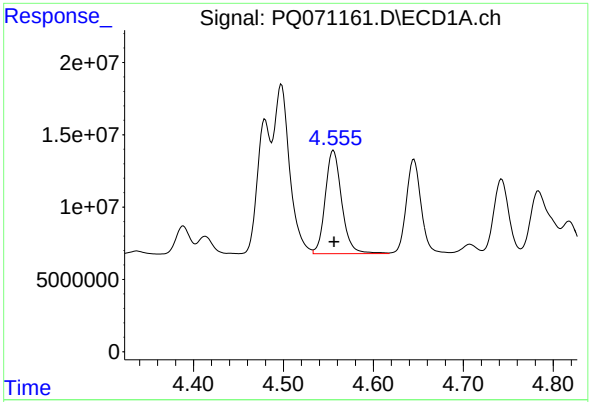
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: -0.001 min
Response: 143381427
Conc: 559.44 ng/ml



#4 AR-1016-2

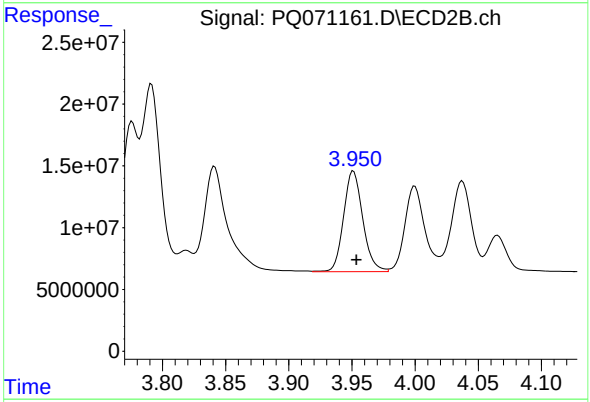
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 156973607
Conc: 461.52 ng/ml



#5 AR-1016-3

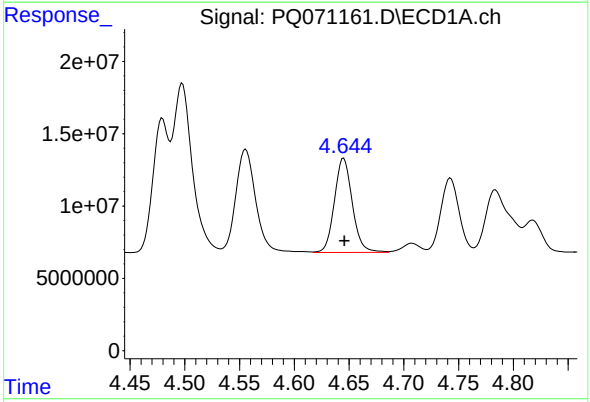
R.T.: 4.556 min
Delta R.T.: 0.000 min
Response: 90876424
Conc: 571.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



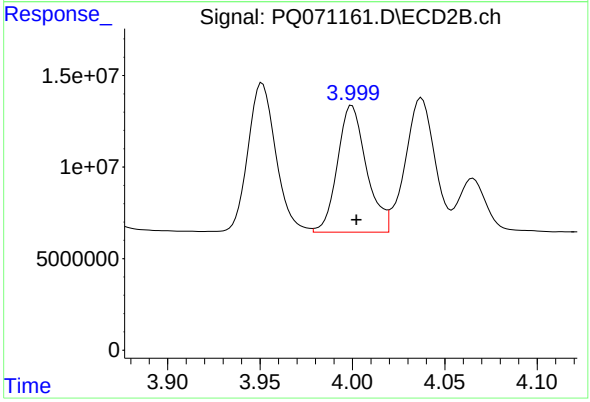
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 86188973
Conc: 473.93 ng/ml



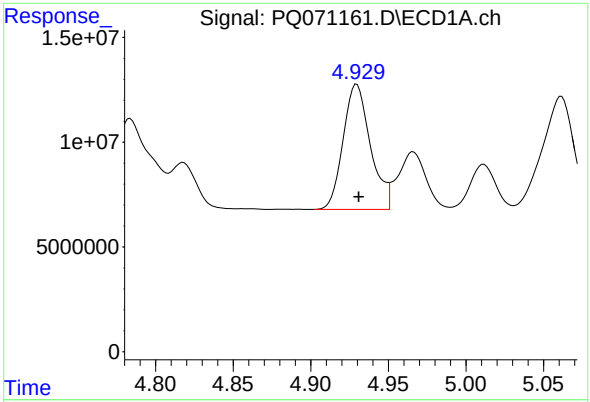
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 74144880
Conc: 570.66 ng/ml



#6 AR-1016-4

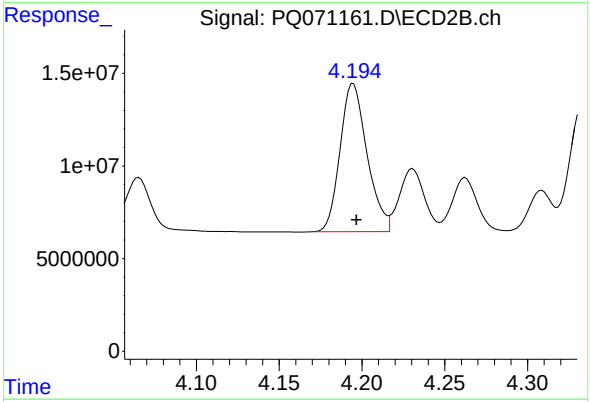
R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 75678013
Conc: 480.76 ng/ml



#7 AR-1016-5

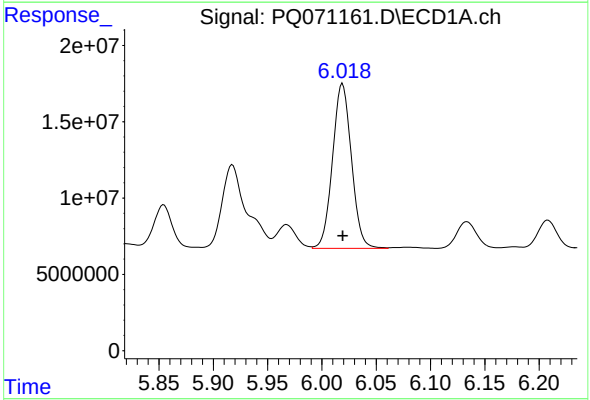
R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 72885811
Conc: 565.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



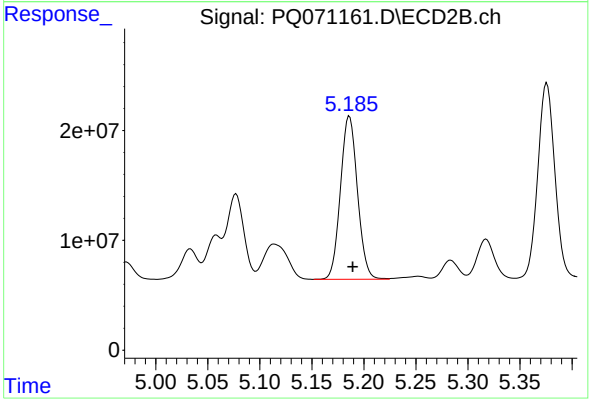
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 90681279
Conc: 472.69 ng/ml



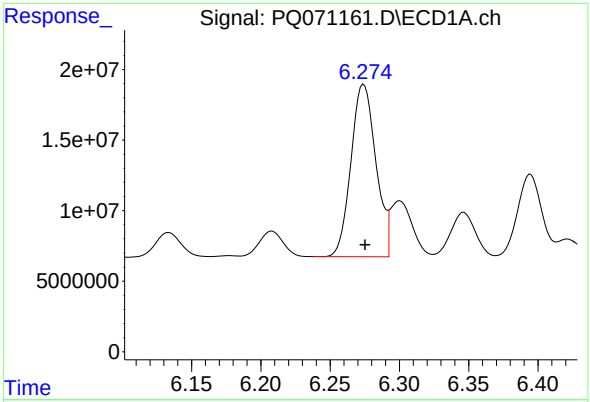
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 130704715
Conc: 557.44 ng/ml



#31 AR-1260-1

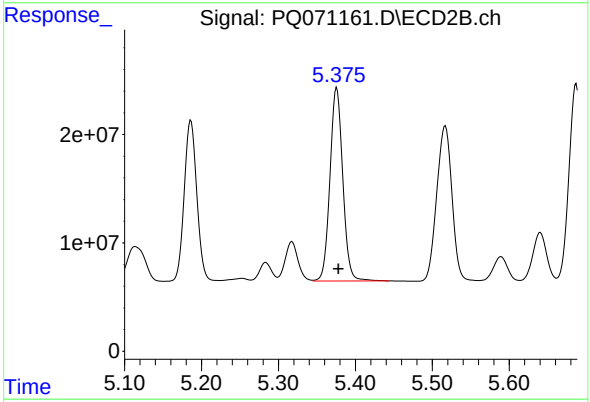
R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 169371960
Conc: 469.95 ng/ml



#32 AR-1260-2

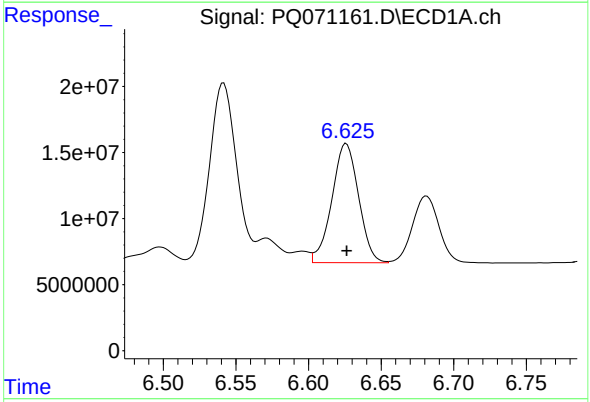
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 152672336
Conc: 551.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



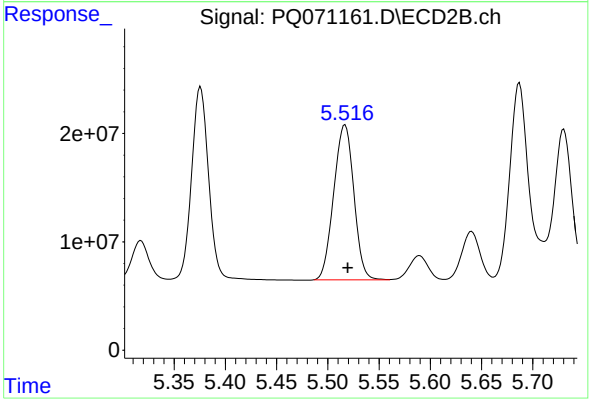
#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 206548048
Conc: 469.43 ng/ml



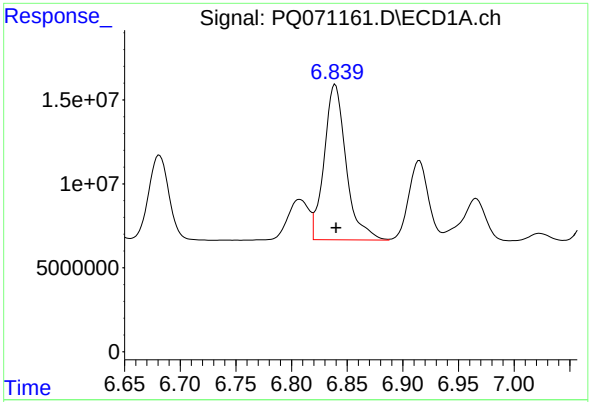
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 115487585
Conc: 579.44 ng/ml



#33 AR-1260-3

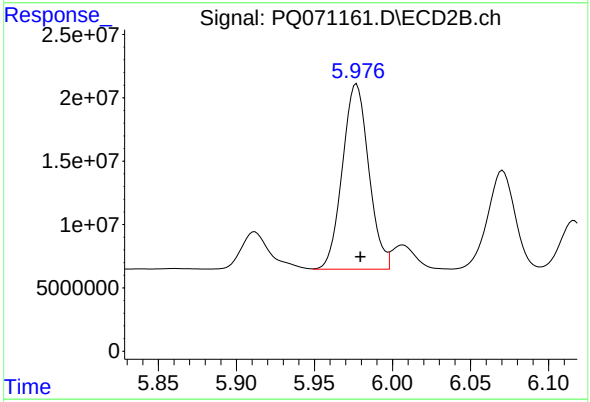
R.T.: 5.517 min
Delta R.T.: -0.003 min
Response: 195452019
Conc: 470.97 ng/ml



#34 AR-1260-4

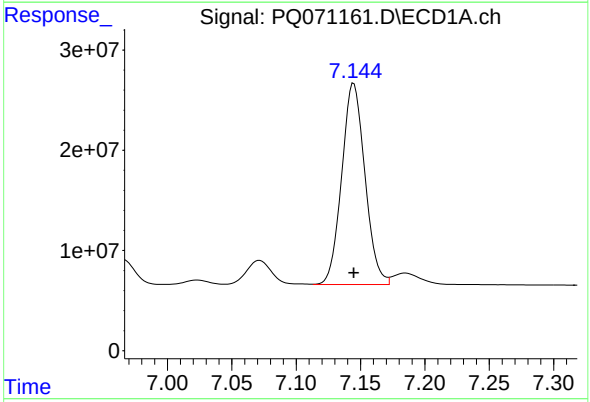
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 127087351
Conc: 591.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500



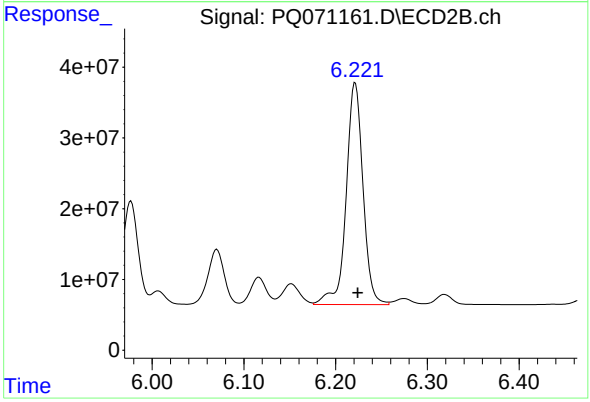
#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 171611128
Conc: 477.01 ng/ml



#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 252022828
Conc: 581.00 ng/ml



#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 400145221
Conc: 476.20 ng/ml

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

Analytical Sequence

Client: Weston Solutions, Inc. **SDG No.:** Q3447

Project: RFP 905 **Instrument ID:** ECD_P

GC Column: ZB-MR1 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

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	10/21/2025	08:49	PP075887.D	10.42	4.64
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	10.42	4.65
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	10.42	4.64
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	10.42	4.64
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	10.42	4.65
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	10.42	4.65
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	10.42	4.64
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	10.42	4.64
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	10.42	4.65
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	10.42	4.64
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	10.42	4.65
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	10.42	4.65
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	10.42	4.65
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	10.43	4.65
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	10.42	4.64
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	10.42	4.65
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	10.42	4.65
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	10.42	4.65
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	10.42	4.65
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	10.42	4.64
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	10.42	4.65
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	10.42	4.65
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	10.42	4.64
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	10.43	4.65
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	10.42	4.65
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	10.42	4.65
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	10.42	4.65
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	10.43	4.65
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	10.42	4.65
AR1660CCC500	AR1660CCC500	10/27/2025	08:56	PP076063.D	10.41	4.64
I.BLK	I.BLK	10/27/2025	10:02	PP076067.D	10.40	4.64
PB170236BL	PB170236BL	10/27/2025	10:18	PP076068.D	10.40	4.64
PB170236BS	PB170236BS	10/27/2025	10:34	PP076069.D	10.41	4.64
P001-TW2-251023-01	Q3447-03	10/27/2025	12:30	PP076075.D	10.41	4.63
P001-TW4-251023-01	Q3447-07	10/27/2025	12:47	PP076076.D	10.41	4.64
AR1660CCC500	AR1660CCC500	10/27/2025	14:08	PP076078.D	10.41	4.64
I.BLK	I.BLK	10/27/2025	15:13	PP076082.D	10.41	4.64
P001-TW3-251023-01	Q3447-05	10/27/2025	16:34	PP076087.D	10.41	4.64
P001-TW1-251023-01	Q3447-01	10/27/2025	16:50	PP076088.D	10.41	4.62
AR1660CCC500	AR1660CCC500	10/27/2025	19:00	PP076093.D	10.41	4.64
I.BLK	I.BLK	10/27/2025	20:38	PP076097.D	10.40	4.64
AR1660CCC500	AR1660CCC500	10/28/2025	09:22	PP076110.D	10.40	4.64

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

Analytical Sequence

I.BLK	I.BLK	10/28/2025	10:48	PP076115.D	10.41	4.64
P001-TW2-251023-01RE	Q3447-03RE	10/28/2025	11:53	PP076119.D	10.40	4.63
P001-TW1-251023-01RE	Q3447-01RE	10/28/2025	12:09	PP076120.D	10.41	4.62
AR1660CCC500	AR1660CCC500	10/28/2025	14:35	PP076126.D	10.41	4.64
I.BLK	I.BLK	10/28/2025	15:57	PP076131.D	10.41	4.64
I.BLK	I.BLK	10/10/2025	08:42	PQ070972.D	8.50	3.40
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	8.50	3.40
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	8.50	3.40
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	8.50	3.40
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	8.50	3.40
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	8.50	3.40
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	8.50	3.40
AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	8.50	3.40
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	8.50	3.40
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	8.50	3.40
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	8.50	3.40
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	8.50	3.40
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	8.50	3.40
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	8.50	3.40
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	8.50	3.40
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	8.50	3.40
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	8.50	3.40
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	8.50	3.40
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	8.50	3.40
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	8.50	3.40
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	8.50	3.40
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	8.50	3.40
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	8.50	3.40
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	8.50	3.40
AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	8.50	3.40
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	8.50	3.40
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	8.50	3.40
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	8.50	3.40
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/27/2025	08:57	PQ071149.D	8.50	3.40
I.BLK	I.BLK	10/27/2025	09:11	PQ071150.D	8.50	3.40
SS-5R-(3.5-4.0)MS	Q3450-02MS	10/27/2025	09:55	PQ071153.D	8.50	3.40
SS-5R-(3.5-4.0)MSD	Q3450-02MSD	10/27/2025	10:10	PQ071154.D	8.50	3.40
AR1660CCC500	AR1660CCC500	10/27/2025	12:35	PQ071161.D	8.50	3.40
I.BLK	I.BLK	10/27/2025	14:18	PQ071165.D	8.50	3.40

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

Analytical Sequence

Client: Weston Solutions, Inc. **SDG No.:** Q3447

Project: RFP 905 **Instrument ID:** ECD_P

GC Column: ZB-MR2 **ID:** 0.32 (mm) **Inst. Calib. Date(s):** 10/21/2025 10/21/2025

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	10/21/2025	08:49	PP075887.D	8.78	3.78
AR1660ICC1000	AR1660ICC1000	10/21/2025	09:06	PP075888.D	8.78	3.78
AR1660ICC750	AR1660ICC750	10/21/2025	09:22	PP075889.D	8.78	3.78
AR1660ICC500	AR1660ICC500	10/21/2025	09:38	PP075890.D	8.78	3.78
AR1660ICC250	AR1660ICC250	10/21/2025	09:54	PP075891.D	8.78	3.78
AR1660ICC050	AR1660ICC050	10/21/2025	10:11	PP075892.D	8.78	3.78
AR1221ICC500	AR1221ICC500	10/21/2025	10:27	PP075893.D	8.78	3.78
AR1232ICC500	AR1232ICC500	10/21/2025	10:43	PP075894.D	8.78	3.78
AR1242ICC1000	AR1242ICC1000	10/21/2025	10:59	PP075895.D	8.78	3.78
AR1242ICC750	AR1242ICC750	10/21/2025	11:16	PP075896.D	8.78	3.78
AR1242ICC500	AR1242ICC500	10/21/2025	11:48	PP075897.D	8.79	3.78
AR1242ICC250	AR1242ICC250	10/21/2025	12:04	PP075898.D	8.78	3.78
AR1242ICC050	AR1242ICC050	10/21/2025	12:21	PP075899.D	8.78	3.78
AR1248ICC1000	AR1248ICC1000	10/21/2025	12:41	PP075900.D	8.78	3.78
AR1248ICC750	AR1248ICC750	10/21/2025	12:57	PP075901.D	8.78	3.78
AR1248ICC500	AR1248ICC500	10/21/2025	13:13	PP075902.D	8.78	3.78
AR1248ICC250	AR1248ICC250	10/21/2025	13:30	PP075903.D	8.78	3.78
AR1248ICC050	AR1248ICC050	10/21/2025	13:46	PP075904.D	8.78	3.78
AR1254ICC1000	AR1254ICC1000	10/21/2025	14:02	PP075905.D	8.78	3.78
AR1254ICC750	AR1254ICC750	10/21/2025	14:18	PP075906.D	8.78	3.78
AR1254ICC500	AR1254ICC500	10/21/2025	14:35	PP075907.D	8.79	3.79
AR1254ICC250	AR1254ICC250	10/21/2025	14:51	PP075908.D	8.78	3.78
AR1254ICC050	AR1254ICC050	10/21/2025	15:07	PP075909.D	8.78	3.78
AR1262ICC500	AR1262ICC500	10/21/2025	15:40	PP075910.D	8.79	3.79
AR1268ICC1000	AR1268ICC1000	10/21/2025	15:56	PP075911.D	8.79	3.78
AR1268ICC750	AR1268ICC750	10/21/2025	16:12	PP075912.D	8.78	3.78
AR1268ICC500	AR1268ICC500	10/21/2025	16:29	PP075913.D	8.79	3.79
AR1268ICC250	AR1268ICC250	10/21/2025	16:45	PP075914.D	8.79	3.79
AR1268ICC050	AR1268ICC050	10/21/2025	17:01	PP075915.D	8.79	3.79
AR1660CCC500	AR1660CCC500	10/27/2025	08:56	PP076063.D	8.78	3.78
I.BLK	I.BLK	10/27/2025	10:02	PP076067.D	8.77	3.78
PB170236BL	PB170236BL	10/27/2025	10:18	PP076068.D	8.77	3.78
PB170236BS	PB170236BS	10/27/2025	10:34	PP076069.D	8.78	3.78
P001-TW2-251023-01	Q3447-03	10/27/2025	12:30	PP076075.D	8.77	3.81
P001-TW4-251023-01	Q3447-07	10/27/2025	12:47	PP076076.D	8.77	3.80
AR1660CCC500	AR1660CCC500	10/27/2025	14:08	PP076078.D	8.78	3.78
I.BLK	I.BLK	10/27/2025	15:13	PP076082.D	8.77	3.78
P001-TW3-251023-01	Q3447-05	10/27/2025	16:34	PP076087.D	8.78	3.79
P001-TW1-251023-01	Q3447-01	10/27/2025	16:50	PP076088.D	8.78	3.81
AR1660CCC500	AR1660CCC500	10/27/2025	19:00	PP076093.D	8.78	3.78
I.BLK	I.BLK	10/27/2025	20:38	PP076097.D	8.77	3.78
AR1660CCC500	AR1660CCC500	10/28/2025	09:22	PP076110.D	8.77	3.78

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

Analytical Sequence

I.BLK	I.BLK	10/28/2025	10:48	PP076115.D	8.78	3.78
P001-TW2-251023-01RE	Q3447-03RE	10/28/2025	11:53	PP076119.D	8.78	3.81
P001-TW1-251023-01RE	Q3447-01RE	10/28/2025	12:09	PP076120.D	8.78	3.81
AR1660CCC500	AR1660CCC500	10/28/2025	14:35	PP076126.D	8.77	3.78
I.BLK	I.BLK	10/28/2025	15:57	PP076131.D	8.77	3.78
I.BLK	I.BLK	10/10/2025	08:42	PQ070972.D	7.53	2.78
AR1660ICC1000	AR1660ICC1000	10/10/2025	08:57	PQ070973.D	7.53	2.78
AR1660ICC750	AR1660ICC750	10/10/2025	09:11	PQ070974.D	7.53	2.78
AR1660ICC500	AR1660ICC500	10/10/2025	09:26	PQ070975.D	7.53	2.78
AR1660ICC250	AR1660ICC250	10/10/2025	09:40	PQ070976.D	7.53	2.78
AR1660ICC050	AR1660ICC050	10/10/2025	09:55	PQ070977.D	7.53	2.78
AR1221ICC500	AR1221ICC500	10/10/2025	10:09	PQ070978.D	7.53	2.78
AR1232ICC500	AR1232ICC500	10/10/2025	10:24	PQ070979.D	7.53	2.78
AR1242ICC1000	AR1242ICC1000	10/10/2025	10:38	PQ070980.D	7.53	2.78
AR1242ICC750	AR1242ICC750	10/10/2025	10:53	PQ070981.D	7.53	2.78
AR1242ICC500	AR1242ICC500	10/10/2025	11:08	PQ070982.D	7.53	2.78
AR1242ICC250	AR1242ICC250	10/10/2025	11:22	PQ070983.D	7.53	2.78
AR1242ICC050	AR1242ICC050	10/10/2025	11:37	PQ070984.D	7.53	2.78
AR1248ICC1000	AR1248ICC1000	10/10/2025	11:51	PQ070985.D	7.53	2.78
AR1248ICC750	AR1248ICC750	10/10/2025	12:06	PQ070986.D	7.53	2.78
AR1248ICC500	AR1248ICC500	10/10/2025	12:20	PQ070987.D	7.53	2.78
AR1248ICC250	AR1248ICC250	10/10/2025	12:35	PQ070988.D	7.53	2.78
AR1248ICC050	AR1248ICC050	10/10/2025	12:50	PQ070989.D	7.53	2.78
AR1254ICC1000	AR1254ICC1000	10/10/2025	13:04	PQ070990.D	7.53	2.78
AR1254ICC750	AR1254ICC750	10/10/2025	13:19	PQ070991.D	7.53	2.78
AR1254ICC500	AR1254ICC500	10/10/2025	13:33	PQ070992.D	7.53	2.78
AR1254ICC250	AR1254ICC250	10/10/2025	13:48	PQ070993.D	7.53	2.78
AR1254ICC050	AR1254ICC050	10/10/2025	15:15	PQ070994.D	7.53	2.78
AR1262ICC500	AR1262ICC500	10/10/2025	15:30	PQ070995.D	7.53	2.78
AR1268ICC1000	AR1268ICC1000	10/10/2025	15:44	PQ070996.D	7.53	2.78
AR1268ICC750	AR1268ICC750	10/10/2025	15:59	PQ070997.D	7.53	2.78
AR1268ICC500	AR1268ICC500	10/10/2025	16:13	PQ070998.D	7.53	2.78
AR1268ICC250	AR1268ICC250	10/10/2025	16:28	PQ070999.D	7.53	2.78
AR1268ICC050	AR1268ICC050	10/10/2025	16:43	PQ071000.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/27/2025	08:57	PQ071149.D	7.53	2.78
I.BLK	I.BLK	10/27/2025	09:11	PQ071150.D	7.53	2.78
SS-5R-(3.5-4.0)MS	Q3450-02MS	10/27/2025	09:55	PQ071153.D	7.53	2.78
SS-5R-(3.5-4.0)MSD	Q3450-02MSD	10/27/2025	10:10	PQ071154.D	7.53	2.78
AR1660CCC500	AR1660CCC500	10/27/2025	12:35	PQ071161.D	7.53	2.78
I.BLK	I.BLK	10/27/2025	14:18	PQ071165.D	7.53	2.78

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB170236BS

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3447

Lab Sample ID: PB170236BS Date(s) Analyzed: 10/27/2025 10/27/2025

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 PP076069.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	5.793	5.743	5.843	146		
	2	5.814	5.764	5.864	147		
	3	5.877	5.827	5.927	145		
COLUMN 1	4	5.974	5.924	6.024	146		
	5	6.266	6.216	6.316	140	145	
	1	4.877	4.827	4.927	132		
	2	4.935	4.885	4.985	131		
	3	5.054	5.004	5.104	122		
	4	5.095	5.045	5.145	129		
COLUMN 2	5	5.309	5.259	5.359	120	127	13.24
Aroclor-1260	1	7.383	7.333	7.433	167		
	2	7.636	7.586	7.686	153		
	3	7.994	7.944	8.044	134		
COLUMN 1	4	8.22	8.17	8.27	157		
	5	8.546	8.496	8.596	135	149	
	1	6.335	6.285	6.385	147		
	2	6.522	6.472	6.572	147		
	3	6.675	6.625	6.725	152		
	4	7.144	7.094	7.194	142		
COLUMN 2	5	7.384	7.334	7.434	129	143	4.11

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-TW2-251023-01

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3447

Lab Sample ID: Q3447-03 Date(s) Analyzed: 10/27/2025 10/27/2025

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 PP076075.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.637	6.587	6.687	819		
	2	6.856	6.806	6.906	811		
	3	7.217	7.167	7.267	599		
COLUMN 1	4	7.498	7.448	7.548	550		
	5	7.916	7.866	7.966	1320	820	
	1	5.655	5.605	5.705	1090		
	2	5.801	5.751	5.851	606		
	3	6.207	6.157	6.257	635		
	4	6.432	6.382	6.482	311		
COLUMN 2	5	6.845	6.795	6.895	720	672	19.84
Aroclor-1260	1	7.38	7.33	7.43	871		
	2	7.633	7.583	7.683	905		
	3	7.992	7.942	8.042	700		
COLUMN 1	4	8.217	8.167	8.267	772		
	5	8.544	8.494	8.594	618	773	
	1	6.334	6.284	6.384	598		
	2	6.521	6.471	6.571	536		
	3	6.673	6.623	6.723	389		
	4	7.142	7.092	7.192	434		
COLUMN 2	5	7.382	7.332	7.432	551	501	42.7

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

P001-TW2-251023-01RE

Lab Name: Alliance Contract: ROYF02

Lab Code: ACE SDG NO.: Q3447

Lab Sample ID: Q3447-03RE Date(s) Analyzed: 10/28/2025 10/28/2025

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 PP076119.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1254	1	6.66	6.61	6.71	1230		
	2	6.852	6.802	6.902	803		
	3	7.214	7.164	7.264	607		
COLUMN 1	4	7.495	7.445	7.545	544		
	5	7.912	7.862	7.962	1280	892	
	1	5.654	5.604	5.704	1150		
	2	5.8	5.75	5.85	661		
	3	6.205	6.155	6.255	773		
	4	6.429	6.379	6.479	410		
COLUMN 2	5	6.843	6.793	6.893	711	742	18.36
Aroclor-1260	1	7.377	7.327	7.427	847		
	2	7.63	7.58	7.68	923		
	3	7.988	7.938	8.038	694		
COLUMN 1	4	8.213	8.163	8.263	772		
	5	8.541	8.491	8.591	622	772	
	1	6.333	6.283	6.383	637		
	2	6.521	6.471	6.571	584		
	3	6.67	6.62	6.72	501		
	4	7.139	7.089	7.189	462		
COLUMN 2	5	7.38	7.33	7.43	590	555	32.71

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-5R-(3.5-4.0)MS

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG NO.: Q3447
Lab Sample ID: Q3450-02MS
Date(s) Analyzed: 10/27/2025 10/27/2025
Instrument ID (1): ECD_Q
Instrument ID (2): ECD_Q
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PQ071153.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.481	4.431	4.531	59.9		
	2	4.498	4.448	4.548	123		
	3	4.555	4.505	4.605	140		
COLUMN 1	4	4.645	4.595	4.695	148		
	5	4.93	4.88	4.98	135	121	
	1	3.775	3.725	3.825	131		
	2	3.791	3.741	3.841	110		
	3	3.951	3.901	4.001	119		
	4	3.999	3.949	4.049	115		
COLUMN 2	5	4.195	4.145	4.245	114	118	2.51
Aroclor-1254	1	5.291	5.241	5.341	73.6		
	2	5.506	5.456	5.556	65.1		
	3	5.854	5.804	5.904	52.0		
COLUMN 1	4	6.132	6.082	6.182	65.2		
	5	6.542	6.492	6.592	271	105	
	1	4.531	4.481	4.581	57.2		
	2	4.677	4.627	4.727	82.7		
	3	5.058	5.008	5.108	47.0		
	4	5.284	5.234	5.334	62.9		
COLUMN 2	5	5.687	5.637	5.737	209	91.7	13.52

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

IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.018	5.968	6.068	162		
	2	6.275	6.225	6.325	162		
	3	6.626	6.576	6.676	125		
COLUMN 1	4	6.84	6.79	6.89	137		
	5	7.146	7.096	7.196	139	145	
	1	5.186	5.136	5.236	135		
	2	5.377	5.327	5.427	123		
	3	5.516	5.466	5.566	141		
	4	5.978	5.928	6.028	109		
COLUMN 2	5	6.222	6.172	6.272	107	123	16.42

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

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

SS-5R-(3.5-4.0)MSD

Lab Name: Alliance
Contract: ROYF02
Lab Code: ACE
SDG NO.: Q3447
Lab Sample ID: Q3450-02MSD
Date(s) Analyzed: 10/27/2025 10/27/2025
Instrument ID (1): ECD_Q
Instrument ID (2): ECD_Q
GC Column: (1): ZB-MR1 ID: 0.32 (mm)
GC Column:(2): ZB-MR2 ID: 0.32 (mm)
Data file PQ071154.D

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	MEAN CONCENTRATION	%RPD
Aroclor-1016	1	4.478	4.428	4.528	155		
	2	4.497	4.447	4.547	160		
	3	4.555	4.505	4.605	166		
COLUMN 1	4	4.645	4.595	4.695	166		
	5	4.93	4.88	4.98	161	162	
	1	3.775	3.725	3.825	150		
	2	3.791	3.741	3.841	128		
	3	3.952	3.902	4.002	153		
	4	4	3.95	4.05	150		
COLUMN 2	5	4.195	4.145	4.245	136	143	12.46
Aroclor-1254	1	5.292	5.242	5.342	91.0		
	2	5.507	5.457	5.557	89.9		
	3	5.854	5.804	5.904	99.6		
COLUMN 1	4	6.134	6.084	6.184	114		
	5	6.543	6.493	6.593	347	148	
	1	4.531	4.481	4.581	74.2		
	2	4.678	4.628	4.728	97.9		
	3	5.058	5.008	5.108	90.8		
	4	5.284	5.234	5.334	102		
COLUMN 2	5	5.687	5.637	5.737	280	129	13.72

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

IDENTIFICATION SUMMARY

FOR MULTICOMPONENT ANALYTES

Aroclor-1260	1	6.019	5.969	6.069	196		
	2	6.275	6.225	6.325	197		
	3	6.625	6.575	6.675	137		
COLUMN 1	4	6.84	6.79	6.89	153		
	5	7.145	7.095	7.195	147	166	
	1	5.187	5.137	5.237	183		
	2	5.376	5.326	5.426	165		
	3	5.516	5.466	5.566	176		
	4	5.977	5.927	6.027	121		
COLUMN 2	5	6.221	6.171	6.271	120	153	8.15

QC SAMPLE DATA

Raw Data: **PP076068.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.			Date Collected:	
Project:	RFP 905			Date Received:	
Client Sample ID:	PB170236BL			SDG No.:	Q3447
Lab Sample ID:	PB170236BL			Matrix:	SOIL
Analytical Method:	8082A			% Solid:	100
Sample Wt/Vol:	30.02 g	Final Vol:	10000 uL	Test:	PCB
Prep Method:	SW3541	Prep Date	10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	3.90	U	1	3.90	17.0	ug/kg	10/27/25 10:18	PB170236
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/27/25 10:18	PB170236
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/27/25 10:18	PB170236
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/27/25 10:18	PB170236
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/27/25 10:18	PB170236
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/27/25 10:18	PB170236
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/27/25 10:18	PB170236
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/27/25 10:18	PB170236
11096-82-5	Aroclor-1260	3.20	U	1	3.20	17.0	ug/kg	10/27/25 10:18	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.3			32 - 144	137%	SPK: 20		
2051-24-3	Decachlorobiphenyl	29.0			32 - 175	145%	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: **PP076068.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:18
Operator : YP\AJ
Sample : PB170236BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170236BL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.637	3.780	39070596	172.6E6	27.339m	26.077
2)	SA Decachlor...	10.403	8.773	31178050	207.4E6	28.962m	25.220
	Target Compounds						

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

Sample Results: **PP076068.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076068.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:18
Operator : YP\AJ
Sample : PB170236BL
Misc :
ALS Vial : 7 Sample Multiplier: 1

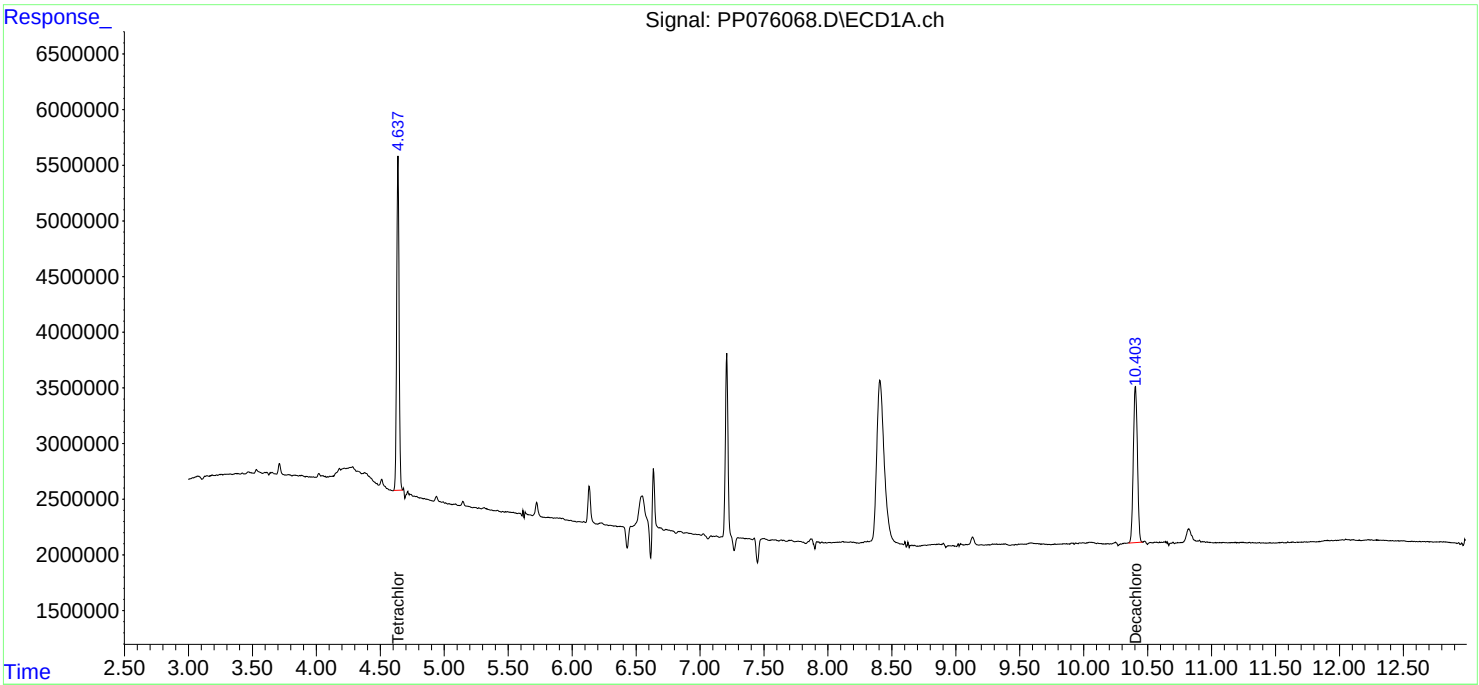
Instrument :
ECD_P
ClientSampleId :
PB170236BL

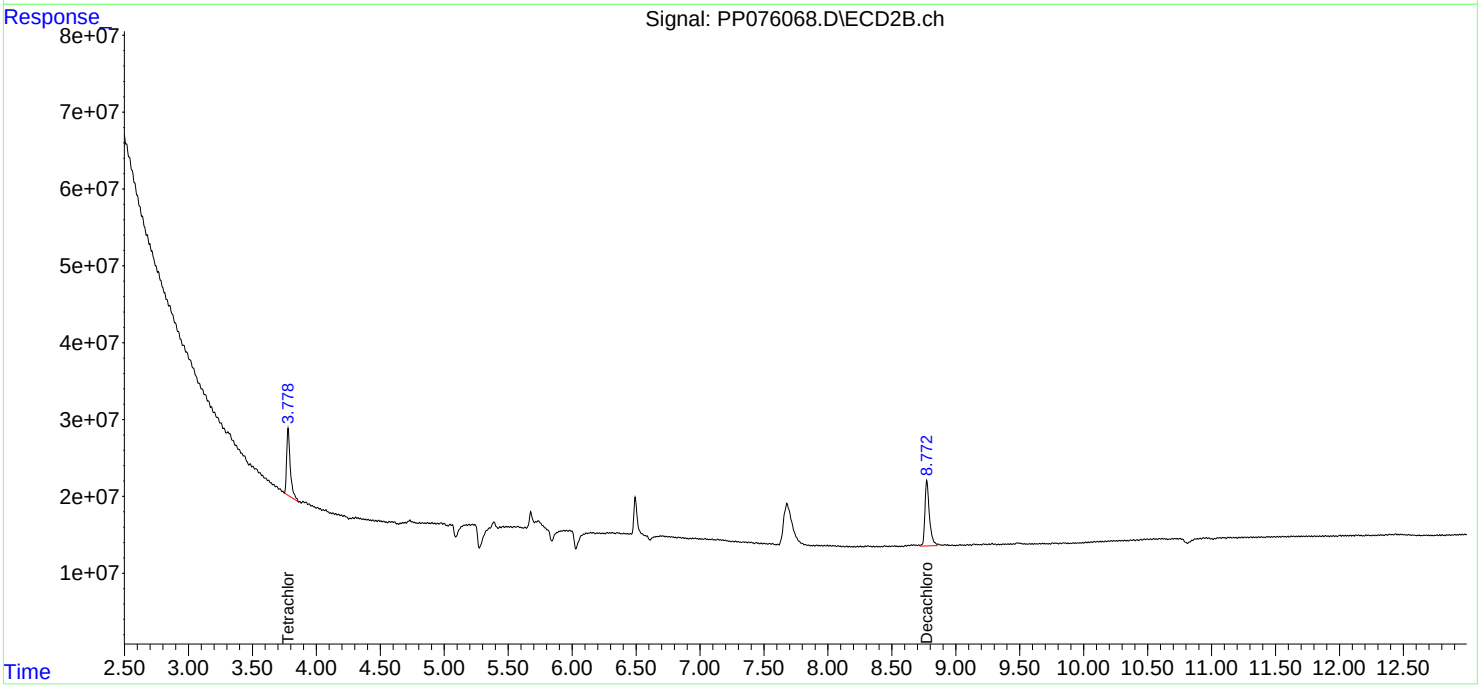
Manual Integrations APPROVED

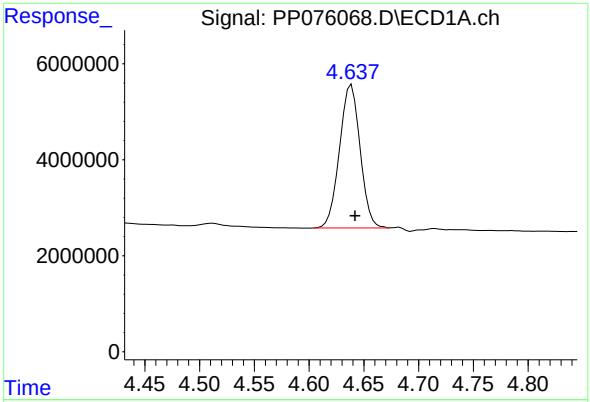
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







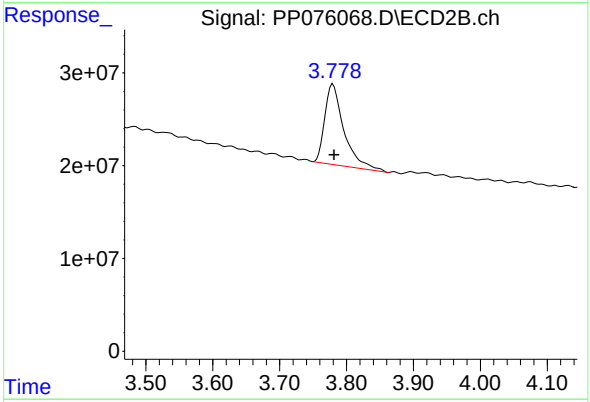
#1 Tetrachloro-m-xylene

R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 39070596
Conc: 27.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BL

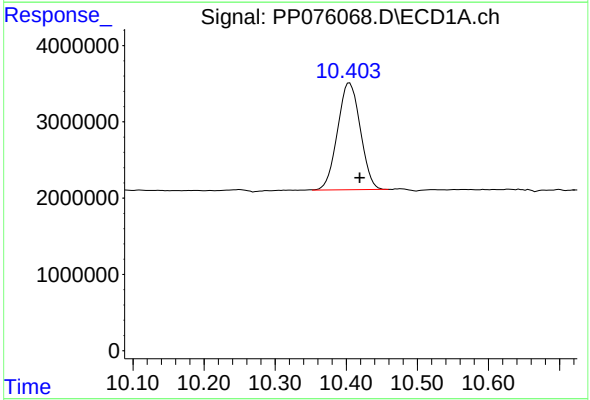
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



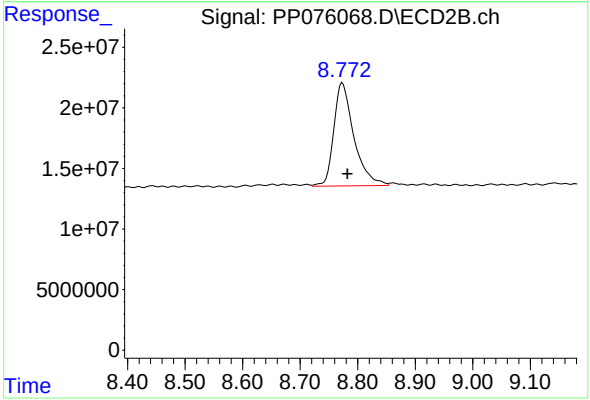
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 172582422
Conc: 26.08 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.015 min
Response: 31178050
Conc: 28.96 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 207383403
Conc: 25.22 ng/ml

Raw Data: **PP075887.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/21/25
Project:	RFP 905	Date Received:	10/21/25
Client Sample ID:	PIBLK-PP075887.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PP075887.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/21/25	PP102125
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/21/25	PP102125
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/21/25	PP102125
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/21/25	PP102125
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/21/25	PP102125
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/21/25	PP102125
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/21/25	PP102125
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/21/25	PP102125
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/21/25	PP102125
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.8			60 - 140	94%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.3			60 - 140	96%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PP075887.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Manual Integrations APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.644	3.783	28503905	124.7E6	19.945	18.843
2)	SA Decachlor...	10.419	8.784	21974278	158.6E6	20.412m	19.281
	Target Compounds						

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

Sample Results: **PP075887.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102125\
Data File : PP075887.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2025 08:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

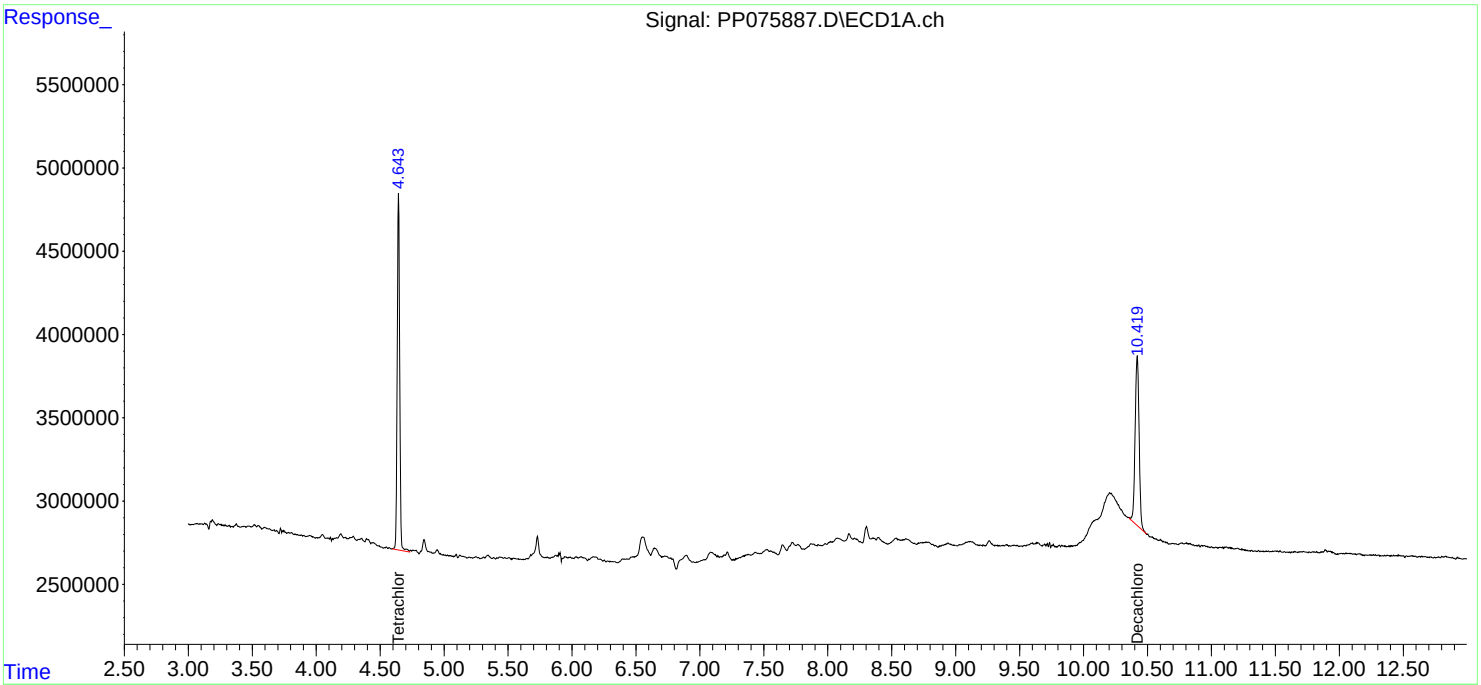
Instrument :
ECD_P
ClientSampleId :
I.BLK

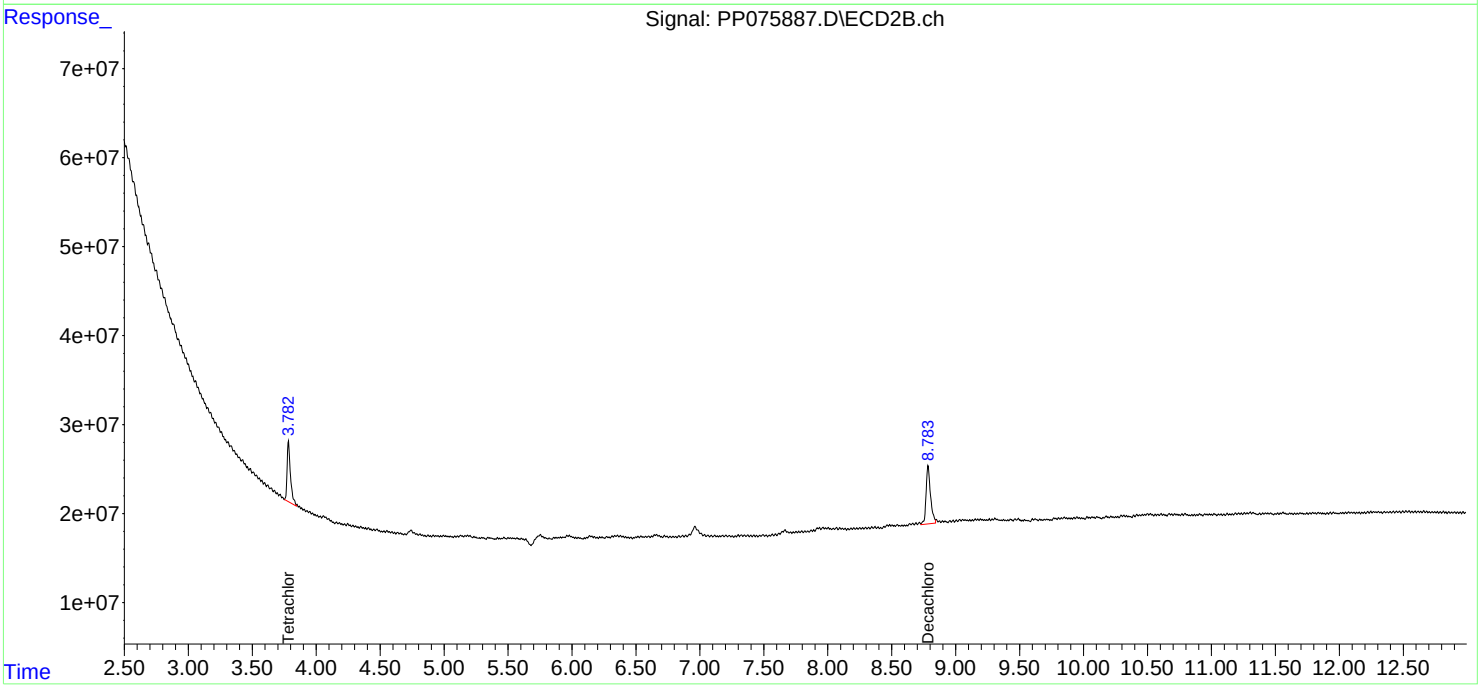
Manual Integrations APPROVED

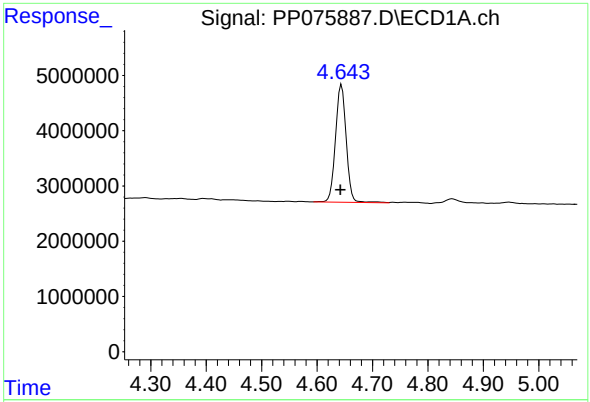
Reviewed By :Yogesh Patel 10/22/2025
Supervised By :mohammad ahmed 10/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 21 18:26:13 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Oct 21 18:24:24 2025
Response via : Initial Calibration
Integrator: ChemStation

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







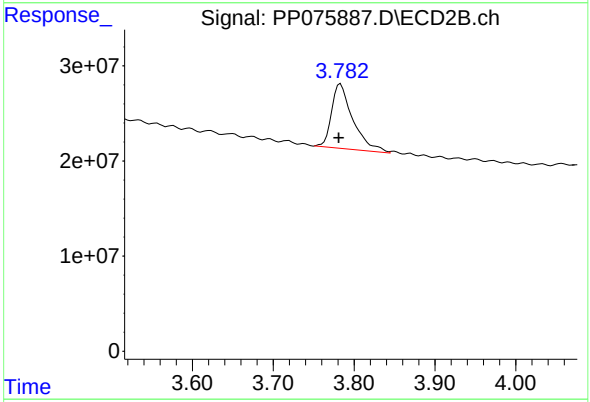
#1 Tetrachloro-m-xylene

R.T.: 4.644 min
Delta R.T.: 0.002 min
Response: 28503905
Conc: 19.95 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

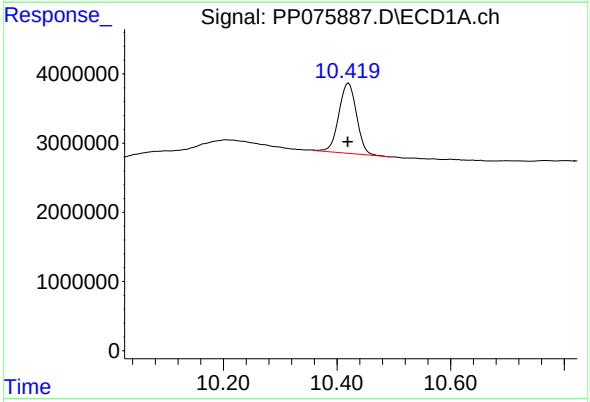
Manual Integrations
APPROVED

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



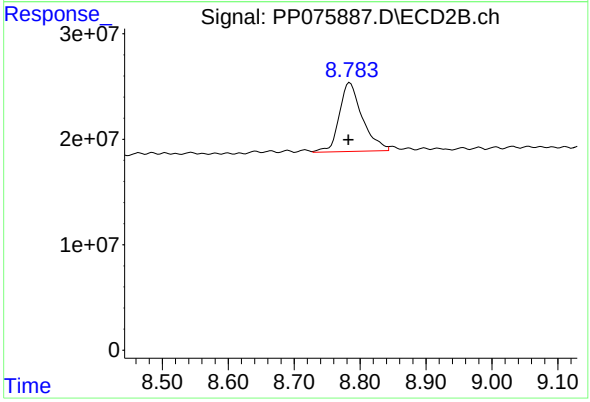
#1 Tetrachloro-m-xylene

R.T.: 3.783 min
Delta R.T.: 0.002 min
Response: 124709992
Conc: 18.84 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.419 min
Delta R.T.: 0.000 min
Response: 21974278
Conc: 20.41 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.784 min
Delta R.T.: 0.002 min
Response: 158550080
Conc: 19.28 ng/ml

Raw Data: **PP076067.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/27/25
Project:	RFP 905	Date Received:	10/27/25
Client Sample ID:	PIBLK-PP076067.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PP076067.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/27/25	PP102725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/27/25	PP102725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/27/25	PP102725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/27/25	PP102725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/27/25	PP102725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/27/25	PP102725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/27/25	PP102725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/27/25	PP102725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/27/25	PP102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.9			60 - 140	95%	SPK: 20		
2051-24-3	Decachlorobiphenyl	18.2			60 - 140	91%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.638	3.778	31506659	125.1E6	22.047	18.907
2)	SA Decachlor...	10.404	8.773	24084542	150.0E6	22.372	18.238
	Target Compounds						

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

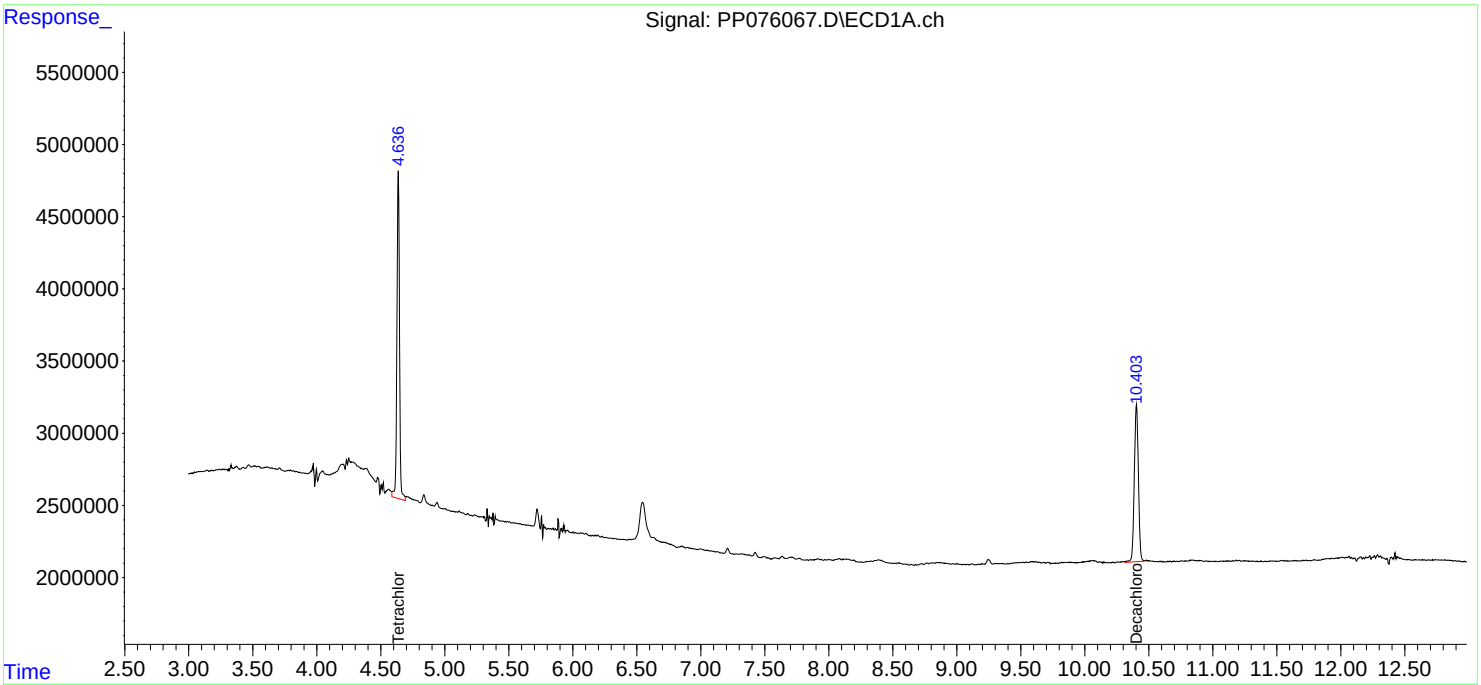
Sample Results: **PP076067.D**

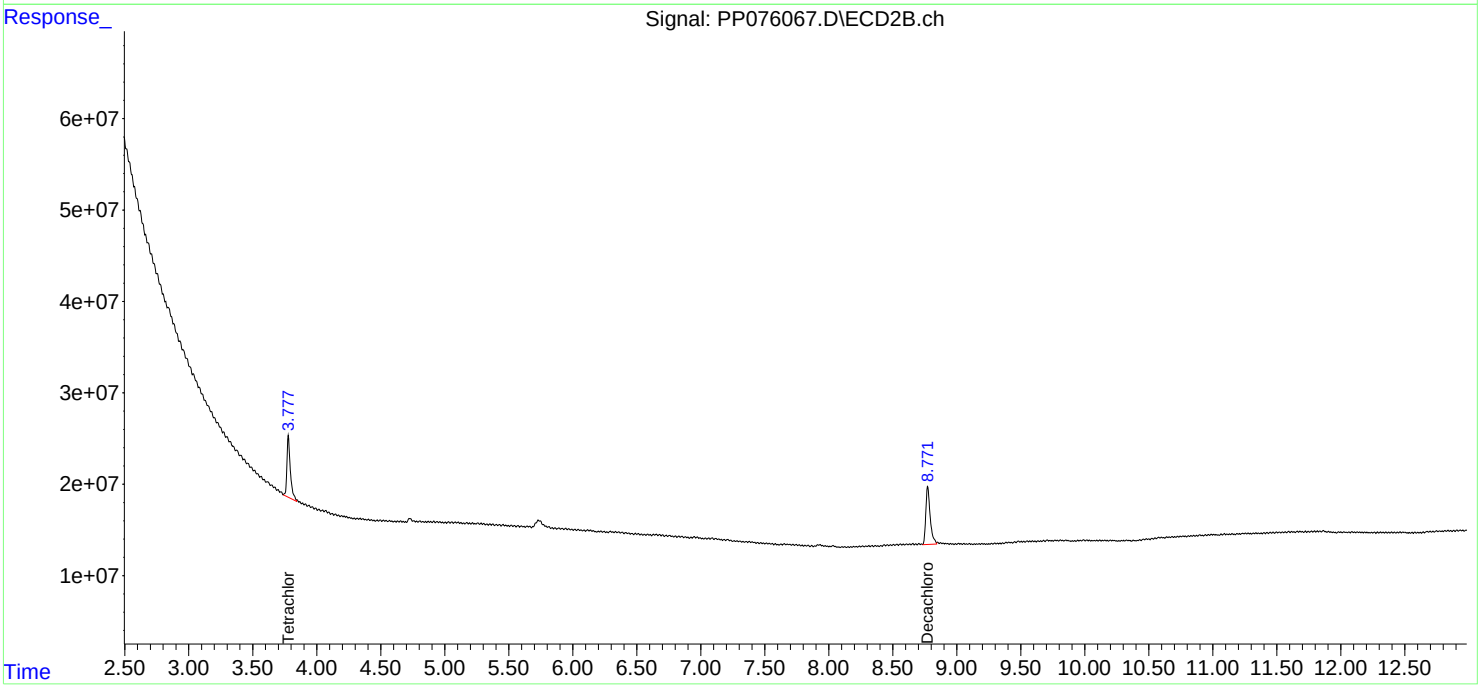
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076067.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:02
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

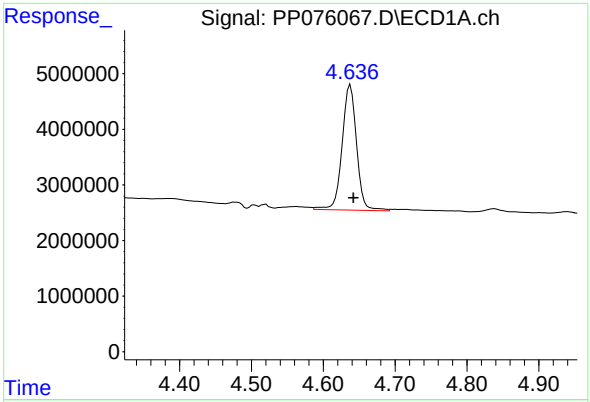
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:02:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



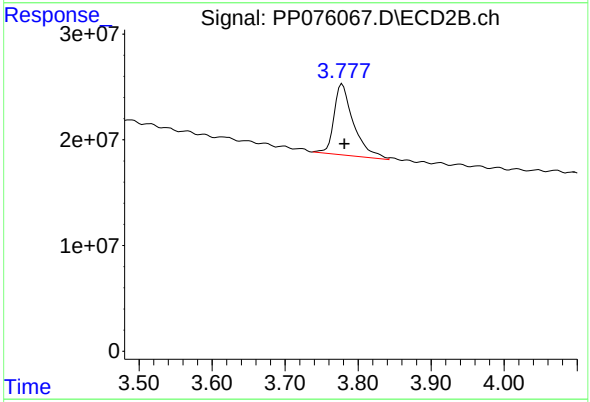




#1 Tetrachloro-m-xylene

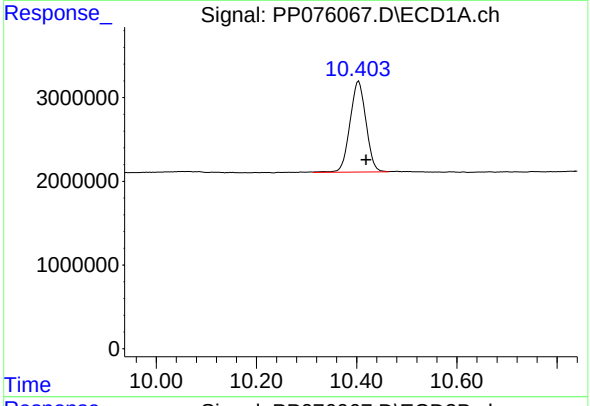
R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 31506659
Conc: 22.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



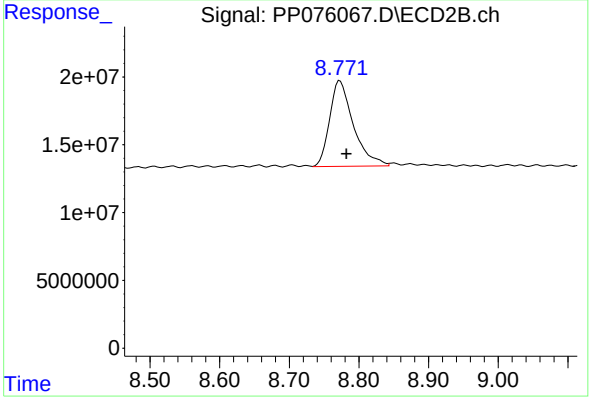
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 125130938
Conc: 18.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.015 min
Response: 24084542
Conc: 22.37 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 149972909
Conc: 18.24 ng/ml

Raw Data: **PP076082.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/27/25
Project:	RFP 905	Date Received:	10/27/25
Client Sample ID:	PIBLK-PP076082.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PP076082.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/27/25	pp102725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/27/25	pp102725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/27/25	pp102725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/27/25	pp102725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/27/25	pp102725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/27/25	pp102725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/27/25	pp102725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/27/25	pp102725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/27/25	pp102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	17.1			60 - 140	86%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.7			60 - 140	83%	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\PP102725\
Data File : PP076082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 15:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:03:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.639	3.778	27067383	113.2E6	18.940	17.111
2)	SA Decachlor...	10.406	8.774	21916774	137.1E6	20.359	16.668
	Target Compounds						

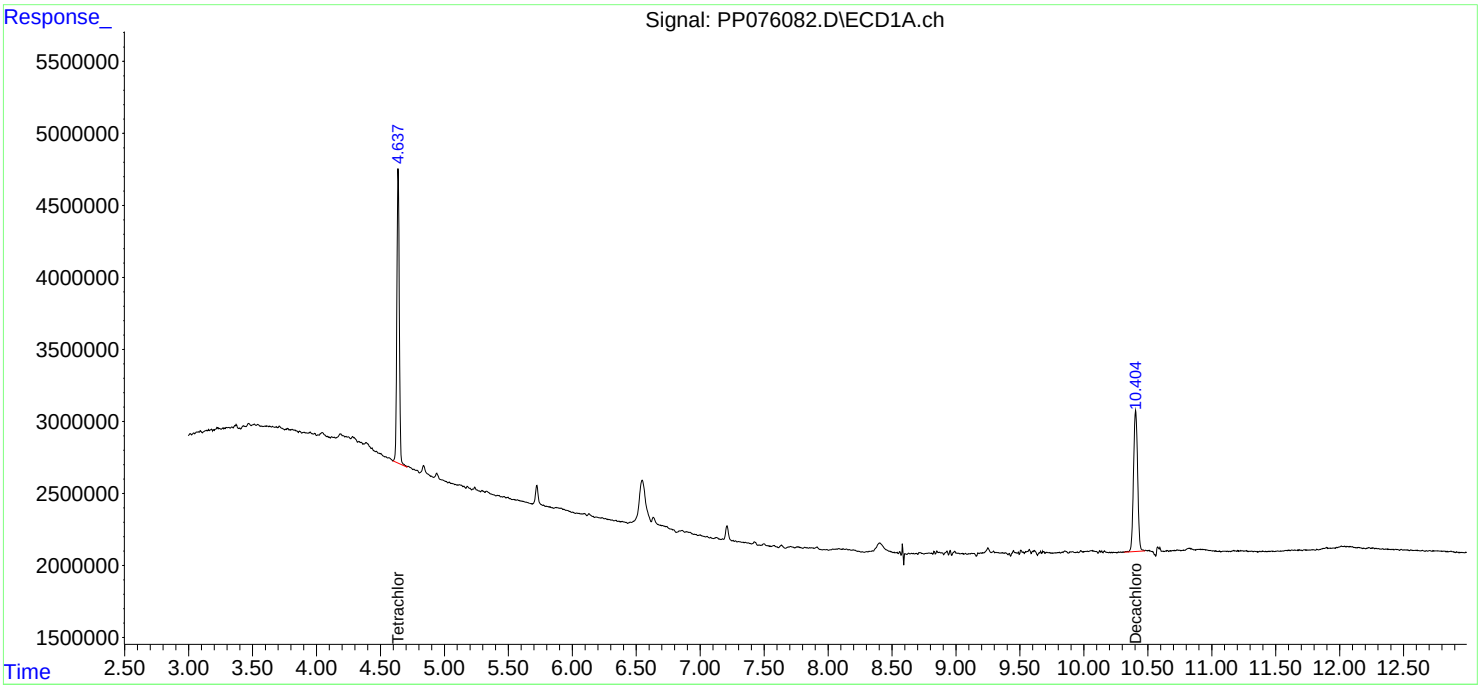
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

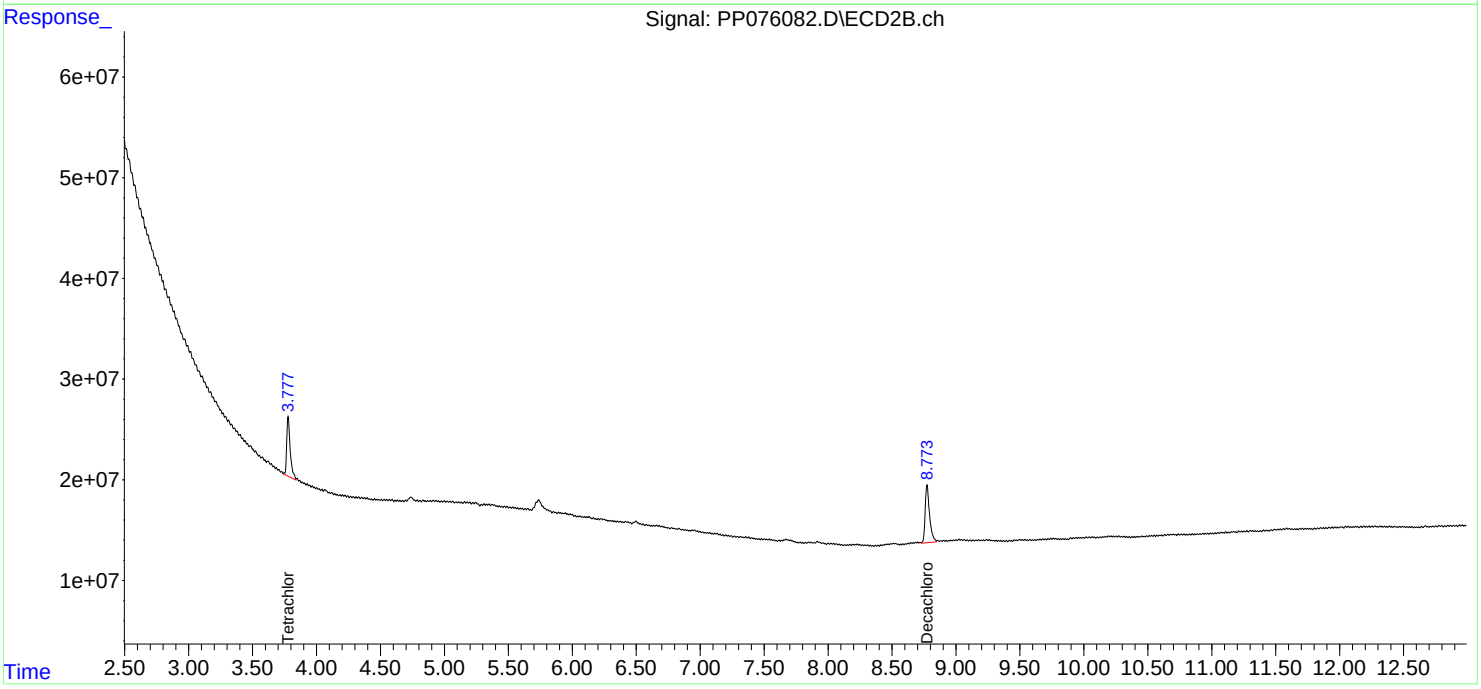
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 15:13
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

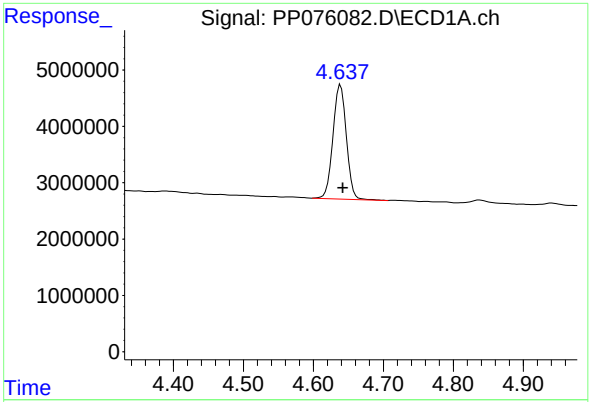
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:03:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



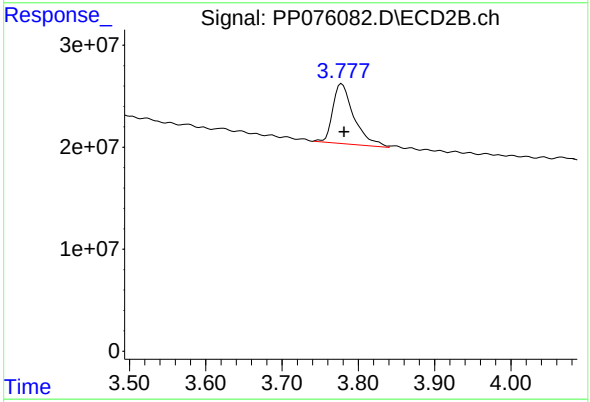




#1 Tetrachloro-m-xylene

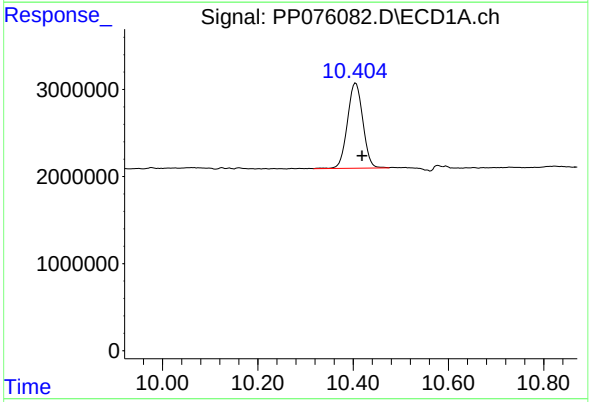
R.T.: 4.639 min
Delta R.T.: -0.003 min
Response: 27067383
Conc: 18.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



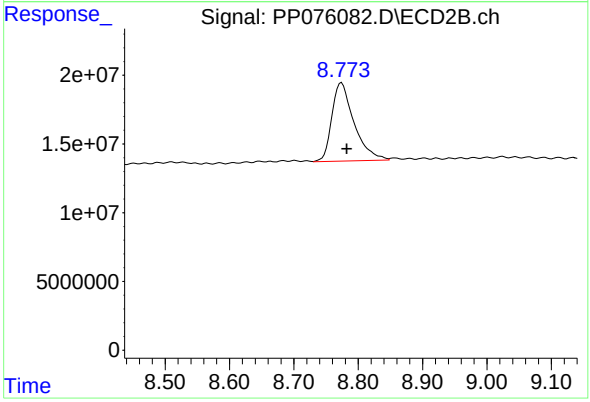
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 113248293
Conc: 17.11 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 21916774
Conc: 20.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.774 min
Delta R.T.: -0.008 min
Response: 137057682
Conc: 16.67 ng/ml

Raw Data: **PP076097.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/27/25
Project:	RFP 905	Date Received:	10/27/25
Client Sample ID:	PIBLK-PP076097.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PP076097.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/27/25	pp102725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/27/25	pp102725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/27/25	pp102725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/27/25	pp102725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/27/25	pp102725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/27/25	pp102725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/27/25	pp102725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/27/25	pp102725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/27/25	pp102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.8			60 - 140	84%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.5			60 - 140	87%	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\PP102725\
Data File : PP076097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 20:38
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:07:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.637	3.779	26678691	111.2E6	18.668	16.806
2)	SA Decachlor...	10.404	8.772	22009255	143.8E6	20.445	17.486
	Target Compounds						

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

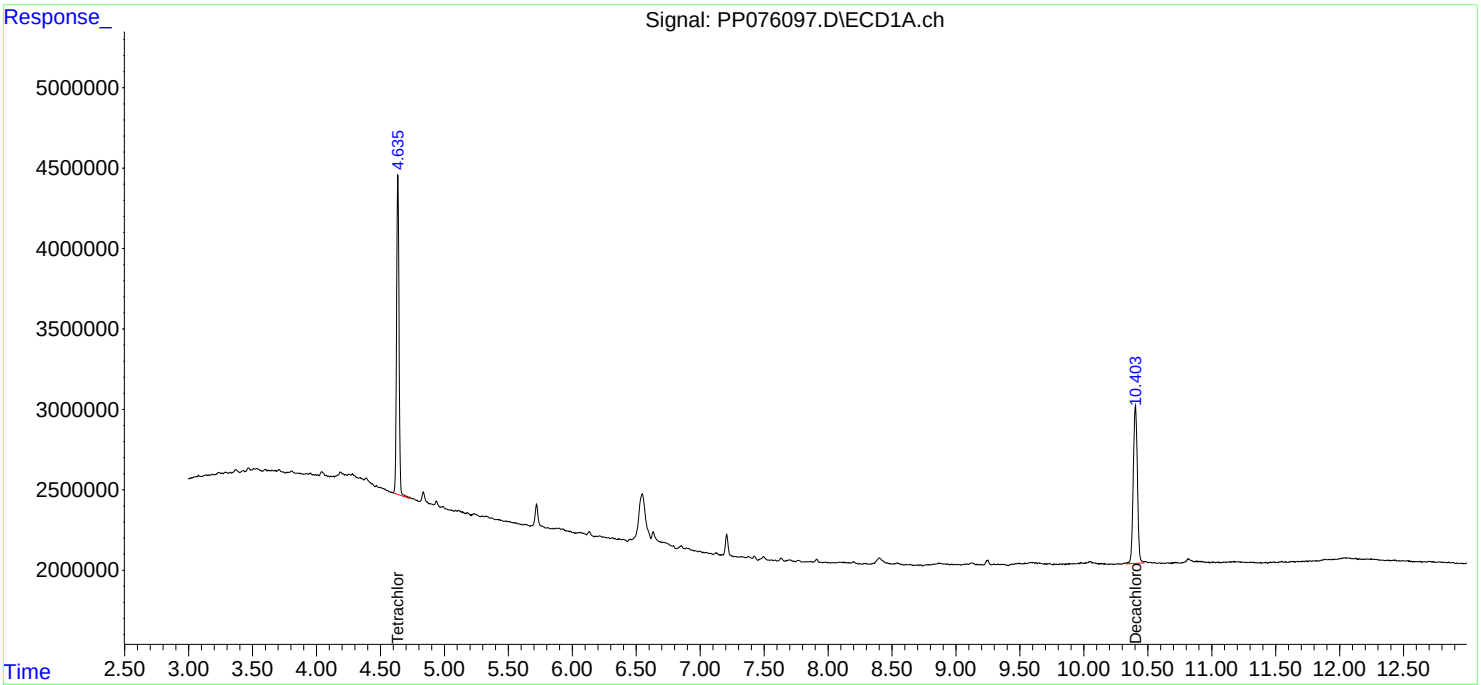
Sample Results: **PP076097.D**

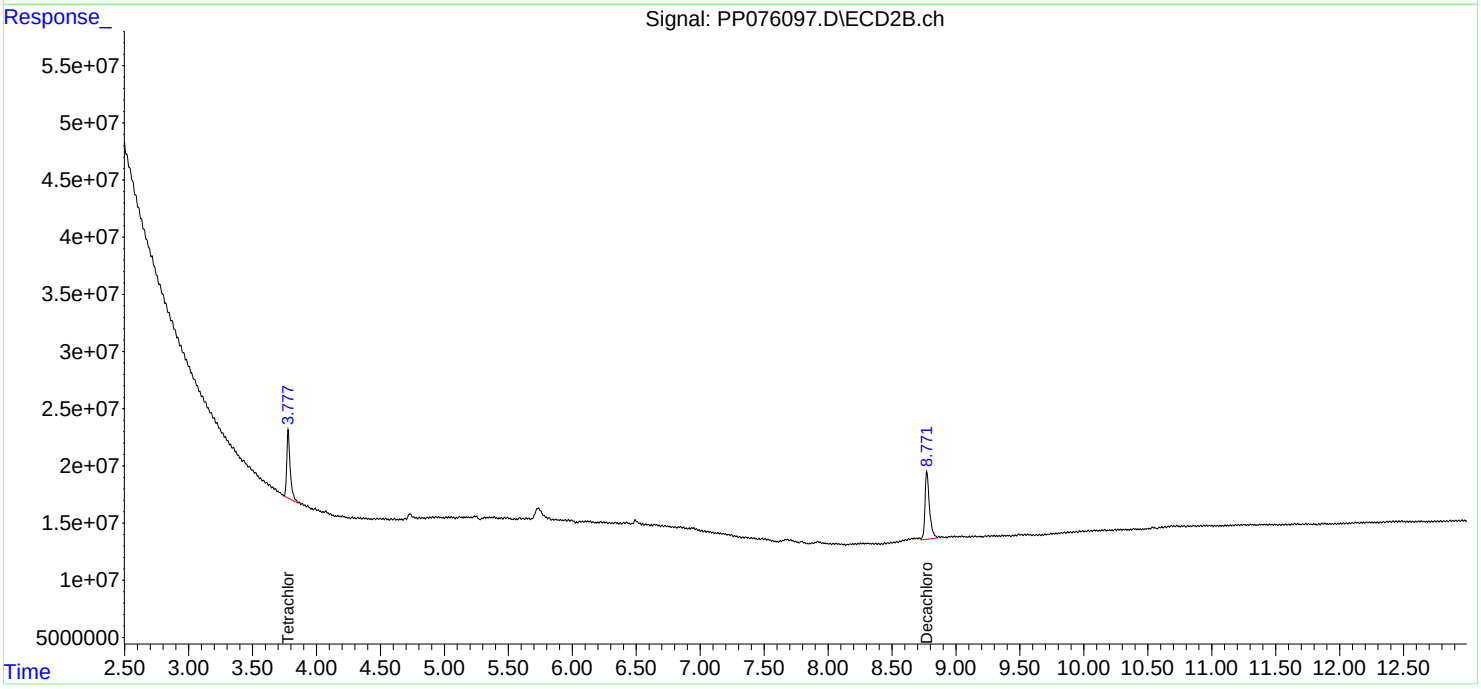
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076097.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 20:38
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

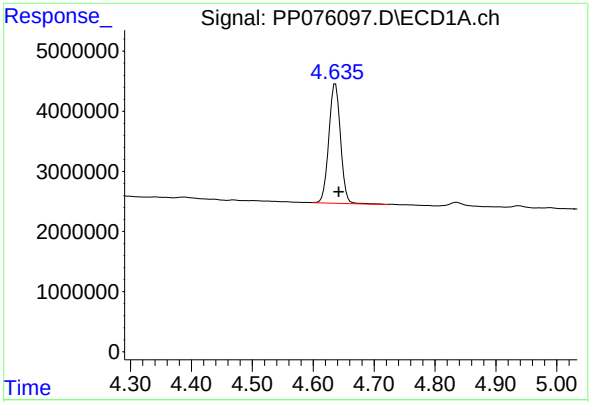
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 01:07:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



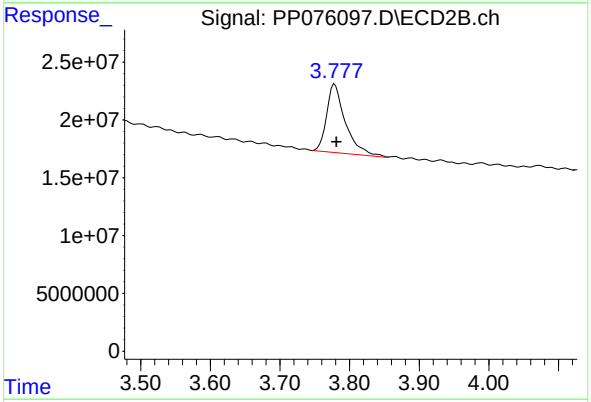




#1 Tetrachloro-m-xylene

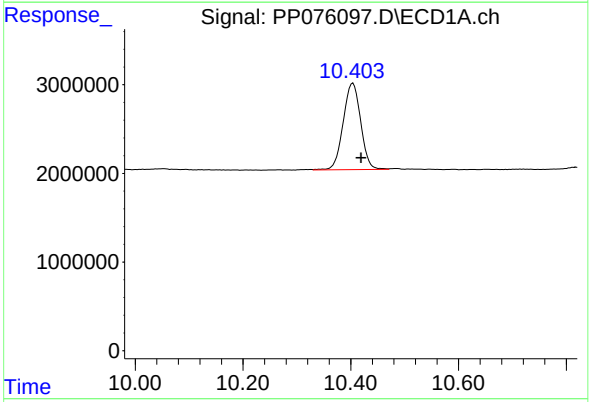
R.T.: 4.637 min
Delta R.T.: -0.005 min
Response: 26678691
Conc: 18.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



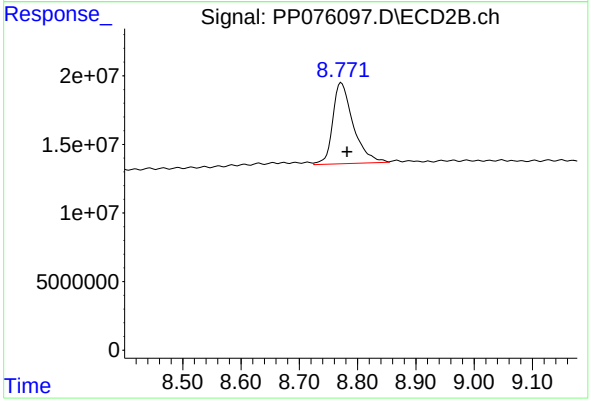
#1 Tetrachloro-m-xylene

R.T.: 3.779 min
Delta R.T.: -0.003 min
Response: 111229831
Conc: 16.81 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.015 min
Response: 22009255
Conc: 20.44 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.772 min
Delta R.T.: -0.010 min
Response: 143789161
Conc: 17.49 ng/ml

Raw Data: **PP076115.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/28/25
Project:	RFP 905	Date Received:	10/28/25
Client Sample ID:	PIBLK-PP076115.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PP076115.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/28/25	PP102825
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/28/25	PP102825
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/28/25	PP102825
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/28/25	PP102825
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/28/25	PP102825
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/28/25	PP102825
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/28/25	PP102825
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/28/25	PP102825
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/28/25	PP102825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.2			60 - 140	81%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.9			60 - 140	79%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 10:48
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:53:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.640	3.782	26178136	107.3E6	18.318	16.219
2)	SA Decachlor...	10.406	8.775	20840605	130.6E6	19.359	15.888
	Target Compounds						

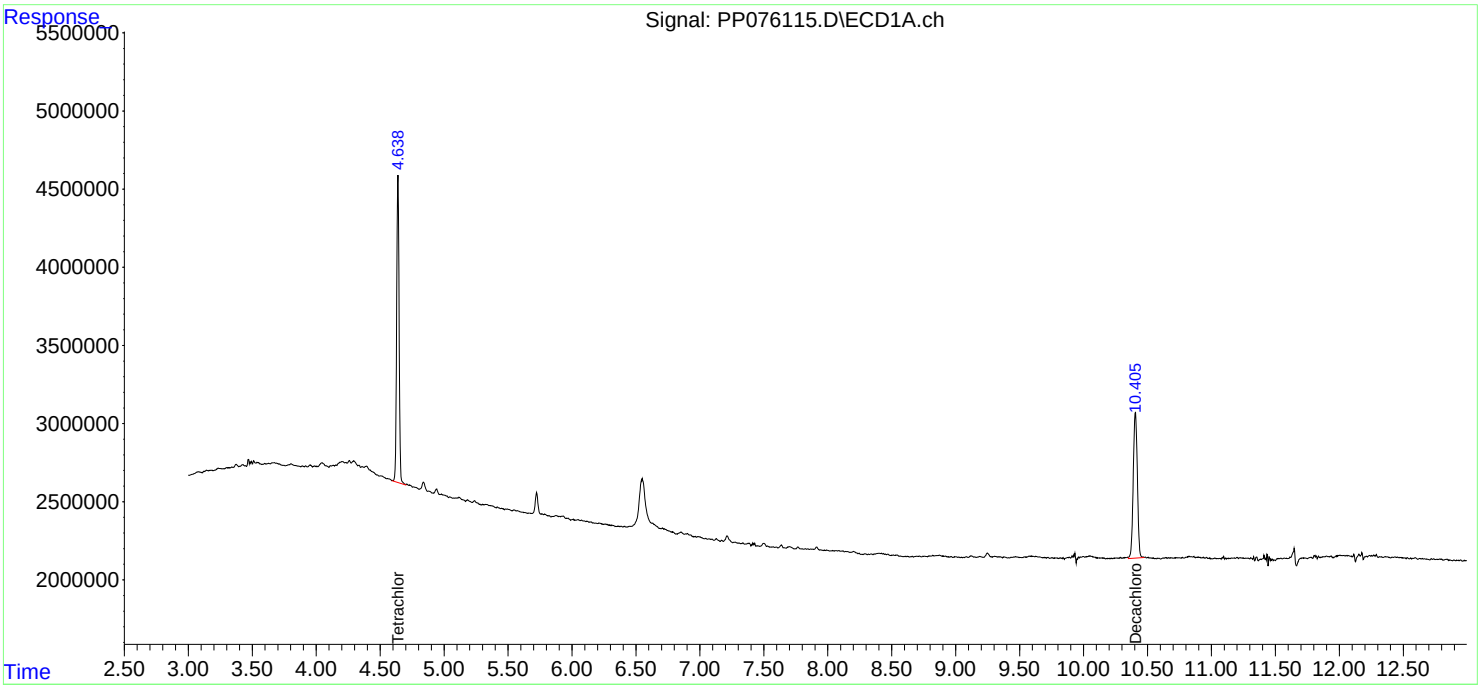
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

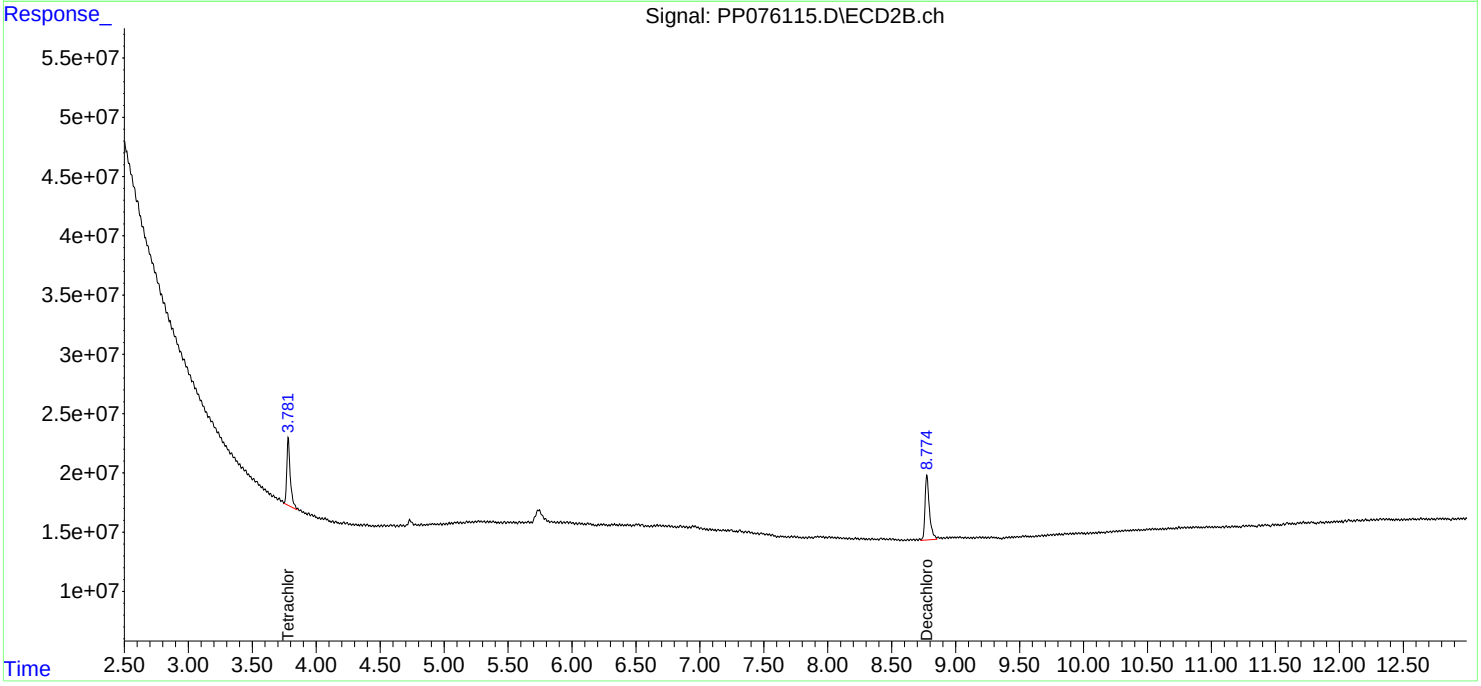
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076115.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 10:48
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

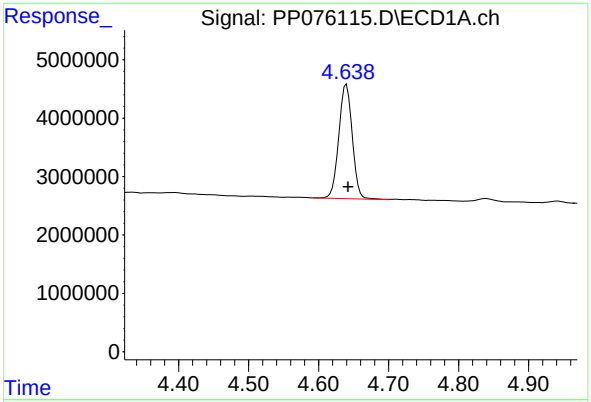
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 11:53:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



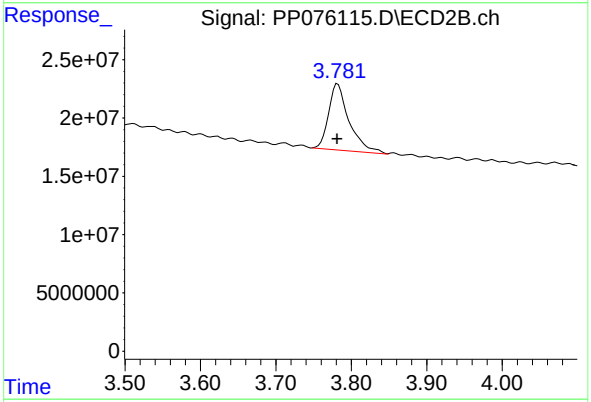




#1 Tetrachloro-m-xylene

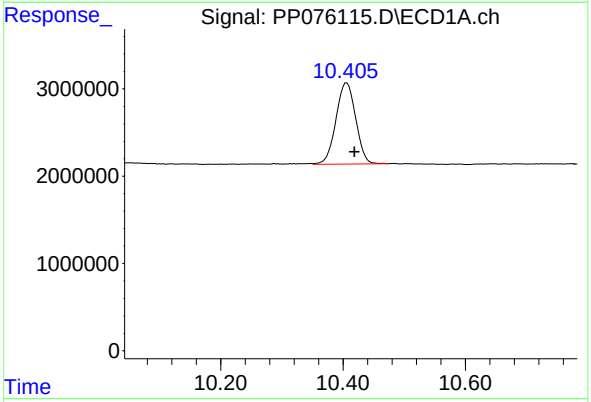
R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 26178136
Conc: 18.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



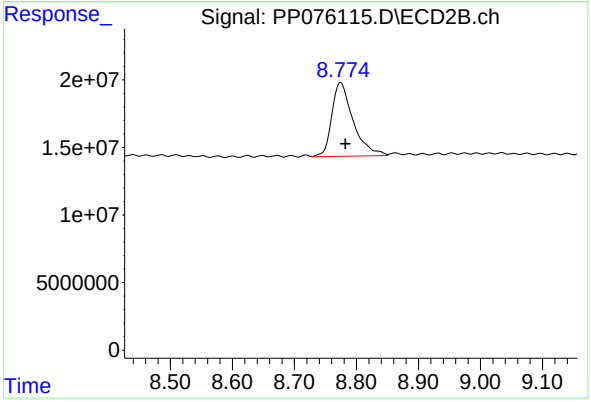
#1 Tetrachloro-m-xylene

R.T.: 3.782 min
Delta R.T.: 0.000 min
Response: 107342690
Conc: 16.22 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.406 min
Delta R.T.: -0.013 min
Response: 20840605
Conc: 19.36 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 130647935
Conc: 15.89 ng/ml

Raw Data: **PP076131.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/28/25
Project:	RFP 905	Date Received:	10/28/25
Client Sample ID:	PIBLK-PP076131.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PP076131.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/28/25	pp102825
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/28/25	pp102825
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/28/25	pp102825
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/28/25	pp102825
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/28/25	pp102825
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/28/25	pp102825
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/28/25	pp102825
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/28/25	pp102825
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/28/25	pp102825
SURROGATES									
877-09-8	Tetrachloro-m-xylene	16.3			60 - 140	81%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.2			60 - 140	81%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:57
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.638	3.778	25628281	107.6E6	17.933	16.258
2)	SA Decachlor...	10.405	8.773	20205782	133.1E6	18.769	16.183
	Target Compounds						

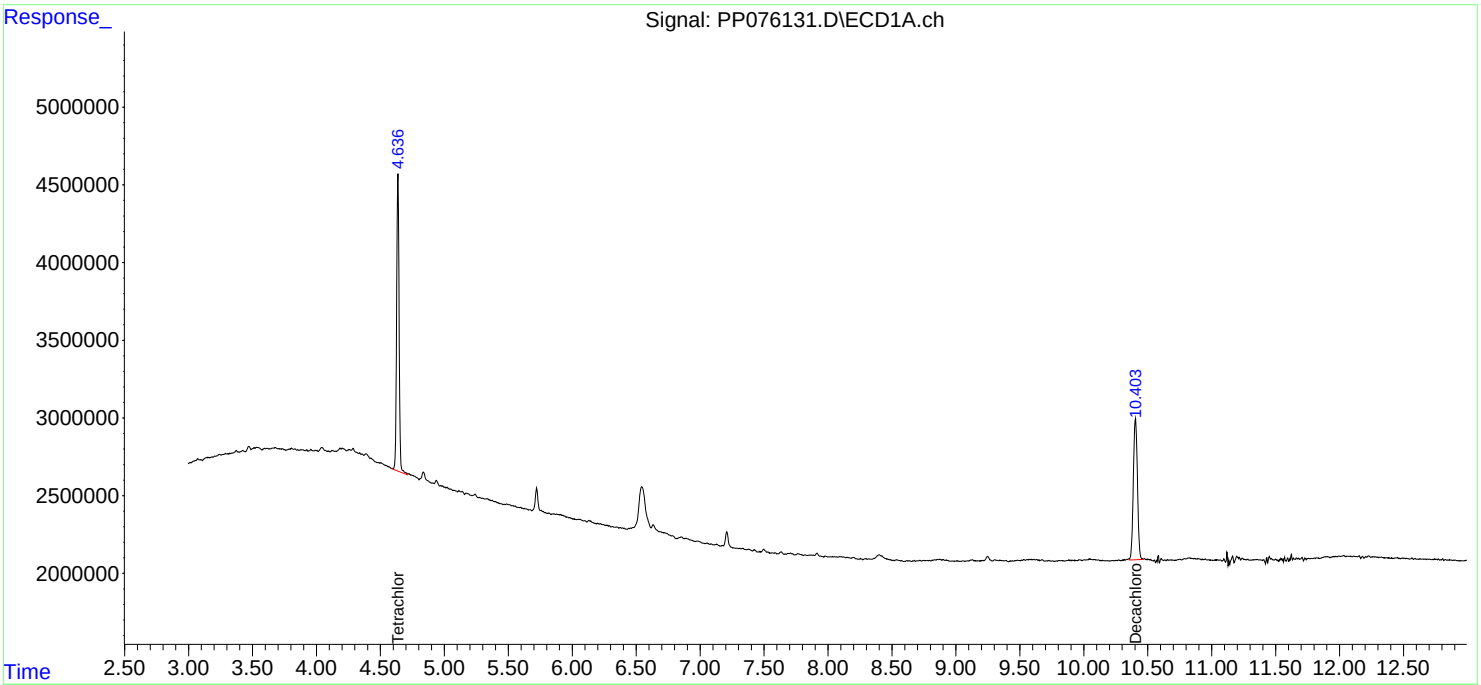
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

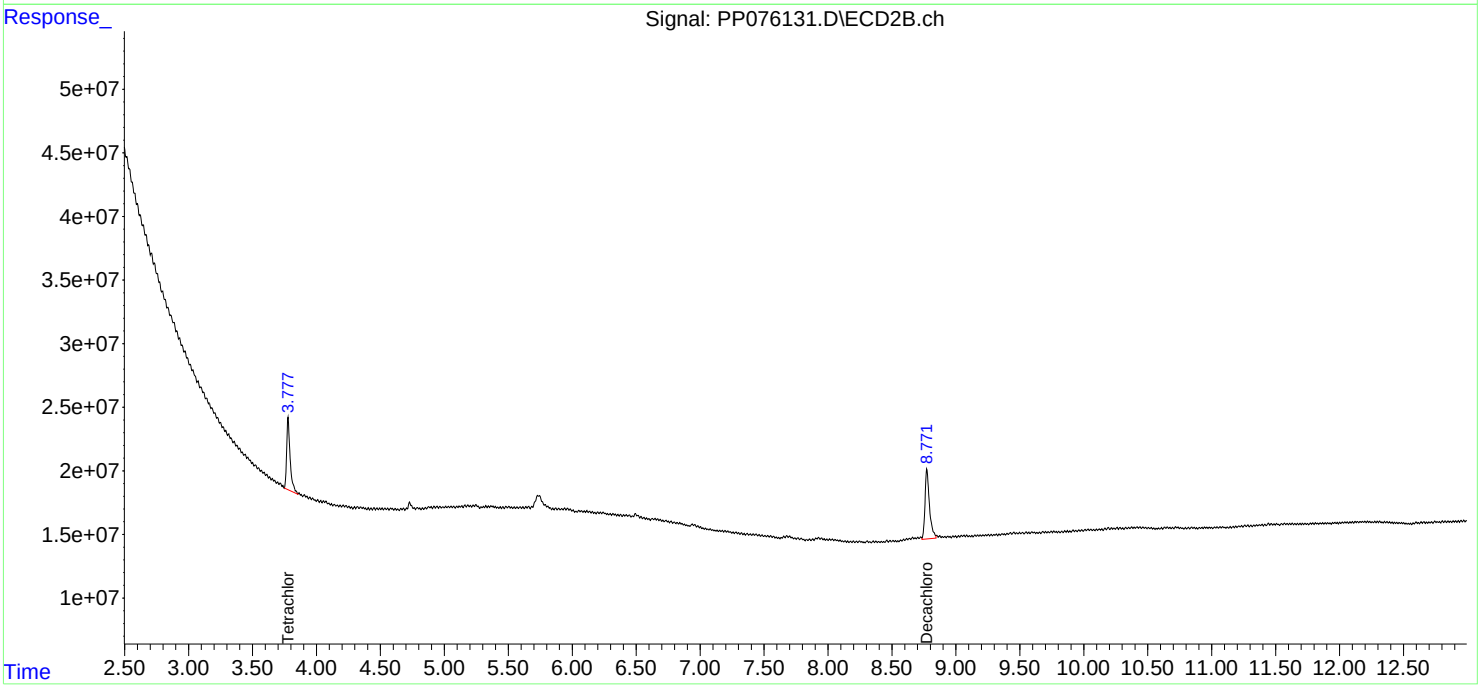
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102825\
Data File : PP076131.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Oct 2025 15:57
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

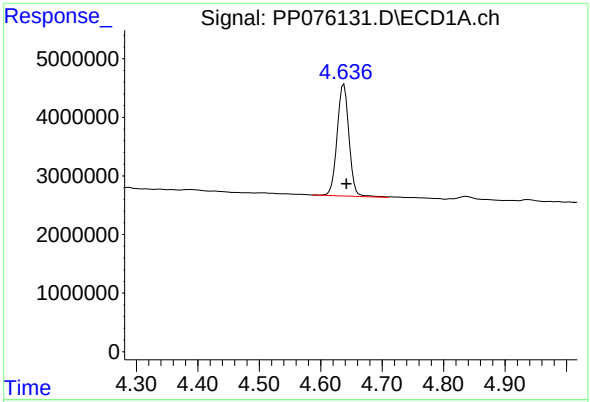
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 29 01:41:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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



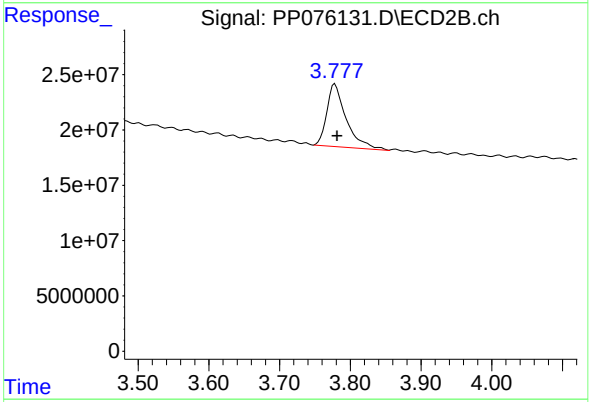




#1 Tetrachloro-m-xylene

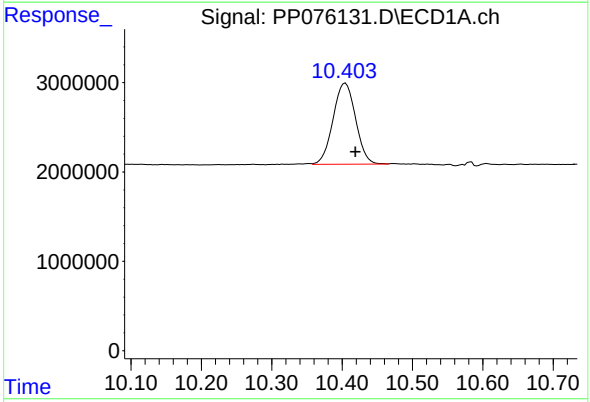
R.T.: 4.638 min
Delta R.T.: -0.004 min
Response: 25628281
Conc: 17.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK



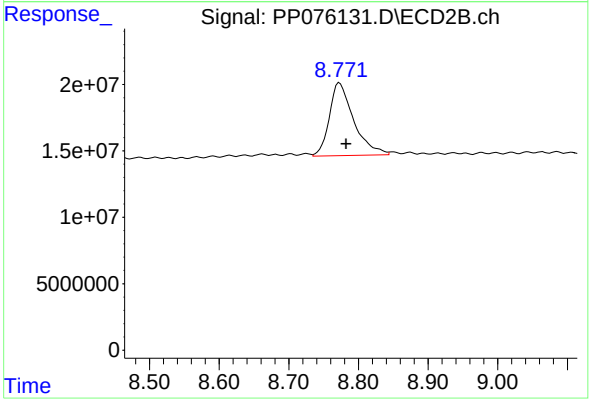
#1 Tetrachloro-m-xylene

R.T.: 3.778 min
Delta R.T.: -0.003 min
Response: 107599169
Conc: 16.26 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.405 min
Delta R.T.: -0.014 min
Response: 20205782
Conc: 18.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.773 min
Delta R.T.: -0.009 min
Response: 133074222
Conc: 16.18 ng/ml

Raw Data: **PQ070972.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/10/25
Project:	RFP 905	Date Received:	10/10/25
Client Sample ID:	PIBLK-PQ070972.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PQ070972.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/10/25	pq101025
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/10/25	pq101025
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/10/25	pq101025
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/10/25	pq101025
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/10/25	pq101025
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/10/25	pq101025
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/10/25	pq101025
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/10/25	pq101025
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/10/25	pq101025
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.3			60 - 140	91%	SPK: 20		
2051-24-3	Decachlorobiphenyl	19.0			60 - 140	95%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.400	2.778	79509611	97022264	18.277	19.099
2)	SA Decachlor...	8.496	7.533	55246960	97962147	19.025	19.400
	Target Compounds						

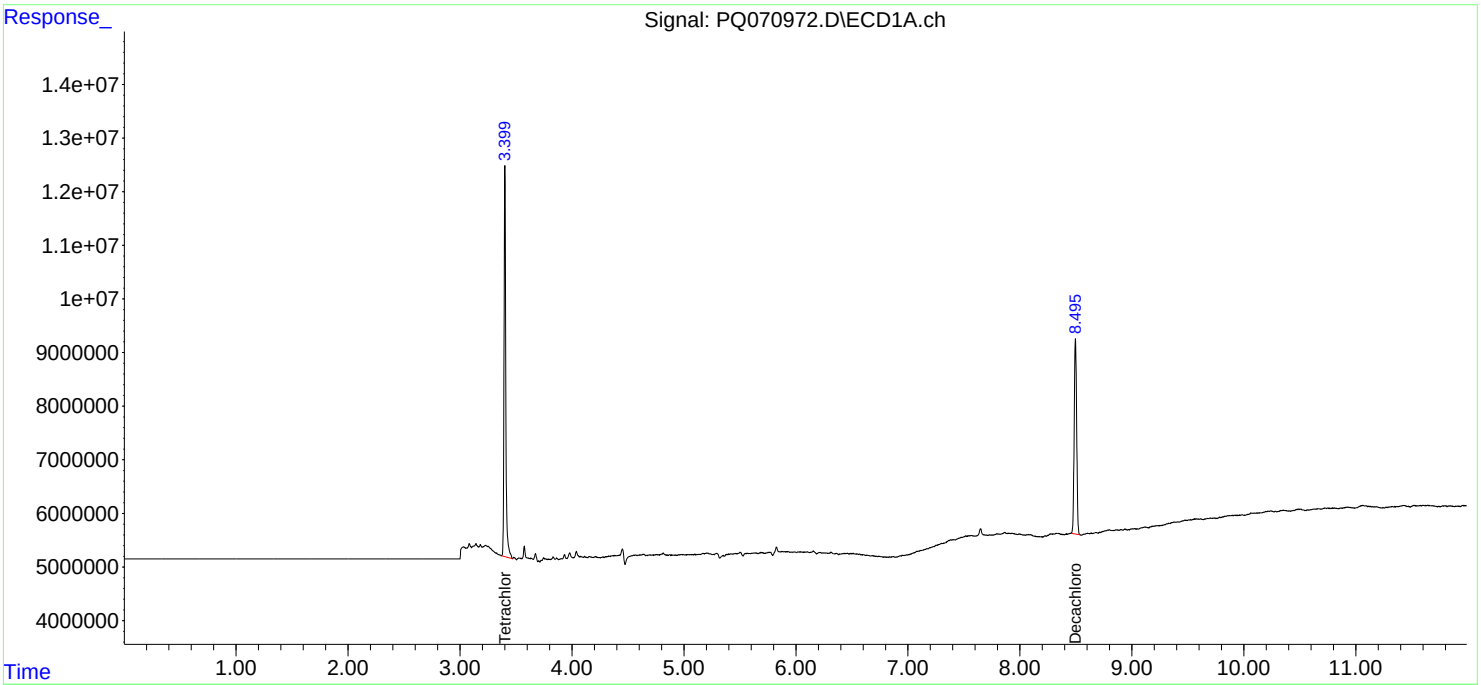
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

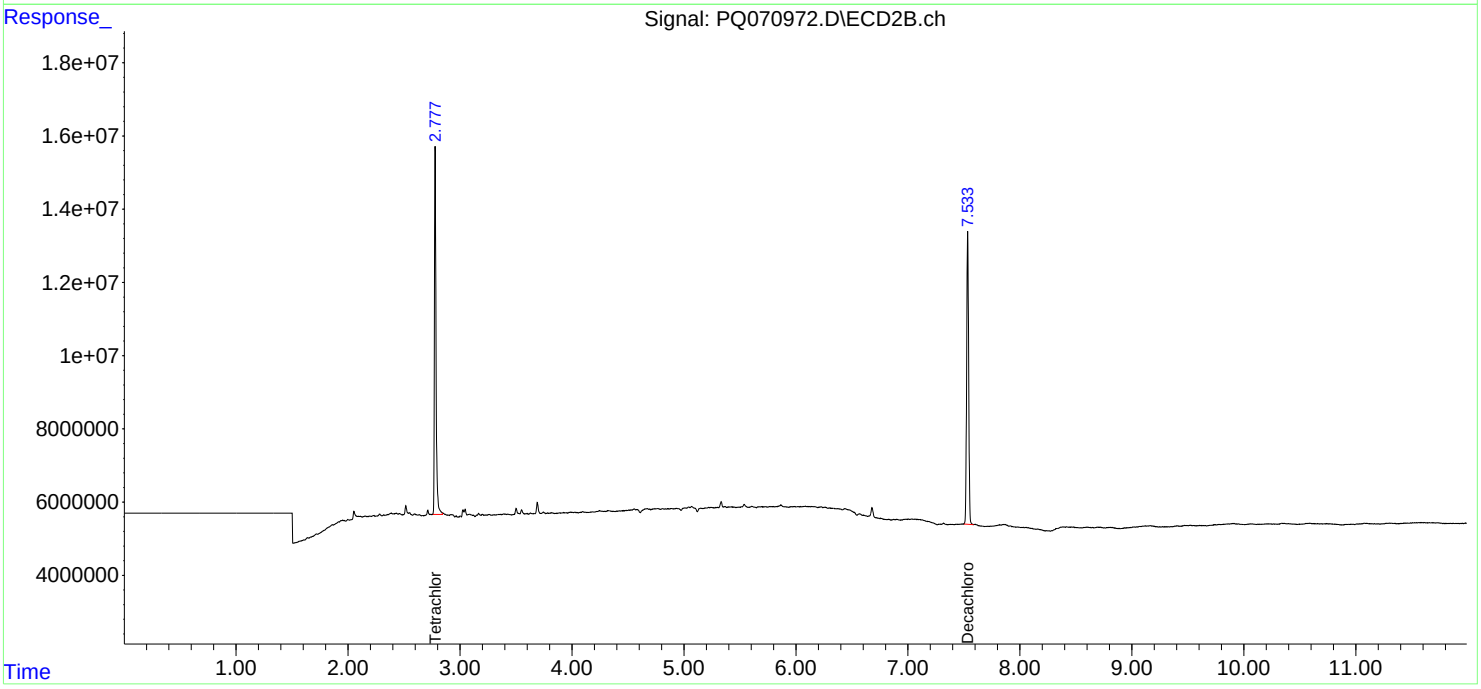
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101025\
Data File : PQ070972.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Oct 2025 08:42
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

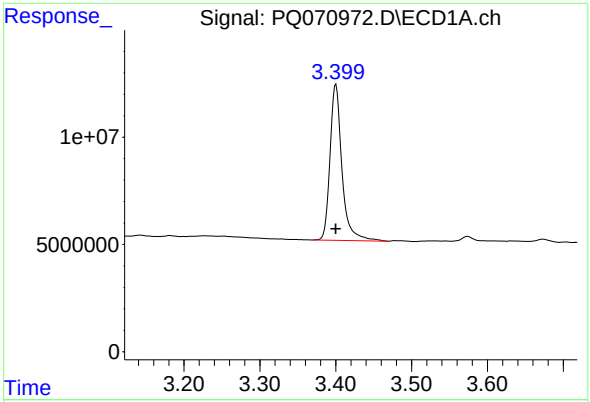
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 10 17:32:33 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 10 17:24:38 2025
Response via : Initial Calibration
Integrator: ChemStation

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



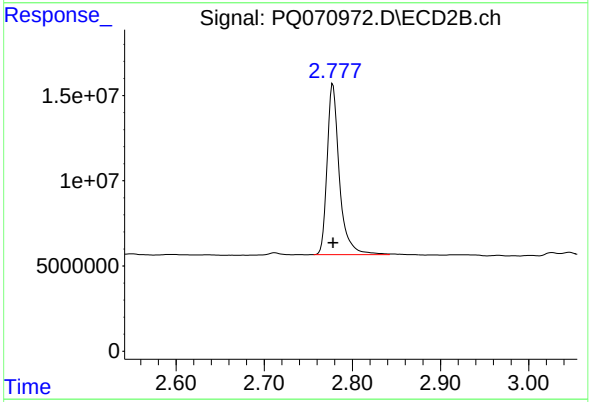




#1 Tetrachloro-m-xylene

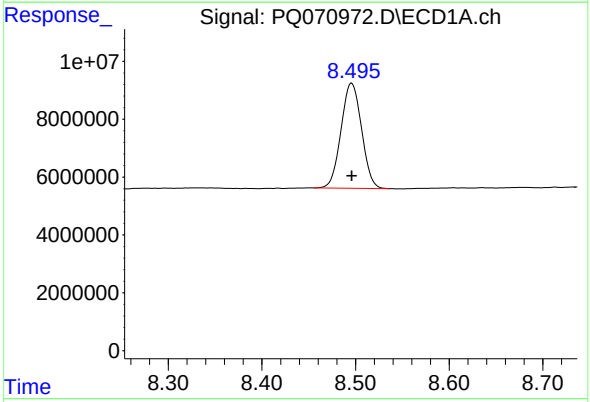
R.T.: 3.400 min
Delta R.T.: 0.000 min
Response: 79509611
Conc: 18.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



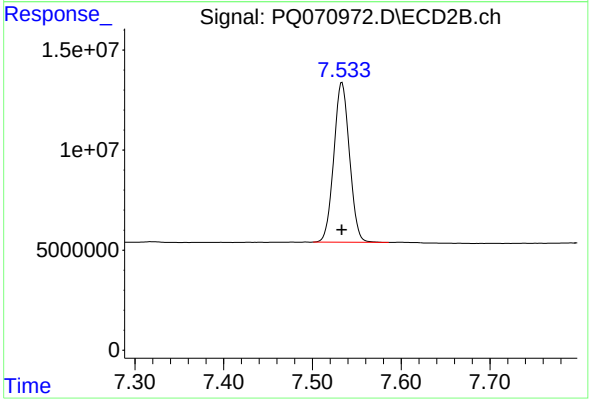
#1 Tetrachloro-m-xylene

R.T.: 2.778 min
Delta R.T.: 0.000 min
Response: 97022264
Conc: 19.10 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 55246960
Conc: 19.02 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 97962147
Conc: 19.40 ng/ml

Raw Data: **PQ071150.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/27/25
Project:	RFP 905	Date Received:	10/27/25
Client Sample ID:	PIBLK-PQ071150.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PQ071150.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/27/25	PQ102725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/27/25	PQ102725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/27/25	PQ102725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/27/25	PQ102725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/27/25	PQ102725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/27/25	PQ102725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/27/25	PQ102725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/27/25	PQ102725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/27/25	PQ102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	19.9			60 - 140	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.5			60 - 140	122%	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: **PQ071150.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.401	2.776	97916618	101.1E6	22.508	19.909
2)	SA Decachlor...	8.497	7.532	74642604	123.6E6	25.704	24.472
	Target Compounds						

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

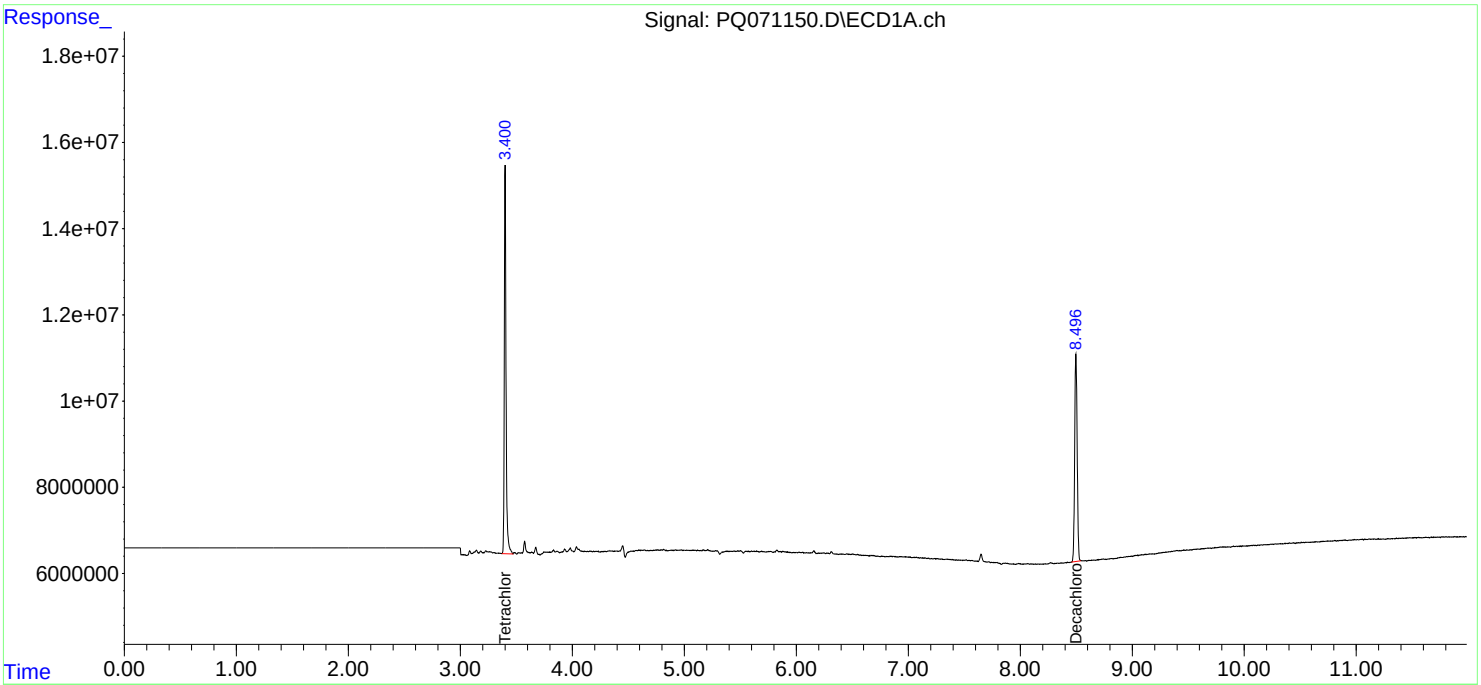
Sample Results: **PQ071150.D**

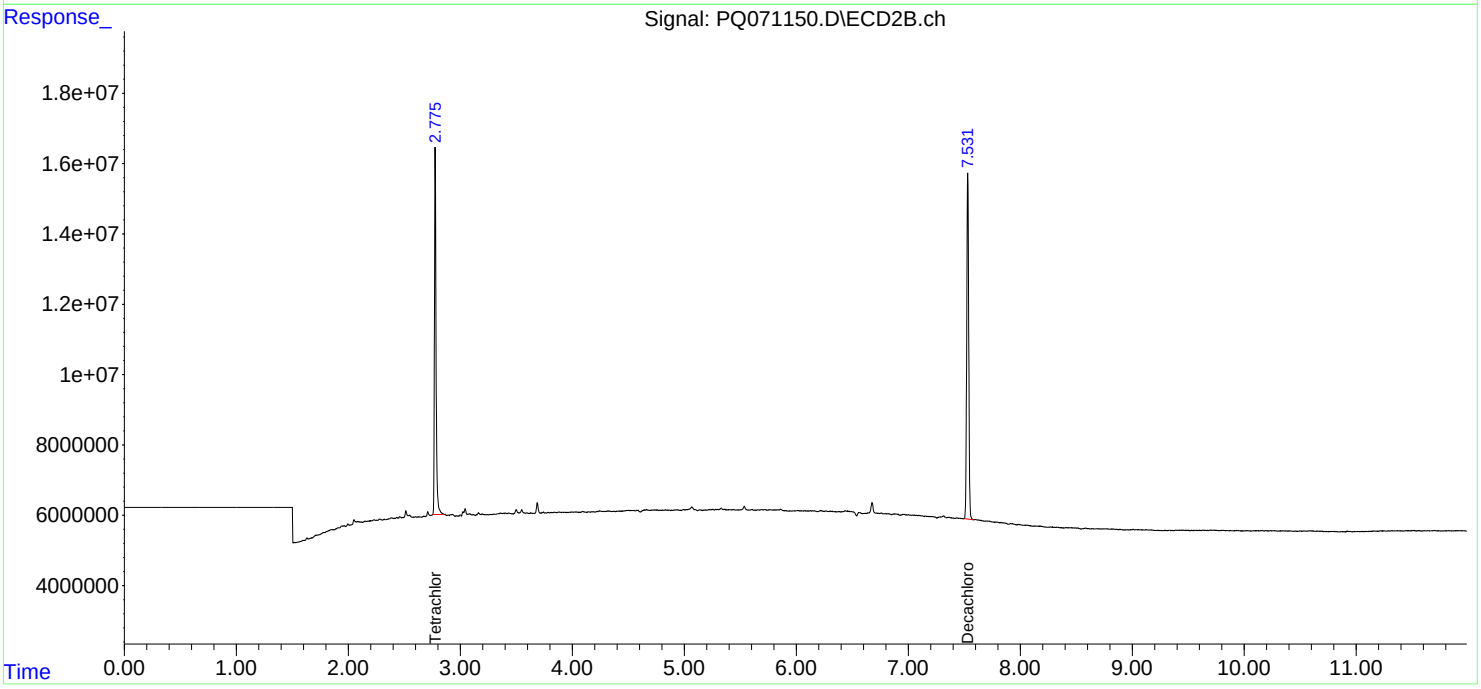
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071150.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:11
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

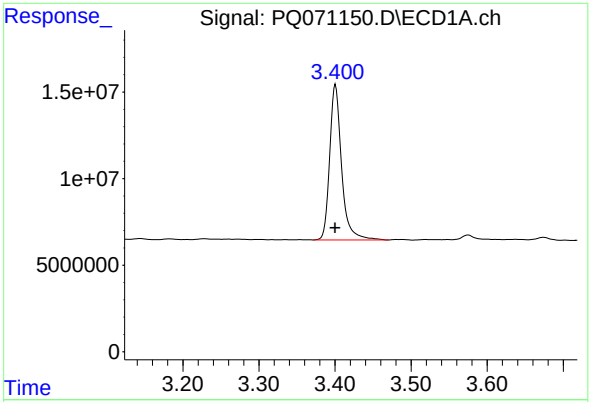
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:28:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



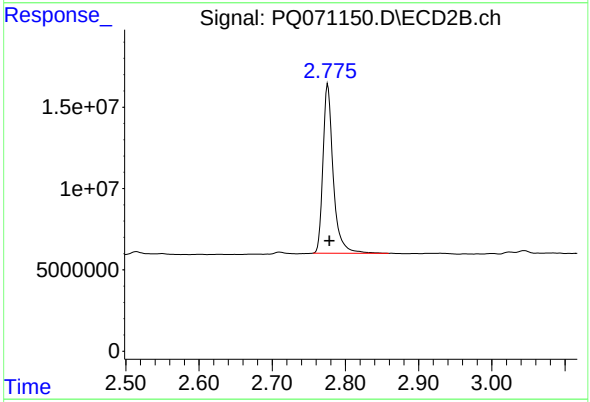




#1 Tetrachloro-m-xylene

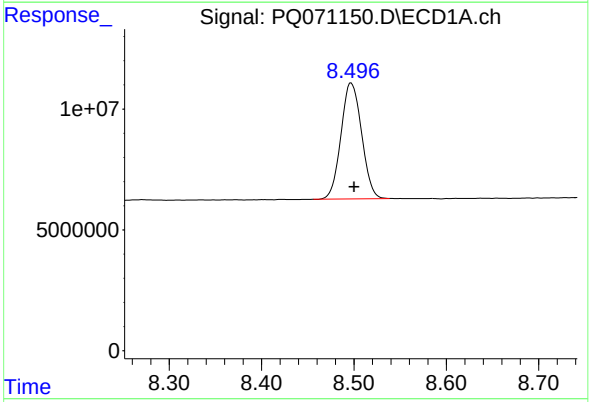
R.T.: 3.401 min
Delta R.T.: 0.000 min
Response: 97916618
Conc: 22.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



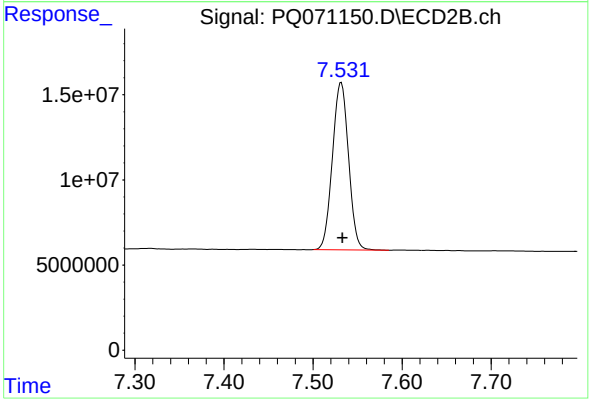
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 101136067
Conc: 19.91 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 74642604
Conc: 25.70 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.532 min
Delta R.T.: -0.001 min
Response: 123572351
Conc: 24.47 ng/ml

Raw Data: **PQ071165.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/27/25
Project:	RFP 905	Date Received:	10/27/25
Client Sample ID:	PIBLK-PQ071165.D	SDG No.:	Q3447
Lab Sample ID:	I.BLK-PQ071165.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000 mL Final Vol: 10000 uL	Test:	PCB
Prep Method:	5030 Prep Date		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	0.097	U	1	0.097	0.50	ug/L	10/27/25	PQ102725
11104-28-2	Aroclor-1221	0.13	U	1	0.13	0.50	ug/L	10/27/25	PQ102725
11141-16-5	Aroclor-1232	0.096	U	1	0.096	0.50	ug/L	10/27/25	PQ102725
53469-21-9	Aroclor-1242	0.12	U	1	0.12	0.50	ug/L	10/27/25	PQ102725
12672-29-6	Aroclor-1248	0.071	U	1	0.071	0.50	ug/L	10/27/25	PQ102725
11097-69-1	Aroclor-1254	0.094	U	1	0.094	0.50	ug/L	10/27/25	PQ102725
11096-82-5	Aroclor-1260	0.081	U	1	0.081	0.50	ug/L	10/27/25	PQ102725
37324-23-5	Aroclor-1262	0.14	U	1	0.14	0.50	ug/L	10/27/25	PQ102725
11100-14-4	Aroclor-1268	0.11	U	1	0.11	0.50	ug/L	10/27/25	PQ102725
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.4			60 - 140	92%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.2			60 - 140	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_Q\Data\PQ102725\
Data File : PQ071165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	88339084	93561979	20.307	18.418
2)	SA Decachlor...	8.497	7.530	68135285	112.1E6	23.463	22.205
	Target Compounds						

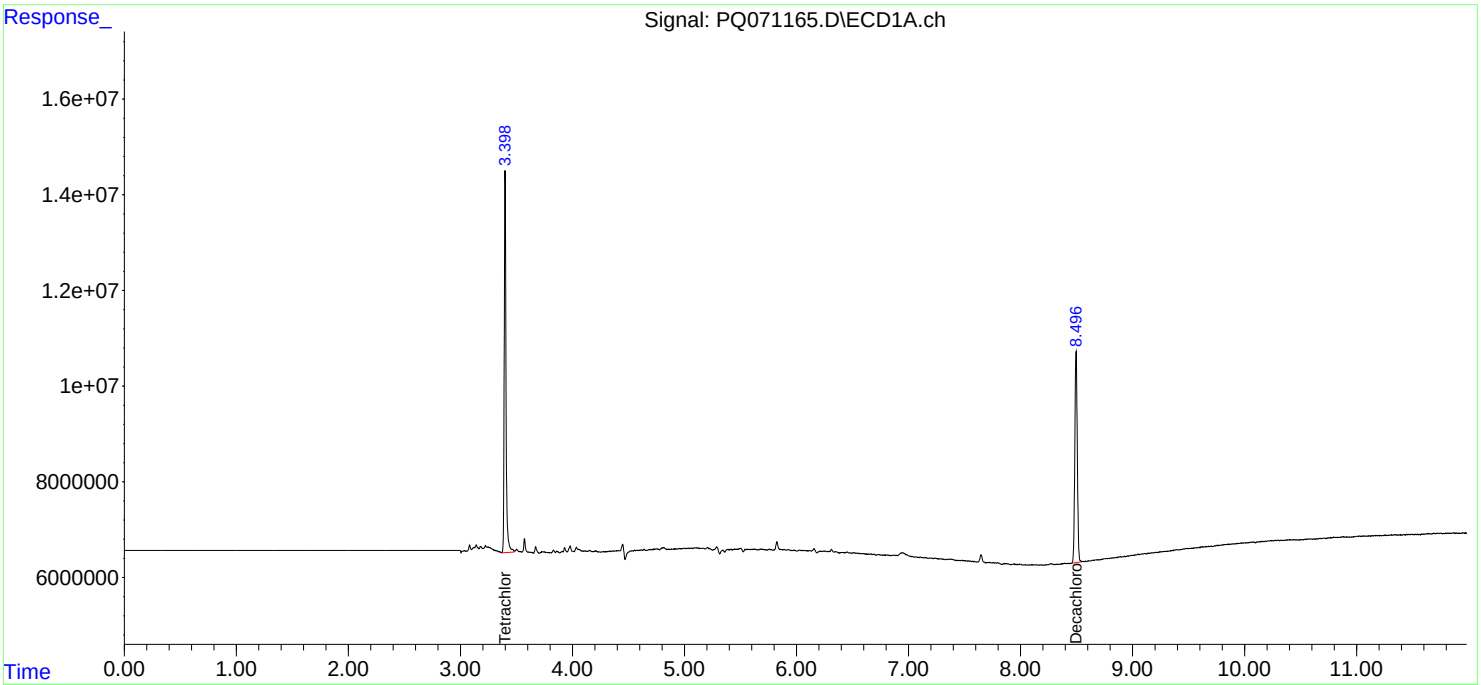
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

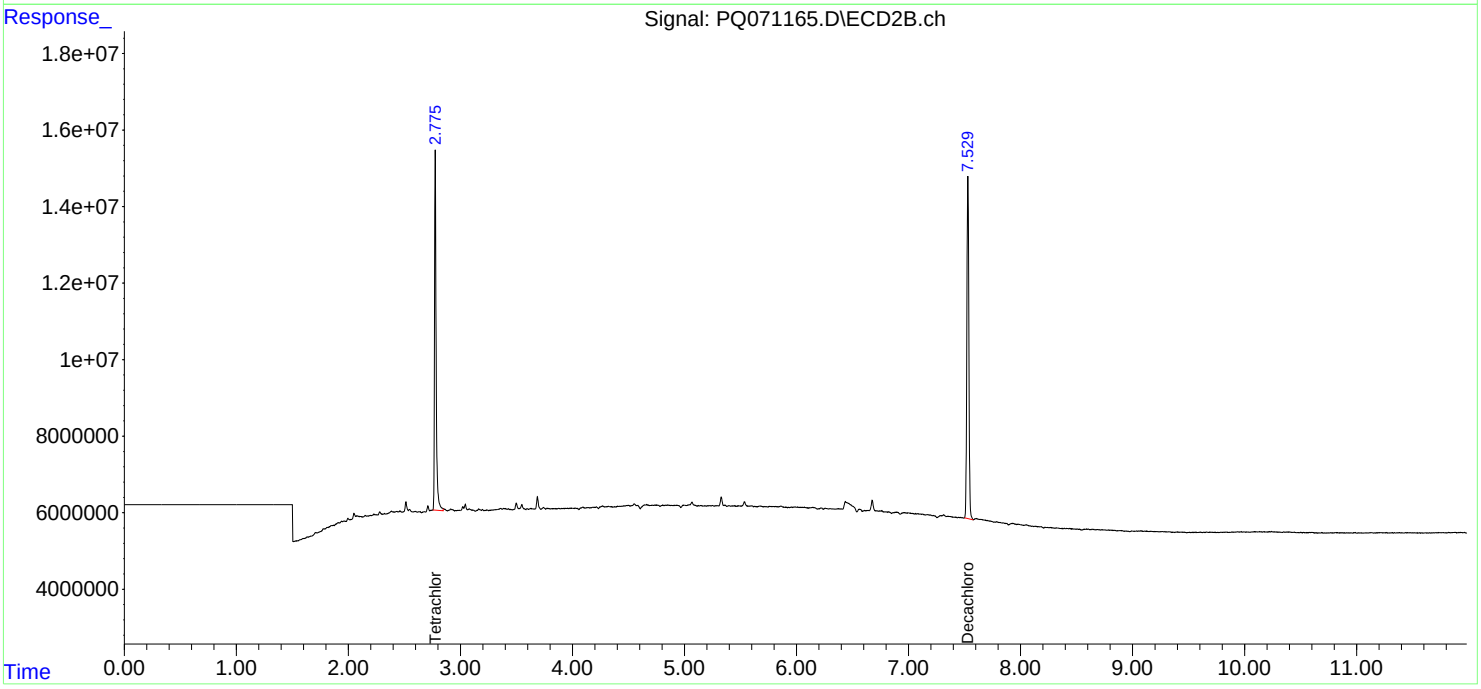
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071165.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 14:18
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

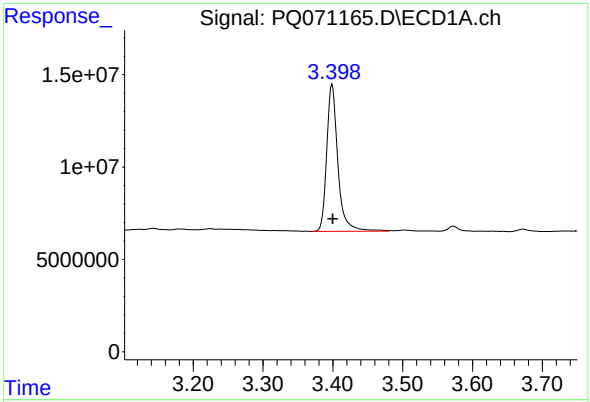
Instrument :
ECD_Q
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 00:23:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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



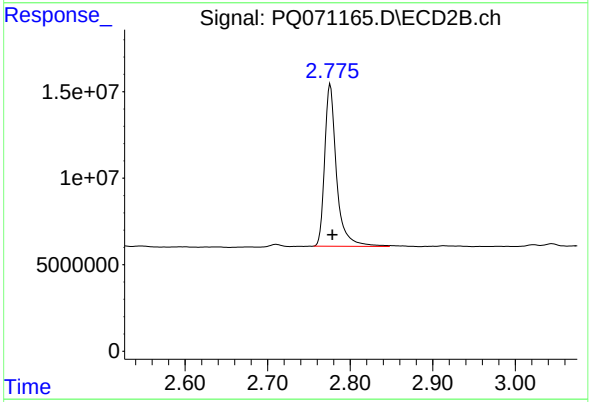




#1 Tetrachloro-m-xylene

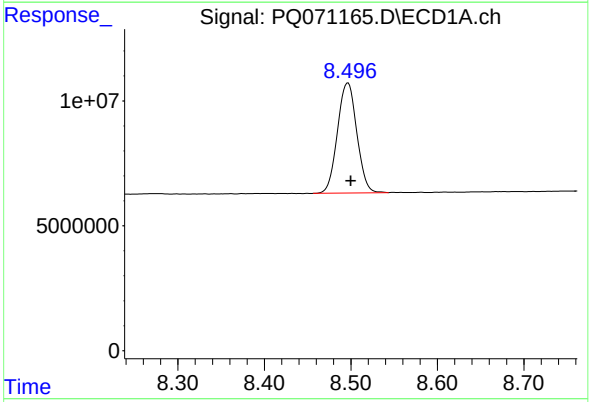
R.T.: 3.399 min
Delta R.T.: -0.001 min
Response: 88339084
Conc: 20.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
I.BLK



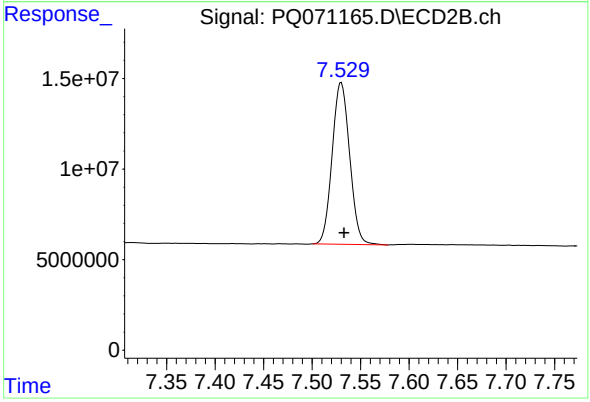
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 93561979
Conc: 18.42 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.497 min
Delta R.T.: -0.003 min
Response: 68135285
Conc: 23.46 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.530 min
Delta R.T.: -0.003 min
Response: 112123551
Conc: 22.20 ng/ml

Raw Data: **PP076069.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	
Project:	RFP 905	Date Received:	
Client Sample ID:	PB170236BS	SDG No.:	Q3447
Lab Sample ID:	PB170236BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date 10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	145		1	3.90	17.0	ug/kg	10/27/25 10:34	PB170236
11104-28-2	Aroclor-1221	4.00	U	1	4.00	17.0	ug/kg	10/27/25 10:34	PB170236
11141-16-5	Aroclor-1232	3.70	U	1	3.70	17.0	ug/kg	10/27/25 10:34	PB170236
53469-21-9	Aroclor-1242	4.00	U	1	4.00	17.0	ug/kg	10/27/25 10:34	PB170236
12672-29-6	Aroclor-1248	5.90	U	1	5.90	17.0	ug/kg	10/27/25 10:34	PB170236
11097-69-1	Aroclor-1254	3.20	U	1	3.20	17.0	ug/kg	10/27/25 10:34	PB170236
37324-23-5	Aroclor-1262	5.00	U	1	5.00	17.0	ug/kg	10/27/25 10:34	PB170236
11100-14-4	Aroclor-1268	3.60	U	1	3.60	17.0	ug/kg	10/27/25 10:34	PB170236
11096-82-5	Aroclor-1260	149		1	3.20	17.0	ug/kg	10/27/25 10:34	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.7			32 - 144	134%	SPK: 20		
2051-24-3	Decachlorobiphenyl	28.6			32 - 175	143%	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\PP102725\
Data File : PP076069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:34
Operator : YP\AJ
Sample : PB170236BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB170236BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:18:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	4.640	3.780	38149794	141.0E6	26.695m	21.306m
2)	SA Decachlor...	10.408	8.775	30747417	199.5E6	28.562	24.264
	Target Compounds						
3)	L1 AR-1016-1	5.793	4.877	25825913	292.1E6	436.794	394.687
4)	L1 AR-1016-2	5.814	4.935	39096018	134.3E6	442.042	392.888
5)	L1 AR-1016-3	5.877	5.054	24165535	75316147	436.587	366.783
6)	L1 AR-1016-4	5.974	5.095	19941002	72452629	438.840	387.684
7)	L1 AR-1016-5	6.266	5.309	18220008	81872028	419.762	359.115
31)	L7 AR-1260-1	7.383	6.335	34475825	242.2E6	501.418	442.275
32)	L7 AR-1260-2	7.636	6.522	41196225	358.0E6	459.896	440.000
33)	L7 AR-1260-3	7.994	6.675	27871115	256.4E6	402.259	455.573
34)	L7 AR-1260-4	8.220	7.144	32220662	221.2E6	469.885m	425.862
35)	L7 AR-1260-5	8.546	7.384	60142007	524.0E6	406.498	386.522

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102725\
Data File : PP076069.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:34
Operator : YP\AJ
Sample : PB170236BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

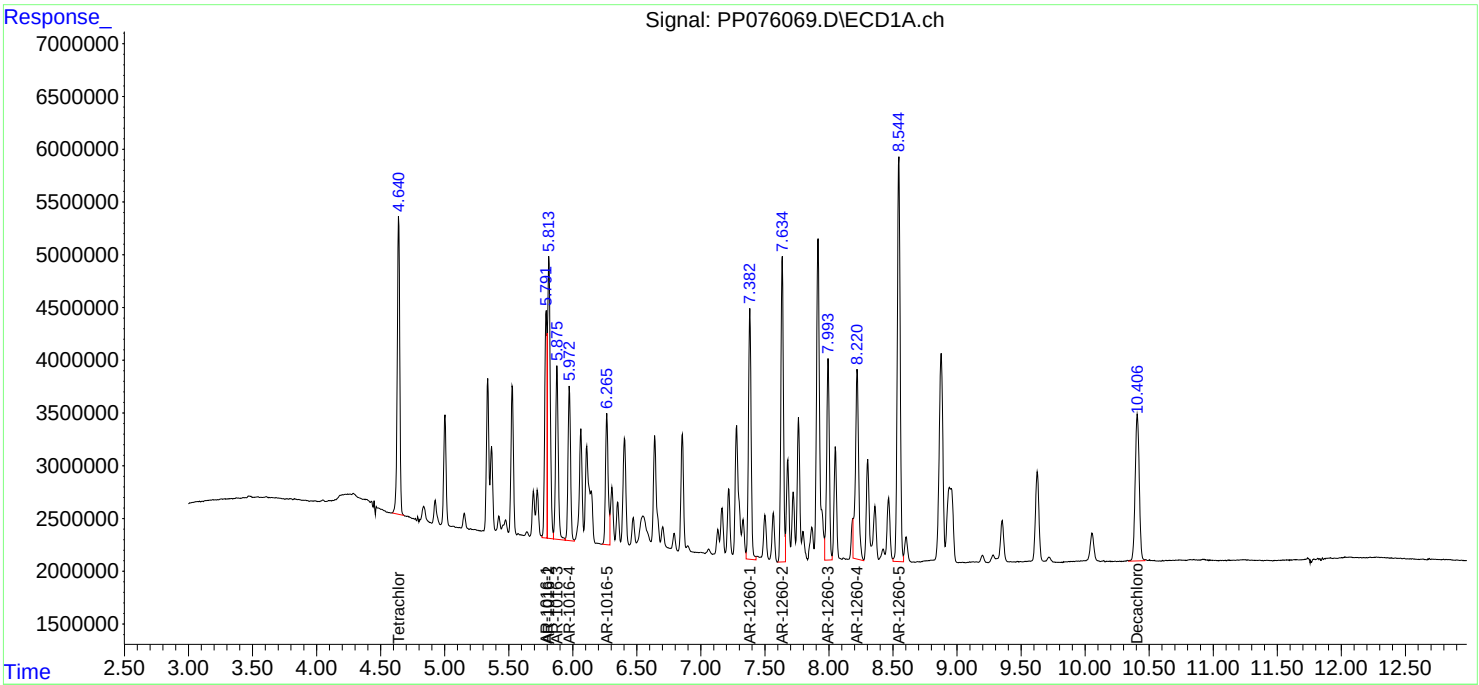
Instrument :
ECD_P
ClientSampleId :
PB170236BS

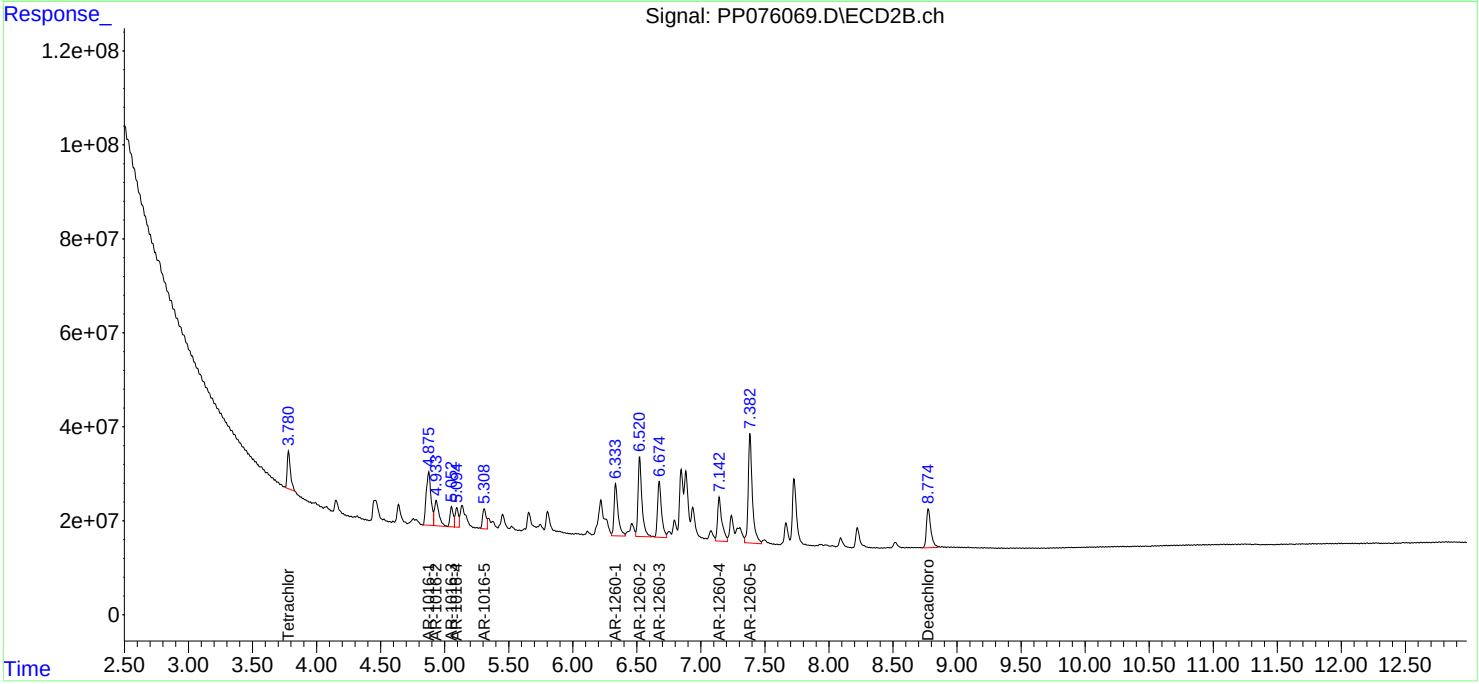
Manual Integrations APPROVED

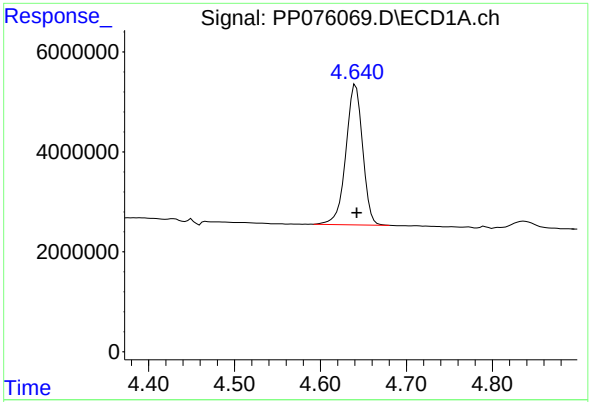
Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:18:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP102125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Oct 24 15:40:32 2025
Response via : Initial Calibration
Integrator: ChemStation

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







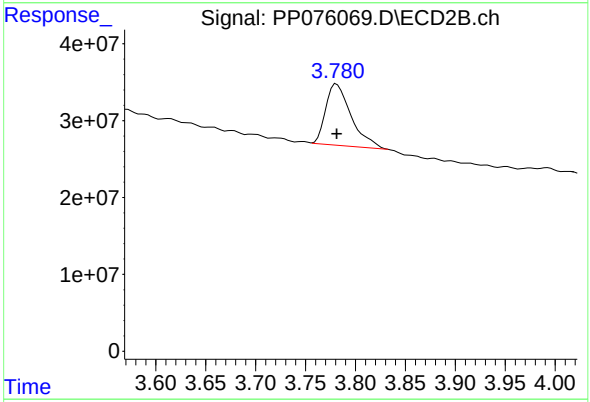
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.002 min
Response: 38149794
Conc: 26.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BS

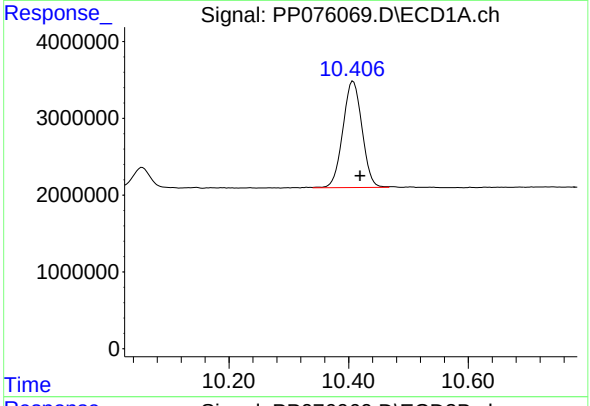
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



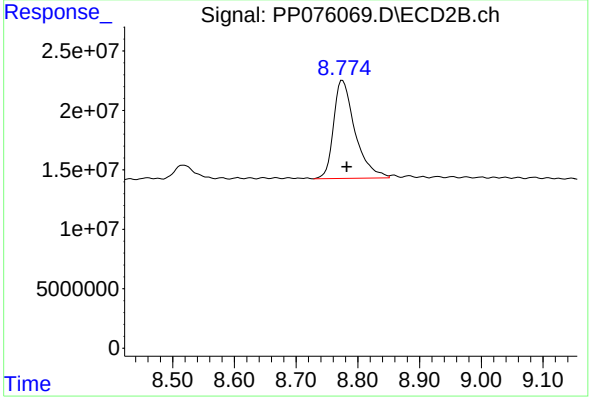
#1 Tetrachloro-m-xylene

R.T.: 3.780 min
Delta R.T.: -0.002 min
Response: 141008888
Conc: 21.31 ng/ml m



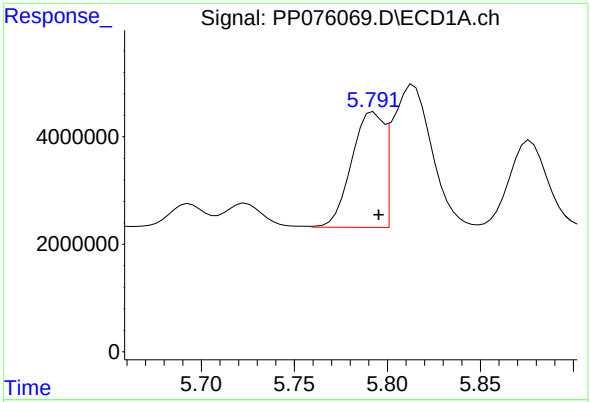
#2 Decachlorobiphenyl

R.T.: 10.408 min
Delta R.T.: -0.011 min
Response: 30747417
Conc: 28.56 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.007 min
Response: 199521138
Conc: 24.26 ng/ml



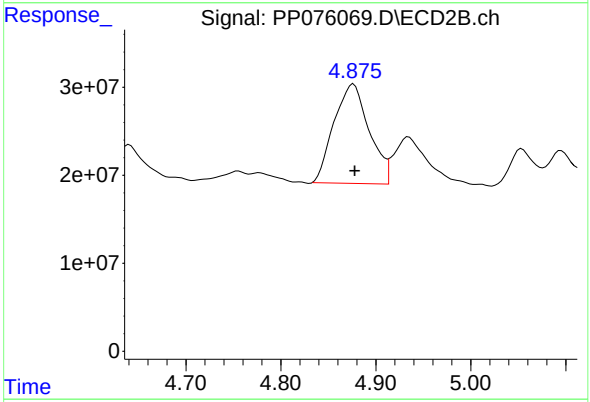
#3 AR-1016-1

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 25825913
Conc: 436.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BS

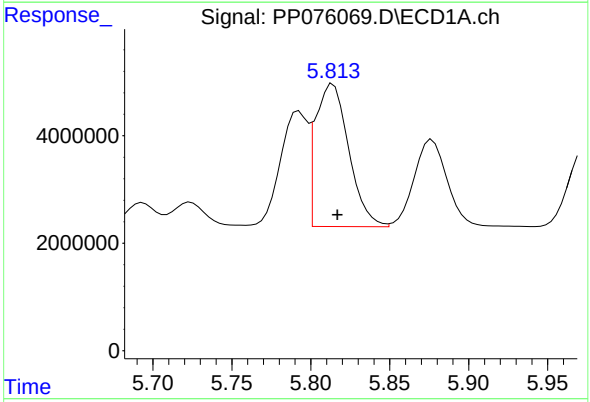
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



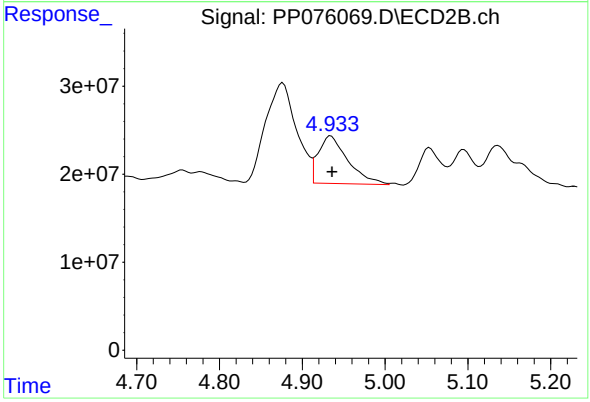
#3 AR-1016-1

R.T.: 4.877 min
Delta R.T.: -0.001 min
Response: 292136511
Conc: 394.69 ng/ml



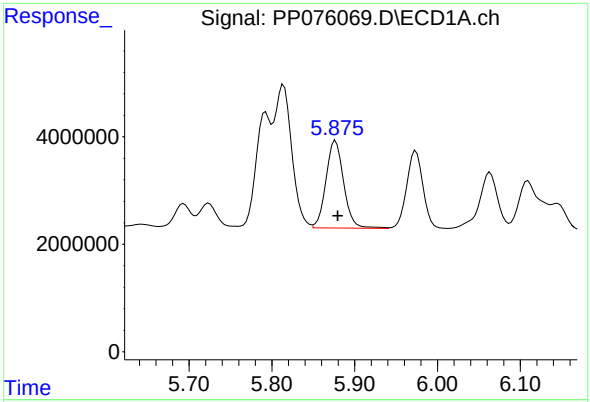
#4 AR-1016-2

R.T.: 5.814 min
Delta R.T.: -0.003 min
Response: 39096018
Conc: 442.04 ng/ml



#4 AR-1016-2

R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 134340951
Conc: 392.89 ng/ml



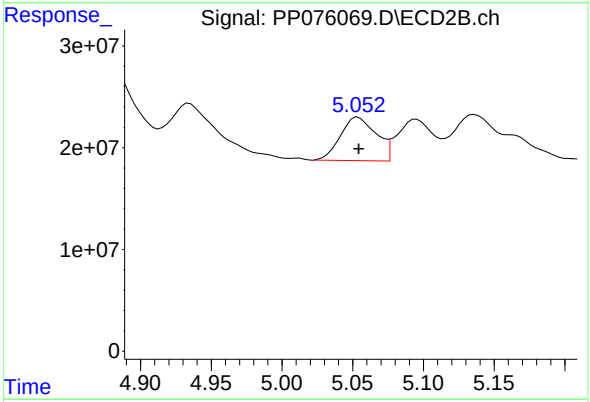
#5 AR-1016-3

R.T.: 5.877 min
Delta R.T.: -0.003 min
Response: 24165535
Conc: 436.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BS

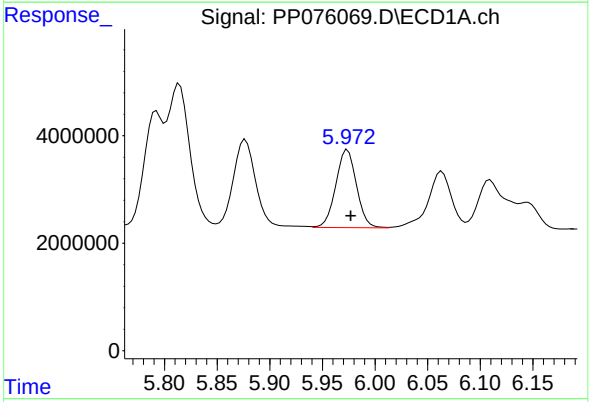
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



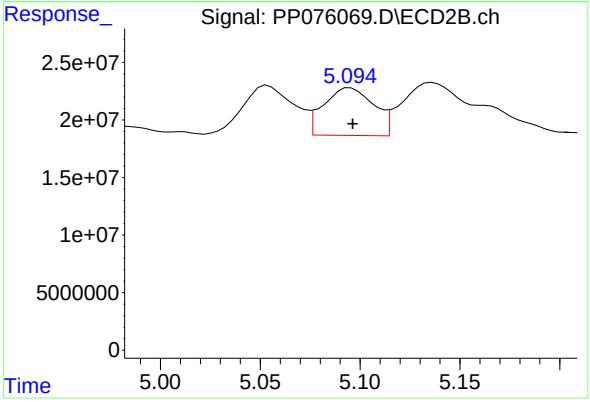
#5 AR-1016-3

R.T.: 5.054 min
Delta R.T.: 0.000 min
Response: 75316147
Conc: 366.78 ng/ml



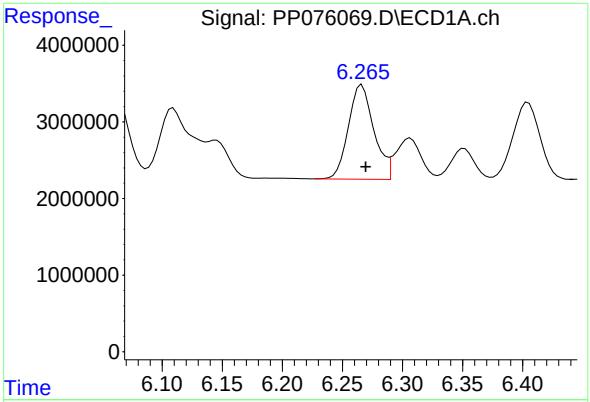
#6 AR-1016-4

R.T.: 5.974 min
Delta R.T.: -0.003 min
Response: 19941002
Conc: 438.84 ng/ml



#6 AR-1016-4

R.T.: 5.095 min
Delta R.T.: -0.001 min
Response: 72452629
Conc: 387.68 ng/ml



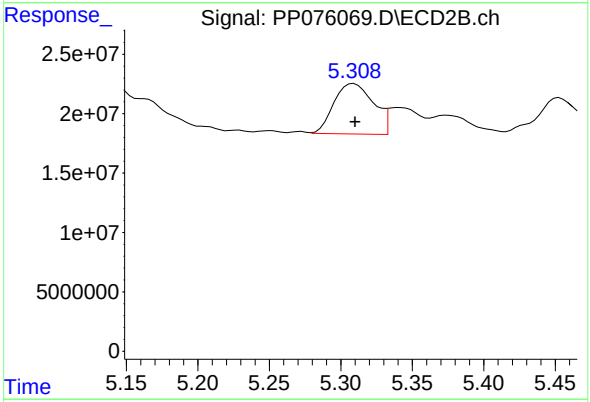
#7 AR-1016-5

R.T.: 6.266 min
Delta R.T.: -0.003 min
Response: 18220008
Conc: 419.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BS

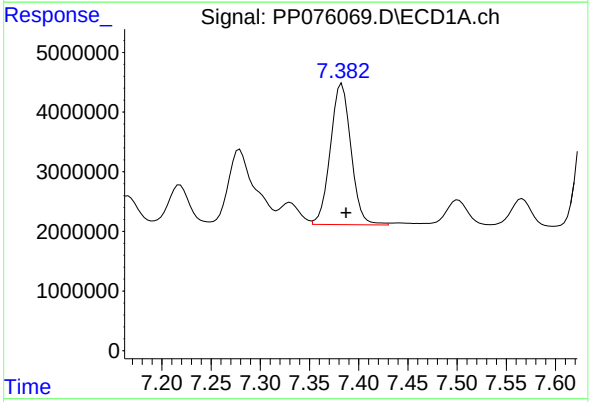
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



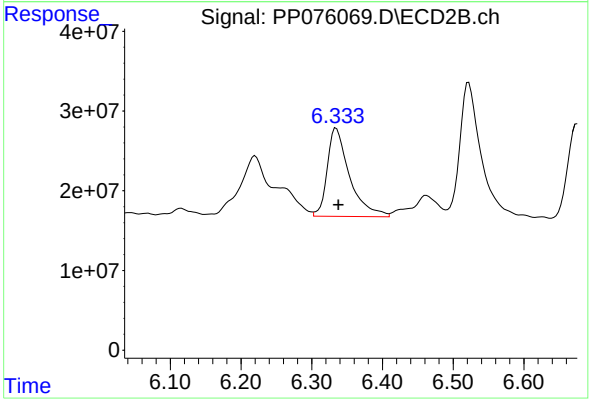
#7 AR-1016-5

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 81872028
Conc: 359.11 ng/ml



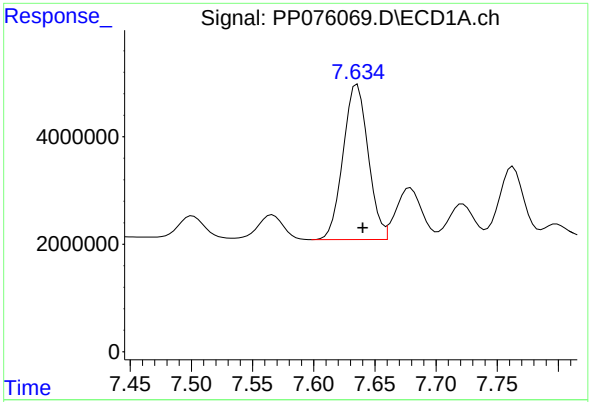
#31 AR-1260-1

R.T.: 7.383 min
Delta R.T.: -0.004 min
Response: 34475825
Conc: 501.42 ng/ml



#31 AR-1260-1

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 242232074
Conc: 442.28 ng/ml



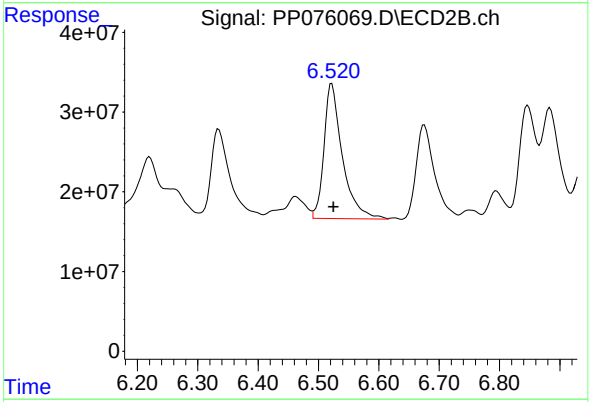
#32 AR-1260-2

R.T.: 7.636 min
Delta R.T.: -0.005 min
Response: 41196225
Conc: 459.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BS

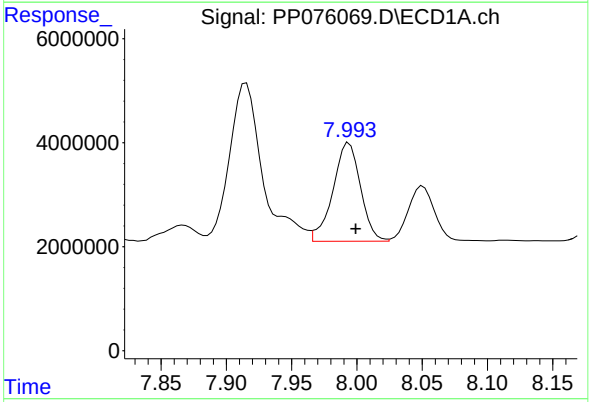
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



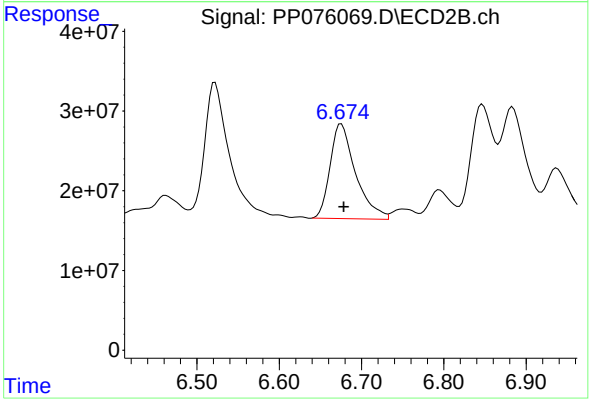
#32 AR-1260-2

R.T.: 6.522 min
Delta R.T.: -0.003 min
Response: 358042871
Conc: 440.00 ng/ml



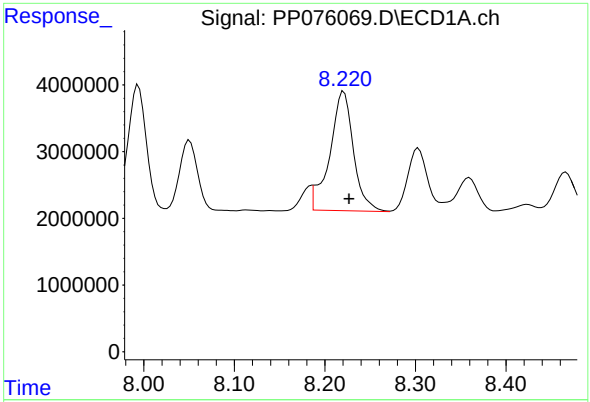
#33 AR-1260-3

R.T.: 7.994 min
Delta R.T.: -0.005 min
Response: 27871115
Conc: 402.26 ng/ml



#33 AR-1260-3

R.T.: 6.675 min
Delta R.T.: -0.003 min
Response: 256377093
Conc: 455.57 ng/ml



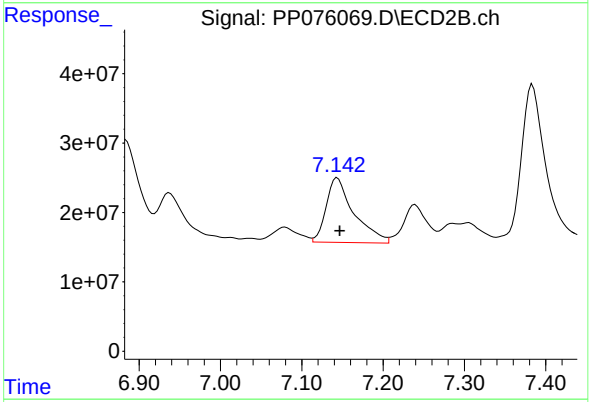
#34 AR-1260-4

R.T.: 8.220 min
Delta R.T.: -0.007 min
Response: 32220662
Conc: 469.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB170236BS

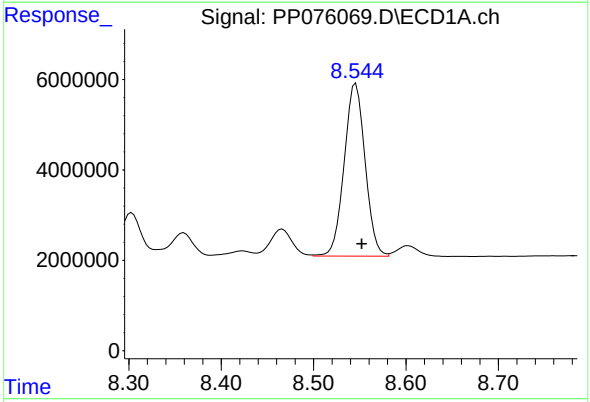
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2025
Supervised By :mohammad ahmed 10/29/2025



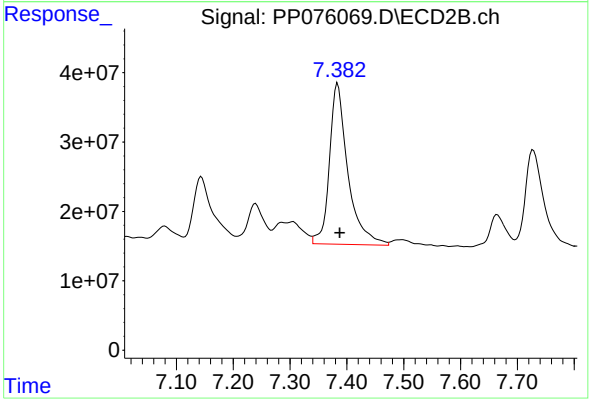
#34 AR-1260-4

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 221163512
Conc: 425.86 ng/ml



#35 AR-1260-5

R.T.: 8.546 min
Delta R.T.: -0.006 min
Response: 60142007
Conc: 406.50 ng/ml



#35 AR-1260-5

R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 523951794
Conc: 386.52 ng/ml

Raw Data: **PQ071153.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	SS-5R-(3.5-4.0)MS	SDG No.:	Q3447
Lab Sample ID:	Q3450-02MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.06 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	121		1	4.60	19.7	ug/kg	10/27/25 09:55	PB170236
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.7	ug/kg	10/27/25 09:55	PB170236
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.7	ug/kg	10/27/25 09:55	PB170236
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.7	ug/kg	10/27/25 09:55	PB170236
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.7	ug/kg	10/27/25 09:55	PB170236
11097-69-1	Aroclor-1254	105		1	3.70	19.7	ug/kg	10/27/25 09:55	PB170236
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.7	ug/kg	10/27/25 09:55	PB170236
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.7	ug/kg	10/27/25 09:55	PB170236
11096-82-5	Aroclor-1260	145		1	3.70	19.7	ug/kg	10/27/25 09:55	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.4			32 - 144	117%	SPK: 20		
2051-24-3	Decachlorobiphenyl	22.4			32 - 175	112%	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: **PQ071153.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:55
Operator : YP\AJ
Sample : Q3450-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	101.9E6	95077060	23.434	18.716m
2)	SA Decachlor...	8.495	7.531	64988561	104.5E6	22.379	20.702
	Target Compounds						
3)	L1 AR-1016-1	4.481	3.775	25519004	75904857	155.467m	338.858m#
4)	L1 AR-1016-2	4.498	3.791	81532605	96925792	318.121m	284.973m
5)	L1 AR-1016-3	4.555	3.951	57737086	56328796	362.856m	309.739m
6)	L1 AR-1016-4	4.645	3.999	49897243	46929761	384.034m	298.132m
7)	L1 AR-1016-5	4.930	4.195	44988750	56961892	349.284	296.921
26)	L6 AR-1254-1	5.291	4.531	37478695	50045658	190.947m	148.410
27)	L6 AR-1254-2	5.506	4.677	49023240	63782741	168.765m	214.645 #
28)	L6 AR-1254-3	5.854	5.058	41414456	56889515	134.809m	121.802m
29)	L6 AR-1254-4	6.132	5.284	37113579	48175061	169.051m	163.166
30)	L6 AR-1254-5	6.542	5.687	163.1E6	227.7E6	703.418	541.766
31)	L7 AR-1260-1	6.018	5.186	98581616	125.9E6	420.443m	349.310m
32)	L7 AR-1260-2	6.275	5.377	116.0E6	140.7E6	419.237m	319.751
33)	L7 AR-1260-3	6.626	5.516	64602779	151.4E6	324.135	364.829
34)	L7 AR-1260-4	6.840	5.978	76642151	101.8E6	356.669	282.828
35)	L7 AR-1260-5	7.146	6.222	156.2E6	234.0E6	360.118	278.474

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

Sample Results: **PQ071153.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071153.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 09:55
Operator : YP\AJ
Sample : Q3450-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

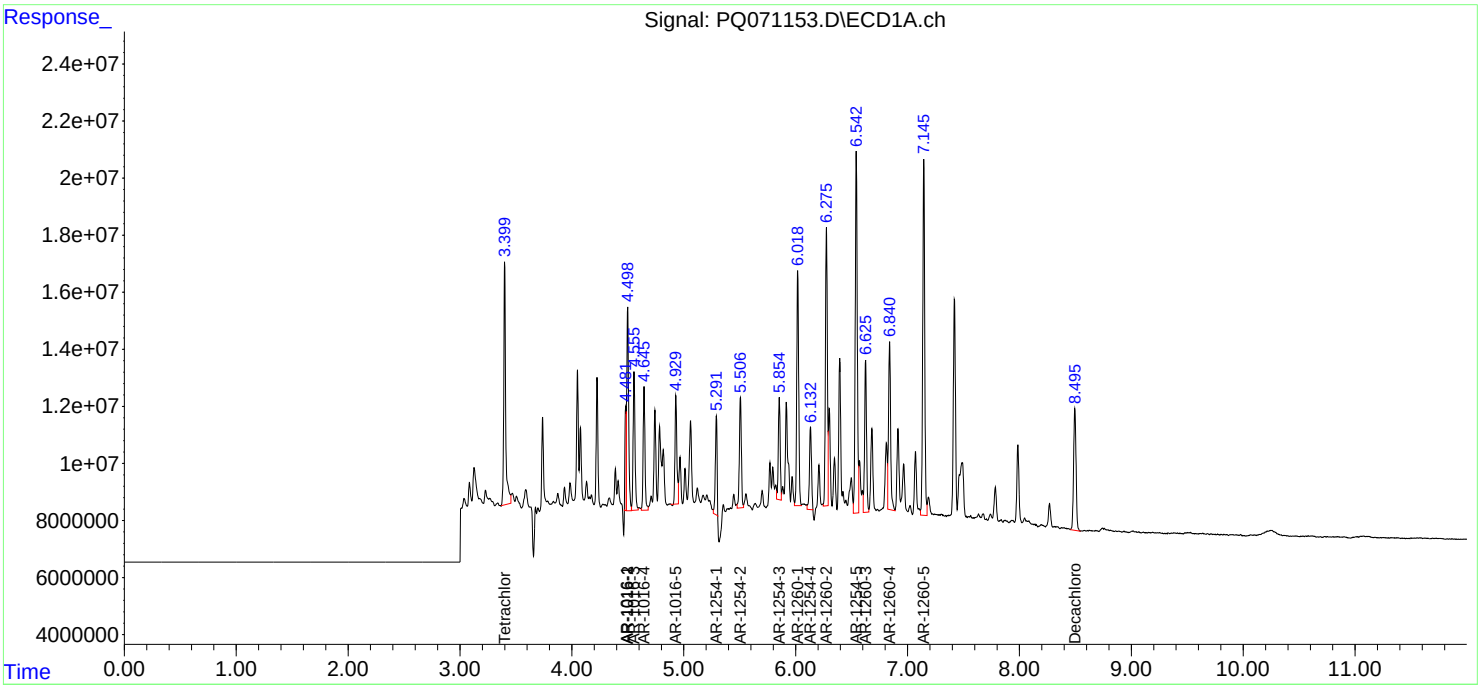
Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

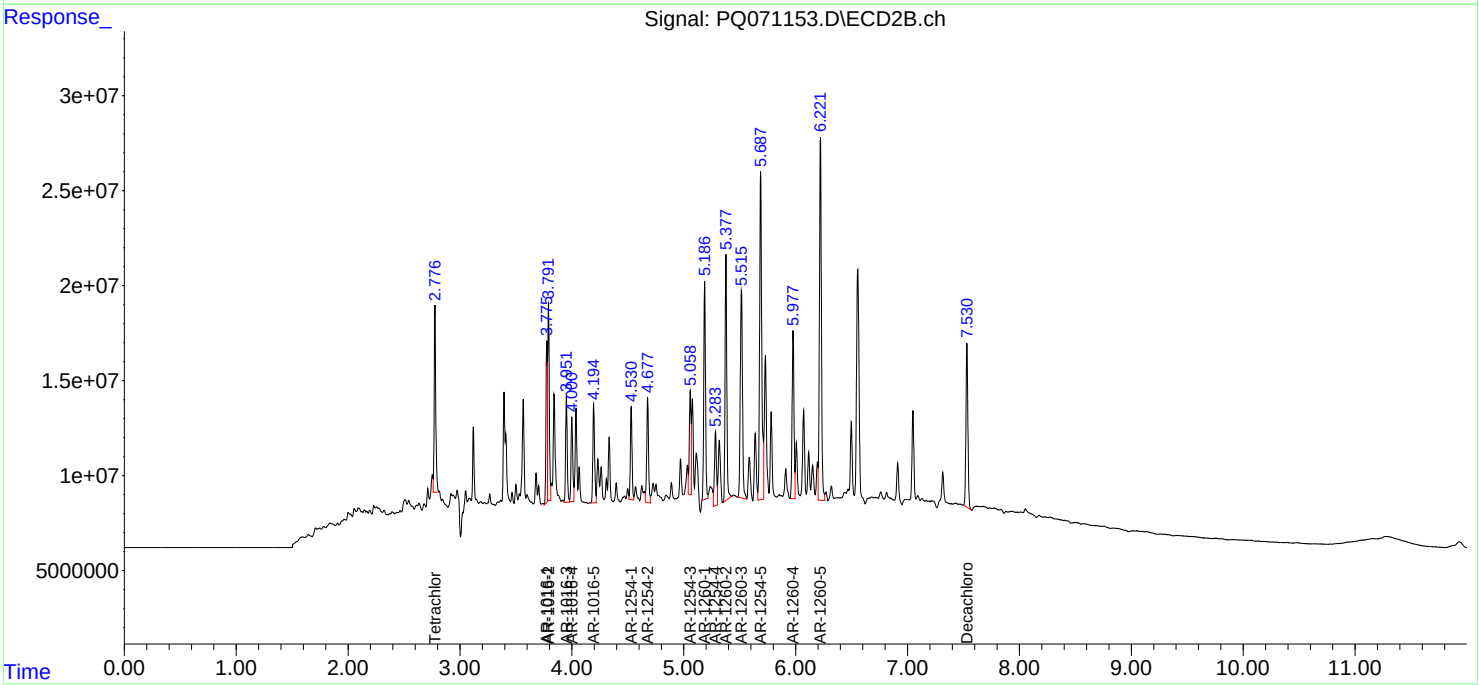
Manual Integrations APPROVED

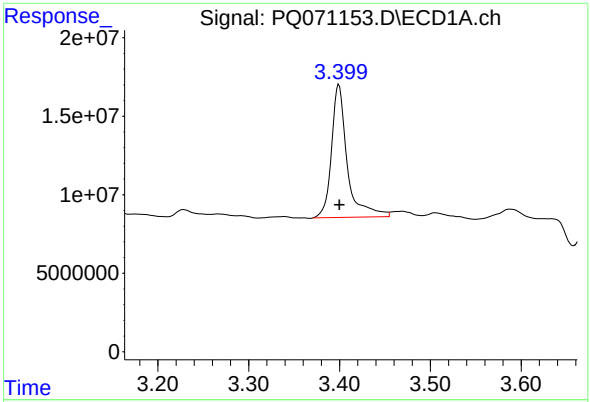
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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







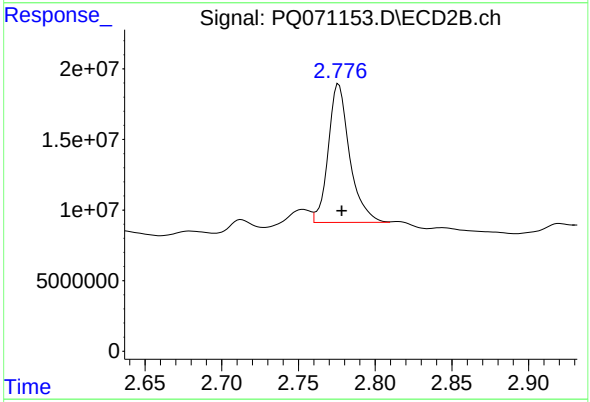
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 101945113
Conc: 23.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

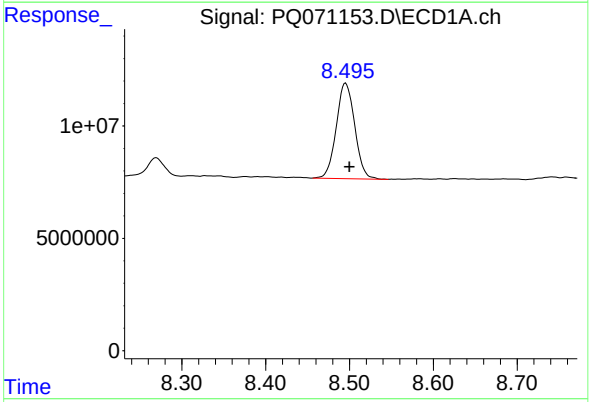
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



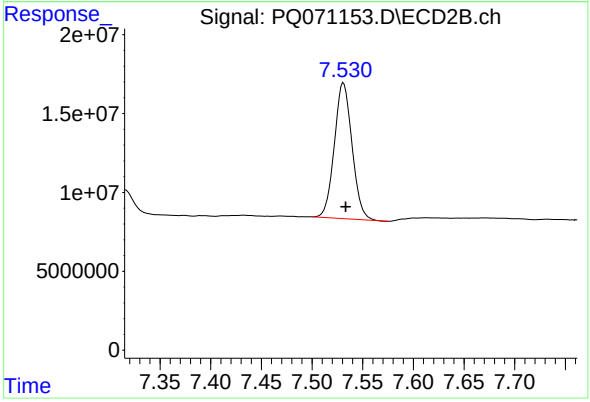
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.003 min
Response: 95077060
Conc: 18.72 ng/ml m



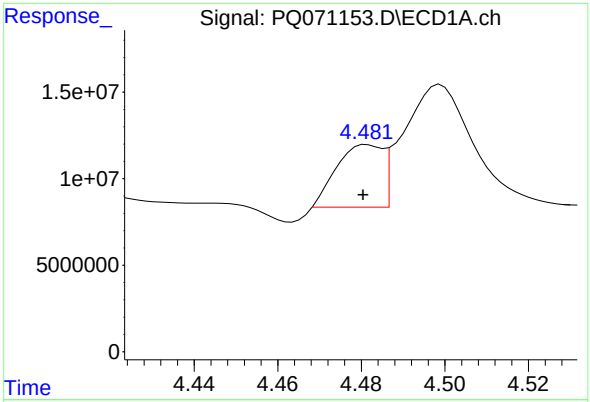
#2 Decachlorobiphenyl

R.T.: 8.495 min
Delta R.T.: -0.005 min
Response: 64988561
Conc: 22.38 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 104533599
Conc: 20.70 ng/ml



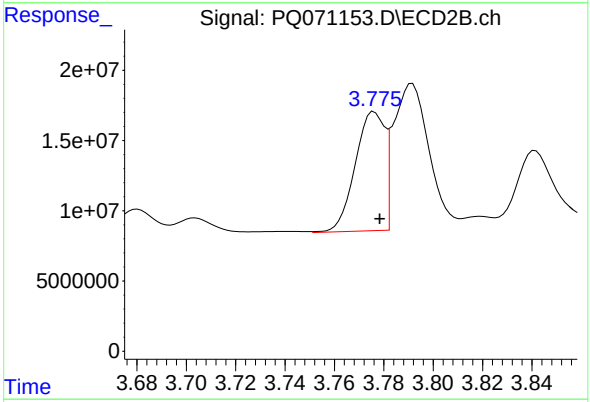
#3 AR-1016-1

R.T.: 4.481 min
Delta R.T.: 0.000 min
Response: 25519004
Conc: 155.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

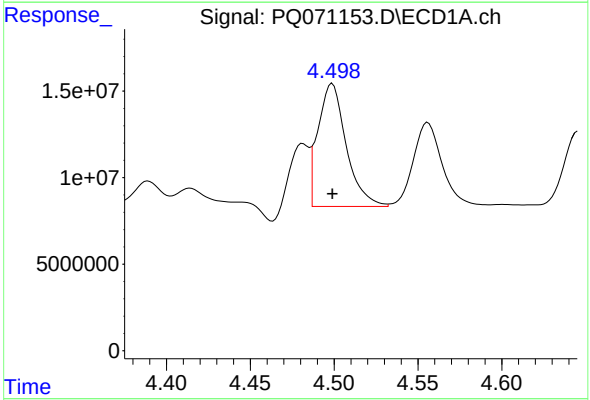
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



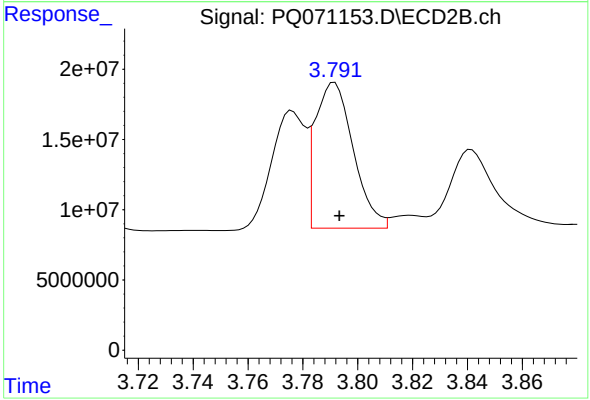
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 75904857
Conc: 338.86 ng/ml m



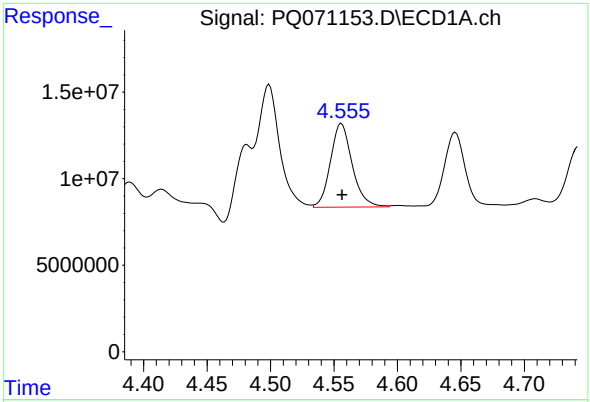
#4 AR-1016-2

R.T.: 4.498 min
Delta R.T.: 0.000 min
Response: 81532605
Conc: 318.12 ng/ml m



#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 96925792
Conc: 284.97 ng/ml m



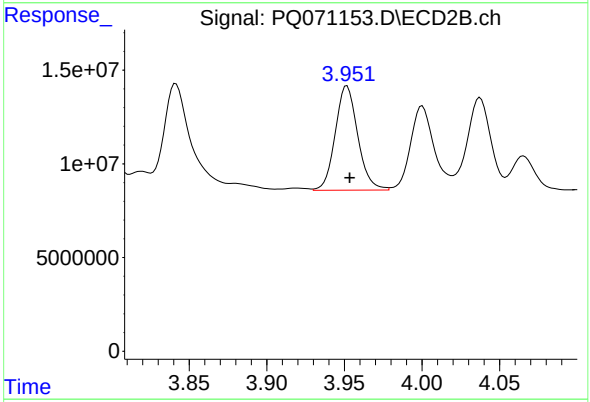
#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 57737086
Conc: 362.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

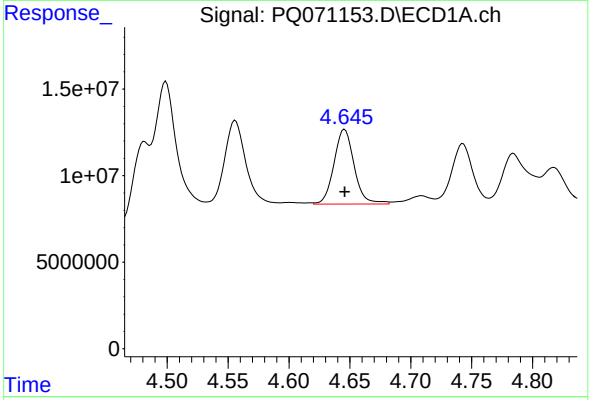
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



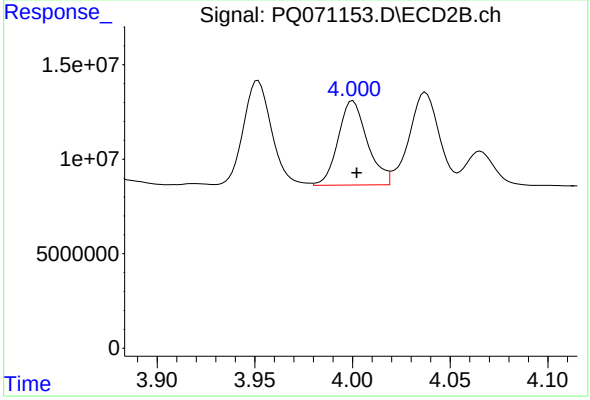
#5 AR-1016-3

R.T.: 3.951 min
Delta R.T.: -0.002 min
Response: 56328796
Conc: 309.74 ng/ml m



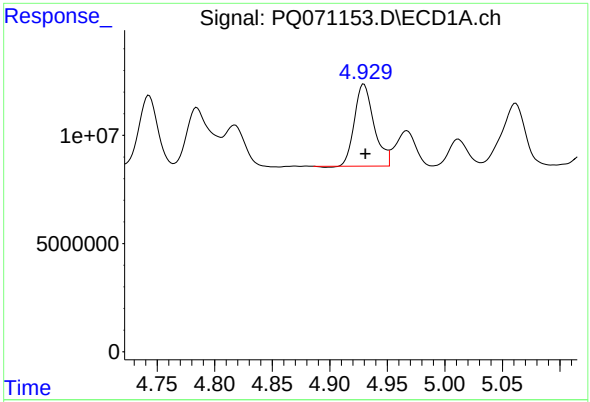
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: 0.000 min
Response: 49897243
Conc: 384.03 ng/ml m



#6 AR-1016-4

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 46929761
Conc: 298.13 ng/ml m



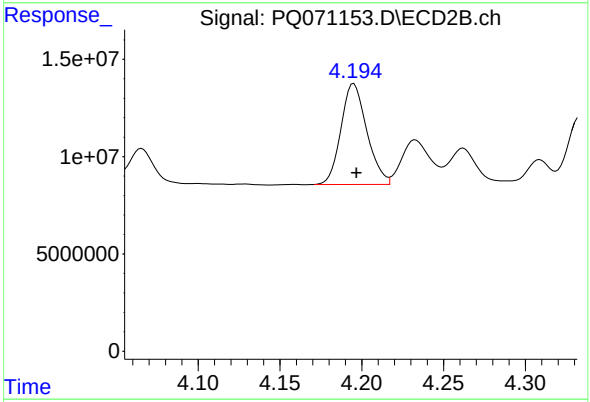
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: -0.001 min
Response: 44988750
Conc: 349.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

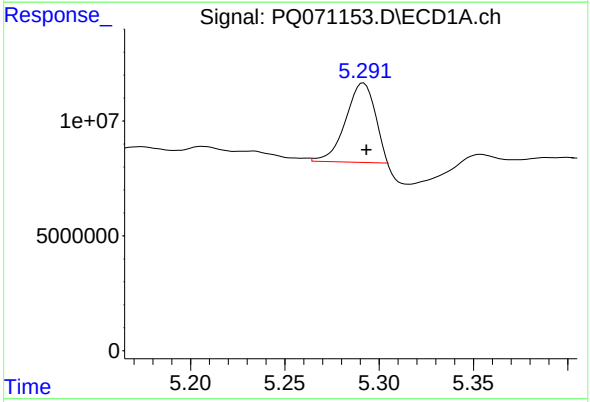
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



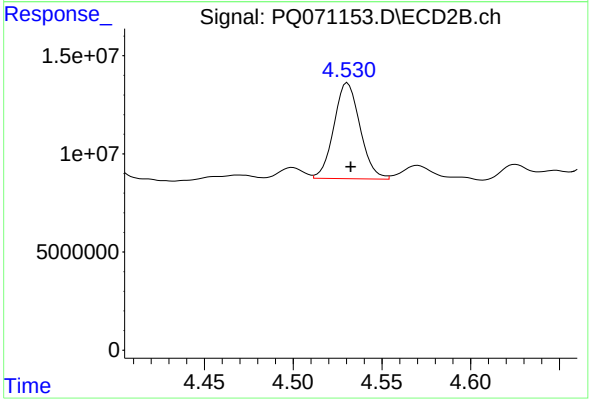
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 56961892
Conc: 296.92 ng/ml



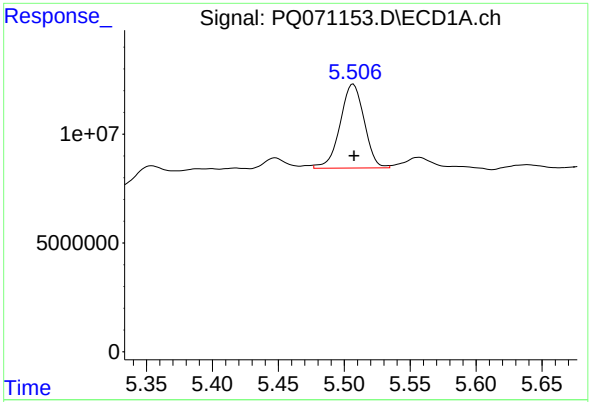
#26 AR-1254-1

R.T.: 5.291 min
Delta R.T.: -0.002 min
Response: 37478695
Conc: 190.95 ng/ml m



#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.002 min
Response: 50045658
Conc: 148.41 ng/ml



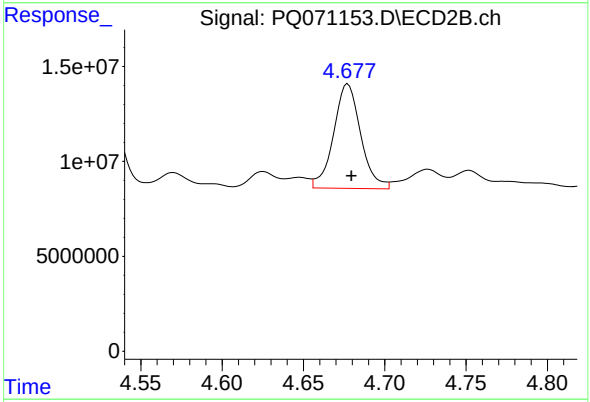
#27 AR-1254-2

R.T.: 5.506 min
Delta R.T.: -0.001 min
Response: 49023240
Conc: 168.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

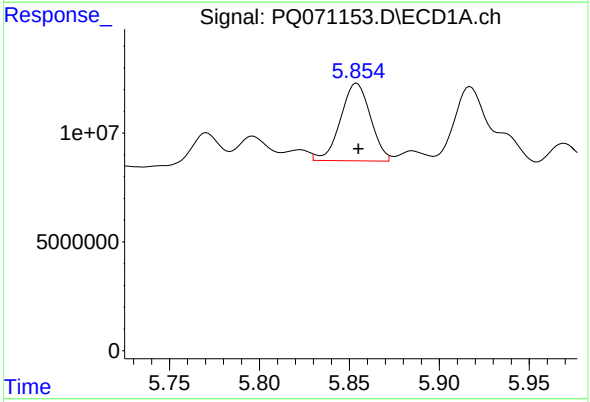
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



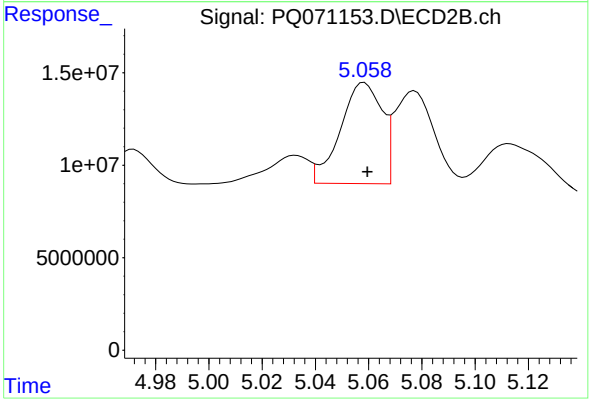
#27 AR-1254-2

R.T.: 4.677 min
Delta R.T.: -0.002 min
Response: 63782741
Conc: 214.65 ng/ml



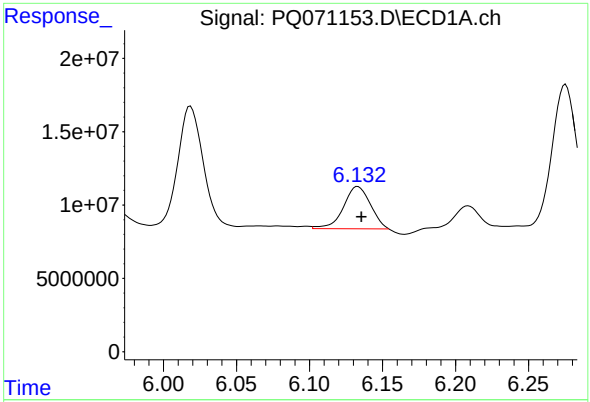
#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.002 min
Response: 41414456
Conc: 134.81 ng/ml m



#28 AR-1254-3

R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 56889515
Conc: 121.80 ng/ml m



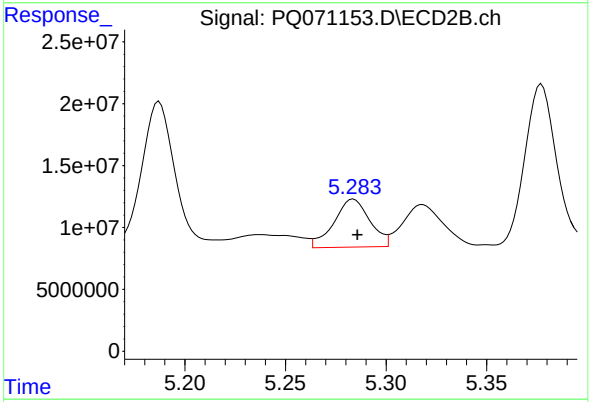
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 37113579
Conc: 169.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

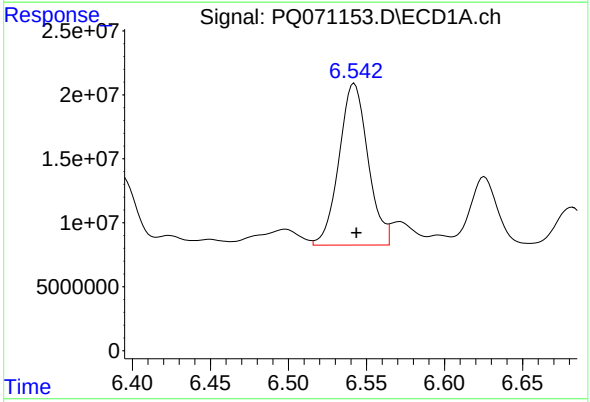
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



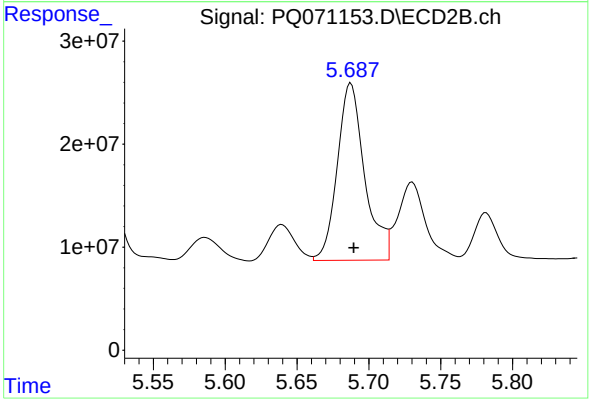
#29 AR-1254-4

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 48175061
Conc: 163.17 ng/ml



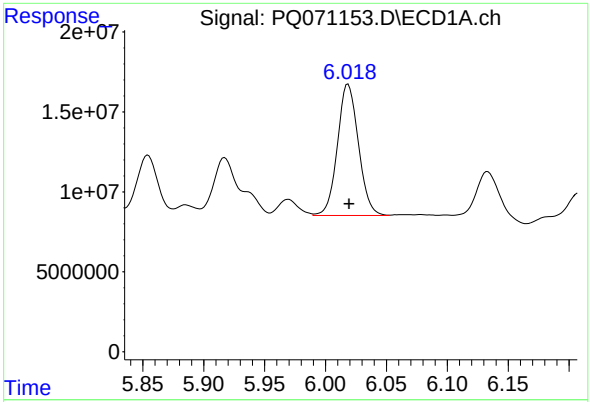
#30 AR-1254-5

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 163119704
Conc: 703.42 ng/ml



#30 AR-1254-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 227731217
Conc: 541.77 ng/ml



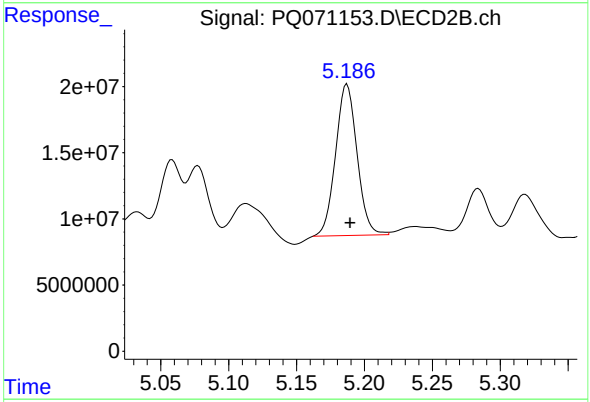
#31 AR-1260-1

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 98581616
Conc: 420.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

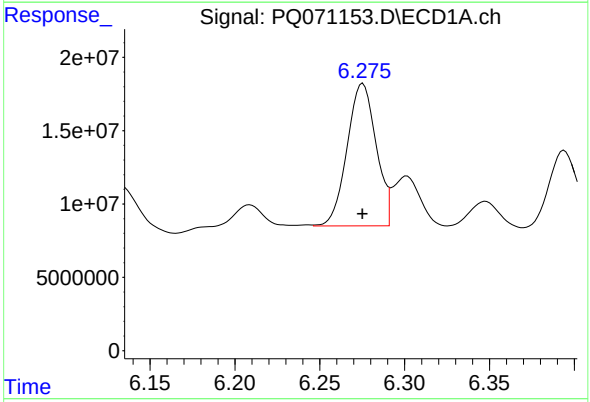
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



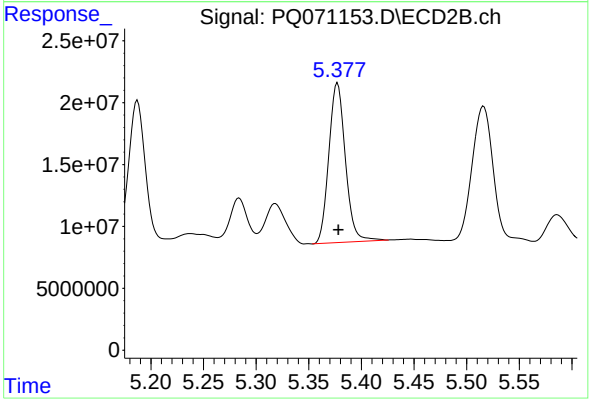
#31 AR-1260-1

R.T.: 5.186 min
Delta R.T.: -0.003 min
Response: 125893250
Conc: 349.31 ng/ml m



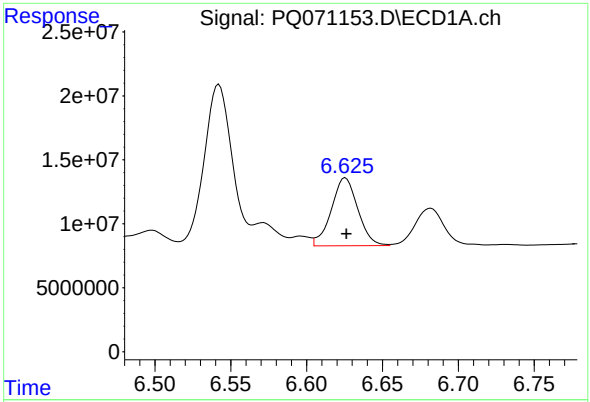
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 115964728
Conc: 419.24 ng/ml m



#32 AR-1260-2

R.T.: 5.377 min
Delta R.T.: 0.000 min
Response: 140688366
Conc: 319.75 ng/ml



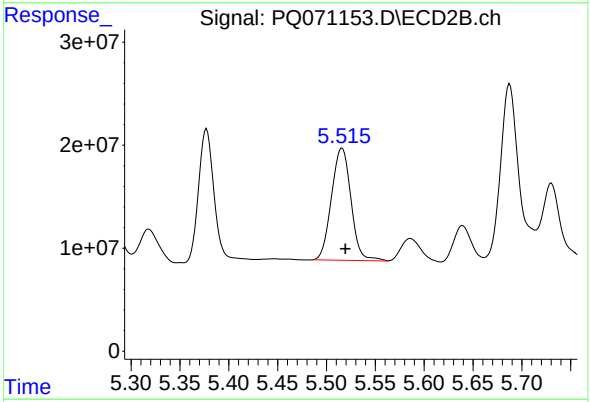
#33 AR-1260-3

R.T.: 6.626 min
Delta R.T.: 0.000 min
Response: 64602779
Conc: 324.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

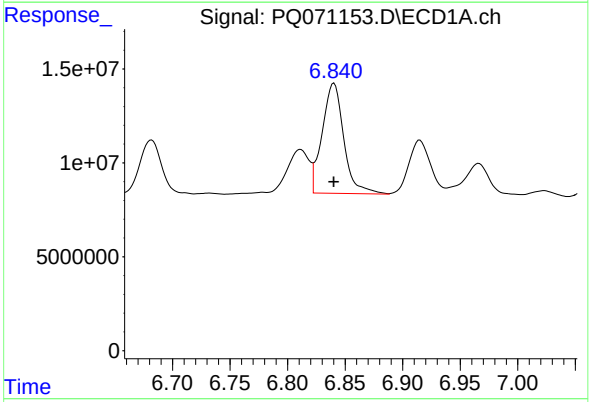
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



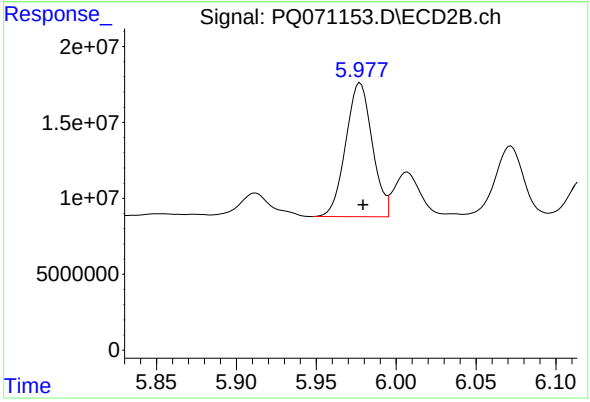
#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.003 min
Response: 151403773
Conc: 364.83 ng/ml



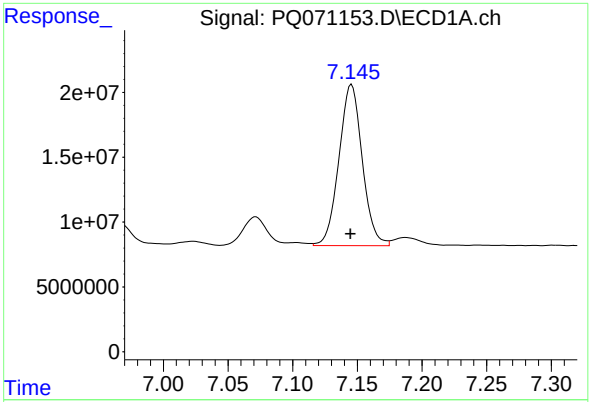
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 76642151
Conc: 356.67 ng/ml



#34 AR-1260-4

R.T.: 5.978 min
Delta R.T.: -0.002 min
Response: 101750902
Conc: 282.83 ng/ml



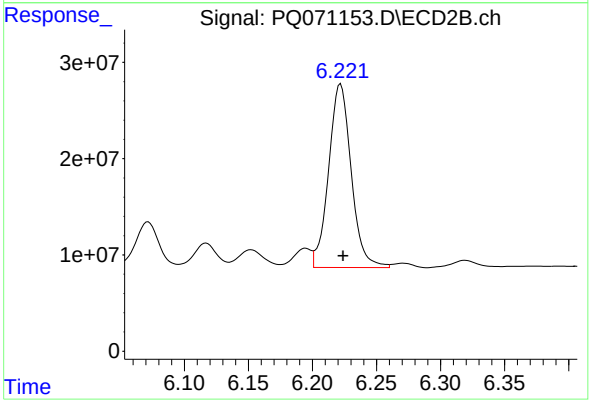
#35 AR-1260-5

R.T.: 7.146 min
Delta R.T.: 0.000 min
Response: 156210825
Conc: 360.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



#35 AR-1260-5

R.T.: 6.222 min
Delta R.T.: -0.002 min
Response: 233997057
Conc: 278.47 ng/ml

Raw Data: **PQ071154.D**

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

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	SS-5R-(3.5-4.0)MSD	SDG No.:	Q3447
Lab Sample ID:	Q3450-02MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	162		1	4.60	19.7	ug/kg	10/27/25 10:10	PB170236
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.7	ug/kg	10/27/25 10:10	PB170236
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.7	ug/kg	10/27/25 10:10	PB170236
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.7	ug/kg	10/27/25 10:10	PB170236
12672-29-6	Aroclor-1248	6.90	U	1	6.90	19.7	ug/kg	10/27/25 10:10	PB170236
11097-69-1	Aroclor-1254	148		1	3.70	19.7	ug/kg	10/27/25 10:10	PB170236
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.7	ug/kg	10/27/25 10:10	PB170236
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.7	ug/kg	10/27/25 10:10	PB170236
11096-82-5	Aroclor-1260	166		1	3.70	19.7	ug/kg	10/27/25 10:10	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	25.7			32 - 144	128%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.0			32 - 175	120%	SPK: 20		

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
P = Indicates >25% difference for detected concentrations between the two GC columns
Q = indicates LCS control criteria did not meet requirements
M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution
S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
() = Laboratory InHouse Limit

Sample Results: **PQ071154.D**

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:10
Operator : YP\AJ
Sample : Q3450-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.399	2.776	111.8E6	112.9E6	25.689	22.228
2)	SA Decachlor...	8.496	7.531	69730856	115.6E6	24.012	22.895
	Target Compounds						
3)	L1 AR-1016-1	4.478	3.775	66133318	86839134	402.898m	387.671m
4)	L1 AR-1016-2	4.497	3.791	106.6E6	113.2E6	415.843m	332.751m
5)	L1 AR-1016-3	4.555	3.952	68384934	72254323	429.774m	397.310
6)	L1 AR-1016-4	4.645	4.000	55794798	61092237	429.424m	388.102
7)	L1 AR-1016-5	4.930	4.195	53701684	67804394	416.929	353.439
26)	L6 AR-1254-1	5.292	4.531	46316796	64856412	235.975	192.331
27)	L6 AR-1254-2	5.507	4.678	67669054	75430352	232.954	253.842
28)	L6 AR-1254-3	5.854	5.058	79307585	109.9E6	258.156	235.279
29)	L6 AR-1254-4	6.134	5.284	64884968	78163021	295.549	264.734
30)	L6 AR-1254-5	6.543	5.687	208.6E6	305.6E6	899.407	726.931
31)	L7 AR-1260-1	6.019	5.187	119.0E6	170.6E6	507.455	473.416
32)	L7 AR-1260-2	6.275	5.376	141.2E6	188.2E6	510.578	427.657
33)	L7 AR-1260-3	6.625	5.516	71042700	189.8E6	356.446	457.353 #
34)	L7 AR-1260-4	6.840	5.977	85195497	113.2E6	396.473	314.727
35)	L7 AR-1260-5	7.145	6.221	165.8E6	260.8E6	382.125	310.420

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102725\
Data File : PQ071154.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2025 10:10
Operator : YP\AJ
Sample : Q3450-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

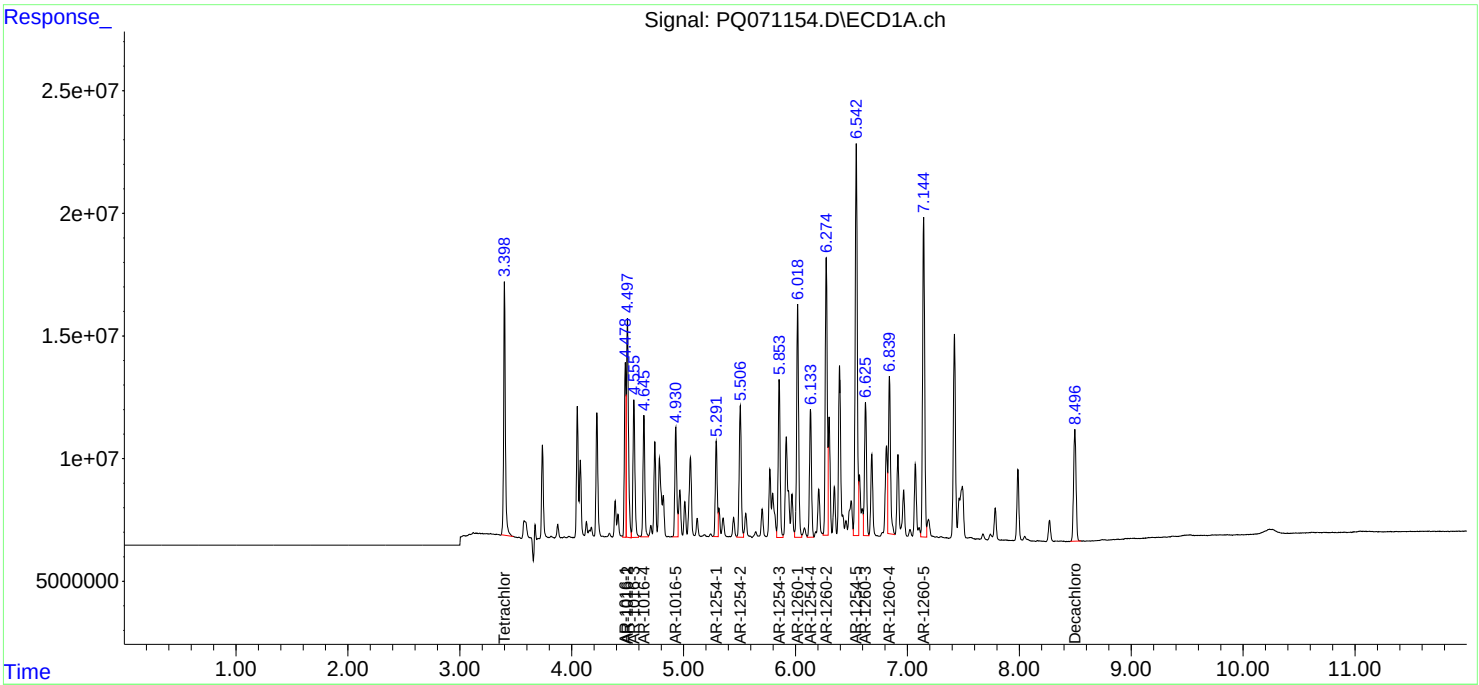
Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

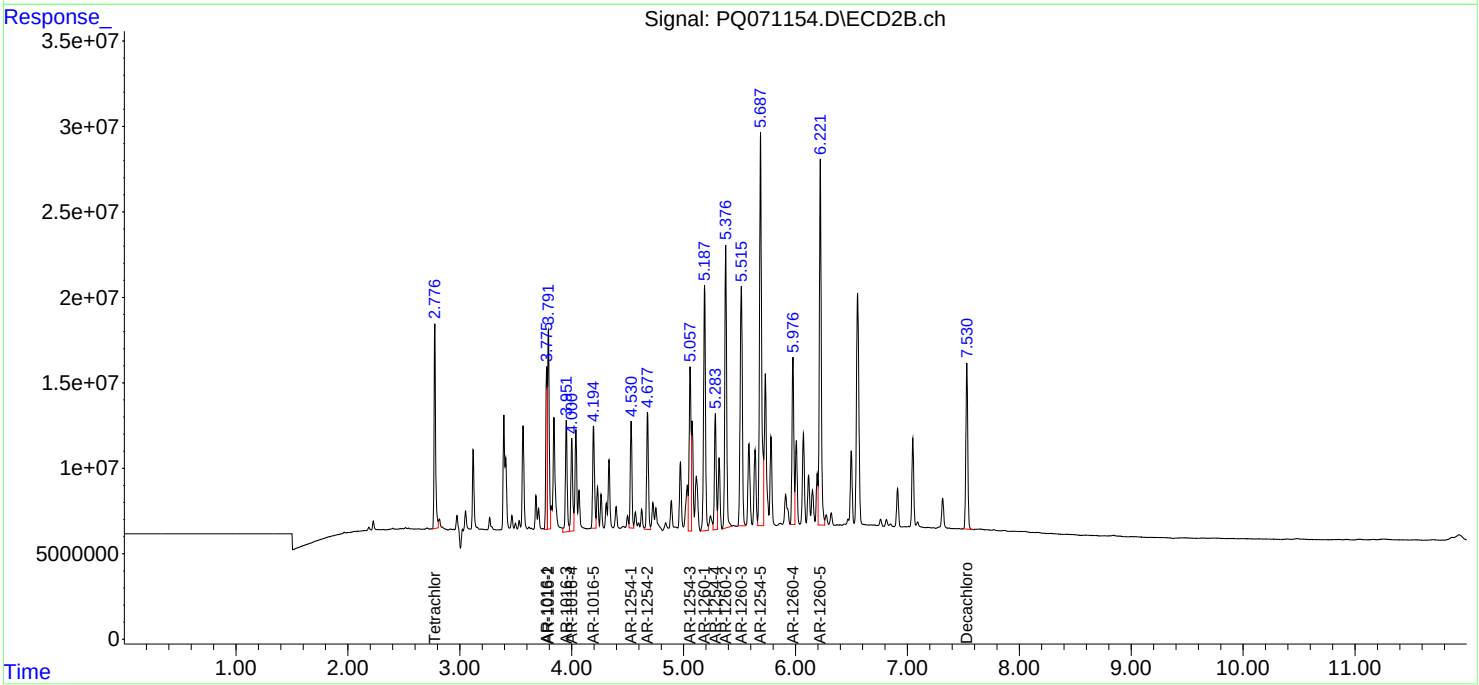
Manual Integrations APPROVED

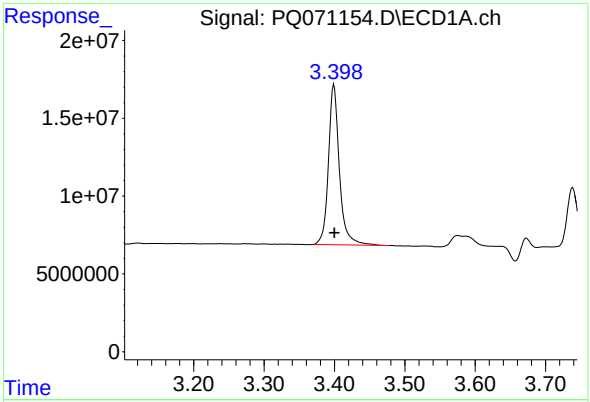
Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 27 11:30:42 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101025.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Oct 11 01:55:41 2025
Response via : Initial Calibration
Integrator: ChemStation

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







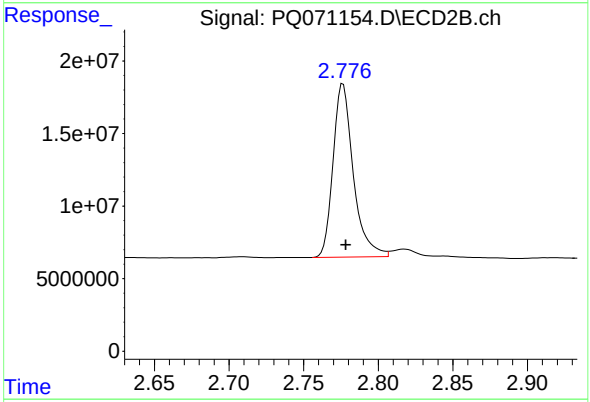
#1 Tetrachloro-m-xylene

R.T.: 3.399 min
Delta R.T.: 0.000 min
Response: 111754436
Conc: 25.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

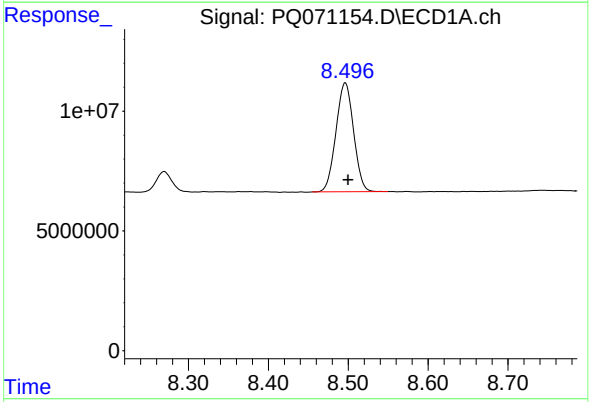
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



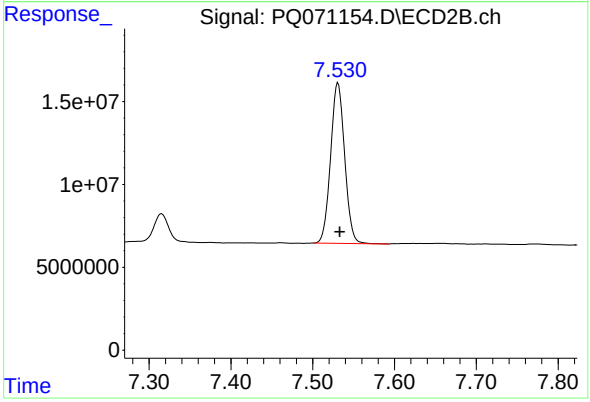
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 112916852
Conc: 22.23 ng/ml



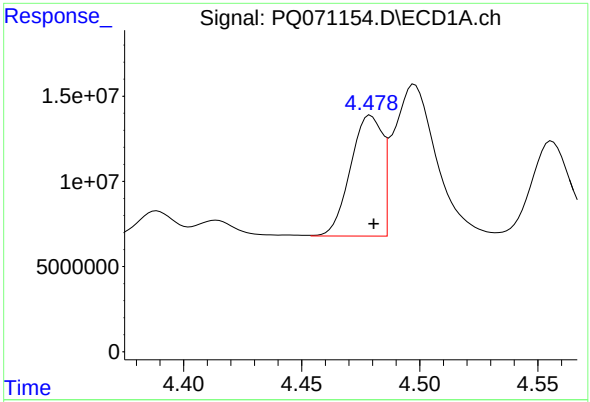
#2 Decachlorobiphenyl

R.T.: 8.496 min
Delta R.T.: -0.004 min
Response: 69730856
Conc: 24.01 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.531 min
Delta R.T.: -0.002 min
Response: 115608939
Conc: 22.89 ng/ml



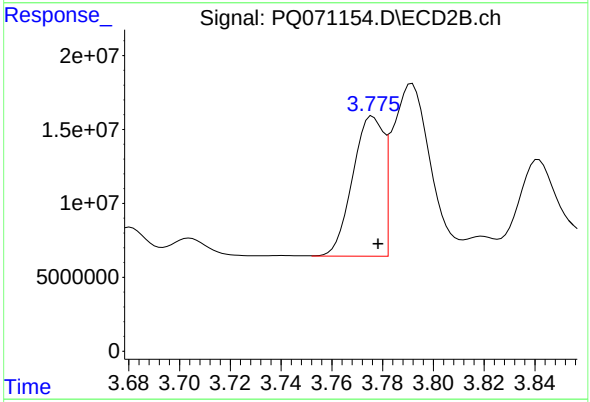
#3 AR-1016-1

R.T.: 4.478 min
Delta R.T.: -0.002 min
Response: 66133318
Conc: 402.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

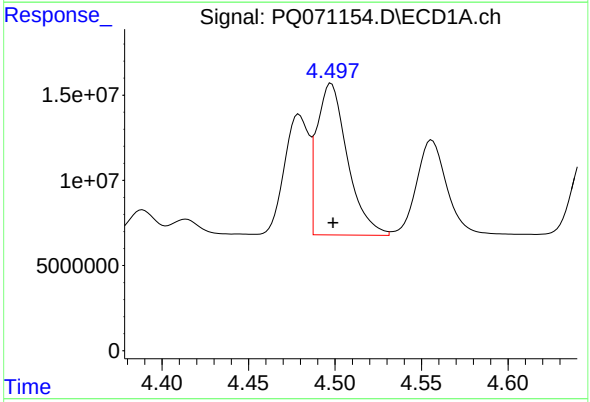
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



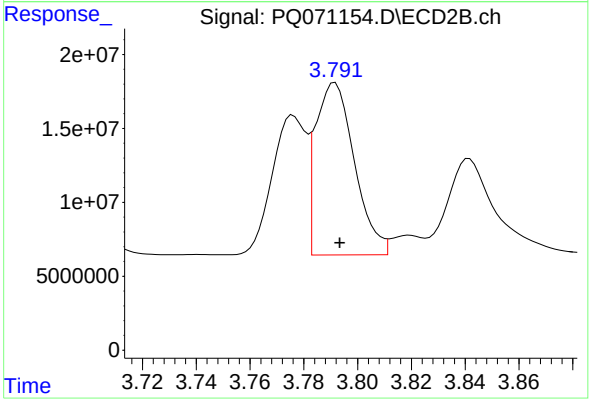
#3 AR-1016-1

R.T.: 3.775 min
Delta R.T.: -0.003 min
Response: 86839134
Conc: 387.67 ng/ml m



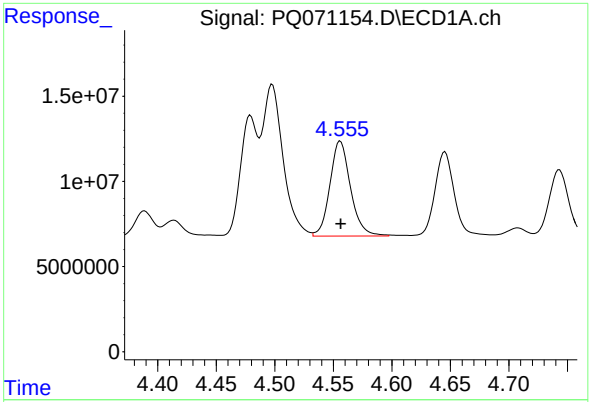
#4 AR-1016-2

R.T.: 4.497 min
Delta R.T.: -0.002 min
Response: 106578119
Conc: 415.84 ng/ml m



#4 AR-1016-2

R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 113176292
Conc: 332.75 ng/ml m



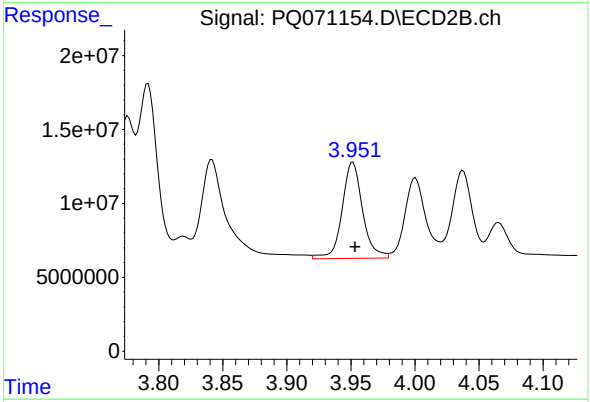
#5 AR-1016-3

R.T.: 4.555 min
Delta R.T.: -0.001 min
Response: 68384934
Conc: 429.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

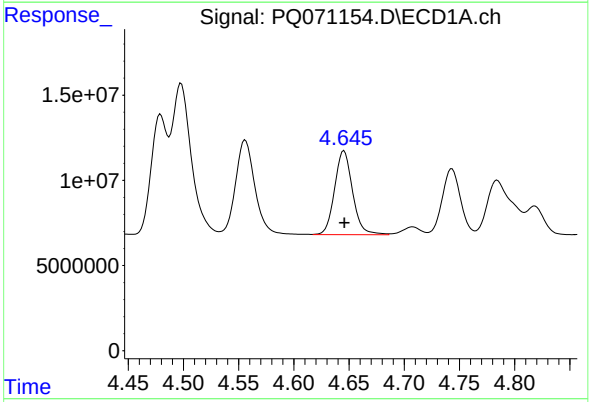
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



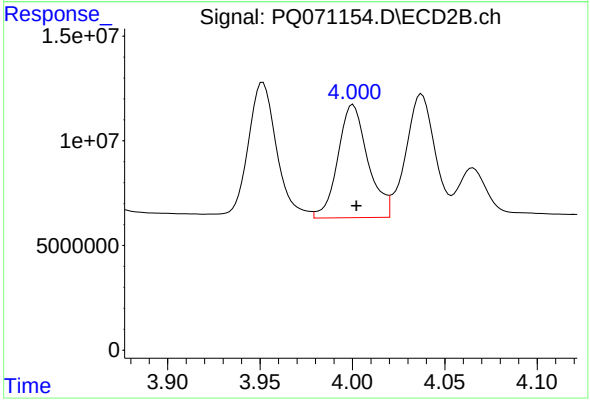
#5 AR-1016-3

R.T.: 3.952 min
Delta R.T.: -0.002 min
Response: 72254323
Conc: 397.31 ng/ml



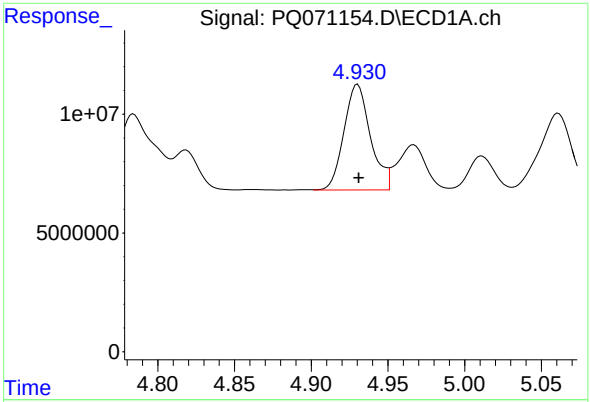
#6 AR-1016-4

R.T.: 4.645 min
Delta R.T.: -0.001 min
Response: 55794798
Conc: 429.42 ng/ml m



#6 AR-1016-4

R.T.: 4.000 min
Delta R.T.: -0.002 min
Response: 61092237
Conc: 388.10 ng/ml



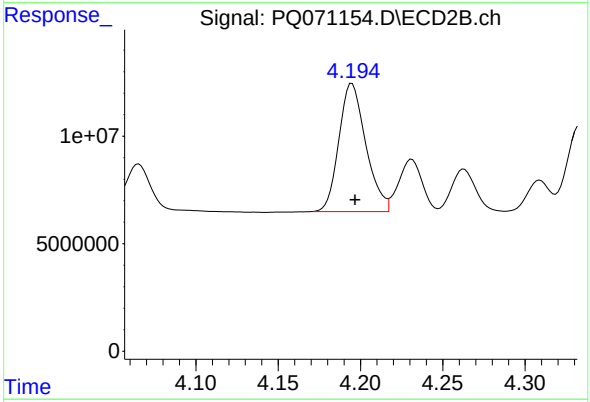
#7 AR-1016-5

R.T.: 4.930 min
Delta R.T.: 0.000 min
Response: 53701684
Conc: 416.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

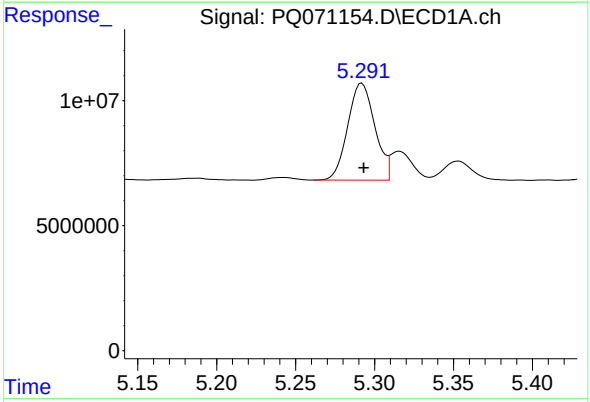
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



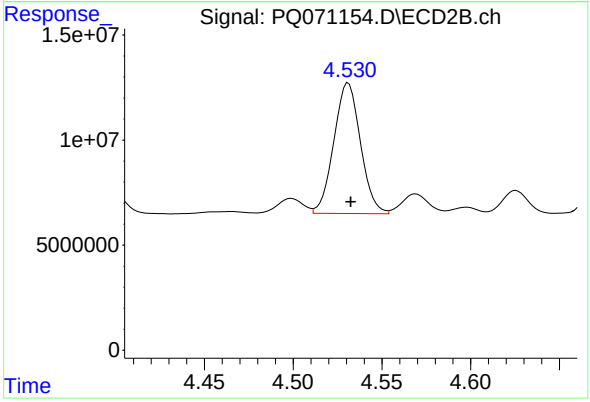
#7 AR-1016-5

R.T.: 4.195 min
Delta R.T.: -0.002 min
Response: 67804394
Conc: 353.44 ng/ml



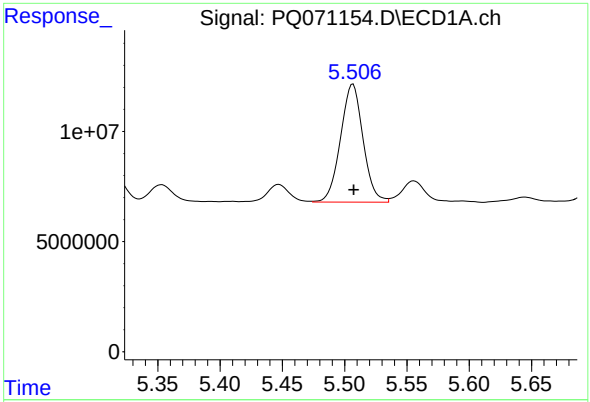
#26 AR-1254-1

R.T.: 5.292 min
Delta R.T.: -0.001 min
Response: 46316796
Conc: 235.98 ng/ml



#26 AR-1254-1

R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 64856412
Conc: 192.33 ng/ml



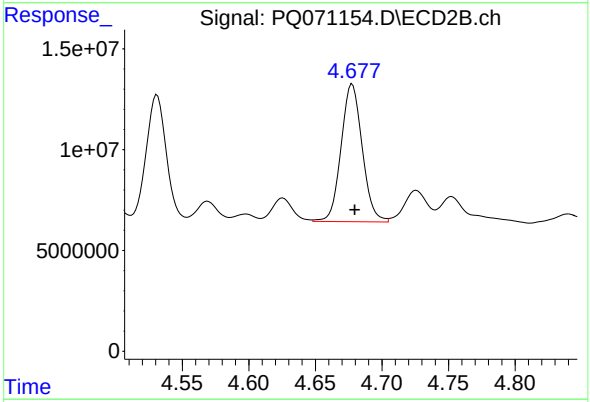
#27 AR-1254-2

R.T.: 5.507 min
Delta R.T.: 0.000 min
Response: 67669054
Conc: 232.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

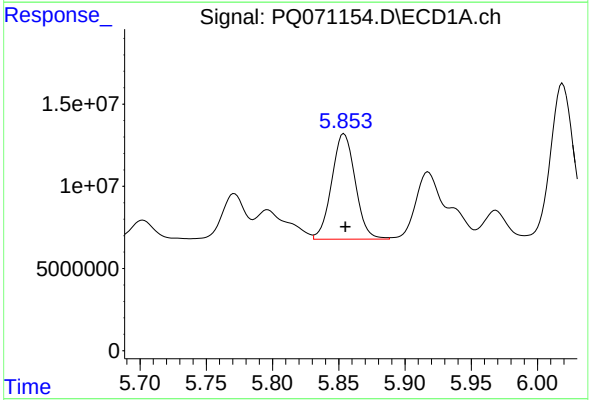
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



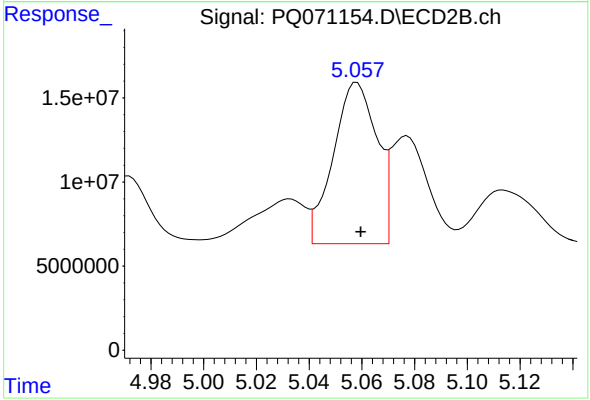
#27 AR-1254-2

R.T.: 4.678 min
Delta R.T.: -0.002 min
Response: 75430352
Conc: 253.84 ng/ml



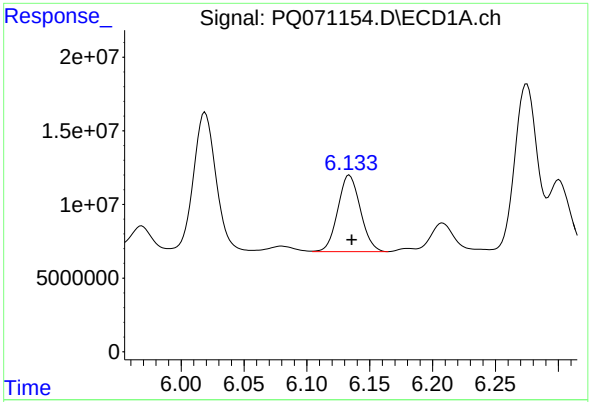
#28 AR-1254-3

R.T.: 5.854 min
Delta R.T.: -0.001 min
Response: 79307585
Conc: 258.16 ng/ml



#28 AR-1254-3

R.T.: 5.058 min
Delta R.T.: -0.001 min
Response: 109890815
Conc: 235.28 ng/ml



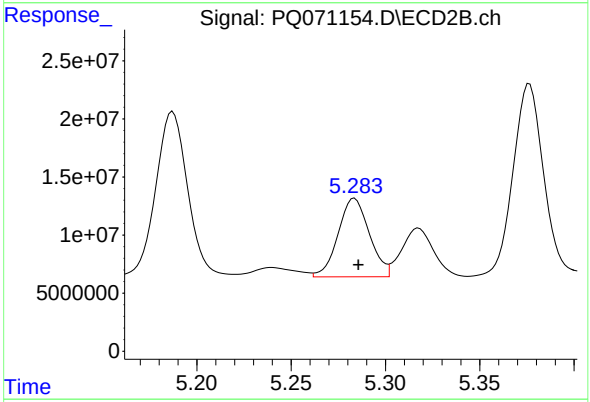
#29 AR-1254-4

R.T.: 6.134 min
Delta R.T.: -0.002 min
Response: 64884968
Conc: 295.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

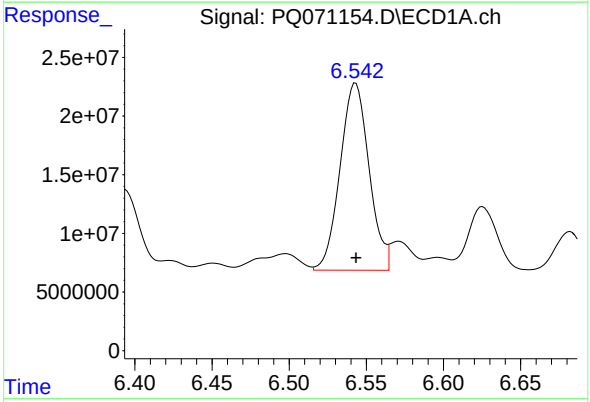
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



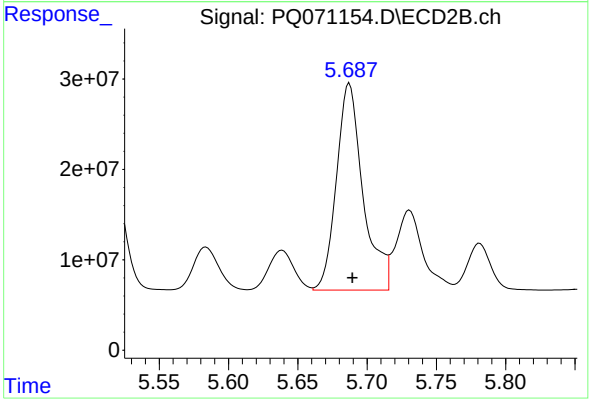
#29 AR-1254-4

R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 78163021
Conc: 264.73 ng/ml



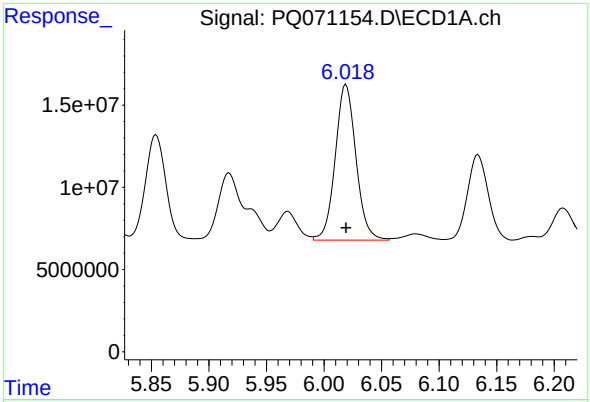
#30 AR-1254-5

R.T.: 6.543 min
Delta R.T.: 0.000 min
Response: 208568568
Conc: 899.41 ng/ml



#30 AR-1254-5

R.T.: 5.687 min
Delta R.T.: -0.002 min
Response: 305564972
Conc: 726.93 ng/ml



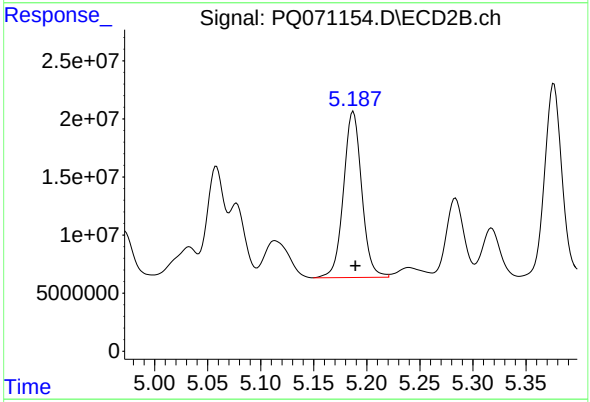
#31 AR-1260-1

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 118983533
Conc: 507.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

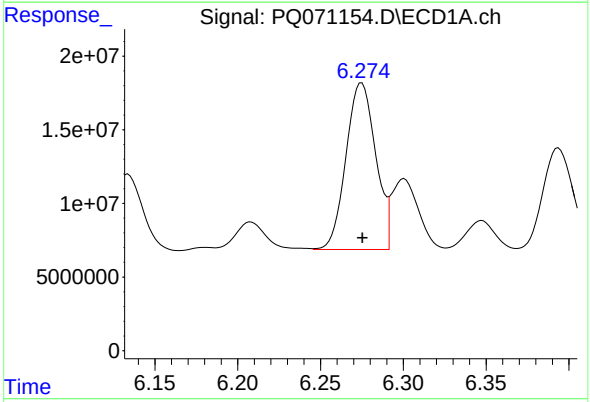
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



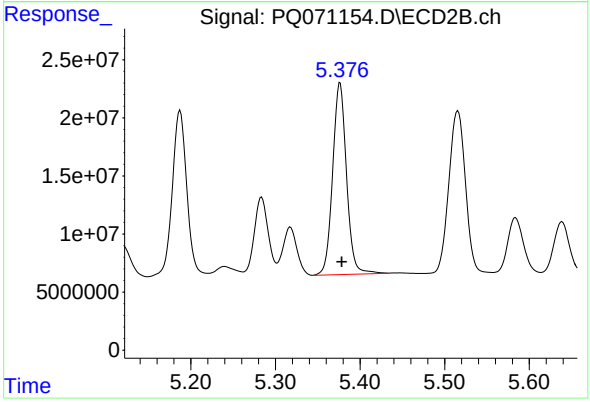
#31 AR-1260-1

R.T.: 5.187 min
Delta R.T.: -0.002 min
Response: 170621958
Conc: 473.42 ng/ml



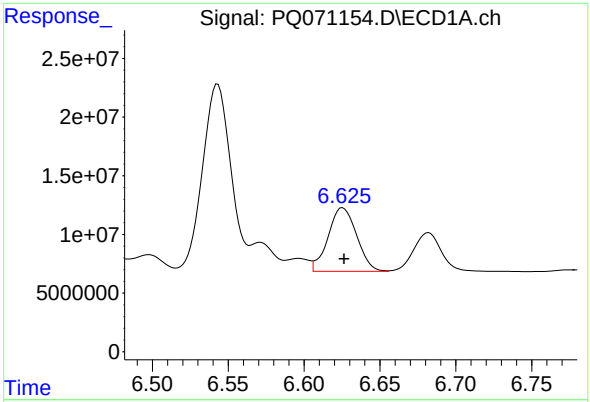
#32 AR-1260-2

R.T.: 6.275 min
Delta R.T.: 0.000 min
Response: 141230493
Conc: 510.58 ng/ml



#32 AR-1260-2

R.T.: 5.376 min
Delta R.T.: -0.002 min
Response: 188166278
Conc: 427.66 ng/ml



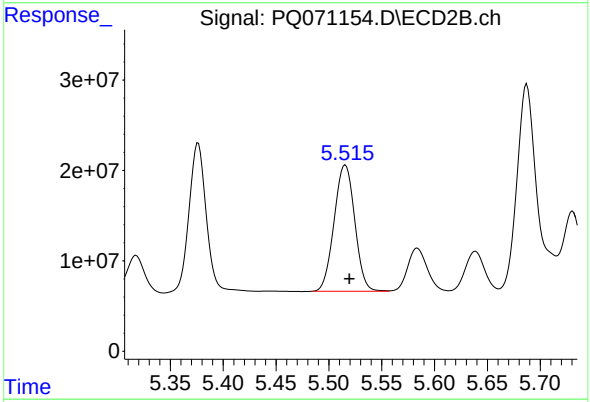
#33 AR-1260-3

R.T.: 6.625 min
Delta R.T.: 0.000 min
Response: 71042700
Conc: 356.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

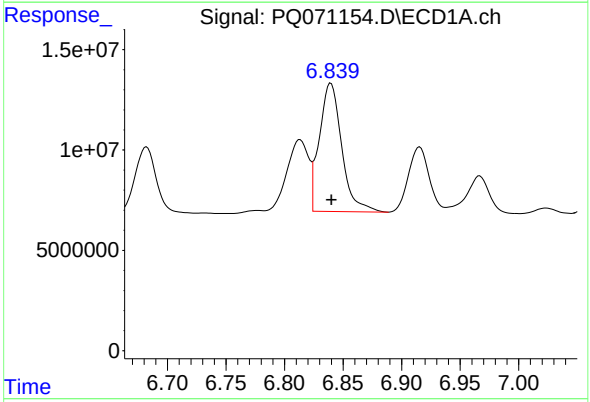
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



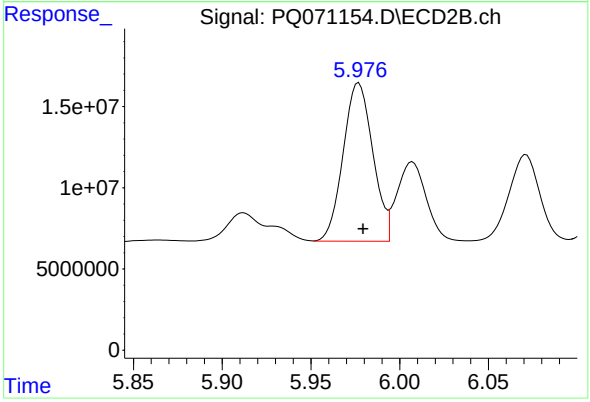
#33 AR-1260-3

R.T.: 5.516 min
Delta R.T.: -0.004 min
Response: 189801263
Conc: 457.35 ng/ml



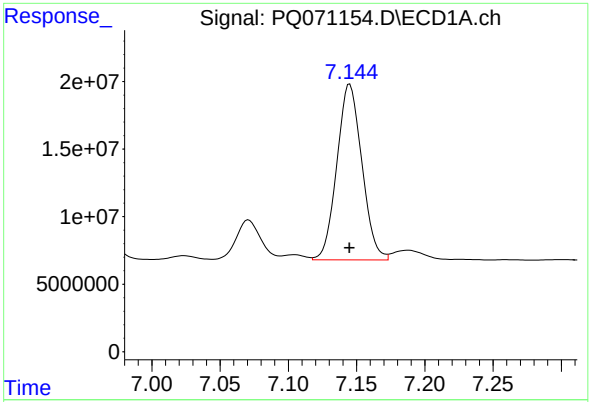
#34 AR-1260-4

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 85195497
Conc: 396.47 ng/ml



#34 AR-1260-4

R.T.: 5.977 min
Delta R.T.: -0.002 min
Response: 113227144
Conc: 314.73 ng/ml



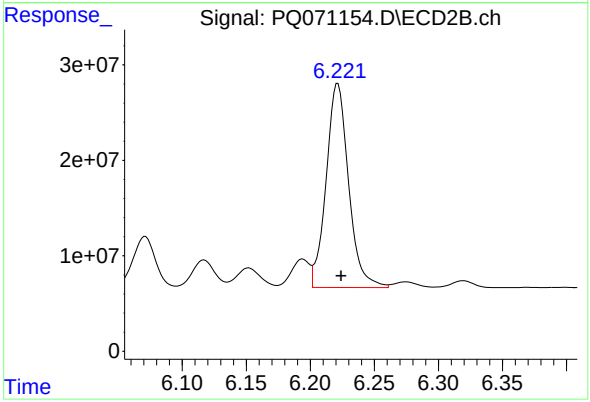
#35 AR-1260-5

R.T.: 7.145 min
Delta R.T.: 0.000 min
Response: 165757125
Conc: 382.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
SS-5R-(3.5-4.0)MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/27/2025
Supervised By :mohammad ahmed 10/29/2025



#35 AR-1260-5

R.T.: 6.221 min
Delta R.T.: -0.003 min
Response: 260840669
Conc: 310.42 ng/ml

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

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
I.BLK	PP075887.D	Decachlorobiphenyl	yogesh	10/22/2025 12:24:41 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-3 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-4 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	AR-1016-5 #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1660ICC050	PP075892.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:25 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1232ICC500	PP075894.D	AR-1232-4 #2	yogesh	10/22/2025 12:24:44 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC1000	PP075895.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:45 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC750	PP075896.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:46 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC500	PP075897.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:48 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC750	PP075901.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:55 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC500	PP075902.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:57 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248ICC250	PP075903.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:58 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-4 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	AR-1248-5 #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC050	PP075904.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:00 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC1000	PP075905.D	AR-1254-1	yogesh	10/22/2025 12:25:02 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-1	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC750	PP075906.D	AR-1254-5 #2	yogesh	10/22/2025 12:25:03 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICC1000	PP075900.D	AR-1248-3 #2	yogesh	10/22/2025 12:24:53 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	AR-1242-5	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC050	PP075899.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:24:52 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICC250	PP075898.D	AR-1242-4 #2	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC250	PP075898.D	AR-1242-5	yogesh	10/22/2025 12:24:50 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC500	PP075907.D	AR-1254-1	yogesh	10/22/2025 12:25:05 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	AR-1242-4 #2	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1242ICV500	PP075917.D	Decachlorobiphenyl	yogesh	10/24/2025 4:12:30 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1248ICV500	PP075918.D	AR-1248-3 #2	yogesh	10/24/2025 4:12:35 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICV500	PP075919.D	AR-1254-1 #2	yogesh	10/24/2025 4:12:33 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC250	PP075908.D	AR-1254-1	yogesh	10/22/2025 12:25:07 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software
AR1254ICC050	PP075909.D	Tetrachloro-m-xylene #2	yogesh	10/22/2025 12:25:09 PM	mohammad	10/25/2025 7:28:37	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254CCC500	PP076066.D	AR-1254-1	yogesh	10/28/2025 7:45:20 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
PB170236BL	PP076068.D	Decachlorobiphenyl	yogesh	10/28/2025 7:45:22 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
PB170236BL	PP076068.D	Tetrachloro-m-xylene	yogesh	10/28/2025 7:45:22 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
PB170236BS	PP076069.D	AR-1260-4	yogesh	10/28/2025 7:45:24 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
PB170236BS	PP076069.D	Tetrachloro-m-xylene	yogesh	10/28/2025 7:45:24 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
PB170236BS	PP076069.D	Tetrachloro-m-xylene #2	yogesh	10/28/2025 7:45:24 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1248CCC500	PP076065.D	AR-1248-3 #2	yogesh	10/28/2025 7:45:08 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1242CCC500	PP076064.D	AR-1242-4 #2	yogesh	10/28/2025 7:45:06 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1660CCC500	PP076063.D	AR-1016-1 #2	yogesh	10/28/2025 7:45:04 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1660CCC500	PP076063.D	AR-1016-2 #2	yogesh	10/28/2025 7:45:04 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-03	PP076075.D	AR-1260-4	yogesh	10/28/2025 7:45:32 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-03	PP076075.D	Tetrachloro-m-xylene	yogesh	10/28/2025 7:45:32 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1248CCC500	PP076080.D	AR-1248-3 #2	yogesh	10/28/2025 7:45:40 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1248CCC50 0	PP076080.D	AR-1248-5 #2	yogesh	10/28/2025 7:45:40 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1254CCC50 0	PP076081.D	AR-1254-1	yogesh	10/28/2025 7:45:42 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-07	PP076076.D	Decachlorobiphenyl	yogesh	10/28/2025 7:45:35 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-07	PP076076.D	Decachlorobiphenyl #2	yogesh	10/28/2025 7:45:35 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-07	PP076076.D	Tetrachloro-m-xylene	yogesh	10/28/2025 7:45:35 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1242CCC50 0	PP076079.D	AR-1242-4 #2	yogesh	10/28/2025 7:45:37 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-05	PP076087.D	Decachlorobiphenyl	yogesh	10/28/2025 7:46:15 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-05	PP076087.D	Tetrachloro-m-xylene	yogesh	10/28/2025 7:46:15 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-05	PP076087.D	Tetrachloro-m-xylene #2	yogesh	10/28/2025 7:46:15 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1248CCC50 0	PP076095.D	AR-1248-3 #2	yogesh	10/28/2025 7:46:27 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1254CCC50 0	PP076096.D	AR-1254-1	yogesh	10/28/2025 7:46:29 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1254CCC50 0	PP076096.D	AR-1254-1 #2	yogesh	10/28/2025 7:46:29 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-01	PP076088.D	Decachlorobiphenyl	yogesh	10/28/2025 7:46:17 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102725	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3447-01	PP076088.D	Tetrachloro-m-xylene	yogesh	10/28/2025 7:46:17 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
Q3447-01	PP076088.D	Tetrachloro-m-xylene #2	yogesh	10/28/2025 7:46:17 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1242CCC500	PP076094.D	AR-1242-4 #2	yogesh	10/28/2025 7:46:25 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1242CCC500	PP076105.D	AR-1242-4 #2	yogesh	10/28/2025 7:46:39 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1242CCC500	PP076105.D	AR-1242-5 #2	yogesh	10/28/2025 7:46:39 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software
AR1248CCC500	PP076106.D	AR-1248-3 #2	yogesh	10/28/2025 7:46:41 AM	mohammad	10/29/2025 5:27:46	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC50 0	PP076111.D	AR-1242-4 #2	yogesh	10/29/2025 8:35:53 AM	Sohil	10/29/2025 4:00:43	Peak Integrated by Software
AR1242CCC50 0	PP076111.D	AR-1242-5 #2	yogesh	10/29/2025 8:35:53 AM	Sohil	10/29/2025 4:00:43	Peak Integrated by Software
AR1248CCC50 0	PP076112.D	AR-1248-1 #2	yogesh	10/29/2025 8:35:55 AM	Sohil	10/29/2025 4:00:47	Peak Integrated by Software
AR1248CCC50 0	PP076112.D	AR-1248-3 #2	yogesh	10/29/2025 8:35:55 AM	Sohil	10/29/2025 4:00:47	Peak Integrated by Software
AR1248CCC50 0	PP076112.D	AR-1248-5 #2	yogesh	10/29/2025 8:35:55 AM	Sohil	10/29/2025 4:00:47	Peak Integrated by Software
AR1254CCC50 0	PP076113.D	AR-1254-1	yogesh	10/29/2025 8:35:57 AM	Sohil	10/29/2025 4:00:52	Peak Integrated by Software
AR1254CCC50 0	PP076113.D	AR-1254-1 #2	yogesh	10/29/2025 8:35:57 AM	Sohil	10/29/2025 4:00:52	Peak Integrated by Software
Q3447-03RE	PP076119.D	AR-1260-3 #2	yogesh	10/29/2025 8:36:01 AM	Sohil	10/29/2025 4:00:57	Peak Integrated by Software
Q3447-03RE	PP076119.D	AR-1260-4	yogesh	10/29/2025 8:36:01 AM	Sohil	10/29/2025 4:00:57	Peak Integrated by Software
Q3447-03RE	PP076119.D	Tetrachloro-m-xylene	yogesh	10/29/2025 8:36:01 AM	Sohil	10/29/2025 4:00:57	Peak Integrated by Software
Q3447-01RE	PP076120.D	Tetrachloro-m-xylene	yogesh	10/29/2025 8:36:04 AM	Sohil	10/29/2025 4:01:02	Peak Integrated by Software
Q3447-01RE	PP076120.D	Tetrachloro-m-xylene #2	yogesh	10/29/2025 8:36:04 AM	Sohil	10/29/2025 4:01:02	Peak Integrated by Software
AR1660CCC50 0	PP076126.D	AR-1016-1 #2	yogesh	10/29/2025 8:36:22 AM	Sohil	10/29/2025 4:01:47	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PP102825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC50 0	PP076127.D	AR-1242-4 #2	yogesh	10/29/2025 8:36:24 AM	Sohil	10/29/2025 4:01:48	Peak Integrated by Software
AR1242CCC50 0	PP076127.D	AR-1242-5 #2	yogesh	10/29/2025 8:36:24 AM	Sohil	10/29/2025 4:01:48	Peak Integrated by Software
AR1248CCC50 0	PP076128.D	AR-1248-3 #2	yogesh	10/29/2025 8:36:26 AM	Sohil	10/29/2025 4:01:50	Peak Integrated by Software
AR1248CCC50 0	PP076128.D	AR-1248-5 #2	yogesh	10/29/2025 8:36:26 AM	Sohil	10/29/2025 4:01:50	Peak Integrated by Software
AR1254CCC50 0	PP076129.D	AR-1254-1	yogesh	10/29/2025 8:36:28 AM	Sohil	10/29/2025 4:01:52	Peak Integrated by Software
AR1254CCC50 0	PP076129.D	AR-1254-1 #2	yogesh	10/29/2025 8:36:28 AM	Sohil	10/29/2025 4:01:52	Peak Integrated by Software
AR1242CCC50 0	PP076143.D	AR-1242-4 #2	yogesh	10/29/2025 8:36:37 AM	Sohil	10/29/2025 4:02:35	Peak Integrated by Software
AR1242CCC50 0	PP076143.D	AR-1242-5 #2	yogesh	10/29/2025 8:36:37 AM	Sohil	10/29/2025 4:02:35	Peak Integrated by Software
AR1248CCC50 0	PP076144.D	AR-1248-3 #2	yogesh	10/29/2025 8:36:40 AM	Sohil	10/29/2025 4:02:40	Peak Integrated by Software
AR1248CCC50 0	PP076144.D	AR-1248-5 #2	yogesh	10/29/2025 8:36:40 AM	Sohil	10/29/2025 4:02:40	Peak Integrated by Software
AR1254CCC50 0	PP076145.D	AR-1254-1	yogesh	10/29/2025 8:36:42 AM	Sohil	10/29/2025 4:02:44	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pq101025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC050	PQ070977.D	AR-1260-1	yogesh	10/13/2025 8:00:35 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1660ICC050	PQ070977.D	AR-1260-2	yogesh	10/13/2025 8:00:35 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-1 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-2 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-3 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-4 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-5	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1242ICC050	PQ070984.D	AR-1242-5 #2	yogesh	10/13/2025 8:00:37 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICC250	PQ070988.D	AR-1248-4 #2	yogesh	10/13/2025 8:00:39 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICC250	PQ070988.D	AR-1248-5 #2	yogesh	10/13/2025 8:00:39 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1016-1 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1016-2 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1016-3 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software

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

Manual Integration Report

Sequence:	pq101025	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
PQ101025ICV500	PQ071001.D	AR-1016-4 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1016-5 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1260-1	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1260-1 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1260-2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
PQ101025ICV500	PQ071001.D	AR-1260-2 #2	rahul	10/31/2025 8:33:47 AM	yogesh	10/31/2025 8:34:28	Peak Integrated by Software
AR1242ICV500	PQ071002.D	AR-1242-3 #2	yogesh	10/13/2025 8:00:43 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICV500	PQ071003.D	AR-1248-4	yogesh	10/13/2025 8:00:45 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICV500	PQ071003.D	AR-1248-4 #2	yogesh	10/13/2025 8:00:45 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software
AR1248ICV500	PQ071003.D	AR-1248-5	yogesh	10/13/2025 8:00:45 AM	mohammad	10/14/2025 2:48:24	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ102725	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3450-02MSD	PQ071154.D	AR-1016-1	yogesh	10/27/2025 1:46:51 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MSD	PQ071154.D	AR-1016-1 #2	yogesh	10/27/2025 1:46:51 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MSD	PQ071154.D	AR-1016-2	yogesh	10/27/2025 1:46:51 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MSD	PQ071154.D	AR-1016-2 #2	yogesh	10/27/2025 1:46:51 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MSD	PQ071154.D	AR-1016-3	yogesh	10/27/2025 1:46:51 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MSD	PQ071154.D	AR-1016-4	yogesh	10/27/2025 1:46:51 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-1	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-1 #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-2 #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-3	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-3 #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1016-4	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ102725	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
Q3450-02MS	PQ071153.D	AR-1016-4 #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1254-1	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1254-2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1254-3	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1254-3 #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1254-4	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1260-1	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1260-1 #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	AR-1260-2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
Q3450-02MS	PQ071153.D	Tetrachloro-m-xylene #2	yogesh	10/27/2025 1:46:49 PM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1016-3	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1016-4	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1260-1	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software

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

Manual Integration Report

Sequence:	PQ102725	Instrument	ECD_q

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PQ071176.D	AR-1260-3	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1260-4	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1660CCC500	PQ071176.D	AR-1260-5	yogesh	10/28/2025 7:20:00 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-1	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-2	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-3	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-4	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	AR-1254-5	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software
AR1254CCC500	PQ071179.D	Decachlorobiphenyl	yogesh	10/28/2025 7:20:03 AM	mohammad	10/29/2025 5:27:51	Peak Integrated by Software

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 # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP075886.D	21 Oct 2025 08:33	YP\AJ	Ok
2	I.BLK	PP075887.D	21 Oct 2025 08:49	YP\AJ	Ok,M
3	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06	YP\AJ	Ok
4	AR1660ICC750	PP075889.D	21 Oct 2025 09:22	YP\AJ	Ok
5	AR1660ICC500	PP075890.D	21 Oct 2025 09:38	YP\AJ	Ok
6	AR1660ICC250	PP075891.D	21 Oct 2025 09:54	YP\AJ	Ok
7	AR1660ICC050	PP075892.D	21 Oct 2025 10:11	YP\AJ	Ok,M
8	AR1221ICC500	PP075893.D	21 Oct 2025 10:27	YP\AJ	Ok
9	AR1232ICC500	PP075894.D	21 Oct 2025 10:43	YP\AJ	Ok,M
10	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59	YP\AJ	Ok,M
11	AR1242ICC750	PP075896.D	21 Oct 2025 11:16	YP\AJ	Ok,M
12	AR1242ICC500	PP075897.D	21 Oct 2025 11:48	YP\AJ	Ok,M
13	AR1242ICC250	PP075898.D	21 Oct 2025 12:04	YP\AJ	Ok,M
14	AR1242ICC050	PP075899.D	21 Oct 2025 12:21	YP\AJ	Ok,M
15	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41	YP\AJ	Ok,M
16	AR1248ICC750	PP075901.D	21 Oct 2025 12:57	YP\AJ	Ok,M
17	AR1248ICC500	PP075902.D	21 Oct 2025 13:13	YP\AJ	Ok,M
18	AR1248ICC250	PP075903.D	21 Oct 2025 13:30	YP\AJ	Ok,M
19	AR1248ICC050	PP075904.D	21 Oct 2025 13:46	YP\AJ	Ok,M
20	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02	YP\AJ	Ok,M
21	AR1254ICC750	PP075906.D	21 Oct 2025 14:18	YP\AJ	Ok,M

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 # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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

22	AR1254ICC500	PP075907.D	21 Oct 2025 14:35	YP\AJ	Ok,M
23	AR1254ICC250	PP075908.D	21 Oct 2025 14:51	YP\AJ	Ok,M
24	AR1254ICC050	PP075909.D	21 Oct 2025 15:07	YP\AJ	Ok,M
25	AR1262ICC500	PP075910.D	21 Oct 2025 15:40	YP\AJ	Ok
26	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56	YP\AJ	Ok
27	AR1268ICC750	PP075912.D	21 Oct 2025 16:12	YP\AJ	Ok
28	AR1268ICC500	PP075913.D	21 Oct 2025 16:29	YP\AJ	Ok
29	AR1268ICC250	PP075914.D	21 Oct 2025 16:45	YP\AJ	Ok
30	AR1268ICC050	PP075915.D	21 Oct 2025 17:01	YP\AJ	Ok
31	PP102125ICV500	PP075916.D	21 Oct 2025 17:34	YP\AJ	Ok
32	AR1242ICV500	PP075917.D	21 Oct 2025 18:06	YP\AJ	Ok,M
33	AR1248ICV500	PP075918.D	21 Oct 2025 18:39	YP\AJ	Ok,M
34	AR1254ICV500	PP075919.D	22 Oct 2025 08:49	YP\AJ	Ok,M
35	AR1268ICV500	PP075920.D	22 Oct 2025 09:07	YP\AJ	Ok
36	DDT ANALOG	PP075921.D	22 Oct 2025 09:25	YP\AJ	Ok

M : Manual Integration

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 # PP102725

Review By	yogesh	Review On	10/27/2025 10:53:48 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:46 AM		
SubDirectory	PP102725	HP Acquire Method		HP Processing Method	PP102125

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP076062.D	27 Oct 2025 08:40	YP\AJ	Ok
2	AR1660CCC500	PP076063.D	27 Oct 2025 08:56	YP\AJ	Ok,M
3	AR1242CCC500	PP076064.D	27 Oct 2025 09:13	YP\AJ	Ok,M
4	AR1248CCC500	PP076065.D	27 Oct 2025 09:29	YP\AJ	Ok,M
5	AR1254CCC500	PP076066.D	27 Oct 2025 09:45	YP\AJ	Ok,M
6	I.BLK	PP076067.D	27 Oct 2025 10:02	YP\AJ	Ok
7	PB170236BL	PP076068.D	27 Oct 2025 10:18	YP\AJ	Ok,M
8	PB170236BS	PP076069.D	27 Oct 2025 10:34	YP\AJ	Ok,M
9	Q3439-01	PP076070.D	27 Oct 2025 11:06	YP\AJ	ReRun
10	Q3449-01	PP076071.D	27 Oct 2025 11:26	YP\AJ	Ok
11	Q3450-20DL	PP076072.D	27 Oct 2025 11:42	YP\AJ	Ok,M
12	Q3450-22DL	PP076073.D	27 Oct 2025 11:58	YP\AJ	Ok,M
13	Q3446-05	PP076074.D	27 Oct 2025 12:14	YP\AJ	Not Ok
14	Q3447-03	PP076075.D	27 Oct 2025 12:30	YP\AJ	ReRun
15	Q3447-07	PP076076.D	27 Oct 2025 12:47	YP\AJ	Ok,M
16	Q3446-05	PP076077.D	27 Oct 2025 13:03	YP\AJ	Dilution
17	AR1660CCC500	PP076078.D	27 Oct 2025 14:08	YP\AJ	Ok
18	AR1242CCC500	PP076079.D	27 Oct 2025 14:24	YP\AJ	Ok,M
19	AR1248CCC500	PP076080.D	27 Oct 2025 14:40	YP\AJ	Ok,M
20	AR1254CCC500	PP076081.D	27 Oct 2025 14:57	YP\AJ	Ok,M
21	I.BLK	PP076082.D	27 Oct 2025 15:13	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 # PP102725

Review By	yogesh	Review On	10/27/2025 10:53:48 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:46 AM		
SubDirectory	PP102725	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,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	

22	Q3456-01	PP076083.D	27 Oct 2025 15:29	YP\AJ	Ok,M
23	Q3457-01	PP076084.D	27 Oct 2025 15:45	YP\AJ	Ok,M
24	Q3460-01	PP076085.D	27 Oct 2025 16:02	YP\AJ	Ok
25	Q3460-17	PP076086.D	27 Oct 2025 16:18	YP\AJ	Ok,M
26	Q3447-05	PP076087.D	27 Oct 2025 16:34	YP\AJ	Ok,M
27	Q3447-01	PP076088.D	27 Oct 2025 16:50	YP\AJ	ReRun
28	Q3459-01	PP076089.D	27 Oct 2025 17:07	YP\AJ	Ok,M
29	Q3459-02	PP076090.D	27 Oct 2025 17:23	YP\AJ	Ok,M
30	Q3459-03	PP076091.D	27 Oct 2025 17:39	YP\AJ	Ok,M
31	Q3459-04	PP076092.D	27 Oct 2025 17:55	YP\AJ	Ok
32	AR1660CCC500	PP076093.D	27 Oct 2025 19:00	YP\AJ	Ok
33	AR1242CCC500	PP076094.D	27 Oct 2025 19:49	YP\AJ	Ok,M
34	AR1248CCC500	PP076095.D	27 Oct 2025 20:05	YP\AJ	Ok,M
35	AR1254CCC500	PP076096.D	27 Oct 2025 20:21	YP\AJ	Ok,M
36	I.BLK	PP076097.D	27 Oct 2025 20:38	YP\AJ	Ok
37	PB170272BL	PP076098.D	27 Oct 2025 20:54	YP\AJ	Ok
38	PB170272BS	PP076099.D	27 Oct 2025 21:10	YP\AJ	Ok,M
39	Q3459-05	PP076100.D	27 Oct 2025 21:26	YP\AJ	Ok,M
40	Q3459-06	PP076101.D	27 Oct 2025 21:42	YP\AJ	Ok,M
41	Q3459-07	PP076102.D	27 Oct 2025 21:59	YP\AJ	Ok,M
42	Q3459-08	PP076103.D	27 Oct 2025 22:15	YP\AJ	Ok,M
43	AR1660CCC500	PP076104.D	27 Oct 2025 23:20	YP\AJ	Ok
44	AR1242CCC500	PP076105.D	28 Oct 2025 00:08	YP\AJ	Ok,M

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 # PP102725

Review By	yogesh	Review On	10/27/2025 10:53:48 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:46 AM		
SubDirectory	PP102725	HP Acquire Method		HP Processing Method	PP102125

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

45	AR1248CCC500	PP076106.D	28 Oct 2025 00:25	YP\AJ	Ok,M
46	AR1254CCC500	PP076107.D	28 Oct 2025 00:41	YP\AJ	Ok
47	I.BLK	PP076108.D	28 Oct 2025 00:57	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 # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM		
SubDirectory	PP102825	HP Acquire Method		HP Processing Method	PP102125

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP076109.D	28 Oct 2025 09:06	YP\AJ	Ok
2	AR1660CCC500	PP076110.D	28 Oct 2025 09:22	YP\AJ	Ok
3	AR1242CCC500	PP076111.D	28 Oct 2025 09:43	YP\AJ	Ok,M
4	AR1248CCC500	PP076112.D	28 Oct 2025 10:00	YP\AJ	Ok,M
5	AR1254CCC500	PP076113.D	28 Oct 2025 10:16	YP\AJ	Ok,M
6	AR1268CCC500	PP076114.D	28 Oct 2025 10:32	YP\AJ	Ok
7	I.BLK	PP076115.D	28 Oct 2025 10:48	YP\AJ	Ok
8	Q3439-01	PP076116.D	28 Oct 2025 11:05	YP\AJ	Ok
9	Q3460-05	PP076117.D	28 Oct 2025 11:21	YP\AJ	Ok
10	Q3460-09	PP076118.D	28 Oct 2025 11:37	YP\AJ	Ok
11	Q3447-03RE	PP076119.D	28 Oct 2025 11:53	YP\AJ	Confirms
12	Q3447-01RE	PP076120.D	28 Oct 2025 12:09	YP\AJ	Confirms
13	Q3472-10	PP076121.D	28 Oct 2025 12:26	YP\AJ	Ok,M
14	Q3472-12	PP076122.D	28 Oct 2025 12:42	YP\AJ	Ok,M
15	Q3472-14	PP076123.D	28 Oct 2025 12:58	YP\AJ	Ok,M
16	Q3472-16	PP076124.D	28 Oct 2025 13:14	YP\AJ	Ok,M
17	Q3472-18	PP076125.D	28 Oct 2025 13:30	YP\AJ	Ok,M
18	AR1660CCC500	PP076126.D	28 Oct 2025 14:35	YP\AJ	Ok,M
19	AR1242CCC500	PP076127.D	28 Oct 2025 14:52	YP\AJ	Ok,M
20	AR1248CCC500	PP076128.D	28 Oct 2025 15:08	YP\AJ	Ok,M
21	AR1254CCC500	PP076129.D	28 Oct 2025 15:24	YP\AJ	Ok,M

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 # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM		
SubDirectory	PP102825	HP Acquire Method		HP Processing Method	PP102125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829 ,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,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	

22	AR1268CCC500	PP076130.D	28 Oct 2025 15:40	YP\AJ	Ok
23	I.BLK	PP076131.D	28 Oct 2025 15:57	YP\AJ	Ok
24	PB170282BL	PP076132.D	28 Oct 2025 16:13	YP\AJ	Ok
25	PB170282BS	PP076133.D	28 Oct 2025 16:29	YP\AJ	Not Ok
26	Q3465-01	PP076134.D	28 Oct 2025 16:45	YP\AJ	Ok
27	Q3466-02	PP076135.D	28 Oct 2025 17:02	YP\AJ	Ok,M
28	Q3466-05	PP076136.D	28 Oct 2025 17:18	YP\AJ	Ok
29	Q3466-07	PP076137.D	28 Oct 2025 17:34	YP\AJ	Ok
30	Q3469-01	PP076138.D	28 Oct 2025 17:50	YP\AJ	Ok
31	Q3472-04	PP076139.D	28 Oct 2025 18:06	YP\AJ	Ok,M
32	Q3472-06	PP076140.D	28 Oct 2025 18:23	YP\AJ	Ok,M
33	Q3472-08	PP076141.D	28 Oct 2025 18:39	YP\AJ	Not Ok
34	AR1660CCC500	PP076142.D	28 Oct 2025 19:44	YP\AJ	Ok
35	AR1242CCC500	PP076143.D	28 Oct 2025 20:32	YP\AJ	Ok,M
36	AR1248CCC500	PP076144.D	28 Oct 2025 20:49	YP\AJ	Ok,M
37	AR1254CCC500	PP076145.D	28 Oct 2025 21:05	YP\AJ	Ok,M
38	I.BLK	PP076146.D	28 Oct 2025 21:21	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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

Sr#	SampleId	Data File Name	Date-Time	Operator	Status
1	HEXANE	PQ070971.D	10 Oct 2025 08:27	YP\AJ	Ok
2	I.BLK	PQ070972.D	10 Oct 2025 08:42	YP\AJ	Ok
3	AR1660ICC1000	PQ070973.D	10 Oct 2025 08:57	YP\AJ	Ok
4	AR1660ICC750	PQ070974.D	10 Oct 2025 09:11	YP\AJ	Ok
5	AR1660ICC500	PQ070975.D	10 Oct 2025 09:26	YP\AJ	Ok
6	AR1660ICC250	PQ070976.D	10 Oct 2025 09:40	YP\AJ	Ok
7	AR1660ICC050	PQ070977.D	10 Oct 2025 09:55	YP\AJ	Ok,M
8	AR1221ICC500	PQ070978.D	10 Oct 2025 10:09	YP\AJ	Ok
9	AR1232ICC500	PQ070979.D	10 Oct 2025 10:24	YP\AJ	Ok
10	AR1242ICC1000	PQ070980.D	10 Oct 2025 10:38	YP\AJ	Ok
11	AR1242ICC750	PQ070981.D	10 Oct 2025 10:53	YP\AJ	Ok
12	AR1242ICC500	PQ070982.D	10 Oct 2025 11:08	YP\AJ	Ok
13	AR1242ICC250	PQ070983.D	10 Oct 2025 11:22	YP\AJ	Ok
14	AR1242ICC050	PQ070984.D	10 Oct 2025 11:37	YP\AJ	Ok,M
15	AR1248ICC1000	PQ070985.D	10 Oct 2025 11:51	YP\AJ	Ok
16	AR1248ICC750	PQ070986.D	10 Oct 2025 12:06	YP\AJ	Ok
17	AR1248ICC500	PQ070987.D	10 Oct 2025 12:20	YP\AJ	Ok
18	AR1248ICC250	PQ070988.D	10 Oct 2025 12:35	YP\AJ	Ok,M
19	AR1248ICC050	PQ070989.D	10 Oct 2025 12:50	YP\AJ	Ok
20	AR1254ICC1000	PQ070990.D	10 Oct 2025 13:04	YP\AJ	Ok
21	AR1254ICC750	PQ070991.D	10 Oct 2025 13:19	YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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

22	AR1254ICC500	PQ070992.D	10 Oct 2025 13:33	YP\AJ	Ok
23	AR1254ICC250	PQ070993.D	10 Oct 2025 13:48	YP\AJ	Ok
24	AR1254ICC050	PQ070994.D	10 Oct 2025 15:15	YP\AJ	Ok
25	AR1262ICC500	PQ070995.D	10 Oct 2025 15:30	YP\AJ	Ok
26	AR1268ICC1000	PQ070996.D	10 Oct 2025 15:44	YP\AJ	Ok
27	AR1268ICC750	PQ070997.D	10 Oct 2025 15:59	YP\AJ	Ok
28	AR1268ICC500	PQ070998.D	10 Oct 2025 16:13	YP\AJ	Ok
29	AR1268ICC250	PQ070999.D	10 Oct 2025 16:28	YP\AJ	Ok
30	AR1268ICC050	PQ071000.D	10 Oct 2025 16:43	YP\AJ	Ok
31	PQ101025ICV500	PQ071001.D	10 Oct 2025 16:57	YP\AJ	Ok,M
32	AR1242ICV500	PQ071002.D	10 Oct 2025 17:41	YP\AJ	Ok,M
33	AR1248ICV500	PQ071003.D	10 Oct 2025 18:25	YP\AJ	Ok,M
34	AR1254ICV500	PQ071004.D	10 Oct 2025 19:08	YP\AJ	Ok
35	AR1268ICV500	PQ071005.D	10 Oct 2025 19:52	YP\AJ	Ok
36	DDT ANALOG	PQ071006.D	10 Oct 2025 20:36	YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	PQ071148.D	27 Oct 2025 08:42	YP\AJ	Ok
2	AR1660CCC500	PQ071149.D	27 Oct 2025 08:57	YP\AJ	Ok
3	I.BLK	PQ071150.D	27 Oct 2025 09:11	YP\AJ	Ok
4	Q3450-01	PQ071151.D	27 Oct 2025 09:26	YP\AJ	Ok
5	Q3450-02	PQ071152.D	27 Oct 2025 09:41	YP\AJ	Ok
6	Q3450-02MS	PQ071153.D	27 Oct 2025 09:55	YP\AJ	Ok,M
7	Q3450-02MSD	PQ071154.D	27 Oct 2025 10:10	YP\AJ	Ok,M
8	Q3450-08	PQ071155.D	27 Oct 2025 10:24	YP\AJ	Ok
9	Q3450-09	PQ071156.D	27 Oct 2025 10:39	YP\AJ	Ok,M
10	Q3437-16	PQ071157.D	27 Oct 2025 10:54	YP\AJ	Ok
11	Q3419-01	PQ071158.D	27 Oct 2025 11:08	YP\AJ	Ok,M
12	Q3419-02MS	PQ071159.D	27 Oct 2025 11:23	YP\AJ	Ok
13	Q3419-03MSD	PQ071160.D	27 Oct 2025 11:37	YP\AJ	Ok
14	AR1660CCC500	PQ071161.D	27 Oct 2025 12:35	YP\AJ	Ok
15	AR1242CCC500	PQ071162.D	27 Oct 2025 13:34	YP\AJ	Ok
16	AR1248CCC500	PQ071163.D	27 Oct 2025 13:49	YP\AJ	Ok
17	AR1254CCC500	PQ071164.D	27 Oct 2025 14:03	YP\AJ	Ok
18	I.BLK	PQ071165.D	27 Oct 2025 14:18	YP\AJ	Ok
19	PB170255BL	PQ071166.D	27 Oct 2025 14:32	YP\AJ	Not Ok
20	PB170255BS	PQ071167.D	27 Oct 2025 14:47	YP\AJ	Not Ok
21	Q3451-01	PQ071168.D	27 Oct 2025 15:01	YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	Q3451-05	PQ071169.D	27 Oct 2025 15:16	YP\AJ	Ok
23	Q3451-05MS	PQ071170.D	27 Oct 2025 15:31	YP\AJ	Ok
24	Q3451-05MSD	PQ071171.D	27 Oct 2025 15:45	YP\AJ	Ok
25	Q3452-01	PQ071172.D	27 Oct 2025 16:00	YP\AJ	Ok
26	Q3460-05	PQ071173.D	27 Oct 2025 16:14	YP\AJ	ReRun
27	Q3460-09	PQ071174.D	27 Oct 2025 16:29	YP\AJ	ReRun
28	Q3460-13	PQ071175.D	27 Oct 2025 16:43	YP\AJ	Ok,M
29	AR1660CCC500	PQ071176.D	27 Oct 2025 17:42	YP\AJ	Ok,M
30	AR1242CCC500	PQ071177.D	27 Oct 2025 18:40	YP\AJ	Ok
31	AR1248CCC500	PQ071178.D	27 Oct 2025 18:55	YP\AJ	Ok
32	AR1254CCC500	PQ071179.D	27 Oct 2025 19:09	YP\AJ	Ok,M
33	I.BLK	PQ071180.D	27 Oct 2025 19:24	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 # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP075886.D	21 Oct 2025 08:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP075887.D	21 Oct 2025 08:49		YP\AJ	Ok,M
3	AR1660ICC1000	AR1660ICC1000	PP075888.D	21 Oct 2025 09:06		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP075889.D	21 Oct 2025 09:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP075890.D	21 Oct 2025 09:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP075891.D	21 Oct 2025 09:54		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PP075892.D	21 Oct 2025 10:11		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP075893.D	21 Oct 2025 10:27		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP075894.D	21 Oct 2025 10:43		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP075895.D	21 Oct 2025 10:59		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP075896.D	21 Oct 2025 11:16		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP075897.D	21 Oct 2025 11:48		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP075898.D	21 Oct 2025 12:04		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP075899.D	21 Oct 2025 12:21		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP075900.D	21 Oct 2025 12:41		YP\AJ	Ok,M
16	AR1248ICC750	AR1248ICC750	PP075901.D	21 Oct 2025 12:57		YP\AJ	Ok,M
17	AR1248ICC500	AR1248ICC500	PP075902.D	21 Oct 2025 13:13		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP075903.D	21 Oct 2025 13:30		YP\AJ	Ok,M

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 # PP102125

Review By	yogesh	Review On	10/21/2025 12:01:15 PM		
Supervise By	mohammad	Supervise On	10/25/2025 7:28:37 AM		
SubDirectory	PP102125	HP Acquire Method		HP Processing Method	PP102125

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

19	AR1248ICC050	AR1248ICC050	PP075904.D	21 Oct 2025 13:46		YP\AJ	Ok,M
20	AR1254ICC1000	AR1254ICC1000	PP075905.D	21 Oct 2025 14:02		YP\AJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP075906.D	21 Oct 2025 14:18		YP\AJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP075907.D	21 Oct 2025 14:35		YP\AJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP075908.D	21 Oct 2025 14:51		YP\AJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP075909.D	21 Oct 2025 15:07		YP\AJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP075910.D	21 Oct 2025 15:40		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP075911.D	21 Oct 2025 15:56		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PP075912.D	21 Oct 2025 16:12		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PP075913.D	21 Oct 2025 16:29		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PP075914.D	21 Oct 2025 16:45		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PP075915.D	21 Oct 2025 17:01		YP\AJ	Ok
31	PP102125ICV500	ICVPP102125	PP075916.D	21 Oct 2025 17:34		YP\AJ	Ok
32	AR1242ICV500	ICVPP102125AR1242	PP075917.D	21 Oct 2025 18:06		YP\AJ	Ok,M
33	AR1248ICV500	ICVPP102125AR1248	PP075918.D	21 Oct 2025 18:39		YP\AJ	Ok,M
34	AR1254ICV500	ICVPP102125AR1254	PP075919.D	22 Oct 2025 08:49		YP\AJ	Ok,M
35	AR1268ICV500	ICVPP102125AR1268	PP075920.D	22 Oct 2025 09:07		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PP075921.D	22 Oct 2025 09:25		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 # PP102725

Review By	yogesh	Review On	10/27/2025 10:53:48 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:46 AM		
SubDirectory	PP102725	HP Acquire Method		HP Processing Method	PP102125

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP076062.D	27 Oct 2025 08:40		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076063.D	27 Oct 2025 08:56		YP\AJ	Ok,M
3	AR1242CCC500	AR1242CCC500	PP076064.D	27 Oct 2025 09:13		YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076065.D	27 Oct 2025 09:29		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076066.D	27 Oct 2025 09:45		YP\AJ	Ok,M
6	I.BLK	I.BLK	PP076067.D	27 Oct 2025 10:02		YP\AJ	Ok
7	PB170236BL	PB170236BL	PP076068.D	27 Oct 2025 10:18		YP\AJ	Ok,M
8	PB170236BS	PB170236BS	PP076069.D	27 Oct 2025 10:34		YP\AJ	Ok,M
9	Q3439-01	TP-9	PP076070.D	27 Oct 2025 11:06	DCB,TCX high 1st column	YP\AJ	ReRun
10	Q3449-01	CF-620-COMP-41	PP076071.D	27 Oct 2025 11:26		YP\AJ	Ok
11	Q3450-20DL	SS-21-(0.0-0.5)DL	PP076072.D	27 Oct 2025 11:42	AR1254 Hit	YP\AJ	Ok,M
12	Q3450-22DL	SS-21-(3.5-4.0)DL	PP076073.D	27 Oct 2025 11:58	AR1254 Hit	YP\AJ	Ok,M
13	Q3446-05	SB-18	PP076074.D	27 Oct 2025 12:14	AR1242 Hit, Need Dilution, f flag	YP\AJ	Not Ok
14	Q3447-03	P001-TW2-251023-01	PP076075.D	27 Oct 2025 12:30	F Flag in TCMX in 2nd column , TCMX high in both column , AR1254+1260 Hit	YP\AJ	ReRun
15	Q3447-07	P001-TW4-251023-01	PP076076.D	27 Oct 2025 12:47	TCMX high in 2nd column	YP\AJ	Ok,M
16	Q3446-05	SB-18	PP076077.D	27 Oct 2025 13:03	TCMX high in 2nd column , AR1242 hit , need 100x dilution	YP\AJ	Dilution
17	AR1660CCC500	AR1660CCC500	PP076078.D	27 Oct 2025 14:08		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 # PP102725

Review By	yogesh	Review On	10/27/2025 10:53:48 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:46 AM		
SubDirectory	PP102725	HP Acquire Method		HP Processing Method	PP102125

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

18	AR1242CCC500	AR1242CCC500	PP076079.D	27 Oct 2025 14:24		YP\AJ	Ok,M
19	AR1248CCC500	AR1248CCC500	PP076080.D	27 Oct 2025 14:40		YP\AJ	Ok,M
20	AR1254CCC500	AR1254CCC500	PP076081.D	27 Oct 2025 14:57		YP\AJ	Ok,M
21	I.BLK	I.BLK	PP076082.D	27 Oct 2025 15:13		YP\AJ	Ok
22	Q3456-01	OILY-DEBRIS	PP076083.D	27 Oct 2025 15:29		YP\AJ	Ok,M
23	Q3457-01	TR-05-102425	PP076084.D	27 Oct 2025 15:45		YP\AJ	Ok,M
24	Q3460-01	WC-1	PP076085.D	27 Oct 2025 16:02		YP\AJ	Ok
25	Q3460-17	WC-5	PP076086.D	27 Oct 2025 16:18		YP\AJ	Ok,M
26	Q3447-05	P001-TW3-251023-01	PP076087.D	27 Oct 2025 16:34	TCMX high in 2nd column	YP\AJ	Ok,M
27	Q3447-01	P001-TW1-251023-01	PP076088.D	27 Oct 2025 16:50	F Flag in TCMX in 2nd column , TCMX high in both column	YP\AJ	ReRun
28	Q3459-01	Y2404-0071-END-1-1	PP076089.D	27 Oct 2025 17:07	AR1254 Hit	YP\AJ	Ok,M
29	Q3459-02	Y2404-0071-END-1-2	PP076090.D	27 Oct 2025 17:23		YP\AJ	Ok,M
30	Q3459-03	Y2404-0071-END-2-1	PP076091.D	27 Oct 2025 17:39	AR1254 Hit	YP\AJ	Ok,M
31	Q3459-04	Y2404-0071-END-2-2	PP076092.D	27 Oct 2025 17:55		YP\AJ	Ok
32	AR1660CCC500	AR1660CCC500	PP076093.D	27 Oct 2025 19:00		YP\AJ	Ok
33	AR1242CCC500	AR1242CCC500	PP076094.D	27 Oct 2025 19:49		YP\AJ	Ok,M
34	AR1248CCC500	AR1248CCC500	PP076095.D	27 Oct 2025 20:05		YP\AJ	Ok,M
35	AR1254CCC500	AR1254CCC500	PP076096.D	27 Oct 2025 20:21		YP\AJ	Ok,M
36	I.BLK	I.BLK	PP076097.D	27 Oct 2025 20:38		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 # PP102725

Review By	yogesh	Review On	10/27/2025 10:53:48 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:46 AM		
SubDirectory	PP102725	HP Acquire Method		HP Processing Method	PP102125

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

37	PB170272BL	PB170272BL	PP076098.D	27 Oct 2025 20:54		YP\AJ	Ok
38	PB170272BS	PB170272BS	PP076099.D	27 Oct 2025 21:10		YP\AJ	Ok,M
39	Q3459-05	BC259240LOK-END-1-	PP076100.D	27 Oct 2025 21:26		YP\AJ	Ok,M
40	Q3459-06	BC259240LOK-END-1-	PP076101.D	27 Oct 2025 21:42		YP\AJ	Ok,M
41	Q3459-07	BC271327-END-1-1	PP076102.D	27 Oct 2025 21:59		YP\AJ	Ok,M
42	Q3459-08	BC271327-END-1-2	PP076103.D	27 Oct 2025 22:15		YP\AJ	Ok,M
43	AR1660CCC500	AR1660CCC500	PP076104.D	27 Oct 2025 23:20		YP\AJ	Ok
44	AR1242CCC500	AR1242CCC500	PP076105.D	28 Oct 2025 00:08		YP\AJ	Ok,M
45	AR1248CCC500	AR1248CCC500	PP076106.D	28 Oct 2025 00:25		YP\AJ	Ok,M
46	AR1254CCC500	AR1254CCC500	PP076107.D	28 Oct 2025 00:41		YP\AJ	Ok
47	I.BLK	I.BLK	PP076108.D	28 Oct 2025 00:57		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 # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM		
SubDirectory	PP102825	HP Acquire Method		HP Processing Method	PP102125

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP076109.D	28 Oct 2025 09:06		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP076110.D	28 Oct 2025 09:22		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP076111.D	28 Oct 2025 09:43	AR1260-04 high in second column	YP\AJ	Ok,M
4	AR1248CCC500	AR1248CCC500	PP076112.D	28 Oct 2025 10:00		YP\AJ	Ok,M
5	AR1254CCC500	AR1254CCC500	PP076113.D	28 Oct 2025 10:16	TCMX high in sec column	YP\AJ	Ok,M
6	AR1268CCC500	AR1268CCC500	PP076114.D	28 Oct 2025 10:32		YP\AJ	Ok
7	I.BLK	I.BLK	PP076115.D	28 Oct 2025 10:48		YP\AJ	Ok
8	Q3439-01	TP-9	PP076116.D	28 Oct 2025 11:05		YP\AJ	Ok
9	Q3460-05	WC-2	PP076117.D	28 Oct 2025 11:21		YP\AJ	Ok
10	Q3460-09	WC-3	PP076118.D	28 Oct 2025 11:37		YP\AJ	Ok
11	Q3447-03RE	P001-TW2-251023-01R	PP076119.D	28 Oct 2025 11:53	F Flag in TCMX in 2nd column , TCMX high in both column , AR1254+1260 Hit	YP\AJ	Confirms
12	Q3447-01RE	P001-TW1-251023-01R	PP076120.D	28 Oct 2025 12:09	F Flag in TCMX in 2nd column ,DCB high 1st column, TCMX high in both column	YP\AJ	Confirms
13	Q3472-10	COMP-4	PP076121.D	28 Oct 2025 12:26	TCMX low in 2nd column	YP\AJ	Ok,M
14	Q3472-12	COMP-5	PP076122.D	28 Oct 2025 12:42		YP\AJ	Ok,M
15	Q3472-14	155	PP076123.D	28 Oct 2025 12:58	DCB low 2nd column	YP\AJ	Ok,M
16	Q3472-16	142	PP076124.D	28 Oct 2025 13:14		YP\AJ	Ok,M

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 # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM		
SubDirectory	PP102825	HP Acquire Method		HP Processing Method	PP102125

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

17	Q3472-18	137	PP076125.D	28 Oct 2025 13:30	TCX, high 2nd column	YP\AJ	Ok,M
18	AR1660CCC500	AR1660CCC500	PP076126.D	28 Oct 2025 14:35		YP\AJ	Ok,M
19	AR1242CCC500	AR1242CCC500	PP076127.D	28 Oct 2025 14:52		YP\AJ	Ok,M
20	AR1248CCC500	AR1248CCC500	PP076128.D	28 Oct 2025 15:08		YP\AJ	Ok,M
21	AR1254CCC500	AR1254CCC500	PP076129.D	28 Oct 2025 15:24		YP\AJ	Ok,M
22	AR1268CCC500	AR1268CCC500	PP076130.D	28 Oct 2025 15:40		YP\AJ	Ok
23	I.BLK	I.BLK	PP076131.D	28 Oct 2025 15:57		YP\AJ	Ok
24	PB170282BL	PB170282BL	PP076132.D	28 Oct 2025 16:13		YP\AJ	Ok
25	PB170282BS	PB170282BS	PP076133.D	28 Oct 2025 16:29	AR1016 recovery fail	YP\AJ	Not Ok
26	Q3465-01	SU-03-10242025	PP076134.D	28 Oct 2025 16:45	AR1254 Hit	YP\AJ	Ok
27	Q3466-02	B8-0.0-1.0-20251023	PP076135.D	28 Oct 2025 17:02	AR1254 Hit	YP\AJ	Ok,M
28	Q3466-05	B9-0.0-1.0-20251023	PP076136.D	28 Oct 2025 17:18		YP\AJ	Ok
29	Q3466-07	B7-1.0-2.0-20251023	PP076137.D	28 Oct 2025 17:34		YP\AJ	Ok
30	Q3469-01	TP-13	PP076138.D	28 Oct 2025 17:50		YP\AJ	Ok
31	Q3472-04	COMP-1	PP076139.D	28 Oct 2025 18:06		YP\AJ	Ok,M
32	Q3472-06	COMP-2	PP076140.D	28 Oct 2025 18:23	TCMX high in 2nd column	YP\AJ	Ok,M
33	Q3472-08	COMP-3	PP076141.D	28 Oct 2025 18:39	F Flag in TCMX in 2nd column , TCMX high in both column	YP\AJ	Not Ok
34	AR1660CCC500	AR1660CCC500	PP076142.D	28 Oct 2025 19:44		YP\AJ	Ok
35	AR1242CCC500	AR1242CCC500	PP076143.D	28 Oct 2025 20:32		YP\AJ	Ok,M

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 # PP102825

Review By	yogesh	Review On	10/28/2025 10:20:32 AM		
Supervise By	Sohil	Supervise On	10/29/2025 4:02:54 PM		
SubDirectory	PP102825	HP Acquire Method		HP Processing Method	PP102125

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

36	AR1248CCC500	AR1248CCC500	PP076144.D	28 Oct 2025 20:49		YP\AJ	Ok,M
37	AR1254CCC500	AR1254CCC500	PP076145.D	28 Oct 2025 21:05		YP\AJ	Ok,M
38	I.BLK	I.BLK	PP076146.D	28 Oct 2025 21:21		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PQ070971.D	10 Oct 2025 08:27		YP\AJ	Ok
2	I.BLK	I.BLK	PQ070972.D	10 Oct 2025 08:42		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PQ070973.D	10 Oct 2025 08:57		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PQ070974.D	10 Oct 2025 09:11		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PQ070975.D	10 Oct 2025 09:26		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PQ070976.D	10 Oct 2025 09:40		YP\AJ	Ok
7	AR1660ICC050	AR1660ICC050	PQ070977.D	10 Oct 2025 09:55		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PQ070978.D	10 Oct 2025 10:09		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PQ070979.D	10 Oct 2025 10:24		YP\AJ	Ok
10	AR1242ICC1000	AR1242ICC1000	PQ070980.D	10 Oct 2025 10:38		YP\AJ	Ok
11	AR1242ICC750	AR1242ICC750	PQ070981.D	10 Oct 2025 10:53		YP\AJ	Ok
12	AR1242ICC500	AR1242ICC500	PQ070982.D	10 Oct 2025 11:08		YP\AJ	Ok
13	AR1242ICC250	AR1242ICC250	PQ070983.D	10 Oct 2025 11:22		YP\AJ	Ok
14	AR1242ICC050	AR1242ICC050	PQ070984.D	10 Oct 2025 11:37		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PQ070985.D	10 Oct 2025 11:51		YP\AJ	Ok
16	AR1248ICC750	AR1248ICC750	PQ070986.D	10 Oct 2025 12:06		YP\AJ	Ok
17	AR1248ICC500	AR1248ICC500	PQ070987.D	10 Oct 2025 12:20		YP\AJ	Ok
18	AR1248ICC250	AR1248ICC250	PQ070988.D	10 Oct 2025 12:35		YP\AJ	Ok,M

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ101025

Review By	yogesh	Review On	10/10/2025 10:11:25 AM		
Supervise By	mohammad	Supervise On	10/14/2025 2:48:24 AM		
SubDirectory	PQ101025	HP Acquire Method		HP Processing Method	PQ101025

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

19	AR1248ICC050	AR1248ICC050	PQ070989.D	10 Oct 2025 12:50		YP\AJ	Ok
20	AR1254ICC1000	AR1254ICC1000	PQ070990.D	10 Oct 2025 13:04		YP\AJ	Ok
21	AR1254ICC750	AR1254ICC750	PQ070991.D	10 Oct 2025 13:19		YP\AJ	Ok
22	AR1254ICC500	AR1254ICC500	PQ070992.D	10 Oct 2025 13:33		YP\AJ	Ok
23	AR1254ICC250	AR1254ICC250	PQ070993.D	10 Oct 2025 13:48		YP\AJ	Ok
24	AR1254ICC050	AR1254ICC050	PQ070994.D	10 Oct 2025 15:15		YP\AJ	Ok
25	AR1262ICC500	AR1262ICC500	PQ070995.D	10 Oct 2025 15:30		YP\AJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PQ070996.D	10 Oct 2025 15:44		YP\AJ	Ok
27	AR1268ICC750	AR1268ICC750	PQ070997.D	10 Oct 2025 15:59		YP\AJ	Ok
28	AR1268ICC500	AR1268ICC500	PQ070998.D	10 Oct 2025 16:13		YP\AJ	Ok
29	AR1268ICC250	AR1268ICC250	PQ070999.D	10 Oct 2025 16:28		YP\AJ	Ok
30	AR1268ICC050	AR1268ICC050	PQ071000.D	10 Oct 2025 16:43		YP\AJ	Ok
31	PQ101025ICV500	ICVPQ101025	PQ071001.D	10 Oct 2025 16:57		YP\AJ	Ok,M
32	AR1242ICV500	ICVPQ101025AR1242	PQ071002.D	10 Oct 2025 17:41		YP\AJ	Ok,M
33	AR1248ICV500	ICVPQ101025AR1248	PQ071003.D	10 Oct 2025 18:25		YP\AJ	Ok,M
34	AR1254ICV500	ICVPQ101025AR1254	PQ071004.D	10 Oct 2025 19:08		YP\AJ	Ok
35	AR1268ICV500	ICVPQ101025AR1268	PQ071005.D	10 Oct 2025 19:52		YP\AJ	Ok
36	DDT ANALOG	DDT ANALOG	PQ071006.D	10 Oct 2025 20:36		YP\AJ	Ok

M : Manual Integration

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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	PQ071148.D	27 Oct 2025 08:42		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PQ071149.D	27 Oct 2025 08:57		YP\AJ	Ok
3	I.BLK	I.BLK	PQ071150.D	27 Oct 2025 09:11		YP\AJ	Ok
4	Q3450-01	SS-5R-(2.0-2.5)	PQ071151.D	27 Oct 2025 09:26	AR1254 Hit	YP\AJ	Ok
5	Q3450-02	SS-5R-(3.5-4.0)	PQ071152.D	27 Oct 2025 09:41	AR1254 Hit	YP\AJ	Ok
6	Q3450-02MS	SS-5R-(3.5-4.0)MS	PQ071153.D	27 Oct 2025 09:55		YP\AJ	Ok,M
7	Q3450-02MSD	SS-5R-(3.5-4.0)MSD	PQ071154.D	27 Oct 2025 10:10		YP\AJ	Ok,M
8	Q3450-08	SS-20-(0.0-0.5)	PQ071155.D	27 Oct 2025 10:24	AR1254 Hit	YP\AJ	Ok
9	Q3450-09	SS-20-(2.0-2.5)	PQ071156.D	27 Oct 2025 10:39	AR1254 Hit	YP\AJ	Ok,M
10	Q3437-16	SS-23(0-0.5)	PQ071157.D	27 Oct 2025 10:54	AR1254 Hit, TCX high 1st column	YP\AJ	Ok
11	Q3419-01	PR-132-S16-015094-20	PQ071158.D	27 Oct 2025 11:08	AR1242 hits	YP\AJ	Ok,M
12	Q3419-02MS	PR-132-S16-015094-20	PQ071159.D	27 Oct 2025 11:23		YP\AJ	Ok
13	Q3419-03MSD	PR-132-S16-015094-20	PQ071160.D	27 Oct 2025 11:37		YP\AJ	Ok
14	AR1660CCC500	AR1660CCC500	PQ071161.D	27 Oct 2025 12:35		YP\AJ	Ok
15	AR1242CCC500	AR1242CCC500	PQ071162.D	27 Oct 2025 13:34		YP\AJ	Ok
16	AR1248CCC500	AR1248CCC500	PQ071163.D	27 Oct 2025 13:49		YP\AJ	Ok
17	AR1254CCC500	AR1254CCC500	PQ071164.D	27 Oct 2025 14:03		YP\AJ	Ok

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

Instrument ID: ECD_Q

Daily Analysis Runlog For Sequence/QCBatch ID # PQ102725

Review By	yogesh	Review On	10/27/2025 10:54:57 AM		
Supervise By	mohammad	Supervise On	10/29/2025 5:27:51 AM		
SubDirectory	PQ102725	HP Acquire Method		HP Processing Method	PQ101025

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

18	I.BLK	I.BLK	PQ071165.D	27 Oct 2025 14:18		YP\AJ	Ok
19	PB170255BL	PB170255BL	PQ071166.D	27 Oct 2025 14:32	DCB high 1st column for PSEG	YP\AJ	Not Ok
20	PB170255BS	PB170255BS	PQ071167.D	27 Oct 2025 14:47	DCB high 1st column for PSEG	YP\AJ	Not Ok
21	Q3451-01	TP-11	PQ071168.D	27 Oct 2025 15:01	Tcmx high in 1st column	YP\AJ	Ok
22	Q3451-05	TP-12	PQ071169.D	27 Oct 2025 15:16		YP\AJ	Ok
23	Q3451-05MS	TP-12MS	PQ071170.D	27 Oct 2025 15:31	Tcmx high in 1st column	YP\AJ	Ok
24	Q3451-05MSD	TP-12MSD	PQ071171.D	27 Oct 2025 15:45	Tcmx high in 1st column	YP\AJ	Ok
25	Q3452-01	JB-1	PQ071172.D	27 Oct 2025 16:00		YP\AJ	Ok
26	Q3460-05	WC-2	PQ071173.D	27 Oct 2025 16:14	TCMX & DCB high in 1st column	YP\AJ	ReRun
27	Q3460-09	WC-3	PQ071174.D	27 Oct 2025 16:29	TCMX & DCB high in 1st column	YP\AJ	ReRun
28	Q3460-13	WC-4	PQ071175.D	27 Oct 2025 16:43	DCB high in 1st column, AR1260 hits	YP\AJ	Ok,M
29	AR1660CCC500	AR1660CCC500	PQ071176.D	27 Oct 2025 17:42		YP\AJ	Ok,M
30	AR1242CCC500	AR1242CCC500	PQ071177.D	27 Oct 2025 18:40		YP\AJ	Ok
31	AR1248CCC500	AR1248CCC500	PQ071178.D	27 Oct 2025 18:55		YP\AJ	Ok
32	AR1254CCC500	AR1254CCC500	PQ071179.D	27 Oct 2025 19:09		YP\AJ	Ok,M
33	I.BLK	I.BLK	PQ071180.D	27 Oct 2025 19:24		YP\AJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137624

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
Q3399-03	COMP-ROLLOFF	15	1.15	10.96	12.11	11.00	89.9	
Q3437-03	SS-15R(2.0-2.5)	1	1.18	10.46	11.64	10.32	87.4	
Q3437-05	SS-26(0-0.5)	2	1.16	10.19	11.35	10.17	88.4	
Q3437-11	SS-27(0-0.5)	3	1.17	10.34	11.51	10.85	93.6	
Q3437-14	SS-25(0-0.5)	4	1.11	10.33	11.44	10.34	89.4	
Q3437-16	SS-23(0-0.5)	5	1.13	10.84	11.97	11.26	93.5	
Q3439-01	TP-9	6	1.18	10.29	11.47	10.55	91.1	
Q3439-02	TP-9-EPH	7	1.19	10.61	11.8	10.87	91.2	
Q3439-03	TP-9-VOC	8	1.18	10.14	11.32	10.41	91.0	
Q3439-05	TP-10	9	1.15	10.60	11.75	10.82	91.2	
Q3439-06	TP-10-EPH	10	1.19	10.17	11.36	10.44	91.0	
Q3439-07	TP-10-VOC	11	1.18	10.31	11.49	10.37	89.1	
Q3440-01	JB-2	12	1.13	11.32	12.45	10.38	81.7	
Q3440-02	JB-2-EPH	13	1.17	10.42	11.59	9.79	82.7	
Q3440-03	JB-2-VOC	14	1.13	8.36	9.49	8.14	83.9	
Q3445-01	EO-01-102325	16	1.14	10.46	11.6	10.74	91.8	
Q3445-02	EO-01-102325-E2	17	1.16	10.40	11.56	10.57	90.5	
Q3446-01	SB-14	18	1.11	10.00	11.11	10.82	97.1	
Q3446-02	SB-15	19	1.14	10.54	11.68	11.64	99.6	
Q3446-03	SB-16	20	1.19	10.31	11.5	11.44	99.4	
Q3446-04	SB-17	21	1.19	10.13	11.32	11.27	99.5	
Q3446-05	SB-18	22	1.19	10.53	11.72	11.67	99.5	
Q3446-06	SB-19	23	1.15	10.44	11.59	11.32	97.4	
Q3446-07	SB-20	24	1.16	10.50	11.66	11.6	99.4	
Q3446-08	SB-21	25	1.14	10.08	11.22	10.9	96.8	
Q3447-01	P001-TW1-251023-01	26	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE
Q3447-03	P001-TW2-251023-01	27	1.19	10.43	11.62	10.75	91.7	
Q3447-05	P001-TW3-251023-01	28	1.18	10.70	11.88	11.64	97.8	

PERCENT SOLID

Supervisor: Iwona
Analyst: jignesh
Date: 10/24/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 10/23/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:15
Out Date: 10/24/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC: LB137624

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
Q3447-07	P001-TW4-251023-01	29	1.00	1.00	2.00	2.00	100.0	TAR SAMPLE

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

WORKLIST(Hardcopy Internal Chain)

VD 13/24

WorkList Name : %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3399-03	COMP-ROLLOFF	Solid	Percent Solids	Cool 4 deg C	ICES02	D41	10/20/2025	Chemtech -SO
Q3437-03	SS-15R(2.0-2.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-05	SS-26(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-11	SS-27(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-14	SS-25(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3437-16	SS-23(0-0.5)	Solid	Percent Solids	Cool 4 deg C	MATR02	D31	10/22/2025	Chemtech -SO
Q3439-01	TP-9	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-02	TP-9-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-03	TP-9-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3439-05	TP-10	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-06	TP-10-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3439-07	TP-10-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/23/2025	Chemtech -SO
Q3440-01	JB-2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-02	JB-2-EPH	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3440-03	JB-2-VOC	Solid	Percent Solids	Cool 4 deg C	PSEG03	D41	10/22/2025	Chemtech -SO
Q3445-01	EO-01-102325	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3445-02	EO-01-102325-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D31	10/23/2025	Chemtech -SO
Q3446-01	SB-14	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-02	SB-15	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-03	SB-16	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-04	SB-17	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO

Date/Time 10/23/25 15:00

Raw Sample Received by: [illegible] (WC)

Raw Sample Relinquished by: [illegible] (SM)

Date/Time 10/23/25 17:30

Raw Sample Received by: [illegible] (SM)

Raw Sample Relinquished by: [illegible] WC

WORKLIST(Hardcopy Internal Chain)

WB137624

WorkList Name : %1-102325 **WorkList ID :** 192629 **Department :** Wet-Chemistry **Date :** 10-23-2025 08:26:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3446-05	SB-18	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-06	SB-19	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-07	SB-20	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3446-08	SB-21	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	10/23/2025	Chemtech -SO
Q3447-01	P001-TW1-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-03	P001-TW2-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-05	P001-TW3-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO
Q3447-07	P001-TW4-251023-01	Solid	Percent Solids	Cool 4 deg C	ROYF02	D41	10/23/2025	Chemtech -SO

Date/Time 10/23/25 1510

Raw Sample Received by: JA CWC

Raw Sample Relinquished by: CPCSM

Date/Time 10/23/25 1730

Raw Sample Received by: CPCSM

Raw Sample Relinquished by: JA CWC

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PB170236

SOP ID:	M3541-ASE Extraction-15				
Clean Up SOP #:	Acid Cleanup			**Extraction Start Date :**	10/24/2025
Matrix :	Solid			**Extraction Start Time :**	12:05
Weigh By:	EH	**Extraction By:**	RJ	**Extraction End Date :**	10/24/2025
Balance check:	EH	**Filter By:**	RJ	**Extraction End Time :**	15:25
Balance ID:	EX-SC-2	**pH Meter ID:**	N/A	**Concentration By:**	EH
pH Strip Lot#:	N/A	**Hood ID:**	3,7	**Supervisor By :**	RUPESH

Extraction Method: ☐ 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	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2643
Baked Na2SO4	N/A	EP2652
Sand	N/A	E3951
Hexane	N/A	E3978
H2SO4 1:1	N/A	EP2610
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. Q3447-07 used Limited volume as sample is tar matrix.

KD Bath ID:	N/A	**Envap ID:**	N-EVAP-02
KD Bath Temperature:	N/A	**Envap Temperature:**	40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
10/24/25	RS (Ext-lab)	
15:30	**Preparation Group**	**Analysis Group**

Alliance TECHNICAL GROUP

EXTRACTION LOGPAGE

PrepBatch ID : PB170236

Analytical Method: M3541-ASE Extraction-15 **Concentration Date:** 10/24/2025

Sample ID	Client Sample ID	Test	g/mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB170236BL	ABLK236	PCB	30.02	N/A	ritesh	Evelyn	10			U1-1
PB170236BS	ALCS236	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q3427-01	TP-8	PCB	30.06	N/A	ritesh	Evelyn	10	E	Oily Mat.	3
Q3447-01	P001-TW1-251023-01	PCB	30.07	N/A	ritesh	Evelyn	10	E	Oily Mat.	4
Q3447-03	P001-TW2-251023-01	PCB	30.04	N/A	ritesh	Evelyn	10	E	Tar Mat.	5
Q3447-05	P001-TW3-251023-01	PCB	30.09	N/A	ritesh	Evelyn	10	E	Tar Mat.	6
Q3447-07	P001-TW4-251023-01	PCB	10.05	N/A	ritesh	Evelyn	10	E		U2-1
Q3449-01	CF-620-COMP-41	PCB	30.02	N/A	ritesh	Evelyn	10	E		2
Q3450-01	SS-5R-(2.0-2.5)	PCB	30.03	N/A	ritesh	Evelyn	10			3
Q3450-02	SS-5R-(3.5-4.0)	PCB	30.08	N/A	ritesh	Evelyn	10			4
Q3450-02MS	SS-5R-(3.5-4.0)MS	PCB	30.06	N/A	ritesh	Evelyn	10			5
Q3450-02MSD	SS-5R-(3.5-4.0)MSD	PCB	30.04	N/A	ritesh	Evelyn	10			6
Q3450-08	SS-20-(0.0-0.5)	PCB	30.01	N/A	ritesh	Evelyn	10			U3-1
Q3450-09	SS-20-(2.0-2.5)	PCB	30.09	N/A	ritesh	Evelyn	10			2
Q3450-10	SS-20-(3.5-4.0)	PCB	30.07	N/A	ritesh	Evelyn	10			3
Q3450-11	SS-28-(2.0-2.5)	PCB	30.02	N/A	ritesh	Evelyn	10			4
Q3450-20	SS-21-(0.0-0.5)	PCB	30.05	N/A	ritesh	Evelyn	10			5
Q3450-21	SS-21-(2.0-2.5)	PCB	30.08	N/A	ritesh	Evelyn	10			6
Q3450-22	SS-21-(3.5-4.0)	PCB	30.04	N/A	ritesh	Evelyn	10			U6-1

RS 10/24

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

1702 30
10:45

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q3450 **WorkList ID :** 192676 **Department :** Extraction **Date :** 10-24-2025 10:40:05

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q3427-01	TP-8	Solid	PCB	Cool 4 deg C	PSEG03	D41	10/21/2025	8082A
Q3447-01	P001-TW1-251023-01	Solid	PCB	Cool 4 deg C	ROYF02	D41	10/23/2025	8082A
Q3447-03	P001-TW2-251023-01	Solid	PCB	Cool 4 deg C	ROYF02	D41	10/23/2025	8082A
Q3447-05	P001-TW3-251023-01	Solid	PCB	Cool 4 deg C	ROYF02	D41	10/23/2025	8082A
Q3447-07	P001-TW4-251023-01	Solid	PCB	Cool 4 deg C	ROYF02	D41	10/23/2025	8082A
Q3449-01	CF-620-COMP-41	Solid	PCB	Cool 4 deg C	PSEG03	D21	10/23/2025	8082A
Q3450-01	SS-5R-(2.0-2.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-02	SS-5R-(3.5-4.0)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-08	SS-20-(0.0-0.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-09	SS-20-(2.0-2.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-10	SS-20-(3.5-4.0)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-11	SS-28-(2.0-2.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-20	SS-21-(0.0-0.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-21	SS-21-(2.0-2.5)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A
Q3450-22	SS-21-(3.5-4.0)	Solid	PCB	Cool 4 deg C	MATR02	D41	10/23/2025	8082A

Date/Time 10/24/25 10:40
Raw Sample Received by: RJ (Ext-lab)
Raw Sample Relinquished by:

Date/Time 10/24/25 11:10
Raw Sample Received by:
Raw Sample Relinquished by: RJ (Ext-lab)

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

Prep Standard - Chemical Standard Summary

Order ID : Q3447

Test : PCB

Prepbatch ID : PB170236,

Sequence ID/Qc Batch ID: PP102725,PP102825,PQ102725,

Standard ID :

EP2610,EP2643,EP2652,PP24329,PP24330,PP24381,PP24663,PP24805,PP24806,PP24807,PP24808,PP24809,PP24810,PP24811,PP24812,PP24814,PP24815,PP24816,PP24817,PP24818,PP24819,PP24820,PP24821,PP24822,PP24823,PP24824,PP24825,PP24826,PP24827,PP24828,PP24829,PP24830,PP24831,PP24832,PP24833,PP24834,PP24835,PP24836,PP24837,PP24838,PP24839,PP24840,PP24841,PP24842,PP24843,PP24844,PP24845,PP24846,PP24847,PP24848,PP24849,PP24850,PP24851,PP24852,PP24853,PP24854,PP24855,PP24856,PP24857,PP24858,PP24859,PP24860,PP24861,PP24862,PP24930,

Chemical ID :

E3804,E3875,E3944,E3951,E3962,E3963,E3971,E3972,E3978,M6157,P 11522,P11592,P12700,P12703,P12952,P12953,P12957,P13356,P13373,P13375,P13590,P13592,P13695,P13697,P13706,P13786,P13789,P13833,P13879,P13881,P13885,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	EP2610	05/07/2025	11/07/2025	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 05/07/2025

FROM 1000.00000ml of M6157 + 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	EP2643	09/16/2025	03/16/2026	Evelyn Huang	None	None	Riteshkumar Patel 09/16/2025

FROM 4000.00000ml of E3971 + 4000.00000ml of E3972 = Final Quantity: 8000.000 ml

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
3923	Baked Sodium Sulfate	EP2652	10/10/2025	01/28/2026	Evelyn Huang	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 10/10/2025

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

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

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

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

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	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel 07/21/2025

FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

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

Pest/Pcb STANDARD PREPARATION LOG

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

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	01/28/2026	07/28/2025 / RUPESH	01/29/2025 / Rajesh	E3875

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	06/20/2025 / RUPESH	05/14/2025 / RUPESH	E3944

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-3382-05 / Sand, Purified (cs/4x2.5kg)	25A2756718	12/31/2028	07/09/2025 / RUPESH	04/28/2020 / RUPESH	E3951

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	08/05/2025 / RUPESH	07/30/2025 / RUPESH	E3962

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	02/15/2026	08/15/2025 / RUPESH	08/07/2025 / RUPESH	E3963

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362005	04/30/2026	09/15/2025 / Evelyn	09/04/2025 / Riteshkumar	E3971

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H1462005	05/24/2027	09/16/2025 / Evelyn	09/04/2025 / Riteshkumar	E3972

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	25C0362006	04/13/2026	10/13/2025 / RUPESH	10/08/2025 / Riteshkumar	E3978

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	BA-9673-33 / Sulfuric Acid, Instra-Analyzed (cs/6c2.5L)	24i1262013	11/07/2025	05/07/2025 / RUPESH	02/18/2025 / Mohan	M6157

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-382-1 / Aroclor 1268	0006587800	09/18/2025	03/18/2025 / yogesh	02/21/2022 / Ankita	P11522

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0175403	02/18/2026	08/18/2025 / yogesh	03/18/2022 / Abdul	P11592

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	91867 / Aroclor 1232 100 ug/mL	020823	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12700

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards,Inc	x9166 / Aroclor 1262 100 ug/mL	060523	02/18/2026	08/18/2025 / yogesh	08/07/2023 / Ankita	P12703

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	02/18/2026	08/18/2025 / yogesh	12/20/2023 / Yogesh	P12952

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	03/18/2026	09/18/2025 / Abdul	12/20/2023 / Yogesh	P12953

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Arochlor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0207511	02/18/2026	08/18/2025 / yogesh	05/03/2024 / Abdul	P13375

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13590

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	02/18/2026	08/18/2025 / yogesh	10/14/2024 / Ankita	P13592

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32010 / PCB Mix, Aroclor 1248, 1000ug/mL, Hexane, 1mL/ampul	A0214733	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13695

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32009 / PCB Mix, Aroclor 1242, 1000ug/mL, Hexane, 1mL/ampul	A0210232	02/18/2026	08/18/2025 / yogesh	10/17/2024 / yogesh	P13706

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	12/24/2025	06/24/2025 / Abdul	11/19/2024 / Ankita	P13786

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0214495	02/18/2026	08/18/2025 / yogesh	11/19/2024 / Ankita	P13789

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	a0217391	02/18/2026	08/18/2025 / yogesh	12/09/2024 / Ankita	P13833

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32008 / PCB Mix, Aroclor 1232, 1000ug/mL, Hexane, 1mL/ampul	A0219655	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13879

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32409 / PCB Stock Solution, Aroclor 1262 Std, 1mL, Hexane	A0217041	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13881

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

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32410 / PCB Stock Solution, Aroclor 1268 Std, 1mL, Hexane	A0217264	02/18/2026	08/18/2025 / yogesh	01/23/2025 / Ankita	P13885

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	DIW / DI Water	Daily Lab-Certified	07/03/2029	07/03/2024 / 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

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

E3944

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

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

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

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

E3971

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

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

Avantor Performance Materials LLC

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

avantor™ | J.T.Baker

Material No.: 9262-03
Batch No.: 25C0362006
Manufactured Date: 2025-01-29
Expiration Date:2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol)Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	<= 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	<= 5	4
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	0.2 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

E 3978

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

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

M615 MB

avantor | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013
Manufactured Date: 2024-08-07
Retest Date:2029-08-06
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS - Assay (H_2SO_4)	95.0 - 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS - Color (APHA)	<= 10	5
ACS - Residue after Ignition	<= 3 ppm	<1 ppm
ACS - Substances Reducing Permanganate(as 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 & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities - Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities - Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities - Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities - Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities - Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities - Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities - Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities - Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities - Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities - Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities - Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities - Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities - Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities - Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities - Silver (Ag)	<= 1.0 ppb	<1.0 ppb

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

avantor™ | J.T.Baker

Material No.: 9673-33
Batch No.: 24I1262013

Test	Specification	Result
Trace Impurities - Sodium (Na)	<= 500.0 ppb	<5.0 ppb
Trace Impurities - Strontium (Sr)	<= 5.0 ppb	<1.0 ppb
Trace Impurities - Tin (Sn)	<= 5.0 ppb	1.1 ppb
Trace Impurities - Zinc (Zn)	<= 5.0 ppb	<1.0 ppb

For Laboratory,Research,or Manufacturing Use

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

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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

250 Smith Street North Kingstown, Rhode Island 02852 www.agilent.com/quality

RESTEK®
110 Benner Circle
Bellefonte, PA 16823-8812
Tel: (800)356-1688
Fax: (814)353-1309

www.restek.com

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)

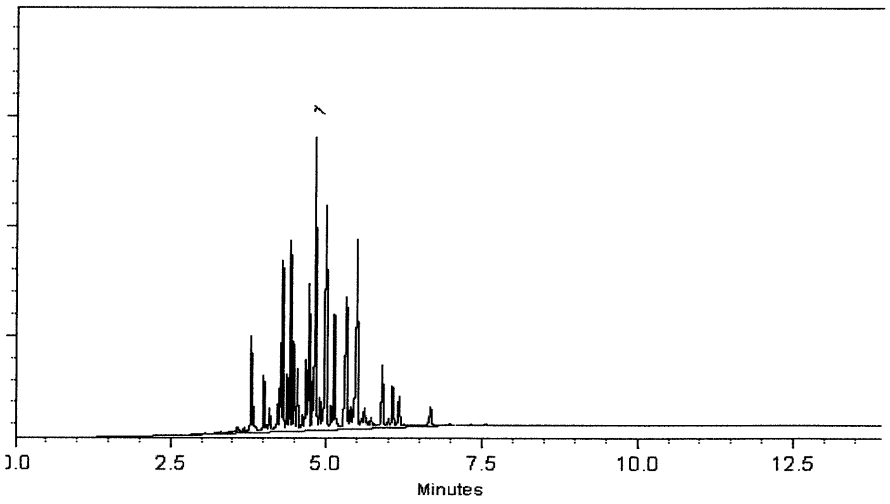
Carrier Gas:
helium-constant pressure 20 psi.

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

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Refere

CERTIFIED WEIGHT REPORT

Part Number:	91867
Lot Number:	020823
Description:	WP 037 - Aroclor 1232 PCB Technical Mixture
Expiration Date:	020833
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	100
NIST Test ID#:	6UTB

Solvent(
Aceton

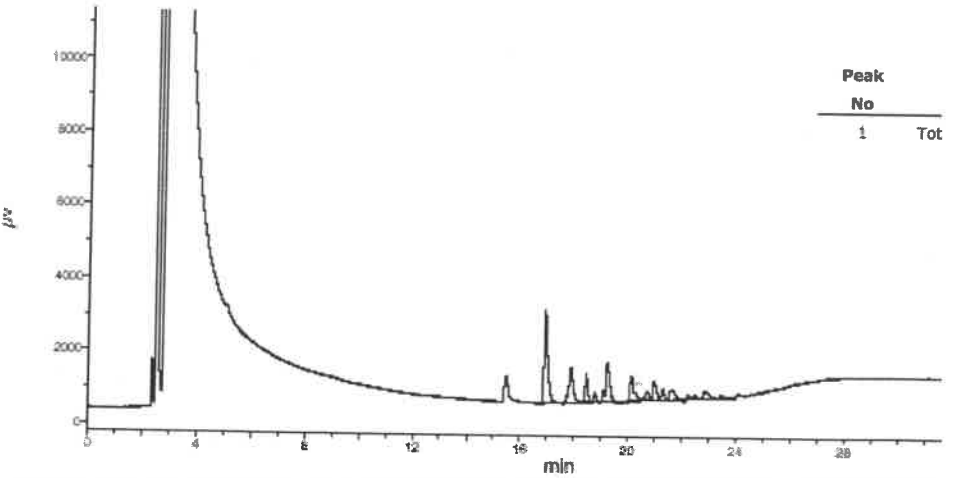
Weight(s) shown below were combined and diluted to (mL): 100.0

5E-05 Balance Uncertainty
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc (µg/mL)	Purity (%)	Uncertainty Purity	Target Weight (g
1. Aroclor 1232	17	45-6A	100	100	0.5	0.01000

- The certified value is the concentration calculated from gravimetric and volumetric measurements unless otherwise stated.
- Standards are prepared gravimetrically using balances that are calibrated with weights traceable to NIST (see above).
- Standards are certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measure Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm 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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

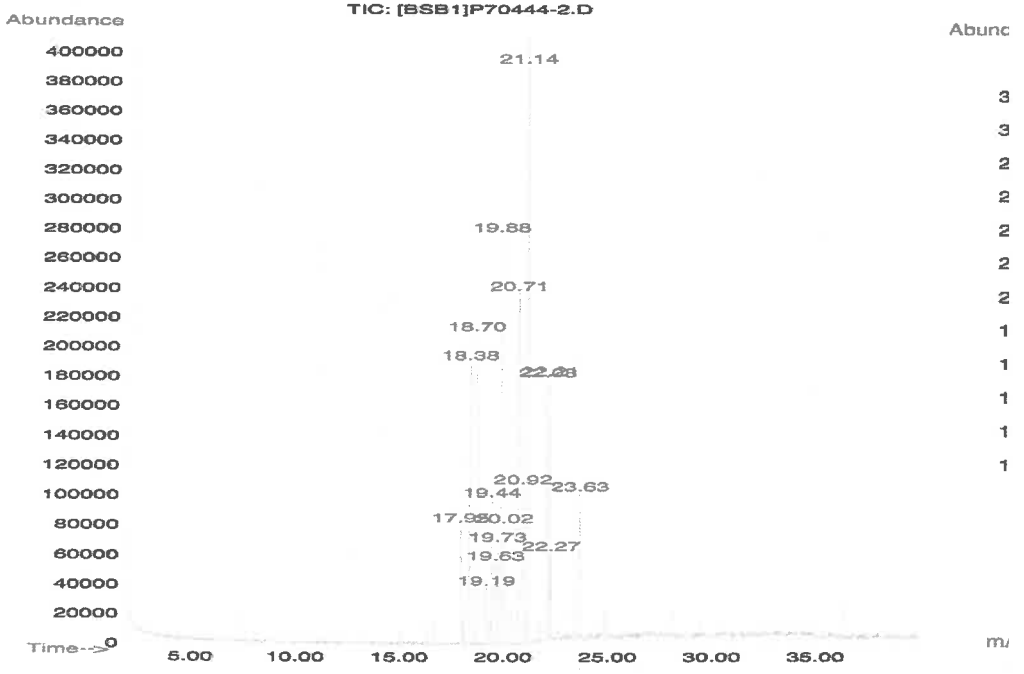
Certified Referen

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).

Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

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

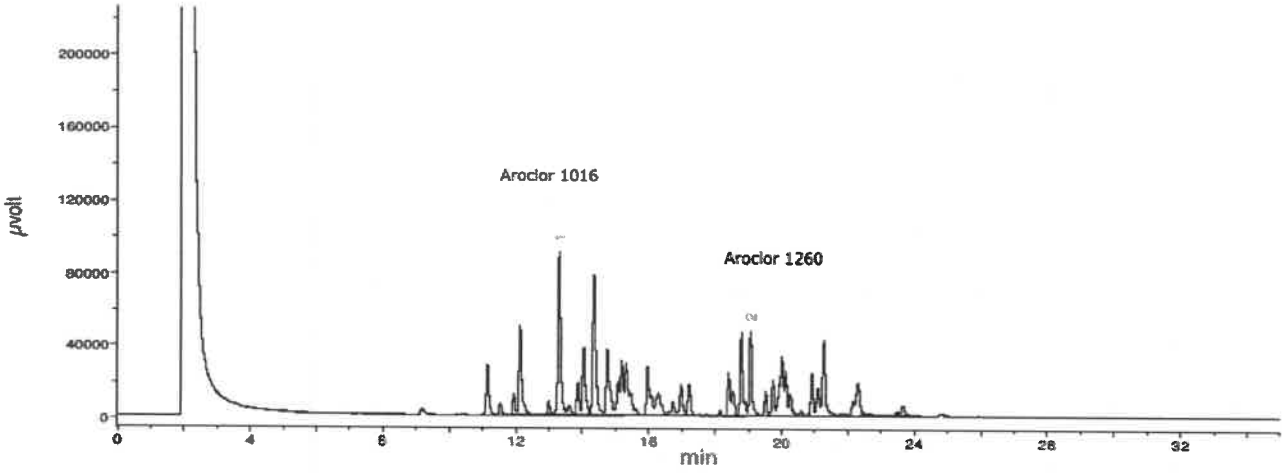
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

CERTIFIED WEIGHT REPORT

Part Number:	20064
Lot Number:	022023
Description:	CLP PCB'S - Aroclor Mix
	Aroclors 1016 & 1260
Expiration Date:	022033
Recommended Storage:	Ambient (20 °C)
Nominal Concentration (µg/mL):	1000
NIST Test ID#:	6UTB

Solvent(s): Hexane **Lot#** 273615

5E-05 Balance Uncertainty

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

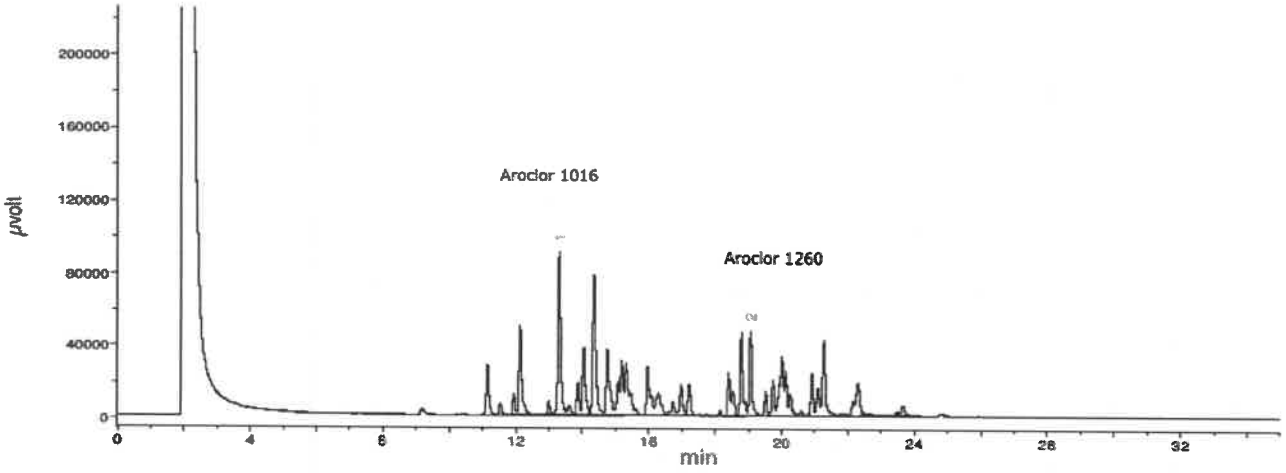
Formulated By:	Benson Chan	022023 DATE
Reviewed By:	Pedro L. Rentas	022023 DATE

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



Absolute Standards, Inc.
800-368-1131
www.absolutestandards.com

Certified Reference Material CRM

ANAB ISO 17034 Accredited
AR-1539 Certificate Number
https://Absolutestandards.com

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

Note: Aroclor 1254 is a mix of isomers.

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

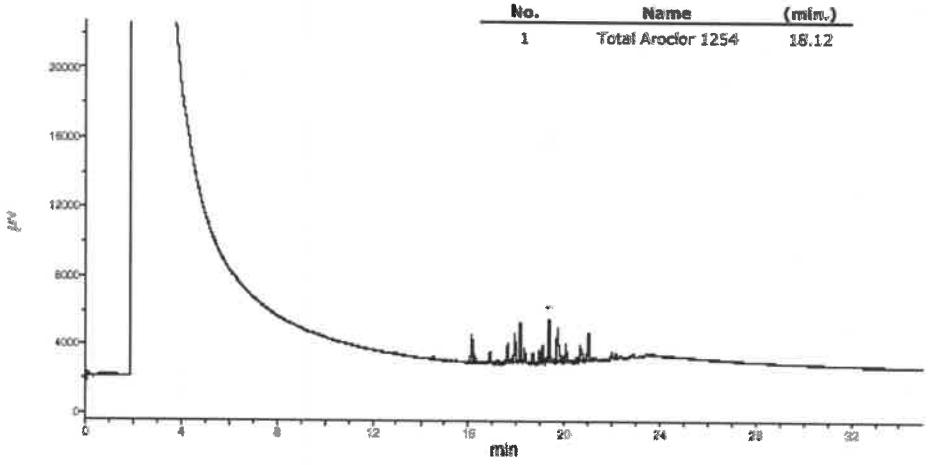
P12956 & P12957 Y.P. 12/20/23

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



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.

P13348 → P13357 (10)

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

04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

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

Carrier Gas:
hellum-constant pressure 20 psi.

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

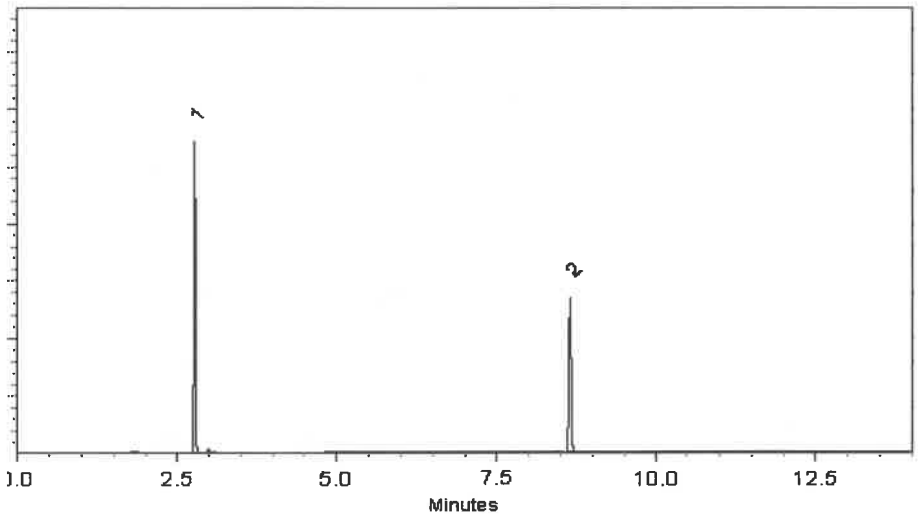
Inj. Temp:
250°C

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

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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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. : 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.)

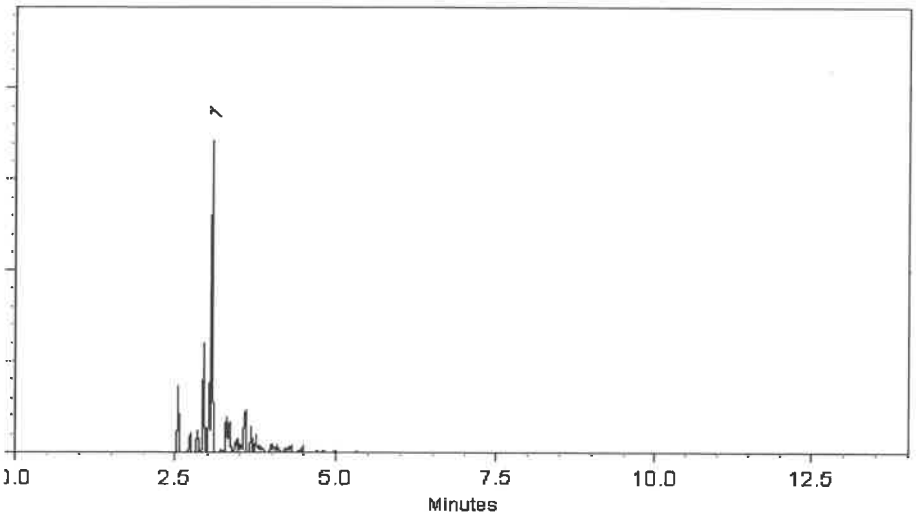
Inj. Temp:
250°C

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

Agilent

Trusted Answers

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

ANAB
ANSI National Accreditation Board
ACCREDITED
REFERENCE MATERIAL PRODUCER

ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015 Quality Management System. Cert# 951215321

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

ISO 17025

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. : 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.)

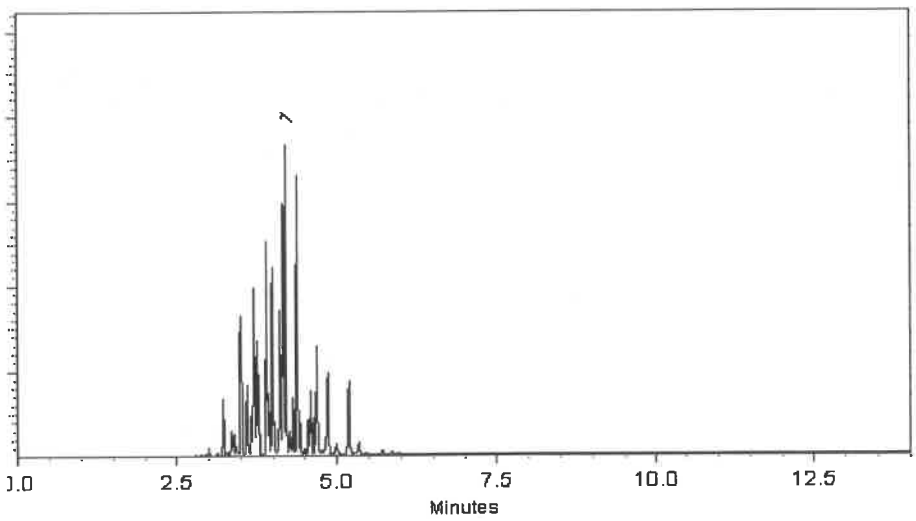
Inj. Temp:
250°C

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.

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

ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

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. : 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.)

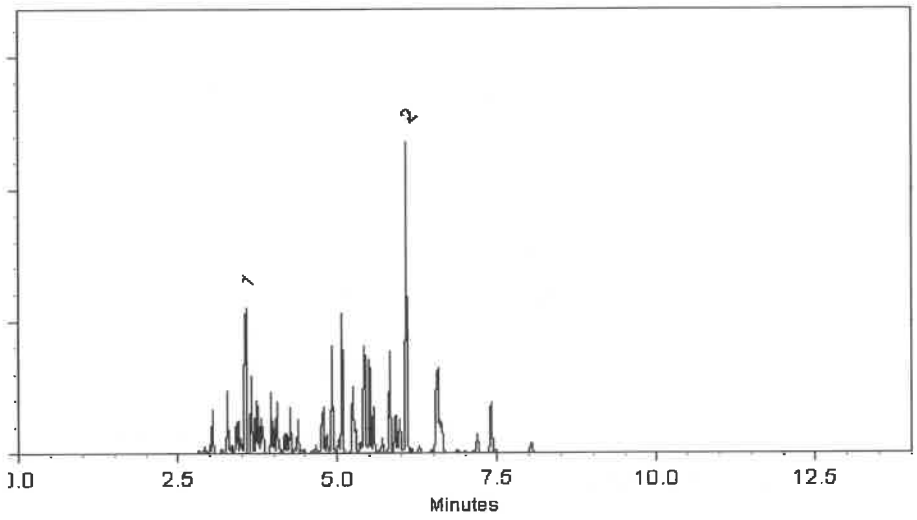
Inj. Temp:
250°C

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.

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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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. : 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.)

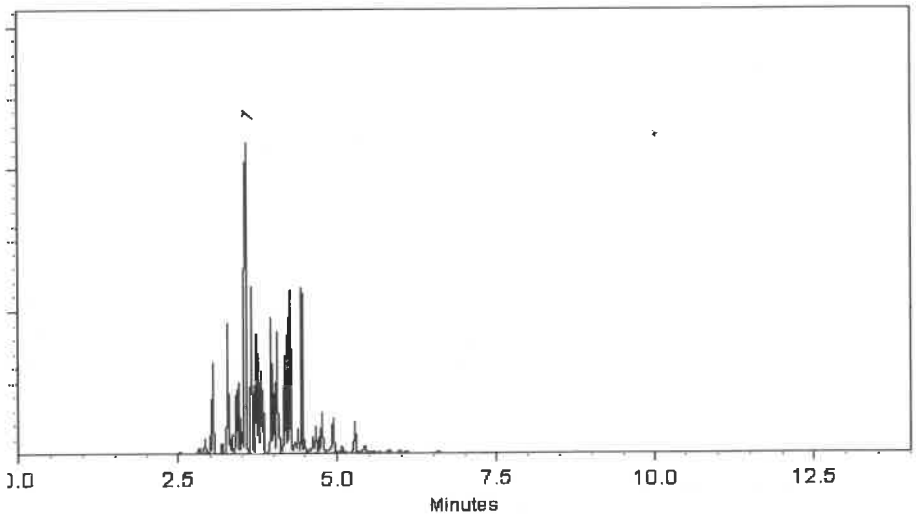
Inj. Temp:
250°C

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.

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. : 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.)

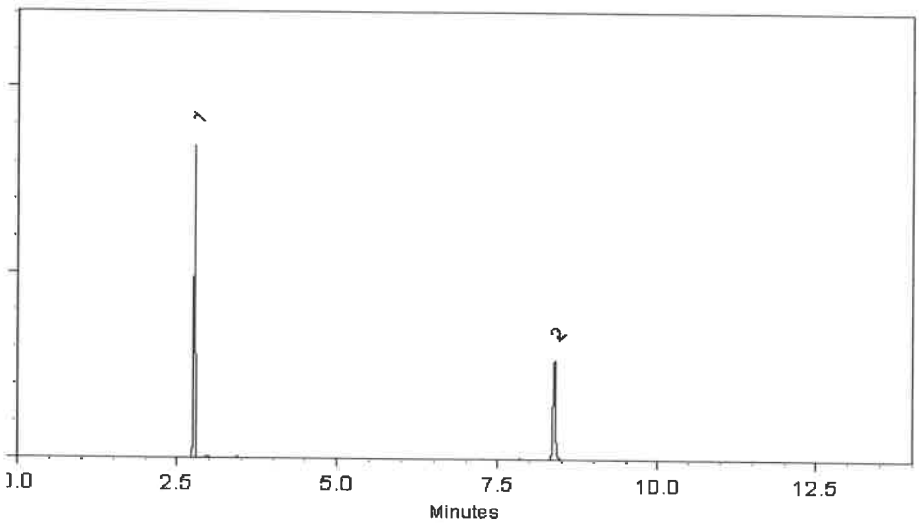
Inj. Temp:
250°C

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

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. : 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.)

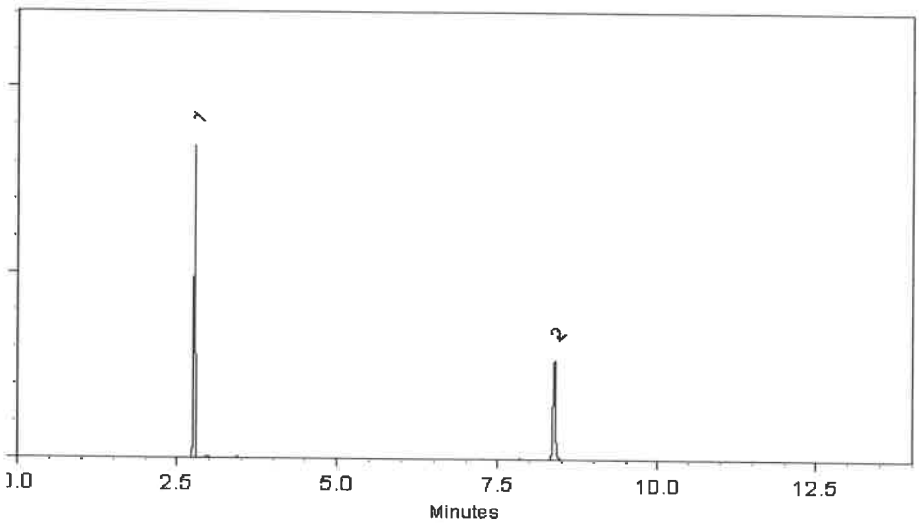
Inj. Temp:
250°C

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

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

ilac-MRA A2LA ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

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.)

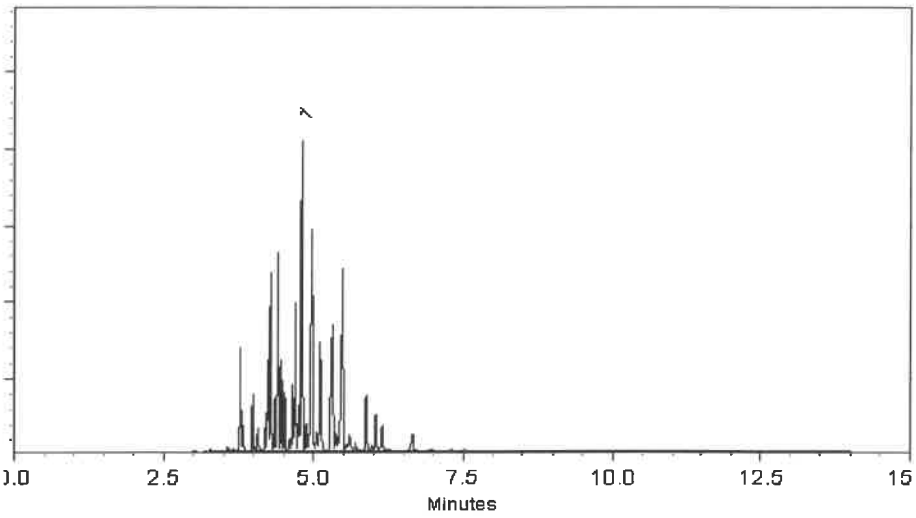
Inj. Temp:
250°C

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.)

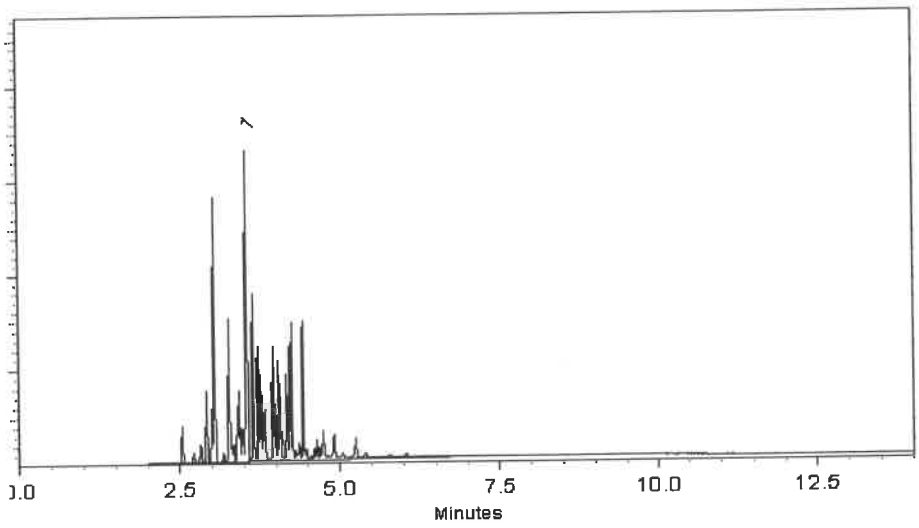
Inj. Temp:
250°C

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
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. : 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.)

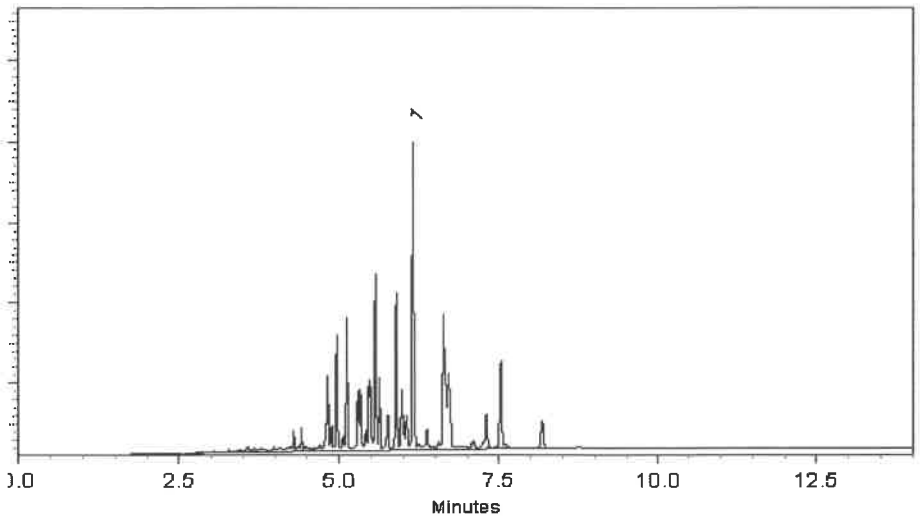
Inj. Temp:
250°C

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.)

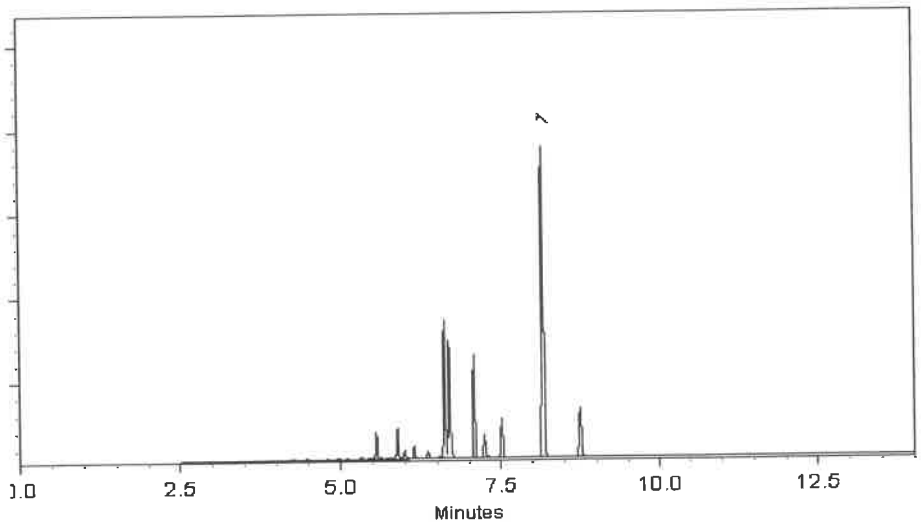
Inj. Temp:
250°C

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

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW1-251023-01	Waste		A	TAL VOCs		10/23/2025	10:00	4	5 gram Encore/4 oz glass	4 C	N
	P001-TW1-251023-01	Waste		B	TAL SVOCs		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		C	TAL PCBs		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		D	TAL Pesticides		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		F	TCLP VOC		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	10:00	1	8 oz glass	4 C	N
	P001-TW1-251023-01	Waste		J	TCLP Herbicide		10/23/2025	10:00	1	8 oz glass	4 C	N

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuzmitskene	10/23/25 1330		10/23/25 1330	Ice Chest # 1 2.1 °C

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW2-251023-01	Waste		A	TAL VOCs		10/23/2025	10:30	4	5 gram Encore/4 oz glass	4 C	N
	P001-TW2-251023-01	Waste		B	TAL SVOCs		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		C	TAL PCBs		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		D	TAL Pesticides		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		F	TCLP VOC		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	10:30	1	8 oz glass	4 C	N
	P001-TW2-251023-01	Waste		J	TCLP Herbicide		10/23/2025	10:30	1	8 oz glass	4 C	N

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuzmitskaya	10/23/25 1330		10/23/25 13:30	If Cooler #1 2.1 °C

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW3-251023-01	Waste		A	TAL VOCs		10/23/2025	11:00	1	4 oz glass w/septum	4 C	N
	P001-TW3-251023-01	Waste		B	TAL SVOCs		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		C	TAL PCBs		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		D	TAL Pesticides		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		F	TCLP VOC		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW3-251023-01	Waste		J	TCLP Herbicide		10/23/2025	11:00	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		A	TAL VOCs		10/23/2025	11:30	1	4 oz glass w/septum	4 C	N

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuzmitskaya	10/23/25 1330		10/23/25 1330	Ice Chest 2.1 °C

Q3447

USEPA

DateShipped: 10/23/2025

CarrierName: Hand Deliver

AirbillNo: N/A

CHAIN OF CUSTODY RECORD

Site #: 02FP

Contact Name Josh Frizzell

(470) 277-4600

No: 2-102325-0004-0037-1

RFP #905

Lab: Alliance Technical Group, LLC - Non CLP

Lab Phone: 908-728-3144

Lab #	Sample #	Location	CLP Sample #	Tag	Analyses	Matrix	Sample Date	Sample Time	Numb Cont	Container	Preservative	Lab QC
	P001-TW4-251023-01	Waste		B	TAL SVOCs		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		C	TAL PCBs		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		D	TAL Pesticides		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		E	TAL Metals + Hg + CN		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		F	TCLP VOC		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		G	TCLP SVOC, TCLP Pesticide		10/23/2025	11:30	1 2 JDF 10-23-25	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		I	TCLP Metals + Hg		10/23/2025	11:30	1	8 oz glass	4 C	N
	P001-TW4-251023-01	Waste		J	TCLP Herbicide		10/23/2025	11:30	1	8 oz glass	4 C	N
			JDF									
					10-23-2025							

Special Instructions: POSSIBLE HIGH CONCENTRATIONS. Please email results to s.sumbaly@westonsolutions.com and josh.frizzell@westonsolutions.com. Associate with RFP# 905. 10 Days TAT. Sample P001-TW4-251023-01 has limited volume and may require warming to remove from the sample jar. Samples too hard for Encore are in 4 oz. septum jars.

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
All Samples All Analyses	Olga Kuzmitskaia	10/23/25 1330		1330 10/23/25	Ice Chest # 12.1°

Precautionary Measures Against Hidden Hazards in Laboratory Samples

Notice to Laboratory Personnel

Background

Under the authority of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA or Superfund) of 1980, as amended, Section 311 of the Clean Water Act (CWA), as amended, by the Oil Pollution Act of 1990, Subtitle I of the Resource Conservation and Recovery Act (RCRA), an pursuant to the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) and Presidential Decision Document (PDD) #39, the Environmental Protection Agency (EPA) has been delegated the responsibility to undertake response actions with respect to, as a general matter, the release or threat of release of oil, petroleum products, hazardous substances, or pollutants and contaminants, that pose an actual or potential threat to human health or welfare, or to the environment. EPA is responsible for conducting evaluations and cleanups of uncontrolled hazardous substance disposal sites and placing those that are considered to pose a significant threat to the public health or the environment on the National Priorities List (NPL).

EPA's successful implementation of these emergency response action responsibilities requires that technical support capabilities be provided in the form of a contracted Superfund Technical Assessment & Response Team (START) for EPA. The WESTON START Contract 68HE0319D0004, provides this support to EPA Region II.

Hazardous Communication

The Samples which accompany this notice were shipped to your laboratory for analysis in accordance with applicable D.O.T. or IATA Regulations and were collected by the WESTON START and tentatively designated by the field response team, as either environmental or hazardous material samples.

In general, *Environmental Samples* are collected from streams, farm ponds, small lakes, wells, and off-site soil locations that are not reasonably expected to be contaminated with hazardous materials. Samples of on-site soils or water, and materials collected from drums, bulk storage tanks, obviously contaminated ponds, impoundments, lagoons, pools, and leachates from hazardous waste sites are considered *Hazardous Samples*. Samples which are obtained from a known radioactive material contamination site or which demonstrate beta or gamma activity greater than three times average background as scanned with a radiation survey meter are considered *Radioactive Samples.*

The samples which accompany this notice were tentatively classified by the field response team as:
_____Environmental __X__Hazardous _____Comb (Envir. & Haz) _____Radioactive

The field team which collected the samples used the following Level(s) of personal protection as designated by EPA and OSHA conventions to provide protection against possible radiological or chemical exposure:

____Level A ____Level B ____Level C __X__Level D

This information is intended for use as a guide for the safe handling of these laboratory samples in accordance with EPA and OSHA regulations. The Sample classification(s) and Levels of personal protection used by the WESTON START are not represented to be, nor are they adequate or applicable in all situations, nor are they intended to serve as substitutes for professional/personal judgement.

Laboratory Name: Alliance *RFP No.* 905

Prepared by: Josh Frizzell *Date* 10-23-2025

WESTON Office: Region II START, Edison, New Jersey; Phone: 732-585-4400

Alliance TECHNICAL GROUP
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

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q3447 ROYF02
Client Name : Weston Solutions, Inc.
Client Contact : Smita Sumbaly
Invoice Name : Weston Solutions, Inc.
Invoice Contact : Smita Sumbaly

Order Date : 10/23/2025 1:50:00 PM
Project Name : RFP 905
Receive DateTime : 10/23/2025 1:30:00 PM
Purchase Order :

Project Mgr :
Report Type : Level 4
EDD Type : EXCEL NOCLEANUP
Hard Copy Date :
Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q3447-01	P001-TW1-251023-01	Solid	10/23/2025	10:00	VOC-TCLVOA-10		8260D		10 Bus. Days
Q3447-03	P001-TW2-251023-01	Solid	10/23/2025	10:30 ~~10:00~~	VOC-TCLVOA-10		8260D		10 Bus. Days
Q3447-05	P001-TW3-251023-01	Solid	10/23/2025	11:00 ~~10:00~~	VOC-TCLVOA-10		8260D		10 Bus. Days
Q3447-07	P001-TW4-251023-01	Solid	10/23/2025	11:30 ~~10:00~~	VOC-TCLVOA-10		8260D		10 Bus. Days

Relinguished By : _____
Date / Time : 10/23/25 1437

Received By : _____
Date / Time : 10/23/25 1437
Storage Area : **VOA Refridgerator Room**