

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : RAYMARK SUPERFUND SITE

NOBIS GROUP

585 Middlesex Street

Lowell, MA - 01851

Phone No: 978-683-0891

ORDER ID : Q2879

ATTENTION : Adam Roy



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q2879

Project ID : Raymark Superfund Site

Client : Nobis Group

Lab Sample Number

Q2879-01
Q2879-02
Q2879-03
Q2879-04
Q2879-05
Q2879-06
Q2879-07
Q2879-08
Q2879-09
Q2879-10
Q2879-11
Q2879-12
Q2879-13
Q2879-14
Q2879-15
Q2879-16
Q2879-17
Q2879-18

Client Sample Number

OU4-TS-GRILLO-TSCP03-081425
OU4-TS-GRILLO-TSCP03-081425
OU4-TS-GRILLO-TSCP04-081425
OU4-TS-GRILLO-TSCP04-081425
OU4-TS-GRILLO-TSCP05-081425
OU4-TS-GRILLO-TSCP05-081425
OU4-TS-GRILLO-TSCP06-081425
OU4-TS-GRILLO-TSCP06-081425
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OU4-TS-GRILLO-TSCP09-081425
OU4-TS-GRILLO-TSCP09-081425
OU4-TS-GRILLO-TSCP10-081425
OU4-TS-GRILLO-TSCP10-081425
OU4-TS-GRILLO-TSCP11-081425
OU4-TS-GRILLO-TSCP11-081425

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 :

APPROVED

By *Nimisha Pandya, QA/QC Supervisor at 1:41 pm, Aug 28, 2025*

Date: 8/26/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

Nobis Group

Project Name: Raymark Superfund Site

Project # N/A

Order ID # Q2879

Test Name: PCB

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 08/15/2025.

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_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.

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.

The RPD were met for all analysis.

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 PP074439.D met the requirements except for Tetrachloro-m-xylene is failing in 2nd column but passing in 1st column therefore no corrective action taken.

The Continuous Calibration File ID PP074453.D met the requirements except for Tetrachloro-m-xylene is failing in 2nd column but passing in 1st column therefore no corrective action taken.



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Phone: 908 789 8900 Fax: 908 789 8922

E. Additional Comments:

The not QT review data is reported in the Miscellaneous.

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

F. 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 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 _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:41 pm, Aug 28, 2025

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “ Results Qualifiers” are used:

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



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY

ORDER ID: Q2879

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 PP074439.D met the requirements except for Tetrachloro-m-xylene is failing in 2nd column but passing in 1st column therefore no corrective action taken.			
The Continuous Calibration File ID PP074453.D met the requirements except for Tetrachloro-m-xylene is failing in 2nd column but 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.			
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 were met for all analysis.			
7. Retention Time Shift Meet Criteria (if applicable)			✓
Comments:			



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GC ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY (CONTINUED)

		NA	NO	YES
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:

The not QT review data is reported in the Miscellaneous.

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

QA REVIEW

REVIEWED

Sohil Jodhani, QA/QC Director , 8/28/2025, 12:10:50 PM

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q2879

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: 08/26/2025

LAB CHRONICLE

OrderID:	Q2879	OrderDate:	8/15/2025 9:15:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	J23,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2879-01	OU4-TS-GRILLO-TSCP 03-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-03	OU4-TS-GRILLO-TSCP 04-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-05	OU4-TS-GRILLO-TSCP 05-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-07	OU4-TS-GRILLO-TSCP 06-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-09	OU4-TS-GRILLO-TSCP 07-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-11	OU4-TS-GRILLO-TSCP 08-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-13	OU4-TS-GRILLO-TSCP 09-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-15	OU4-TS-GRILLO-TSCP 10-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	
Q2879-17	OU4-TS-GRILLO-TSCP 11-081425	SOIL			08/14/25			08/15/25
			PCB	8082A		08/18/25	08/18/25	

Hit Summary Sheet
SW-846

SDG No.: Q2879

Order ID: Q2879

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units

Client ID :

Total Concentration: 0.000



QC SUMMARY

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Surrogate Summary

SDG No.: **Q2879**

Client: **Nobis Group**

Analytical Method: **8082A**

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
I.BLK-PP074167.D	PIBLK-PP074167.D	Tetrachloro-m-xyl	1	20	19.1	95		60	140
		Decachlorobiphen	1	20	19.7	98		60	140
		Tetrachloro-m-xyl	2	20	17.3	86		60	140
		Decachlorobiphen	2	20	18.7	93		60	140
I.BLK-PP074442.D	PIBLK-PP074442.D	Tetrachloro-m-xyl	1	20	22.2	111		60	140
		Decachlorobiphen	1	20	21.4	107		60	140
		Tetrachloro-m-xyl	2	20	20.6	103		60	140
		Decachlorobiphen	2	20	19.3	96		60	140
PB169282BL	PB169282BL	Tetrachloro-m-xyl	1	20	22.9	115		44	130
		Decachlorobiphen	1	20	22.0	110		60	125
		Tetrachloro-m-xyl	2	20	22.0	110		44	130
		Decachlorobiphen	2	20	20.1	101		60	125
PB169282BS	PB169282BS	Tetrachloro-m-xyl	1	20	23.8	119		44	130
		Decachlorobiphen	1	20	21.7	108		60	125
		Tetrachloro-m-xyl	2	20	23.0	115		44	130
		Decachlorobiphen	2	20	20.4	102		60	125
Q2879-01	OU4-TS-GRILLO-TSCP03-0814	Tetrachloro-m-xyl	1	20	23.3	116		44	130
		Decachlorobiphen	1	20	19.8	99		60	125
		Tetrachloro-m-xyl	2	20	20.9	104		44	130
		Decachlorobiphen	2	20	17.2	86		60	125
Q2879-03	OU4-TS-GRILLO-TSCP04-0814	Tetrachloro-m-xyl	1	20	22.1	111		44	130
		Decachlorobiphen	1	20	16.7	84		60	125
		Tetrachloro-m-xyl	2	20	20.0	100		44	130
		Decachlorobiphen	2	20	14.4	72		60	125
Q2879-05	OU4-TS-GRILLO-TSCP05-0814	Tetrachloro-m-xyl	1	20	22.4	112		44	130
		Decachlorobiphen	1	20	16.4	82		60	125
		Tetrachloro-m-xyl	2	20	19.4	97		44	130
		Decachlorobiphen	2	20	14.6	73		60	125
Q2879-07	OU4-TS-GRILLO-TSCP06-0814	Tetrachloro-m-xyl	1	20	21.6	108		44	130
		Decachlorobiphen	1	20	16.3	81		60	125
		Tetrachloro-m-xyl	2	20	19.3	97		44	130
		Decachlorobiphen	2	20	13.9	70		60	125
I.BLK-PP074456.D	PIBLK-PP074456.D	Tetrachloro-m-xyl	1	20	21.9	110		60	140
		Decachlorobiphen	1	20	20.2	101		60	140
		Tetrachloro-m-xyl	2	20	20.6	103		60	140
		Decachlorobiphen	2	20	18.9	94		60	140
Q2879-09	OU4-TS-GRILLO-TSCP07-0814	Tetrachloro-m-xyl	1	20	21.1	106		44	130
		Decachlorobiphen	1	20	15.9	79		60	125
		Tetrachloro-m-xyl	2	20	18.3	92		44	130
		Decachlorobiphen	2	20	13.9	69		60	125
Q2879-11	OU4-TS-GRILLO-TSCP08-0814	Tetrachloro-m-xyl	1	20	24.1	120		44	130

Surrogate Summary

SDG No.: Q2879

Client: Nobis Group

Analytical Method: 8082A

Lab Sample ID	Client ID	Parameter	Column	Spike	Result	Recovery(%)	Qual	Limits(%)	
								Low	High
Q2879-11	OU4-TS-GRILLO-TSCP08-0814	Decachlorobiphen	1	20	20.8	104		60	125
		Tetrachloro-m-xyl	2	20	23.1	115		44	130
		Decachlorobiphen	2	20	18.9	94		60	125
Q2879-13	OU4-TS-GRILLO-TSCP09-0814	Tetrachloro-m-xyl	1	20	23.1	115		44	130
		Decachlorobiphen	1	20	19.6	98		60	125
		Tetrachloro-m-xyl	2	20	21.4	107		44	130
		Decachlorobiphen	2	20	17.5	88		60	125
Q2879-15	OU4-TS-GRILLO-TSCP10-0814	Tetrachloro-m-xyl	1	20	24.6	123		44	130
		Decachlorobiphen	1	20	20.6	103		60	125
		Tetrachloro-m-xyl	2	20	22.6	113		44	130
		Decachlorobiphen	2	20	17.7	88		60	125
Q2879-17	OU4-TS-GRILLO-TSCP11-0814	Tetrachloro-m-xyl	1	20	22.6	113		44	130
		Decachlorobiphen	1	20	15.3	76		60	125
		Tetrachloro-m-xyl	2	20	20.6	103		44	130
		Decachlorobiphen	2	20	12.3	61		60	125
Q2889-01MS	PL-02-081525-MS	Tetrachloro-m-xyl	1	20	23.5	118		44	130
		Decachlorobiphen	1	20	19.2	96		60	125
		Tetrachloro-m-xyl	2	20	21.1	106		44	130
		Decachlorobiphen	2	20	15.9	80		60	125
Q2889-01MSD	PL-02-081525-MSD	Tetrachloro-m-xyl	1	20	23.4	117		44	130
		Decachlorobiphen	1	20	18.0	90		60	125
		Tetrachloro-m-xyl	2	20	21.2	106		44	130
		Decachlorobiphen	2	20	14.2	71		60	125
I.BLK-PP074470.D	PIBLK-PP074470.D	Tetrachloro-m-xyl	1	20	21.0	105		60	140
		Decachlorobiphen	1	20	18.8	94		60	140
		Tetrachloro-m-xyl	2	20	19.6	98		60	140
		Decachlorobiphen	2	20	16.0	80		60	140

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2879</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Nobis Group</u>	DataFile :	<u>PP074465.D</u>

		Sample					Rec	RPD		Limits		
	Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	Q2889-01MS	Client Sample ID:		PL-02-081525-MS								
	(Column 1)											
	AR1016	178.6	0	196	ug/kg	110				47	134	
	AR1260	178.6	0	166	ug/kg	93				53	140	
Lab Sample ID:	Q2889-01MS	Client Sample ID:		PL-02-081525-MS								
	(Column 2)											
	AR1016	178.6	0	196	ug/kg	110				47	134	
	AR1260	178.6	0	160	ug/kg	90				53	140	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.:	<u>Q2879</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Nobis Group</u>	DataFile :	<u>PP074466.D</u>

	Parameter	Spike	Sample		Units	Rec	Rec	RPD		Limits		
			Qual	RPD			Qual	Low	High	RPD		
Lab Sample ID:	Q2889-01MSD (Column 1)	Client Sample ID:		PL-02-081525-MSD								
	AR1016	178.5	0	194	ug/kg	109		1		47	134	20
	AR1260	178.5	0	158	ug/kg	89		4		53	140	20
Lab Sample ID:	Q2889-01MSD (Column 2)	Client Sample ID:		PL-02-081525-MSD								
	AR1016	178.5	0	184	ug/kg	103		7		47	134	20
	AR1260	178.5	0	152	ug/kg	85		6		53	140	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.:	<u>Q2879</u>	Analytical Method:	<u>8082A</u>
Client:	<u>Nobis Group</u>	Datafile :	<u>PP074447.D</u>

Lab Sample ID	Parameter	Spike	Result	Units	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB169282BS (Column 1)	AR1016	166.6	183	ug/kg	110				47	134	
	AR1260	166.6	168	ug/kg	101				53	140	
PB169282BS (Column 2)	AR1016	166.6	194	ug/kg	116				47	134	
	AR1260	166.6	183	ug/kg	110				53	140	

4C

PESTICIDE METHOD BLANK SUMMARY

Client ID

PB169282BL

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Lab Sample ID: PB169282BL

Lab File ID: PP074446.D

Matrix: (soil/water) Solid

Extraction: (Type) SOXH

Sulfur Cleanup: (Y/N) N

Date Extracted: 08/18/2025

Date Analyzed (1): 08/18/2025

Date Analyzed (2): 08/18/2025

Time Analyzed (1): 12:04

Time Analyzed (2): 12:04

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
PB169282BS	PB169282BS	PP074447.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP03-081425	Q2879-01	PP074449.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP04-081425	Q2879-03	PP074450.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP05-081425	Q2879-05	PP074451.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP06-081425	Q2879-07	PP074452.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP07-081425	Q2879-09	PP074457.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP08-081425	Q2879-11	PP074458.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP09-081425	Q2879-13	PP074459.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP10-081425	Q2879-15	PP074460.D	08/18/2025	08/18/2025
OU4-TS-GRILLO-TSCP11-081425	Q2879-17	PP074461.D	08/18/2025	08/18/2025
PL-02-081525-MS	Q2889-01MS	PP074465.D	08/18/2025	08/18/2025
PL-02-081525-MSD	Q2889-01MSD	PP074466.D	08/18/2025	08/18/2025

COMMENTS: _____



SAMPLE DATA

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Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP03-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074449.D	1	08/18/25 08:05	08/18/25 12:52	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.30	U	4.40	9.30	19.0	ug/kg
11104-28-2	Aroclor-1221	14.6	U	4.50	14.6	19.0	ug/kg
11141-16-5	Aroclor-1232	9.30	U	4.20	9.30	19.0	ug/kg
53469-21-9	Aroclor-1242	9.30	U	4.50	9.30	19.0	ug/kg
12672-29-6	Aroclor-1248	14.6	U	6.60	14.6	19.0	ug/kg
11097-69-1	Aroclor-1254	9.30	U	3.60	9.30	19.0	ug/kg
37324-23-5	Aroclor-1262	14.6	U	5.60	14.6	19.0	ug/kg
11100-14-4	Aroclor-1268	9.30	U	4.00	9.30	19.0	ug/kg
11096-82-5	Aroclor-1260	9.30	U	3.60	9.30	19.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.3		44 - 130		116%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.8		60 - 125		99%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:52
Operator : YP\AJ
Sample : Q2879-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP03-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:00:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.657	3.801	26004277	79998193	23.253	20.863
2) SA Decachlor...	10.435	8.816	19205658	103.4E6	19.776	17.193

Target Compounds

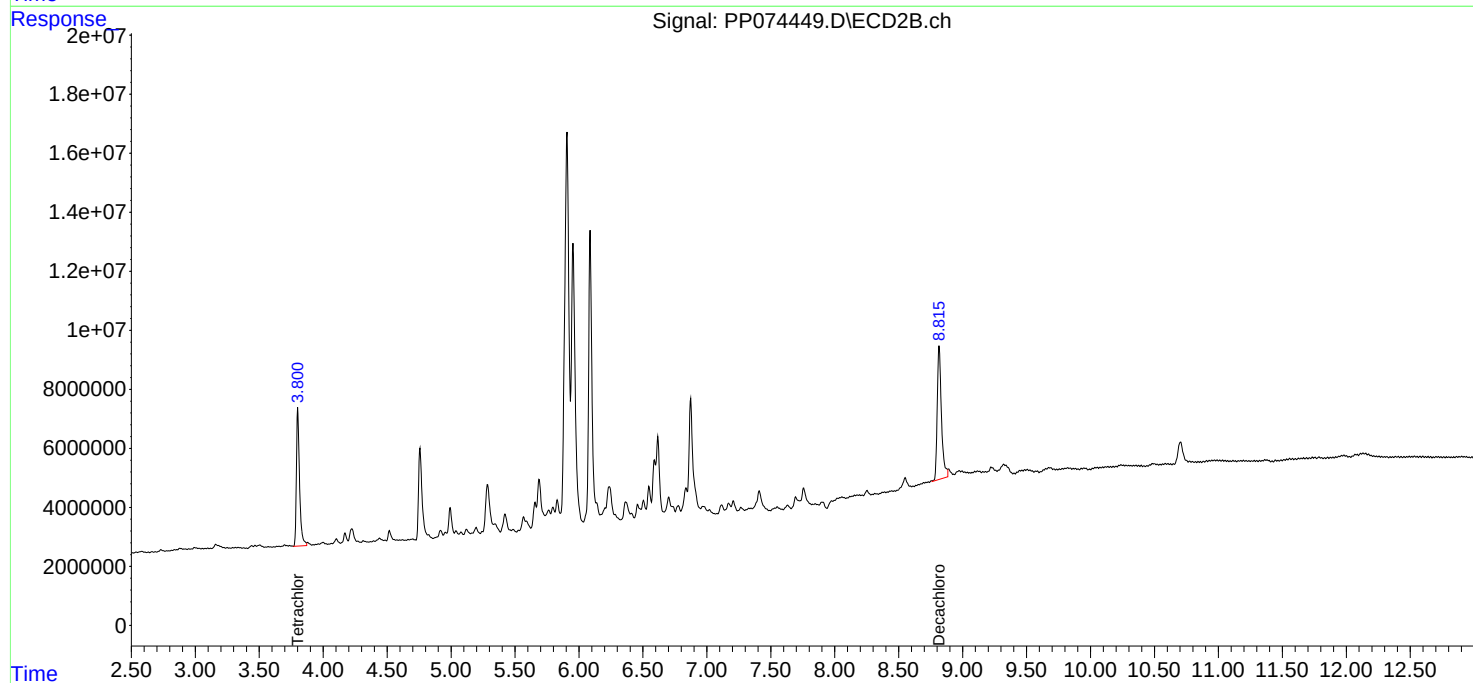
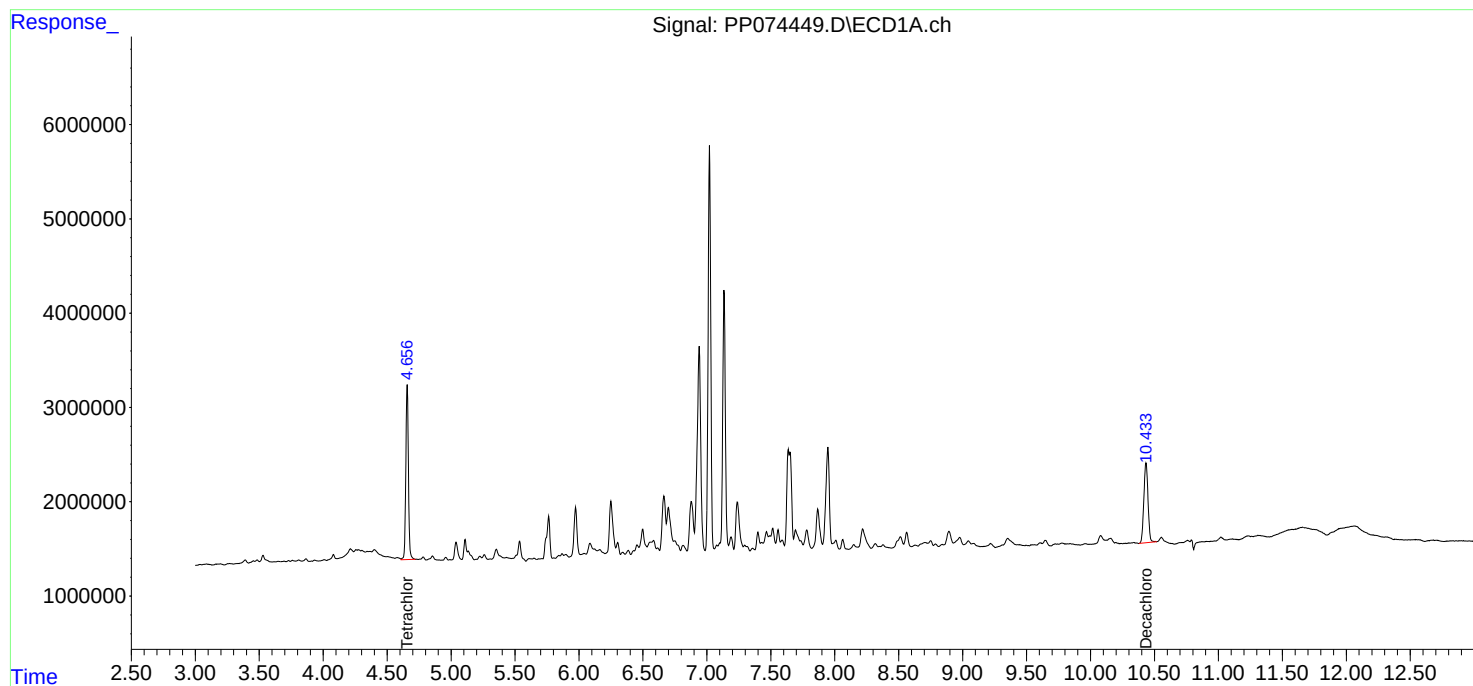
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074449.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:52
Operator : YP\AJ
Sample : Q2879-01
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP03-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:00:22 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074449.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 26004277
Conc: 23.25 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP03-081425

Time

Response_ Signal: PP074449.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 79998193
Conc: 20.86 ng/ml

Time

Response_ Signal: PP074449.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 19205658
Conc: 19.78 ng/ml

Time

Response_ Signal: PP074449.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.816 min
Delta R.T.: -0.010 min
Response: 103392867
Conc: 17.19 ng/ml

Time

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP04-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	87.1
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074450.D	1	08/18/25 08:05	08/18/25 13:09	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.50	U	4.50	9.50	19.5	ug/kg
11104-28-2	Aroclor-1221	14.9	U	4.60	14.9	19.5	ug/kg
11141-16-5	Aroclor-1232	9.50	U	4.30	9.50	19.5	ug/kg
53469-21-9	Aroclor-1242	9.50	U	4.60	9.50	19.5	ug/kg
12672-29-6	Aroclor-1248	14.9	U	6.80	14.9	19.5	ug/kg
11097-69-1	Aroclor-1254	9.50	U	3.70	9.50	19.5	ug/kg
37324-23-5	Aroclor-1262	14.9	U	5.70	14.9	19.5	ug/kg
11100-14-4	Aroclor-1268	9.50	U	4.10	9.50	19.5	ug/kg
11096-82-5	Aroclor-1260	9.50	U	3.70	9.50	19.5	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.1		44 - 130		111%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.7		60 - 125		84%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:09
Operator : YP\AJ
Sample : Q2879-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP04-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:00:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.801	24729840	76540106	22.114	19.961
2) SA Decachlor...	10.432	8.815	16258416	86492627	16.741	14.383

Target Compounds

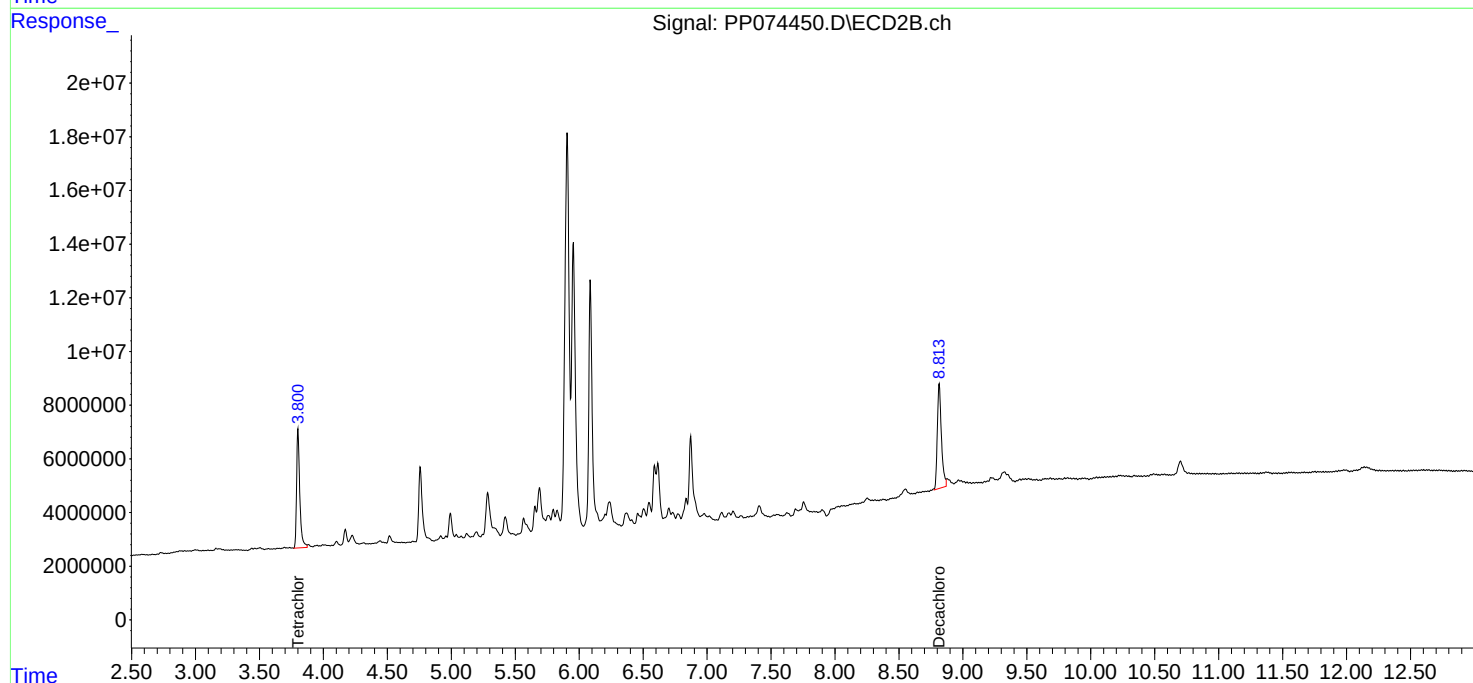
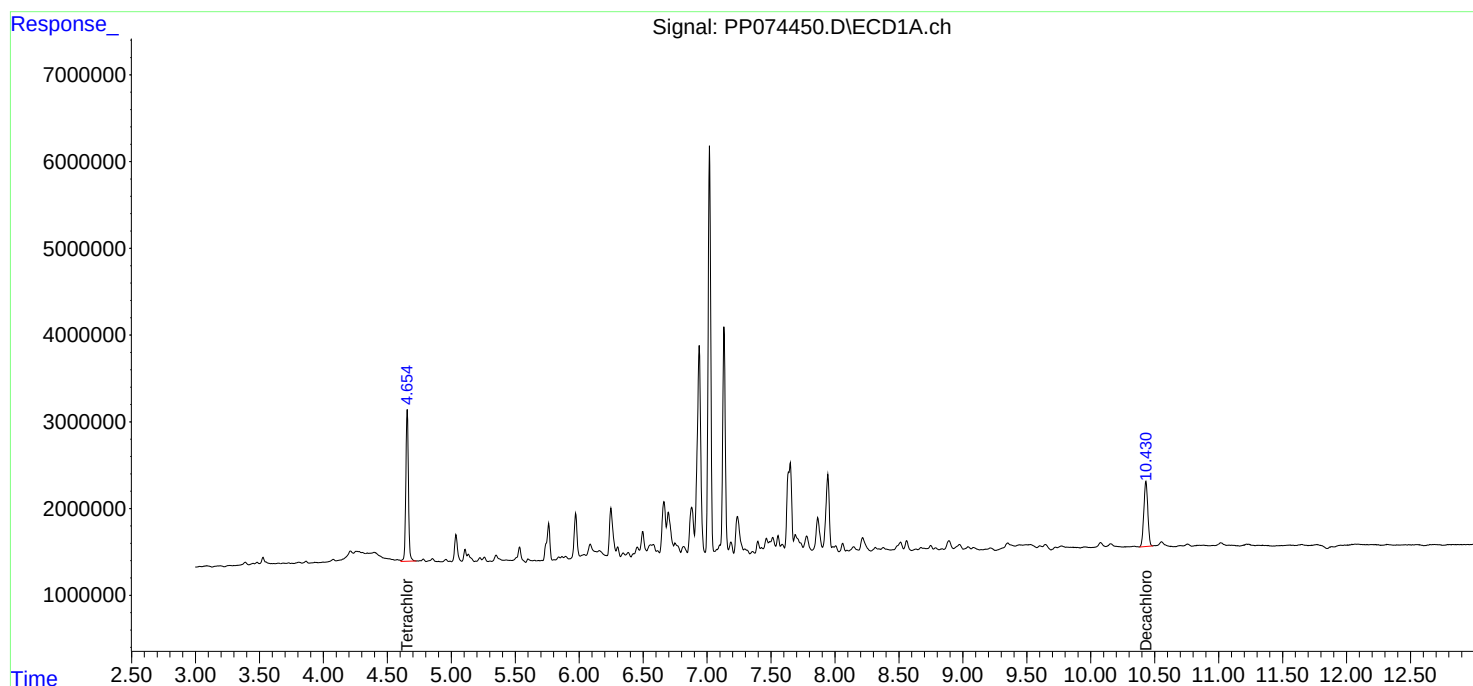
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

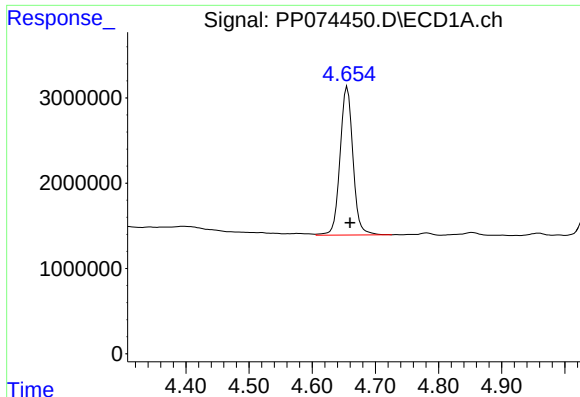
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074450.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:09
Operator : YP\AJ
Sample : Q2879-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP04-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:00:48 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

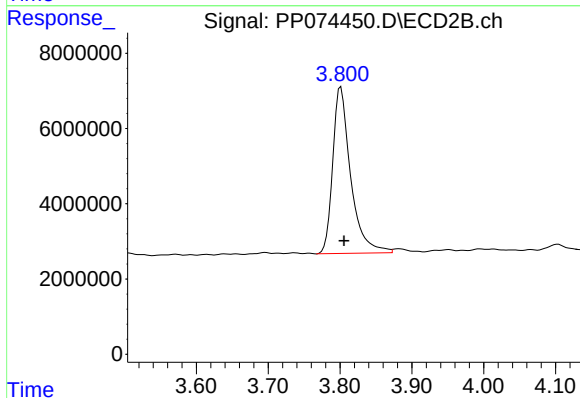




#1 Tetrachloro-m-xylene

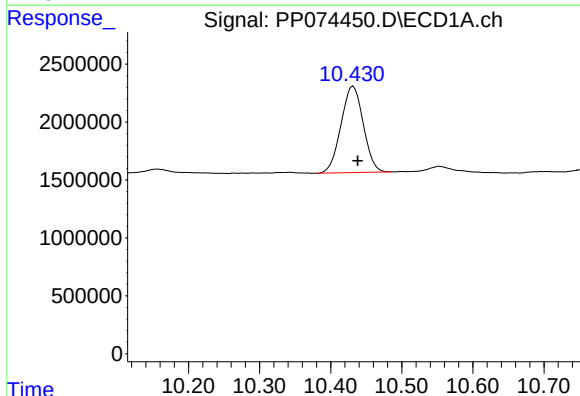
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 24729840
Conc: 22.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP04-081425



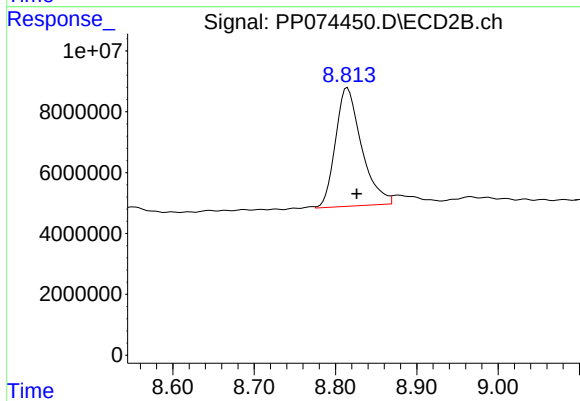
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 76540106
Conc: 19.96 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.006 min
Response: 16258416
Conc: 16.74 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: -0.011 min
Response: 86492627
Conc: 14.38 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP05-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-05	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074451.D	1	08/18/25 08:05	08/18/25 13:25	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	4.20	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	4.30	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	8.90	U	4.00	8.90	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	4.30	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	6.30	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	8.90	U	3.40	8.90	18.2	ug/kg
37324-23-5	Aroclor-1262	13.9	U	5.40	13.9	18.2	ug/kg
11100-14-4	Aroclor-1268	8.90	U	3.90	8.90	18.2	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.50	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.4		44 - 130		112%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		60 - 125		82%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:25
Operator : YP\AJ
Sample : Q2879-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP05-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:01:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.657	3.802	25047373	74562257	22.398	19.445
2) SA Decachlor...	10.432	8.815	15931628	87915104	16.405	14.619

Target Compounds

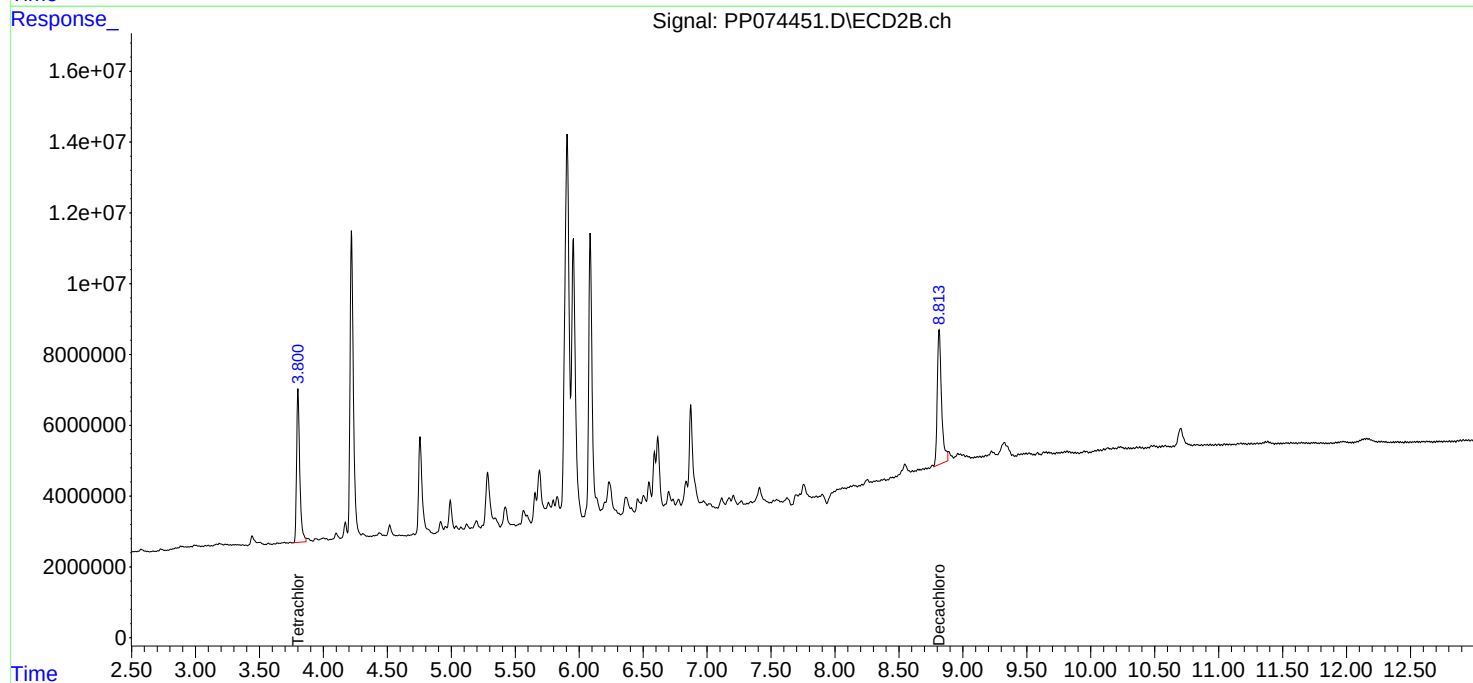
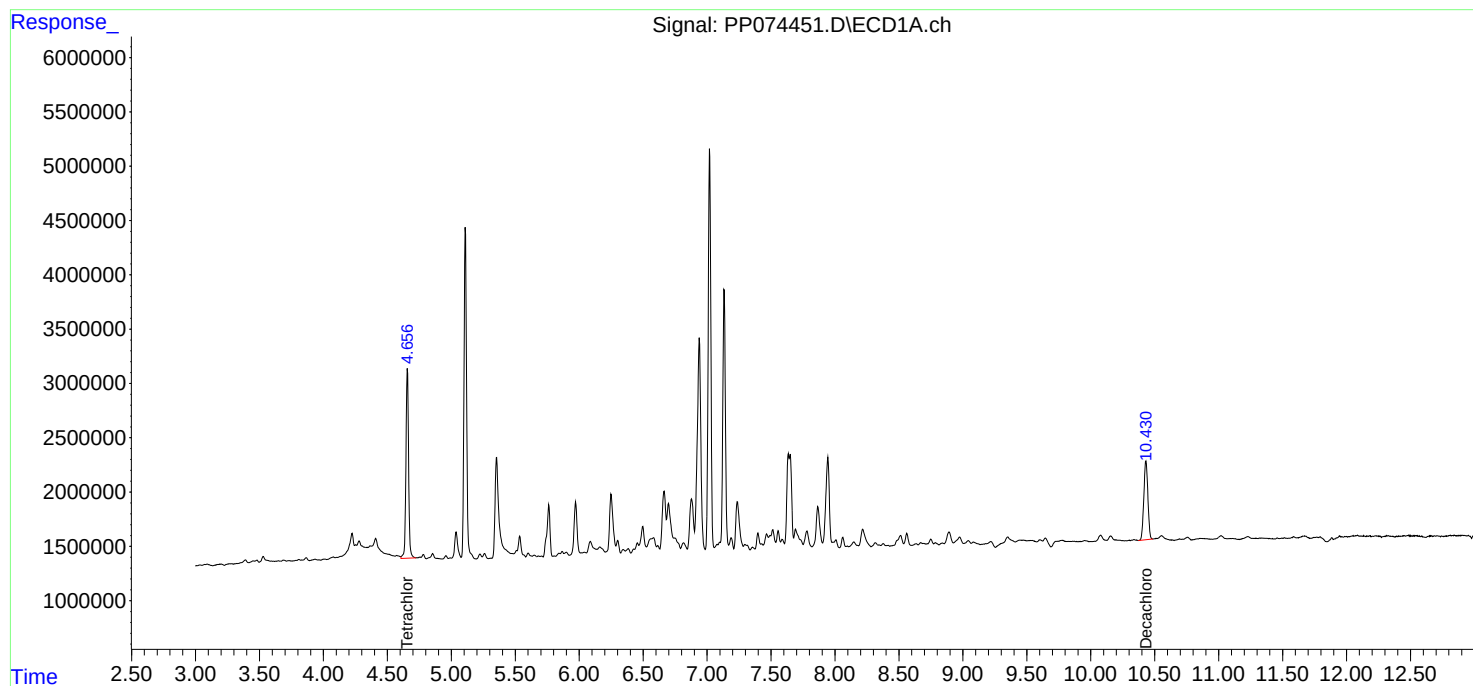
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:25
Operator : YP\AJ
Sample : Q2879-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP05-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:01:12 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074451.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 25047373
Conc: 22.40 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP05-081425

Time

Response_ Signal: PP074451.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 74562257
Conc: 19.45 ng/ml

Time

Response_ Signal: PP074451.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.006 min
Response: 15931628
Conc: 16.40 ng/ml

Time

Response_ Signal: PP074451.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: -0.011 min
Response: 87915104
Conc: 14.62 ng/ml

Time

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP06-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-07	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	90.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074452.D	1	08/18/25 08:05	08/18/25 13:41	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	4.30	9.10	18.7	ug/kg
11104-28-2	Aroclor-1221	14.3	U	4.40	14.3	18.7	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.7	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.7	ug/kg
12672-29-6	Aroclor-1248	14.3	U	6.50	14.3	18.7	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.7	ug/kg
37324-23-5	Aroclor-1262	14.3	U	5.50	14.3	18.7	ug/kg
11100-14-4	Aroclor-1268	9.10	U	4.00	9.10	18.7	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.60	9.10	18.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.6		44 - 130		108%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.3		60 - 125		81%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:41
Operator : YP\AJ
Sample : Q2879-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP06-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:01:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.800	24167949	74126114	21.611	19.332
2) SA Decachlor...	10.432	8.813	15825887	83682493	16.296	13.915

Target Compounds

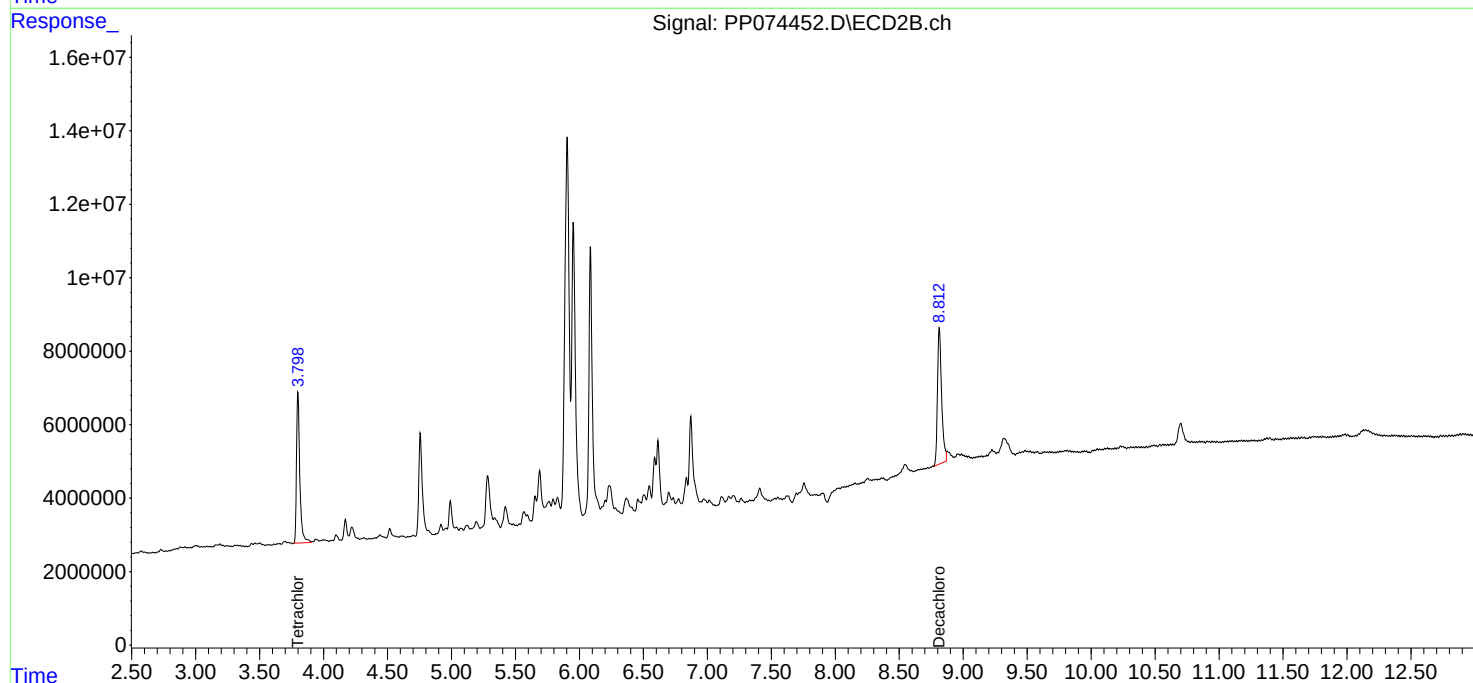
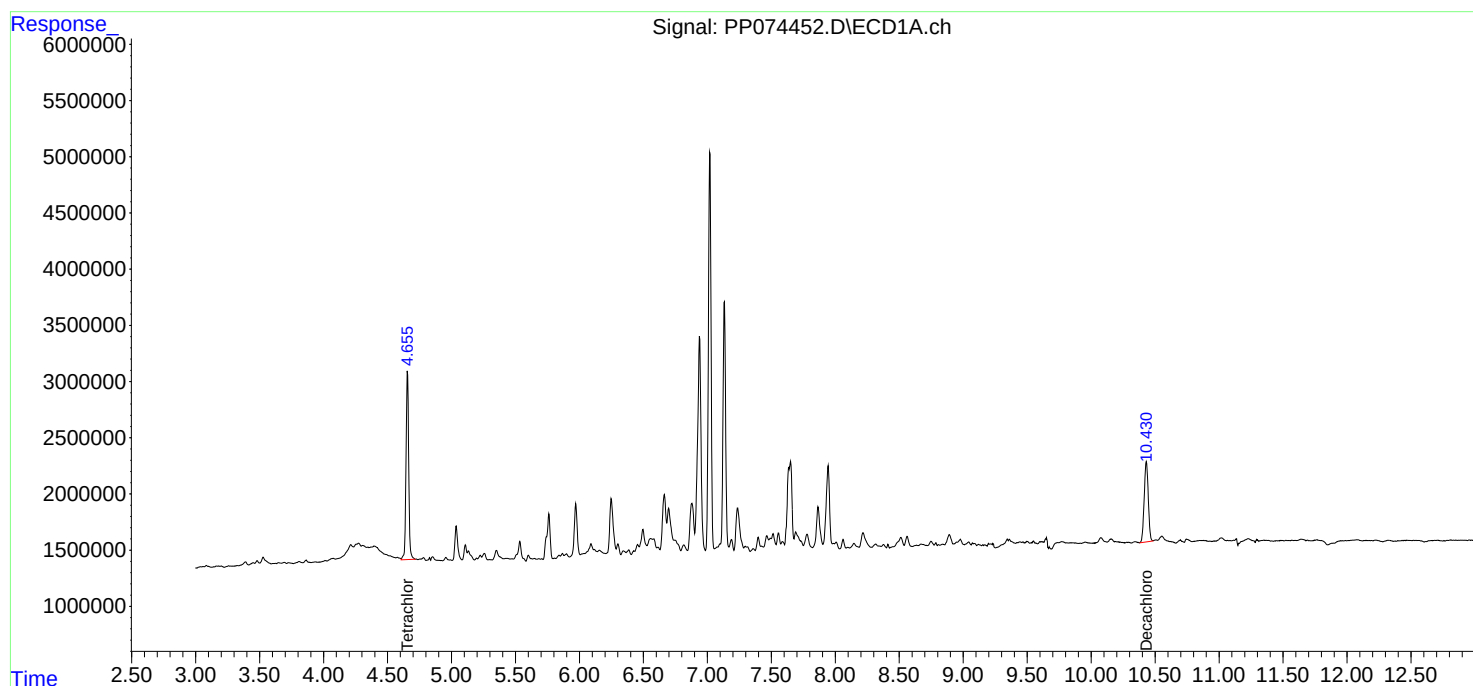
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

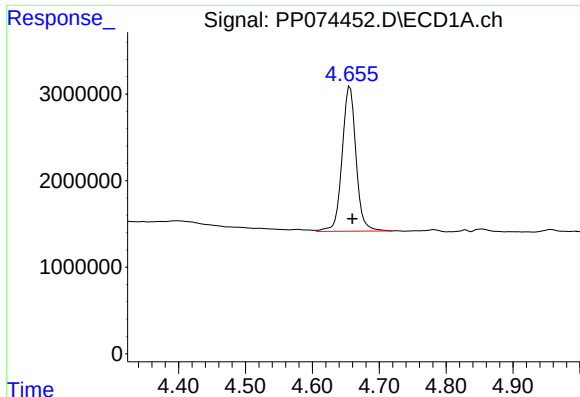
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074452.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 13:41
Operator : YP\AJ
Sample : Q2879-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP06-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:01:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

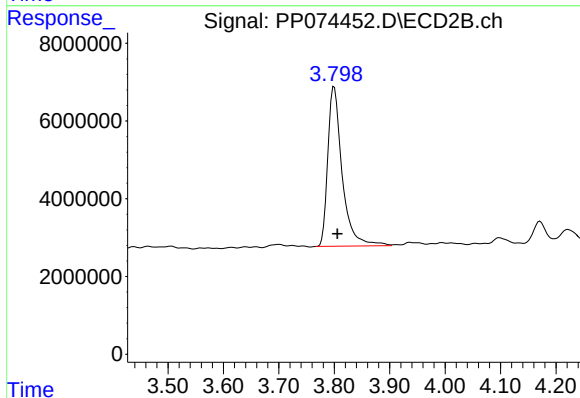




#1 Tetrachloro-m-xylene

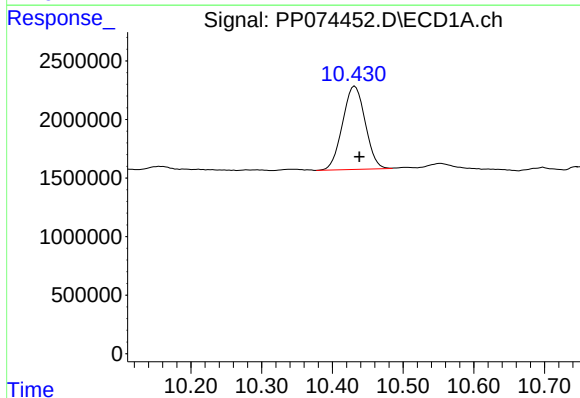
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 24167949
Conc: 21.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP06-081425



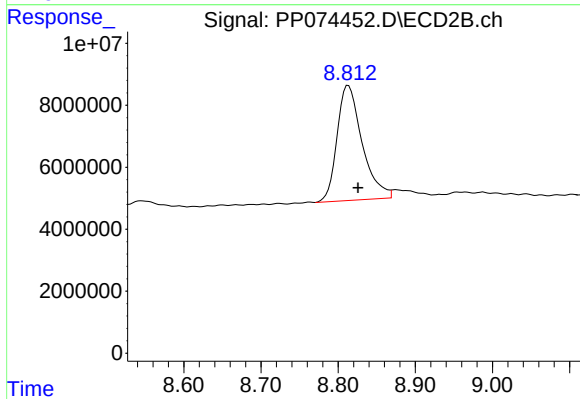
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 74126114
Conc: 19.33 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.006 min
Response: 15825887
Conc: 16.30 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 83682493
Conc: 13.92 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP07-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.5
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074457.D	1	08/18/25 08:05	08/18/25 16:08	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	4.20	8.90	18.1	ug/kg
11104-28-2	Aroclor-1221	13.9	U	4.30	13.9	18.1	ug/kg
11141-16-5	Aroclor-1232	8.90	U	4.00	8.90	18.1	ug/kg
53469-21-9	Aroclor-1242	8.90	U	4.30	8.90	18.1	ug/kg
12672-29-6	Aroclor-1248	13.9	U	6.30	13.9	18.1	ug/kg
11097-69-1	Aroclor-1254	8.90	U	3.40	8.90	18.1	ug/kg
37324-23-5	Aroclor-1262	13.9	U	5.40	13.9	18.1	ug/kg
11100-14-4	Aroclor-1268	8.90	U	3.80	8.90	18.1	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.40	8.90	18.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.1		44 - 130		106%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.9		60 - 125		79%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:08
Operator : YP\AJ
Sample : Q2879-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP07-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:10:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.801	23636632	70321683	21.136	18.340
2) SA Decachlor...	10.430	8.813	15412069	83452932	15.870	13.877

Target Compounds

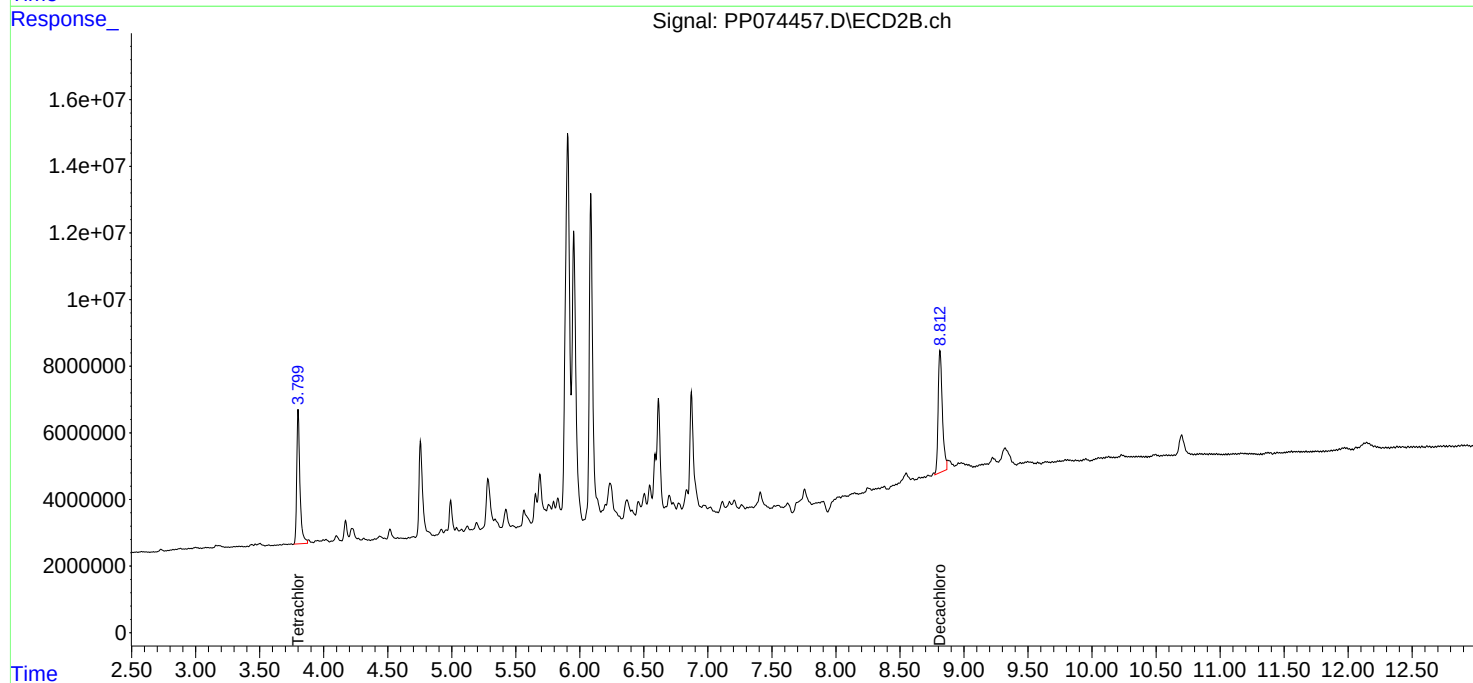
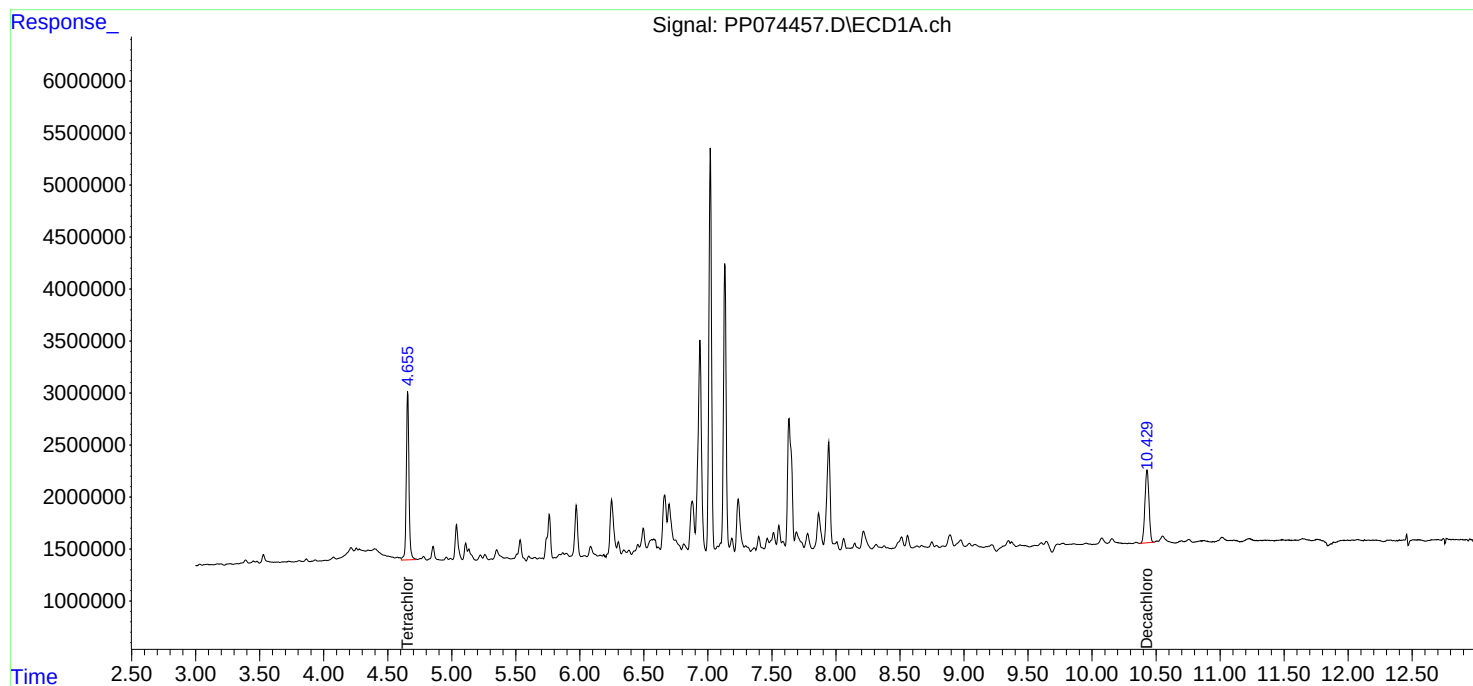
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:08
Operator : YP\AJ
Sample : Q2879-09
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP07-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:10:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074457.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 23636632
Conc: 21.14 ng/ml

Instrument :

ECD_P

ClientSampleId :

OU4-TS-GRILLO-TSCP07-081425

Time

Response_ Signal: PP074457.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 70321683
Conc: 18.34 ng/ml

Time

Response_ Signal: PP074457.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 15412069
Conc: 15.87 ng/ml

Time

Response_ Signal: PP074457.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 83452932
Conc: 13.88 ng/ml

Time

Report of Analysis

Client:	Nobis Group		Date Collected:	08/14/25	
Project:	Raymark Superfund Site		Date Received:	08/15/25	
Client Sample ID:	OU4-TS-GRILLO-TSCP08-081425		SDG No.:	Q2879	
Lab Sample ID:	Q2879-11		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	91.3	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074458.D	1	08/18/25 08:05	08/18/25 16:24	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	4.30	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	4.40	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	6.50	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.6	ug/kg
37324-23-5	Aroclor-1262	14.2	U	5.50	14.2	18.6	ug/kg
11100-14-4	Aroclor-1268	9.10	U	3.90	9.10	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.50	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.1		44 - 130		120%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.8		60 - 125		104%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:24
Operator : YP\AJ
Sample : Q2879-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP08-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:11:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.654	3.798	26902049	88463206	24.056	23.071
2) SA Decachlor...	10.428	8.811	20176153	113.6E6	20.775	18.887

Target Compounds

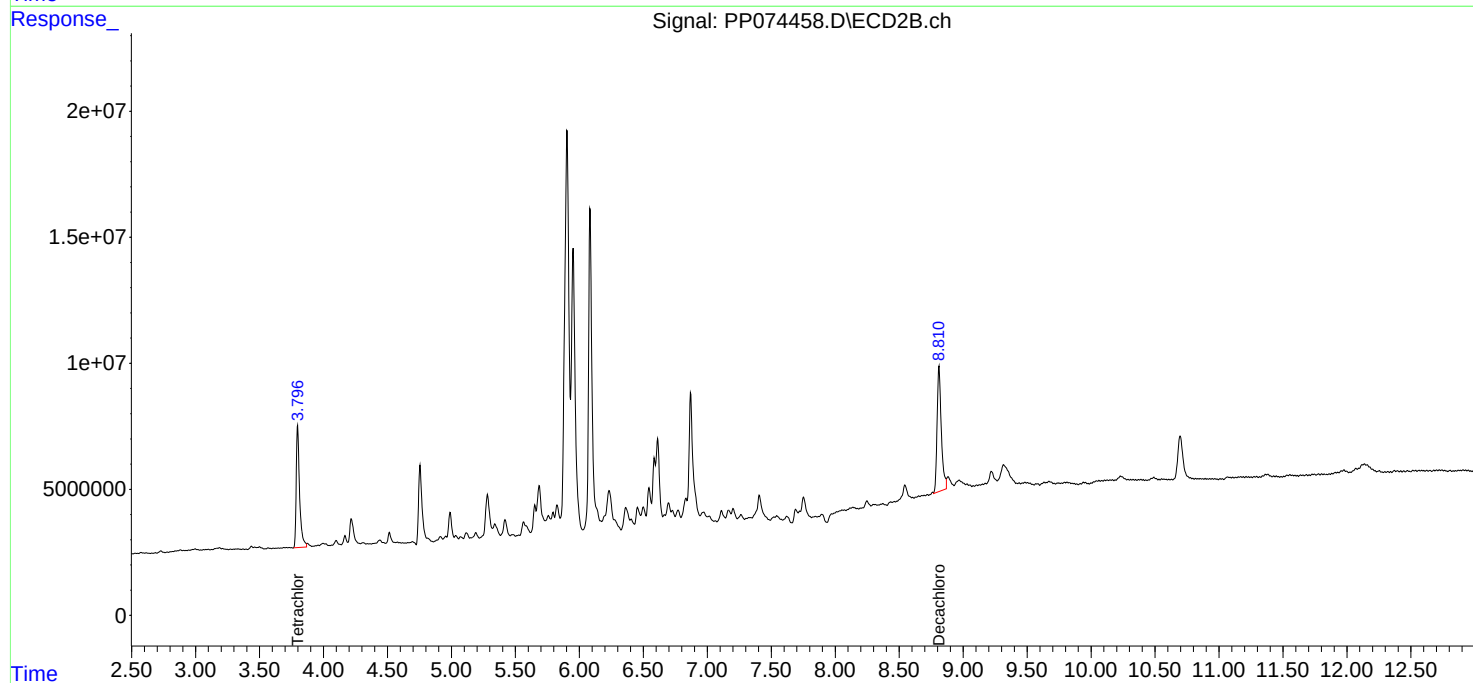
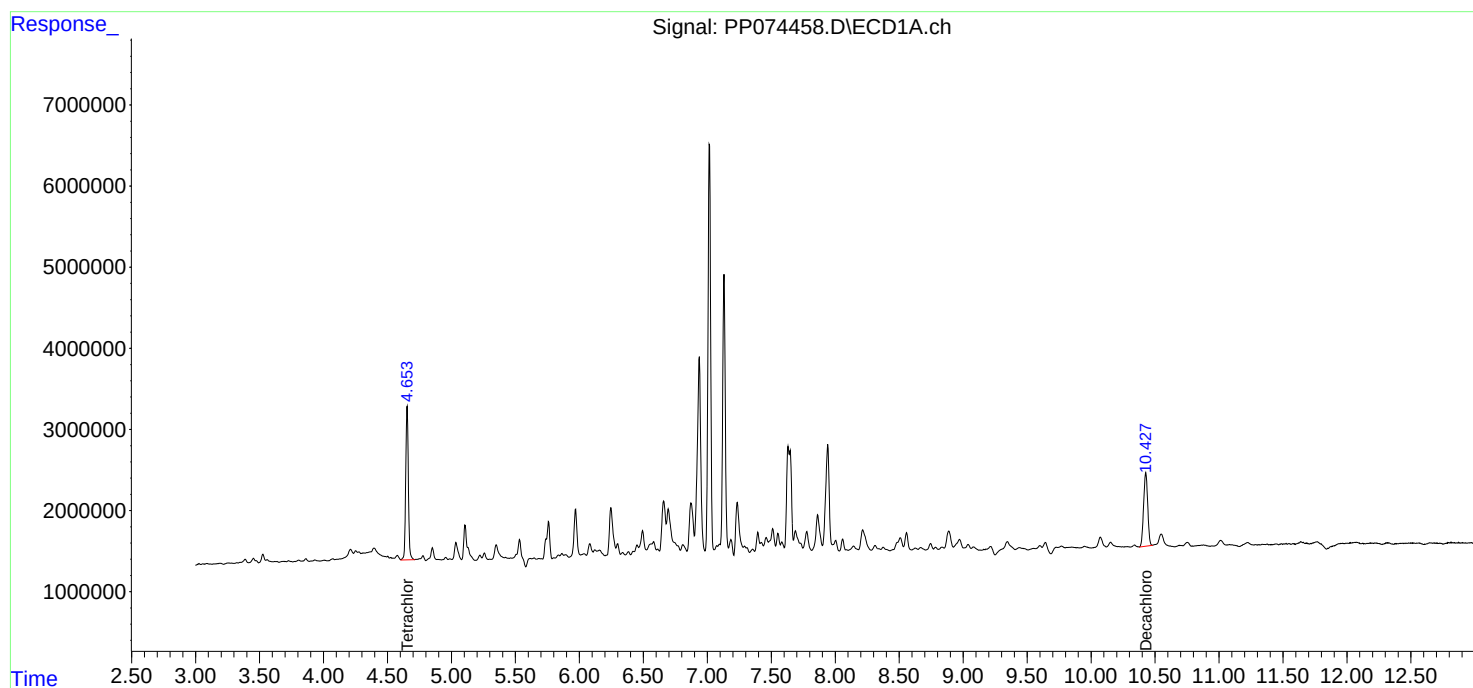
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074458.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:24
Operator : YP\AJ
Sample : Q2879-11
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP08-081425

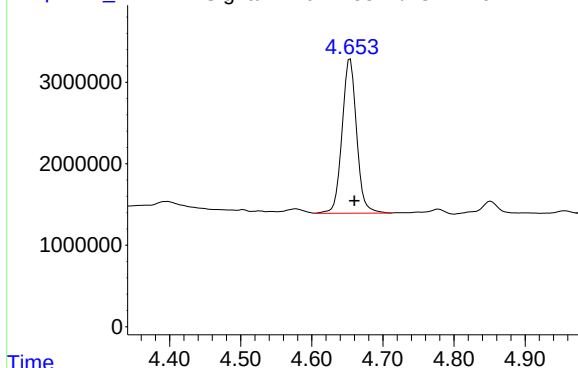
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:11:28 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: PP074458.D\ECD1A.ch

#1 Tetrachloro-m-xylene

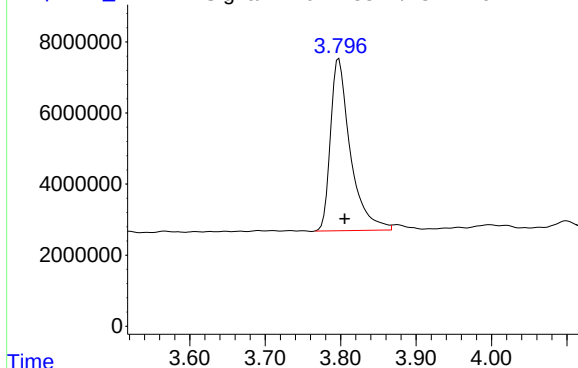


R.T.: 4.654 min
Delta R.T.: -0.006 min
Response: 26902049
Conc: 24.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP08-081425

Signal: PP074458.D\ECD2B.ch

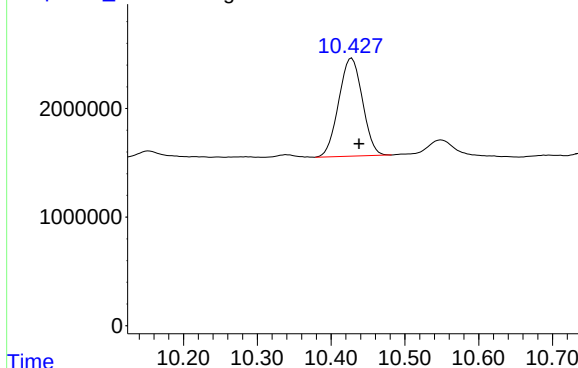
#1 Tetrachloro-m-xylene



R.T.: 3.798 min
Delta R.T.: -0.008 min
Response: 88463206
Conc: 23.07 ng/ml

Signal: PP074458.D\ECD1A.ch

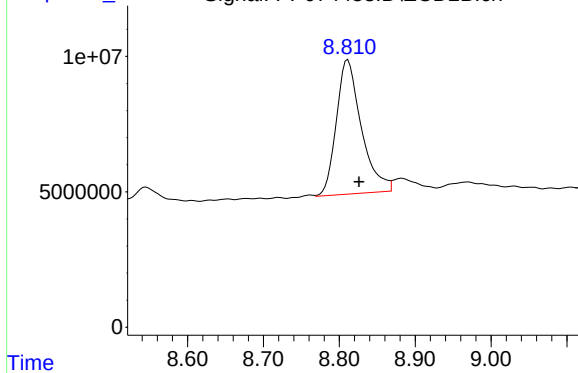
#2 Decachlorobiphenyl



R.T.: 10.428 min
Delta R.T.: -0.010 min
Response: 20176153
Conc: 20.78 ng/ml

Signal: PP074458.D\ECD2B.ch

#2 Decachlorobiphenyl



R.T.: 8.811 min
Delta R.T.: -0.015 min
Response: 113580977
Conc: 18.89 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP09-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-13	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074459.D	1	08/18/25 08:05	08/18/25 16:40	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.90	U	4.30	8.90	18.3	ug/kg
11104-28-2	Aroclor-1221	14.0	U	4.30	14.0	18.3	ug/kg
11141-16-5	Aroclor-1232	8.90	U	4.00	8.90	18.3	ug/kg
53469-21-9	Aroclor-1242	8.90	U	4.30	8.90	18.3	ug/kg
12672-29-6	Aroclor-1248	14.0	U	6.40	14.0	18.3	ug/kg
11097-69-1	Aroclor-1254	8.90	U	3.50	8.90	18.3	ug/kg
37324-23-5	Aroclor-1262	14.0	U	5.40	14.0	18.3	ug/kg
11100-14-4	Aroclor-1268	8.90	U	3.90	8.90	18.3	ug/kg
11096-82-5	Aroclor-1260	8.90	U	3.50	8.90	18.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.1		44 - 130		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.6		60 - 125		98%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:40
Operator : YP\AJ
Sample : Q2879-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP09-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.801	25819448	81849236	23.088	21.346
2) SA Decachlor...	10.431	8.814	19064474	105.3E6	19.631	17.514

Target Compounds

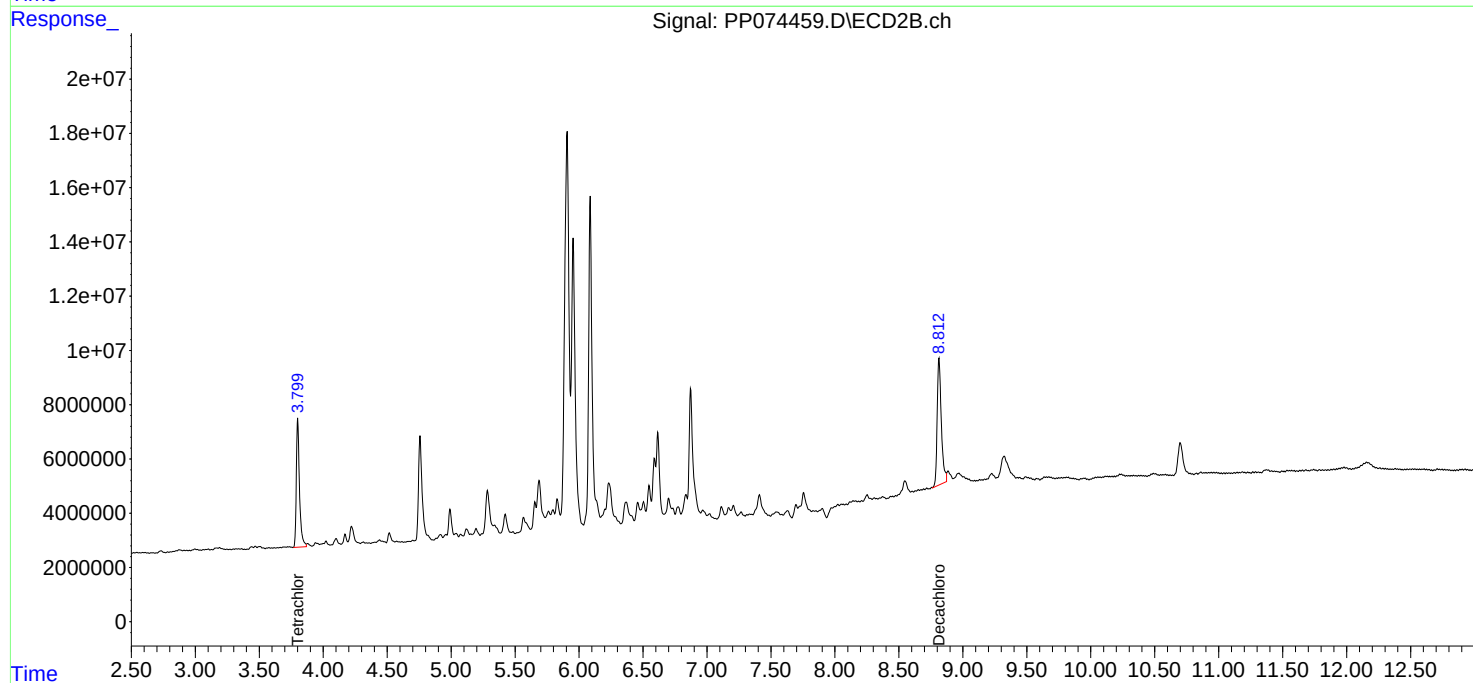
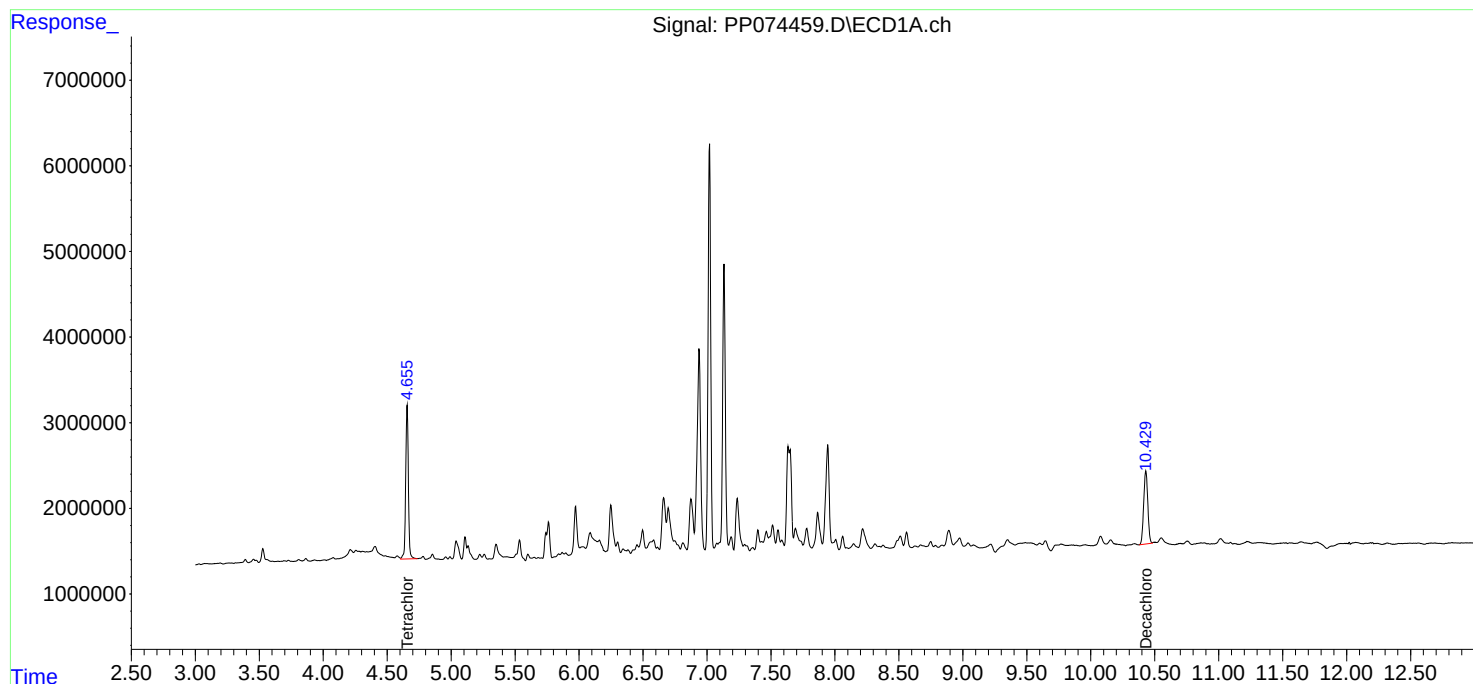
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

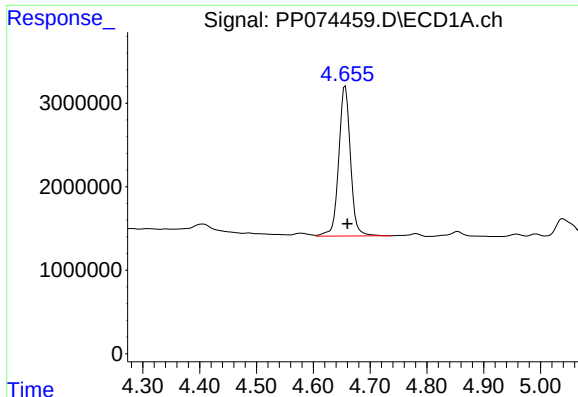
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074459.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:40
Operator : YP\AJ
Sample : Q2879-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP09-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:11:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

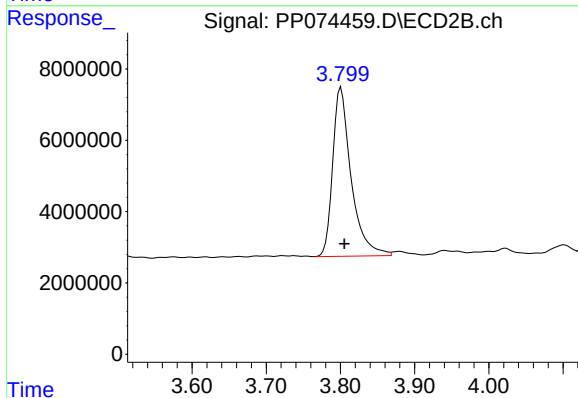




#1 Tetrachloro-m-xylene

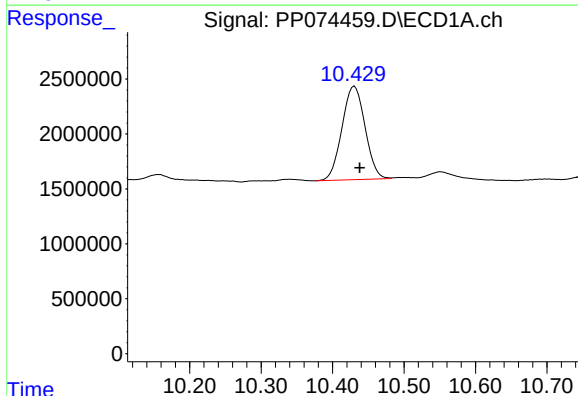
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 25819448
Conc: 23.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP09-081425



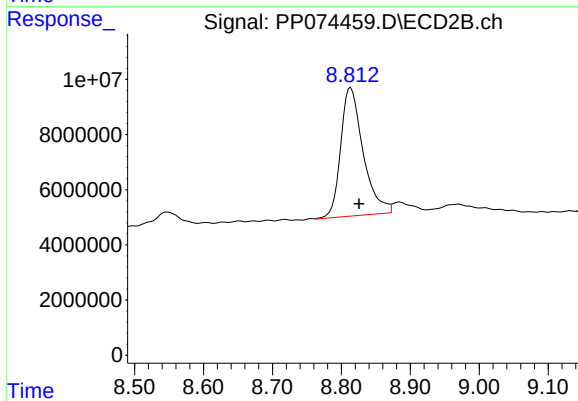
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 81849236
Conc: 21.35 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.007 min
Response: 19064474
Conc: 19.63 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.012 min
Response: 105324427
Conc: 17.51 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP10-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-15	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074460.D	1	08/18/25 08:05	08/18/25 16:56	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.10	U	4.30	9.10	18.6	ug/kg
11104-28-2	Aroclor-1221	14.2	U	4.40	14.2	18.6	ug/kg
11141-16-5	Aroclor-1232	9.10	U	4.10	9.10	18.6	ug/kg
53469-21-9	Aroclor-1242	9.10	U	4.40	9.10	18.6	ug/kg
12672-29-6	Aroclor-1248	14.2	U	6.50	14.2	18.6	ug/kg
11097-69-1	Aroclor-1254	9.10	U	3.50	9.10	18.6	ug/kg
37324-23-5	Aroclor-1262	14.2	U	5.50	14.2	18.6	ug/kg
11100-14-4	Aroclor-1268	9.10	U	3.90	9.10	18.6	ug/kg
11096-82-5	Aroclor-1260	9.10	U	3.50	9.10	18.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	24.6		44 - 130		123%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.6		60 - 125		103%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:56
Operator : YP\AJ
Sample : Q2879-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP10-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:12:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.660	3.803	27518658	86814749	24.607	22.641
2) SA Decachlor...	10.434	8.817	20037546	106.3E6	20.633	17.679

Target Compounds

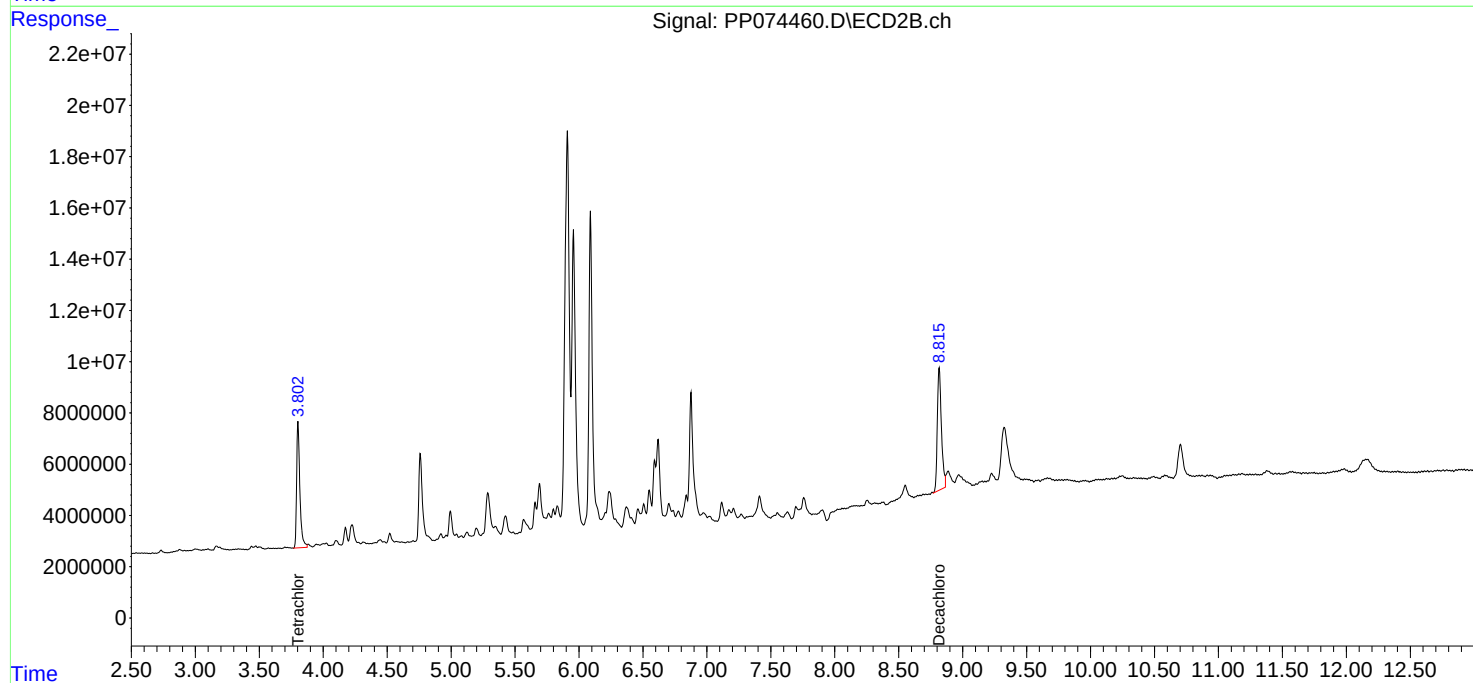
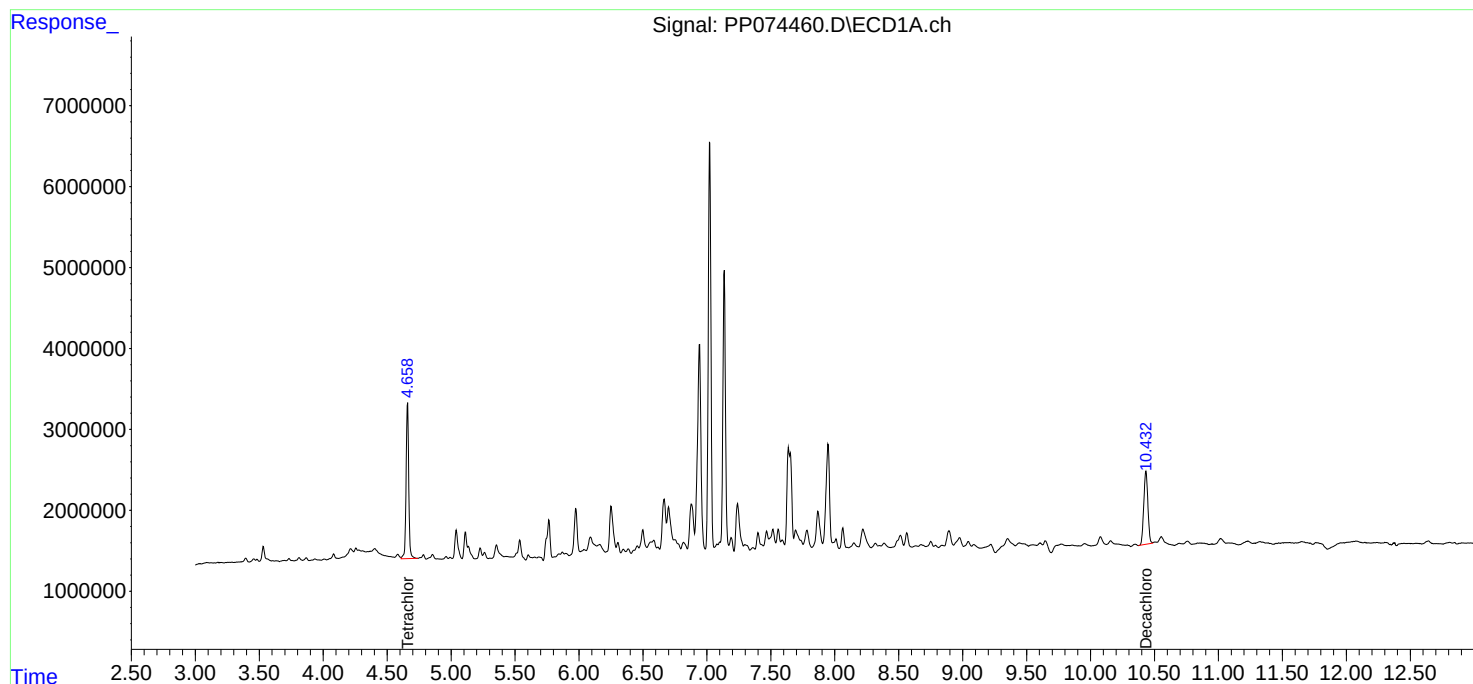
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074460.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 16:56
Operator : YP\AJ
Sample : Q2879-15
Misc :
ALS Vial : 19 Sample Multiplier: 1

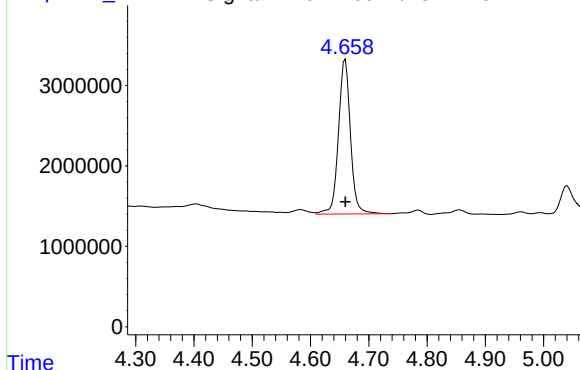
Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP10-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:12:31 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074460.D\ECD1A.ch

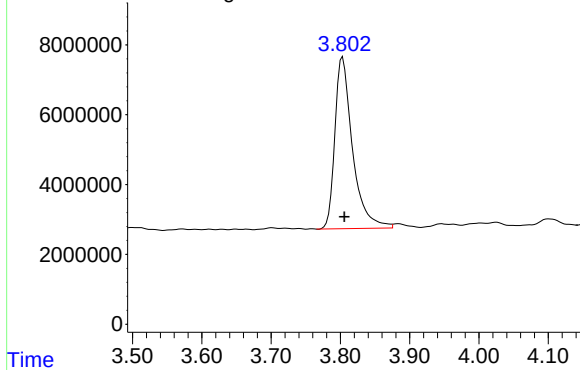


#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 27518658
Conc: 24.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP10-081425

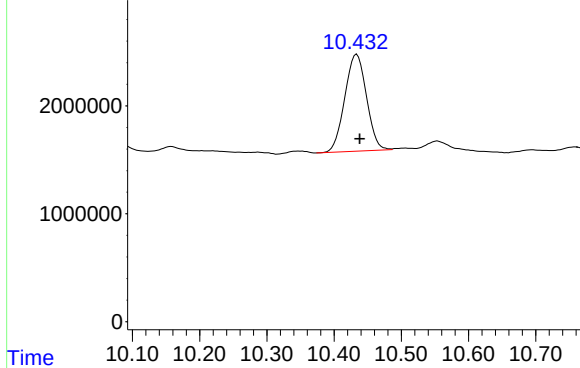
Response_ Signal: PP074460.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 86814749
Conc: 22.64 ng/ml

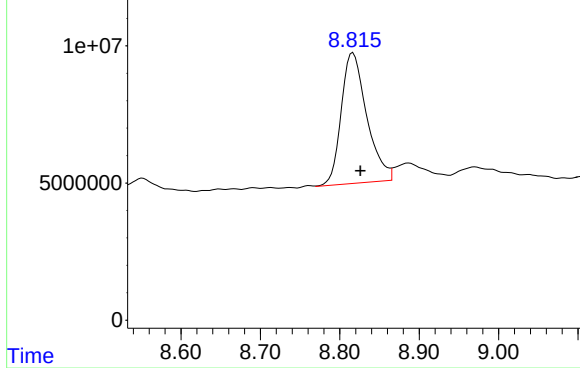
Response_ Signal: PP074460.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: -0.004 min
Response: 20037546
Conc: 20.63 ng/ml

Response_ Signal: PP074460.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.817 min
Delta R.T.: -0.009 min
Response: 106313583
Conc: 17.68 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/14/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	OU4-TS-GRILLO-TSCP11-081425	SDG No.:	Q2879
Lab Sample ID:	Q2879-17	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	77
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074461.D	1	08/18/25 08:05	08/18/25 17:13	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.7	U	5.10	10.7	22.0	ug/kg
11104-28-2	Aroclor-1221	16.8	U	5.20	16.8	22.0	ug/kg
11141-16-5	Aroclor-1232	10.7	U	4.80	10.7	22.0	ug/kg
53469-21-9	Aroclor-1242	10.7	U	5.20	10.7	22.0	ug/kg
12672-29-6	Aroclor-1248	16.8	U	7.70	16.8	22.0	ug/kg
11097-69-1	Aroclor-1254	10.7	U	4.20	10.7	22.0	ug/kg
37324-23-5	Aroclor-1262	16.8	U	6.50	16.8	22.0	ug/kg
11100-14-4	Aroclor-1268	10.7	U	4.70	10.7	22.0	ug/kg
11096-82-5	Aroclor-1260	10.7	U	4.20	10.7	22.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.6		44 - 130		113%	SPK: 20
2051-24-3	Decachlorobiphenyl	15.3		60 - 125		76%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:13
Operator : YP\AJ
Sample : Q2879-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP11-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:13:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.655	3.799	25258293	78805923	22.586	20.552
2) SA Decachlor...	10.429	8.813	14842950	73645141	15.284	12.246

Target Compounds

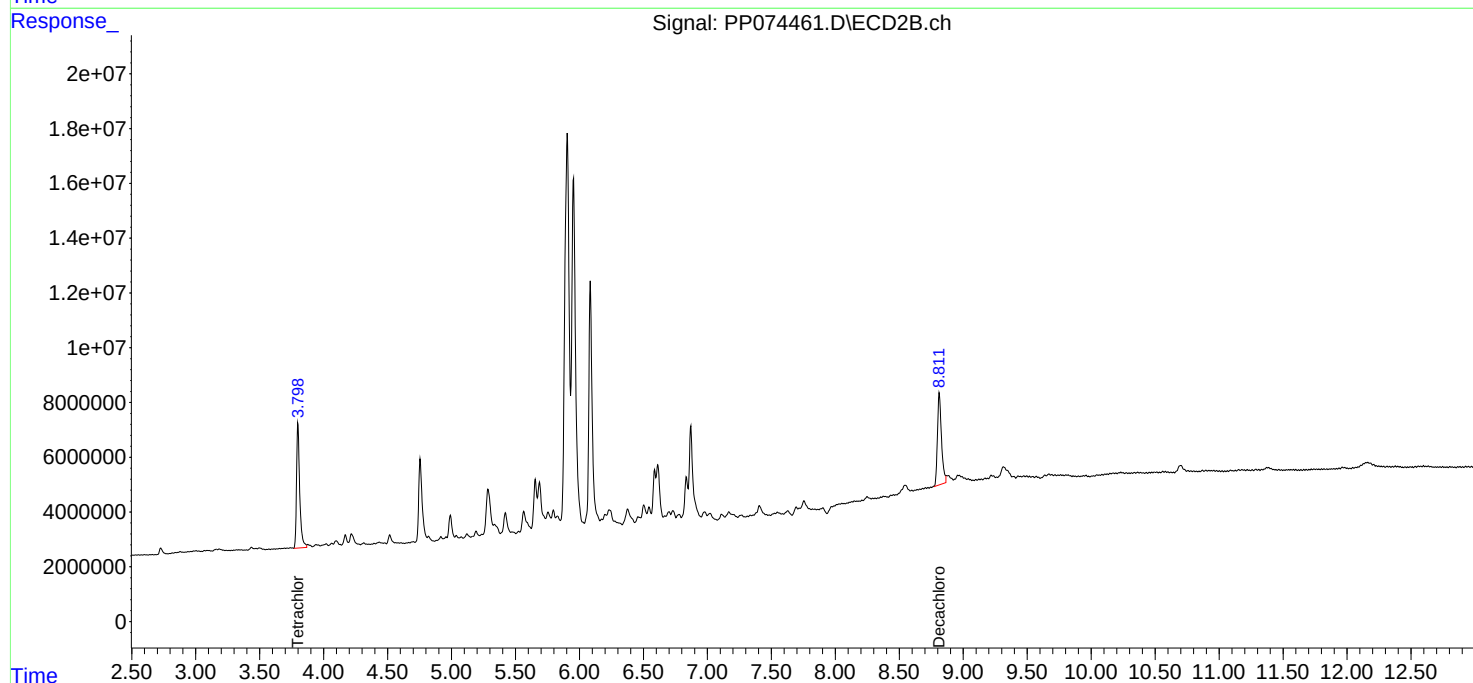
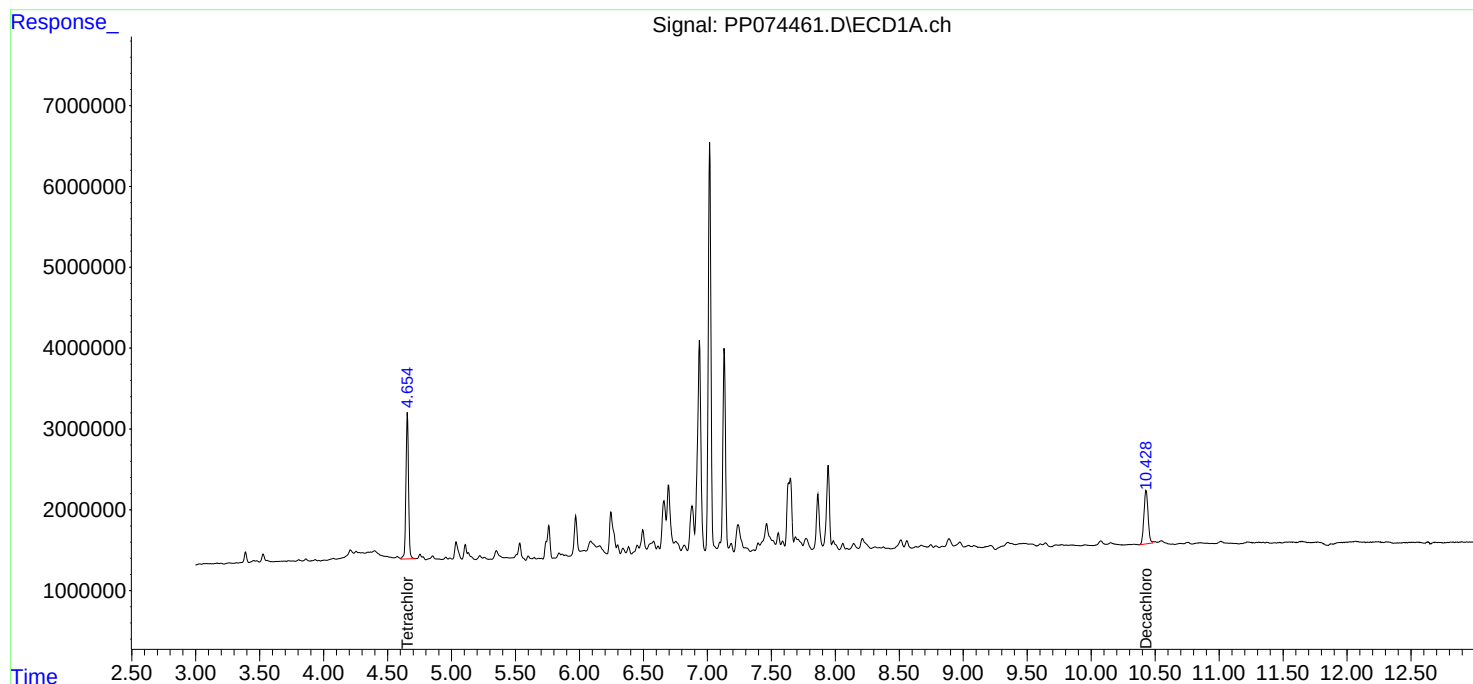
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074461.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 17:13
Operator : YP\AJ
Sample : Q2879-17
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP11-081425

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:13:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074461.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 25258293
Conc: 22.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
OU4-TS-GRILLO-TSCP11-081425

Time

Response_ Signal: PP074461.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.799 min
Delta R.T.: -0.006 min
Response: 78805923
Conc: 20.55 ng/ml

Time

Response_ Signal: PP074461.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.009 min
Response: 14842950
Conc: 15.28 ng/ml

Time

Response_ Signal: PP074461.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 73645141
Conc: 12.25 ng/ml

Time



CALIBRATION SUMMARY

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RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>NOBI03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2879</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>08/01/2025</u> <u>08/01/2025</u>
		Calibration Times:	<u>12:05</u> <u>20:28</u>

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

LAB FILE ID:	RT 1000 = <u>PP074168.D</u>	RT 750 = <u>PP074169.D</u>
RT 500 = <u>PP074170.D</u>	RT 250 = <u>PP074171.D</u>	RT 050 = <u>PP074172.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1016-2	(2)	5.83	5.84	5.83	5.83	5.84	5.83	5.73	5.93
Aroclor-1016-3	(3)	5.90	5.90	5.90	5.90	5.90	5.90	5.80	6.00
Aroclor-1016-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1016-5	(5)	6.29	6.29	6.29	6.28	6.29	6.29	6.19	6.39
Aroclor-1260-1	(1)	7.40	7.41	7.40	7.40	7.40	7.40	7.30	7.50
Aroclor-1260-2	(2)	7.66	7.66	7.66	7.65	7.66	7.66	7.56	7.76
Aroclor-1260-3	(3)	8.01	8.02	8.01	8.01	8.02	8.01	7.91	8.11
Aroclor-1260-4	(4)	8.24	8.24	8.24	8.24	8.24	8.24	8.14	8.34
Aroclor-1260-5	(5)	8.57	8.57	8.57	8.57	8.57	8.57	8.47	8.67
Decachlorobiphenyl		10.44	10.44	10.44	10.44	10.44	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1242-1	(1)	5.81	5.81	5.81	5.81	5.81	5.81	5.71	5.91
Aroclor-1242-2	(2)	5.83	5.84	5.83	5.83	5.83	5.83	5.73	5.93
Aroclor-1242-3	(3)	5.90	5.90	5.89	5.90	5.90	5.90	5.80	6.00
Aroclor-1242-4	(4)	5.99	6.00	5.99	5.99	5.99	5.99	5.89	6.09
Aroclor-1242-5	(5)	6.72	6.72	6.72	6.72	6.72	6.72	6.62	6.82
Decachlorobiphenyl		10.44	10.44	10.43	10.44	10.43	10.44	10.34	10.54
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76
Aroclor-1254-1	(1)	6.66	6.66	6.66	6.66	6.66	6.66	6.56	6.76
Aroclor-1254-2	(2)	6.88	6.87	6.87	6.87	6.87	6.87	6.77	6.97
Aroclor-1254-3	(3)	7.24	7.24	7.24	7.24	7.23	7.24	7.14	7.34
Aroclor-1254-4	(4)	7.52	7.52	7.52	7.52	7.52	7.52	7.42	7.62
Aroclor-1254-5	(5)	7.93	7.93	7.93	7.93	7.93	7.93	7.83	8.03
Decachlorobiphenyl		10.43	10.43	10.43	10.43	10.43	10.43	10.33	10.53
Tetrachloro-m-xylene		4.66	4.66	4.66	4.66	4.66	4.66	4.56	4.76

RETENTION TIMES OF INITIAL CALIBRATION

Lab Name:	<u>Alliance</u>	Contract:	<u>NOBI03</u>
Lab Code:	<u>ACE</u>	SDG NO.:	<u>Q2879</u>
Instrument ID:	<u>ECD_P</u>	Calibration Date(s):	<u>08/01/2025</u> <u>08/01/2025</u>
		Calibration Times:	<u>12:05</u> <u>20:28</u>

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

LAB FILE ID:	RT 1000 = <u>PP074168.D</u>	RT 750 = <u>PP074169.D</u>
RT 500 = <u>PP074170.D</u>	RT 250 = <u>PP074171.D</u>	RT 050 = <u>PP074172.D</u>

COMPOUND		RT 1000	RT 750	RT 500	RT 250	RT 050	MEAN RT	RT WINDOW	
								FROM	TO
Aroclor-1016-1	(1)	4.91	4.90	4.91	4.91	4.91	4.91	4.81	5.01
Aroclor-1016-2	(2)	4.96	4.96	4.96	4.97	4.97	4.96	4.86	5.06
Aroclor-1016-3	(3)	5.08	5.08	5.08	5.09	5.08	5.08	4.98	5.18
Aroclor-1016-4	(4)	5.12	5.12	5.12	5.13	5.12	5.12	5.02	5.22
Aroclor-1016-5	(5)	5.34	5.34	5.34	5.34	5.34	5.34	5.24	5.44
Aroclor-1260-1	(1)	6.56	6.55	6.56	6.56	6.56	6.56	6.46	6.66
Aroclor-1260-2	(2)	6.71	6.71	6.71	6.71	6.71	6.71	6.61	6.81
Aroclor-1260-3	(3)	6.92	6.92	6.92	6.92	6.92	6.92	6.82	7.02
Aroclor-1260-4	(4)	7.18	7.18	7.18	7.18	7.18	7.18	7.08	7.28
Aroclor-1260-5	(5)	7.42	7.42	7.42	7.42	7.42	7.42	7.32	7.52
Decachlorobiphenyl		8.83	8.83	8.83	8.83	8.83	8.83	8.73	8.93
Tetrachloro-m-xylene		3.81	3.80	3.81	3.81	3.80	3.81	3.71	3.91
Aroclor-1242-1	(1)	4.91	4.90	4.91	4.91	4.90	4.91	4.81	5.01
Aroclor-1242-2	(2)	4.96	4.96	4.96	4.96	4.96	4.96	4.86	5.06
Aroclor-1242-3	(3)	5.08	5.08	5.08	5.08	5.08	5.08	4.98	5.18
Aroclor-1242-4	(4)	5.16	5.16	5.16	5.17	5.16	5.16	5.06	5.26
Aroclor-1242-5	(5)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Decachlorobiphenyl		8.83	8.82	8.83	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.80	3.80	3.81	3.81	3.80	3.80	3.70	3.90
Aroclor-1254-1	(1)	5.69	5.69	5.69	5.69	5.69	5.69	5.59	5.79
Aroclor-1254-2	(2)	5.84	5.84	5.83	5.83	5.84	5.84	5.74	5.94
Aroclor-1254-3	(3)	6.24	6.24	6.24	6.24	6.24	6.24	6.14	6.34
Aroclor-1254-4	(4)	6.46	6.46	6.46	6.46	6.46	6.46	6.36	6.56
Aroclor-1254-5	(5)	6.88	6.88	6.88	6.88	6.88	6.88	6.78	6.98
Decachlorobiphenyl		8.82	8.82	8.82	8.82	8.82	8.82	8.72	8.92
Tetrachloro-m-xylene		3.81	3.80	3.80	3.80	3.80	3.80	3.70	3.90

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: NOBI03
SDG NO.: Q2879
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID:		CF 1000 = <u>PP074168.D</u>		CF 750 = <u>PP074169.D</u>			
CF 500 = <u>PP074170.D</u>		CF 250 = <u>PP074171.D</u>		CF 050 = <u>PP074172.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	35273925	37423669	39112938	43859036	50614460	41256806
Aroclor-1016-2	(2)	51795728	55199127	58347288	64689960	73676540	60741729
Aroclor-1016-3	(3)	33422245	35685564	37869938	42702196	48622620	39660513
Aroclor-1016-4	(4)	27792815	29586895	31487664	35862436	37992560	32544474
Aroclor-1016-5	(5)	27690329	29450228	31441930	35606544	38151200	32468046
Aroclor-1260-1	(1)	47709498	50888675	54142460	59119820	69919860	56356063
Aroclor-1260-2	(2)	56508230	60166887	63913596	71401348	88771760	68152364
Aroclor-1260-3	(3)	45067030	48123128	50650728	57005548	65633220	53295931
Aroclor-1260-4	(4)	54035441	57066597	60264502	66664376	75043960	62614975
Aroclor-1260-5	(5)	97992993	102942959	107738868	117332464	140517260	113304909
Decachlorobiphenyl		852434670	894679120	940440840	1016872040	1151380600	971161454
Tetrachloro-m-xylene		994587660	1038636867	1076051520	1154524400	1327726000	1118305289
Aroclor-1242-1	(1)	31512428	33419607	35918512	39696020	45782500	37265813
Aroclor-1242-2	(2)	47421171	49356251	53063334	57890692	64313200	54408930
Aroclor-1242-3	(3)	30290298	32076312	34724744	38188808	43399140	35735860
Aroclor-1242-4	(4)	25177060	26633319	28691812	30950152	34640880	29218645
Aroclor-1242-5	(5)	29128304	32087727	34406488	38696772	43470800	35558018
Decachlorobiphenyl		880786000	919506067	984418560	1056643120	1205252000	1009321149
Tetrachloro-m-xylene		1043240650	1075688493	1133074840	1202593000	1370780600	1165075517
Aroclor-1254-1	(1)	49559228	49811068	53907260	53993024	55934640	52641044
Aroclor-1254-2	(2)	70079706	72686637	78166692	86577056	90012700	79504558
Aroclor-1254-3	(3)	76495408	79340601	84479860	93420496	102844700	87316213
Aroclor-1254-4	(4)	57834344	59926583	63428804	69599176	68258480	63809477
Aroclor-1254-5	(5)	73335985	76078215	80654566	88040632	87614400	81144760
Decachlorobiphenyl		901613940	929059080	979122040	1057269880	1005303000	974473588
Tetrachloro-m-xylene		1055318110	1070331613	1114290760	1189360720	1187072000	1123274641

CALIBRATION FACTOR OF INITIAL CALIBRATION

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

Contract: NOBI03
SDG NO.: Q2879
Calibration Date(s): 08/01/2025 08/01/2025
Calibration Times: 12:05 20:28

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

LAB FILE ID:		CF 1000 = <u>PP074168.D</u>		CF 750 = <u>PP074169.D</u>			
CF 500 = <u>PP074170.D</u>		CF 250 = <u>PP074171.D</u>		CF 050 = <u>PP074172.D</u>			
COMPOUND		CF 1000	CF 750	CF 500	CF 250	CF 050	% RSD
Aroclor-1016-1	(1)	401748995	398824608	399912360	403735356	390215520	398887368
Aroclor-1016-2	(2)	186854426	192495525	187577416	198284052	173833620	187809008
Aroclor-1016-3	(3)	104048217	106580327	106062448	114925596	98731580	106069634
Aroclor-1016-4	(4)	102945349	106576167	111089380	109624088	115865320	109220061
Aroclor-1016-5	(5)	116097268	118066511	118643196	118883084	113126240	116963260
Aroclor-1260-1	(1)	398303416	397444124	405725820	438106428	380206020	403957162
Aroclor-1260-2	(2)	301304557	308158192	308266150	305734868	340030740	312698901
Aroclor-1260-3	(3)	408378449	417603121	404068616	383320072	357221180	394118288
Aroclor-1260-4	(4)	295359710	299954812	306136602	280781712	272663920	290979351
Aroclor-1260-5	(5)	811772813	805780147	794112086	732491376	642892660	757409816
Decachlorobiphenyl		6091085760	6145498480	6064775080	5991469080	5775302800	6013626240
Tetrachloro-m-xylene		4204747790	4209506627	3997167900	3658659200	3102045200	3834425343
Aroclor-1242-1	(1)	341272725	348537165	356175586	358260688	321457320	345140697
Aroclor-1242-2	(2)	162660327	171629959	165033416	168697644	148866940	163377657
Aroclor-1242-3	(3)	93075141	96957855	92088854	97223352	81897380	92248516
Aroclor-1242-4	(4)	117292839	116784915	126377070	120581608	116071680	119421622
Aroclor-1242-5	(5)	140731652	152438257	148354640	155481924	150793560	149560007
Decachlorobiphenyl		6182103300	6198353267	6343202860	6254049920	5638925600	6123326989
Tetrachloro-m-xylene		4380731720	4319851627	4244718880	3977934440	3138312200	4012309773
Aroclor-1254-1	(1)	384557283	361450625	385081202	377494716	322325960	366181957
Aroclor-1254-2	(2)	284389782	276601852	284135592	290728916	255228600	278216948
Aroclor-1254-3	(3)	520239168	520693099	508814756	526662268	369647720	489211402
Aroclor-1254-4	(4)	378053305	389619320	377098978	394351108	298703960	367565334
Aroclor-1254-5	(5)	425051302	410967521	398226716	393575444	298014540	385167105
Decachlorobiphenyl		6206832720	6179384467	6118770460	6279475360	4842174000	5925327401
Tetrachloro-m-xylene		4358828150	4220486587	4040036280	3680489520	2529500800	3765868267



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

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
Instrument ID: ECD_P **Date(s) Analyzed:** 08/01/2025 08/01/2025
GC Column: ZB-MR1 **ID:** 0.32 (mm)

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.86	4.76	4.96	16763600
		2	4.94	4.84	5.04	12601100
		3	5.02	4.92	5.12	36635200
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	5.02	4.92	5.12	29037400
		2	5.55	5.45	5.65	15042700
		3	5.83	5.73	5.93	29001800
		4	5.99	5.89	6.09	15468800
		5	6.08	5.98	6.18	11716000
Aroclor-1248	500	1	5.81	5.71	5.91	28382600
		2	6.08	5.98	6.18	40187600
		3	6.28	6.18	6.38	44640800
		4	6.68	6.58	6.78	51582200
		5	6.72	6.62	6.82	53240200
Aroclor-1262	500	1	8.24	8.14	8.34	75789600
		2	8.56	8.46	8.66	130430000
		3	8.89	8.79	8.99	94070800
		4	8.97	8.87	9.07	72851600
		5	9.65	9.55	9.75	50922600
Aroclor-1268	500	1	8.88	8.78	8.98	158028000
		2	8.98	8.88	9.08	146028000
		3	9.22	9.12	9.32	121402000
		4	9.64	9.54	9.74	59648200
		5	10.08	9.98	10.18	357940000



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Fax : 908 789 8922

INITIAL CALIBRATION OF MULTICOMPONENT ANALYTES

Lab Name: Alliance Contract: NOBI03

Lab Code: ACE SDG NO.: Q2879

Instrument ID: ECD_P Date(s) Analyzed: 08/01/2025 08/01/2025

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

COMPOUND	AMOUNT (ng)	PEAK	RT	RT WINDOW		CALIBRATION FACTOR
				FROM	TO	
Aroclor-1221	500	1	4.02	3.92	4.12	49085200
		2	4.10	4.00	4.20	35889400
		3	4.18	4.08	4.28	135225000
		4	0.00			0
		5	0.00			0
Aroclor-1232	500	1	4.18	4.08	4.28	101362000
		2	4.90	4.80	5.00	174266000
		3	5.08	4.98	5.18	45816600
		4	5.16	5.06	5.26	58010800
		5	5.34	5.24	5.44	46979400
Aroclor-1248	500	1	4.90	4.80	5.00	223628000
		2	5.12	5.02	5.22	147770000
		3	5.16	5.06	5.26	179546000
		4	5.34	5.24	5.44	167057000
		5	5.73	5.63	5.83	302782000
Aroclor-1262	500	1	6.92	6.82	7.02	563142000
		2	7.18	7.08	7.28	401024000
		3	7.70	7.60	7.80	359470000
		4	7.76	7.66	7.86	666922000
		5	8.26	8.16	8.36	283268000
Aroclor-1268	500	1	7.70	7.60	7.80	1169220000
		2	7.76	7.66	7.86	1148130000
		3	7.97	7.87	8.07	891866000
		4	8.26	8.16	8.36	329470000
		5	8.56	8.46	8.66	2772300000

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:05
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.805	99458766	420.5E6	96.066	102.531
2) SA Decachlor...	10.437	8.826	85243467	609.1E6	95.091	100.216
Target Compounds						
3) L1 AR-1016-1	5.812	4.905	35273925	401.7E6	948.391	1002.291
4) L1 AR-1016-2	5.833	4.963	51795728	186.9E6	940.518	998.069
5) L1 AR-1016-3	5.896	5.083	33422245	104.0E6	937.613	990.413
6) L1 AR-1016-4	5.993	5.124	27792815	102.9E6	937.672	961.950
7) L1 AR-1016-5	6.285	5.338	27690329	116.1E6	936.556	989.154
31) L7 AR-1260-1	7.403	6.555	47709498	398.3E6	936.840	990.768
32) L7 AR-1260-2	7.656	6.711	56508230	301.3E6	938.505	988.580
33) L7 AR-1260-3	8.013	6.921	45067030	408.4E6	941.665	1005.305
34) L7 AR-1260-4	8.241	7.180	54035441	295.4E6	945.503	982.083
35) L7 AR-1260-5	8.567	7.419	97992993	811.8E6	952.628	1010.998

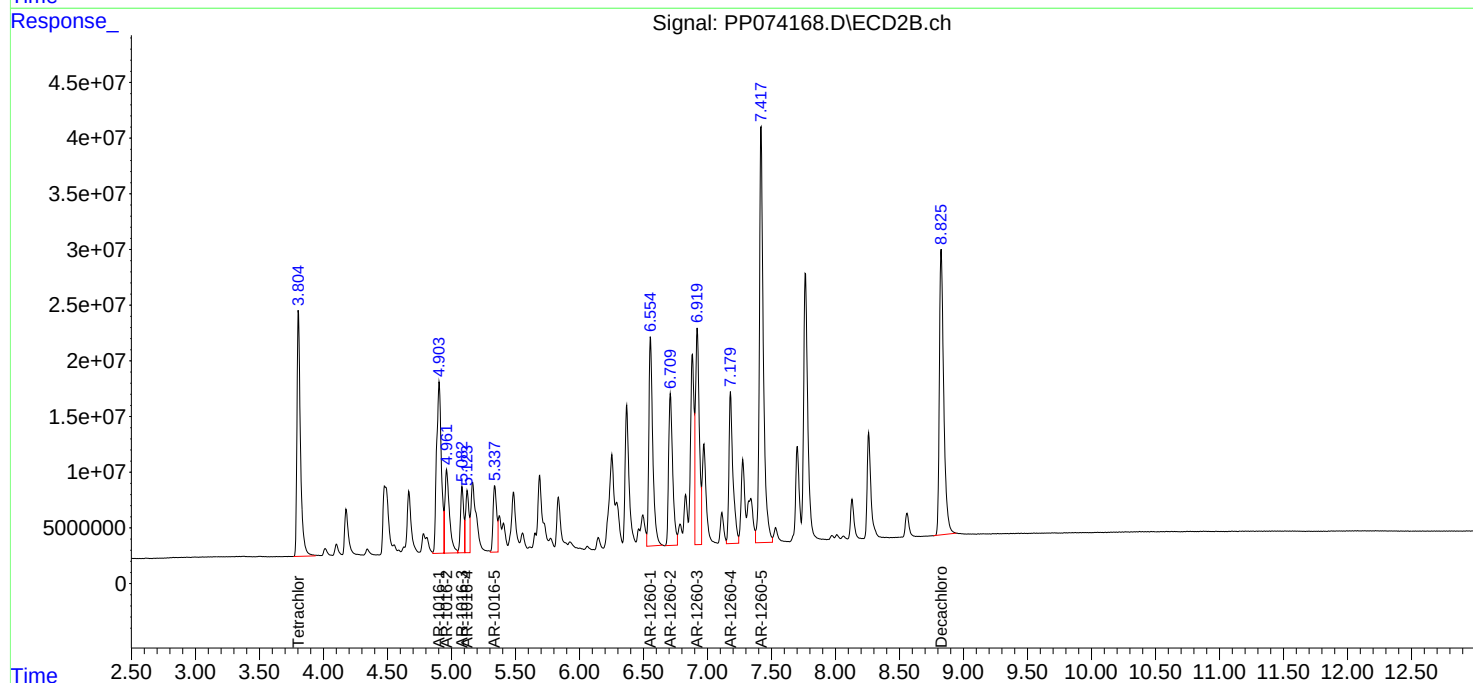
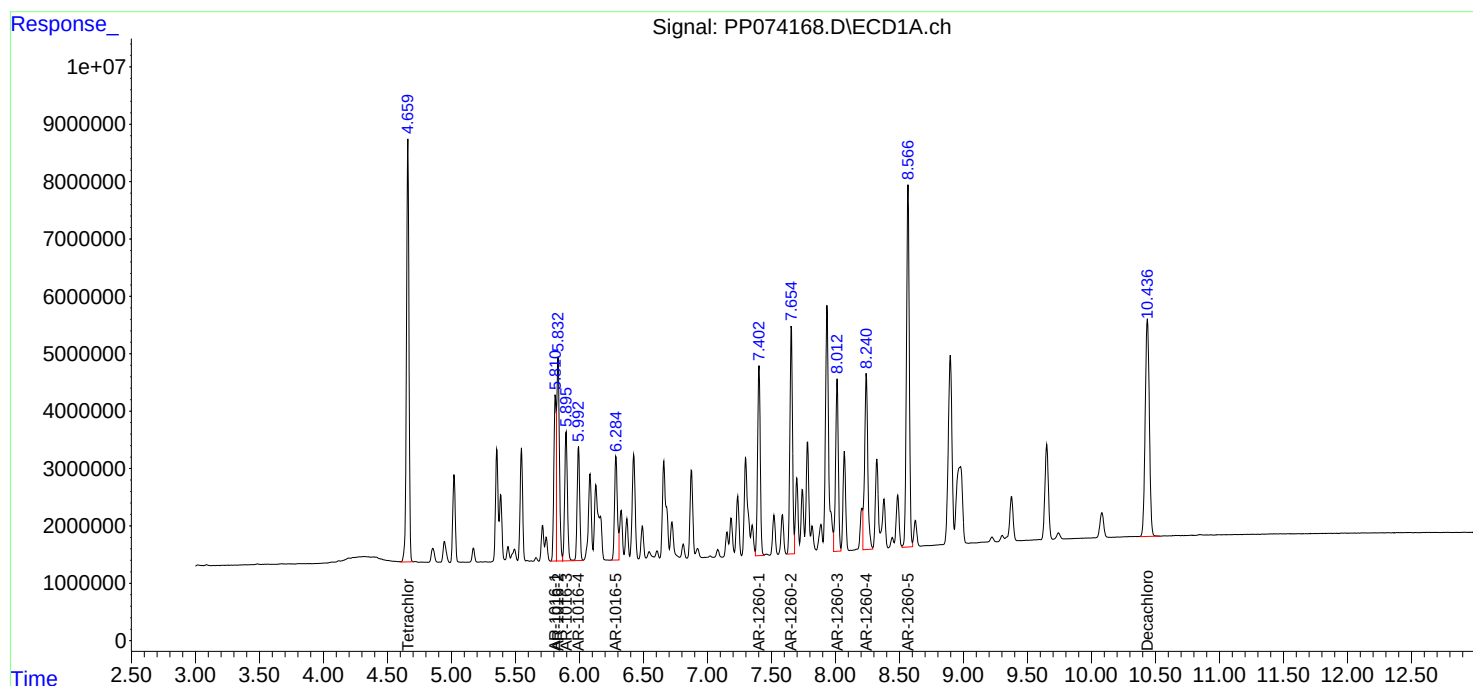
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074168.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:05
Operator : YP\AJ
Sample : AR1660ICC1000
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:05:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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



Response_ Signal: PP074168.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 99458766
Conc: 96.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Time

Response_ Signal: PP074168.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 420474779
Conc: 102.53 ng/ml

Time

Response_ Signal: PP074168.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 85243467
Conc: 95.09 ng/ml

Time

Response_ Signal: PP074168.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 609108576
Conc: 100.22 ng/ml

Time

Response_ Signal: PP074168.D\ECD1A.ch

#3 AR-1016-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 35273925
Conc: 948.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Time

Response_ Signal: PP074168.D\ECD2B.ch

#3 AR-1016-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 401748995
Conc: 1002.29 ng/ml

Time

Response_ Signal: PP074168.D\ECD1A.ch

#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 51795728
Conc: 940.52 ng/ml

Time

Response_ Signal: PP074168.D\ECD2B.ch

#4 AR-1016-2

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 186854426
Conc: 998.07 ng/ml

Time

Response_ Signal: PP074168.D\ECD1A.ch

#5 AR-1016-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 33422245
Conc: 937.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Time

Response_ Signal: PP074168.D\ECD2B.ch

#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 104048217
Conc: 990.41 ng/ml

Time

Response_ Signal: PP074168.D\ECD1A.ch

#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 27792815
Conc: 937.67 ng/ml

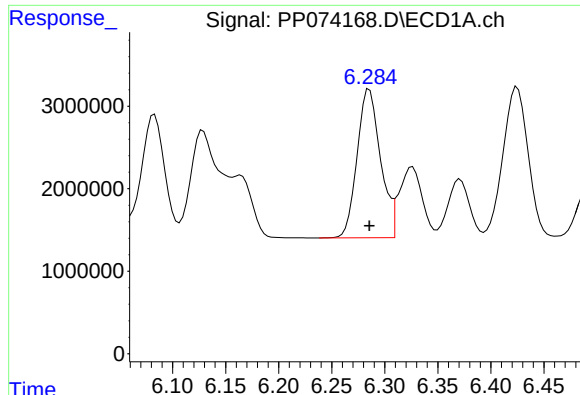
Time

Response_ Signal: PP074168.D\ECD2B.ch

#6 AR-1016-4

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 102945349
Conc: 961.95 ng/ml

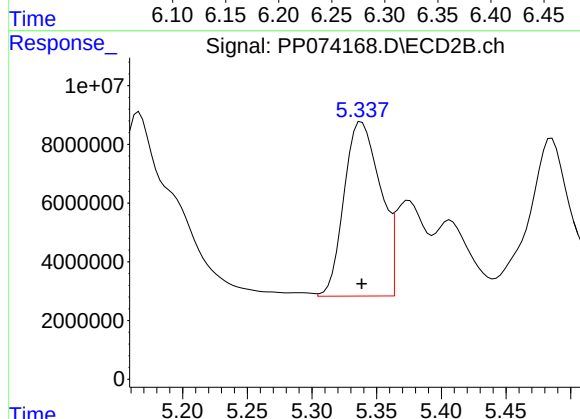
Time



#7 AR-1016-5

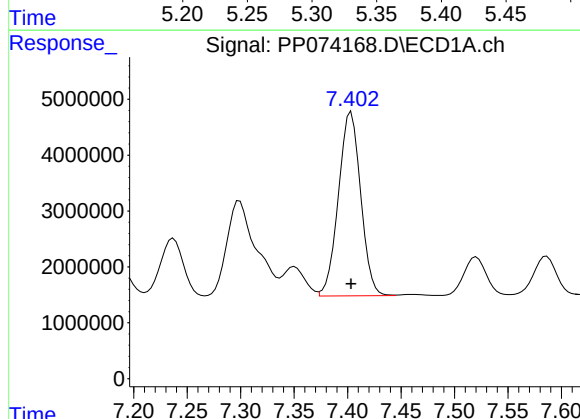
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 27690329
Conc: 936.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



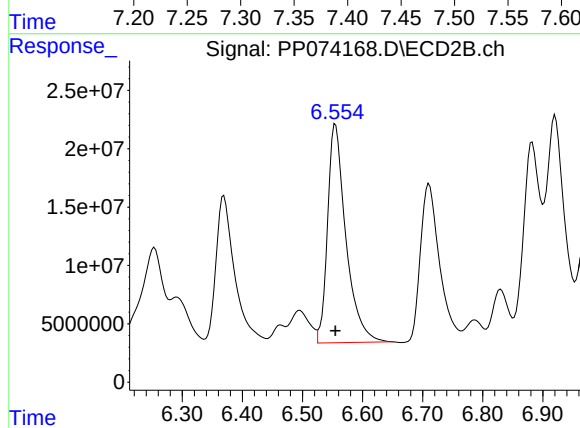
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 116097268
Conc: 989.15 ng/ml



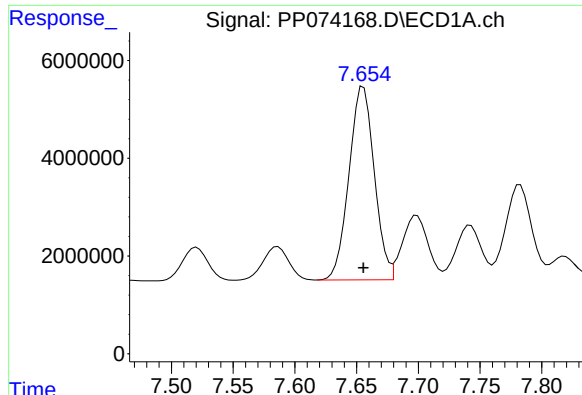
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 47709498
Conc: 936.84 ng/ml



#31 AR-1260-1

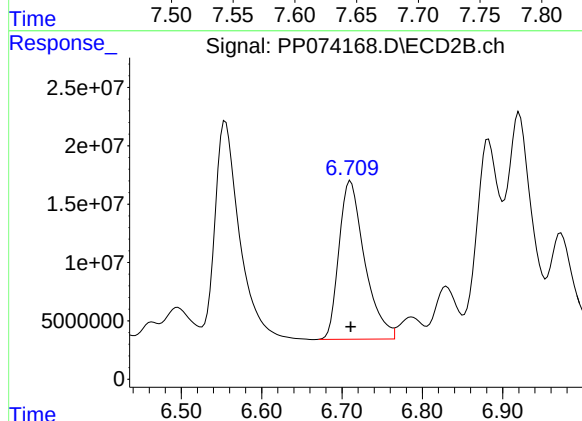
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 398303416
Conc: 990.77 ng/ml



#32 AR-1260-2

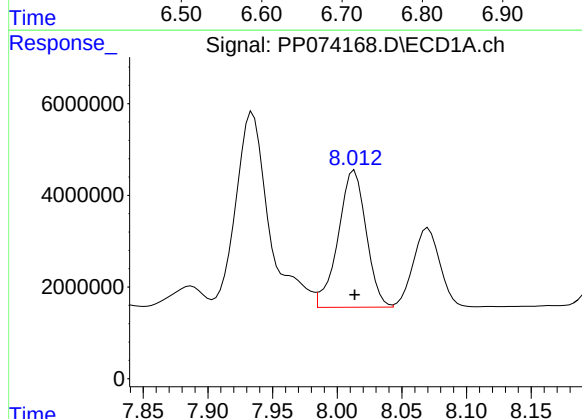
R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 56508230
Conc: 938.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000



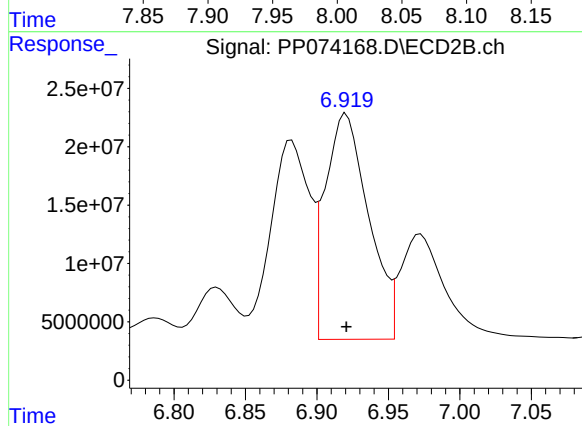
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 301304557
Conc: 988.58 ng/ml



#33 AR-1260-3

R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 45067030
Conc: 941.66 ng/ml

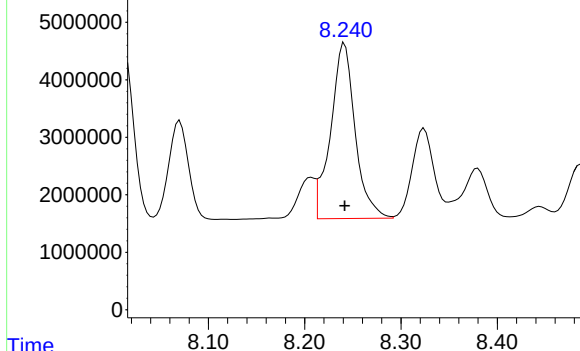


#33 AR-1260-3

R.T.: 6.921 min
Delta R.T.: 0.000 min
Response: 408378449
Conc: 1005.30 ng/ml

Response_ Signal: PP074168.D\ECD1A.ch

#34 AR-1260-4

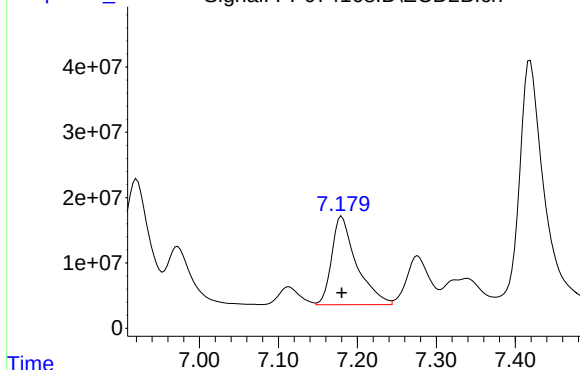


R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 54035441
Conc: 945.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC1000

Time Response_ Signal: PP074168.D\ECD2B.ch

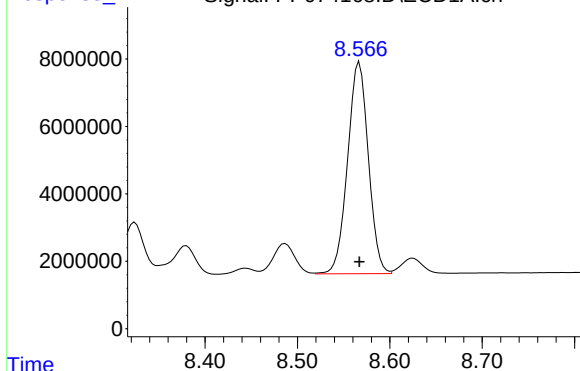
#34 AR-1260-4



R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 295359710
Conc: 982.08 ng/ml

Time Response_ Signal: PP074168.D\ECD1A.ch

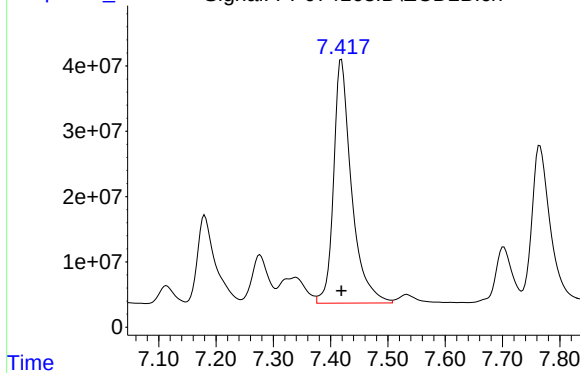
#35 AR-1260-5



R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 97992993
Conc: 952.63 ng/ml

Time Response_ Signal: PP074168.D\ECD2B.ch

#35 AR-1260-5



R.T.: 7.419 min
Delta R.T.: 0.000 min
Response: 811772813
Conc: 1011.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:22
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: Aug 01 13:07:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.662	3.804	77897765	315.7E6	75.160	76.312
2) SA Decachlor...	10.440	8.825	67100934	460.9E6	74.902	75.554
Target Compounds						
3) L1 AR-1016-1	5.814	4.904	28067752	299.1E6	753.089	747.493
4) L1 AR-1016-2	5.836	4.962	41399345	144.4E6	751.158	763.969
5) L1 AR-1016-3	5.898	5.082	26764173	79935245	750.553	757.223
6) L1 AR-1016-4	5.995	5.122	22190171	79932125	749.100	747.936
7) L1 AR-1016-5	6.288	5.337	22087671	88549883	748.037	752.960
31) L7 AR-1260-1	7.405	6.554	38166506	298.1E6	749.634	744.294
32) L7 AR-1260-2	7.658	6.709	45125165	231.1E6	749.634	755.513
33) L7 AR-1260-3	8.016	6.919	36092346	313.2E6	752.756	763.877
34) L7 AR-1260-4	8.244	7.178	42799948	225.0E6	749.270	748.680
35) L7 AR-1260-5	8.569	7.417	77207219	604.3E6	750.374	751.765

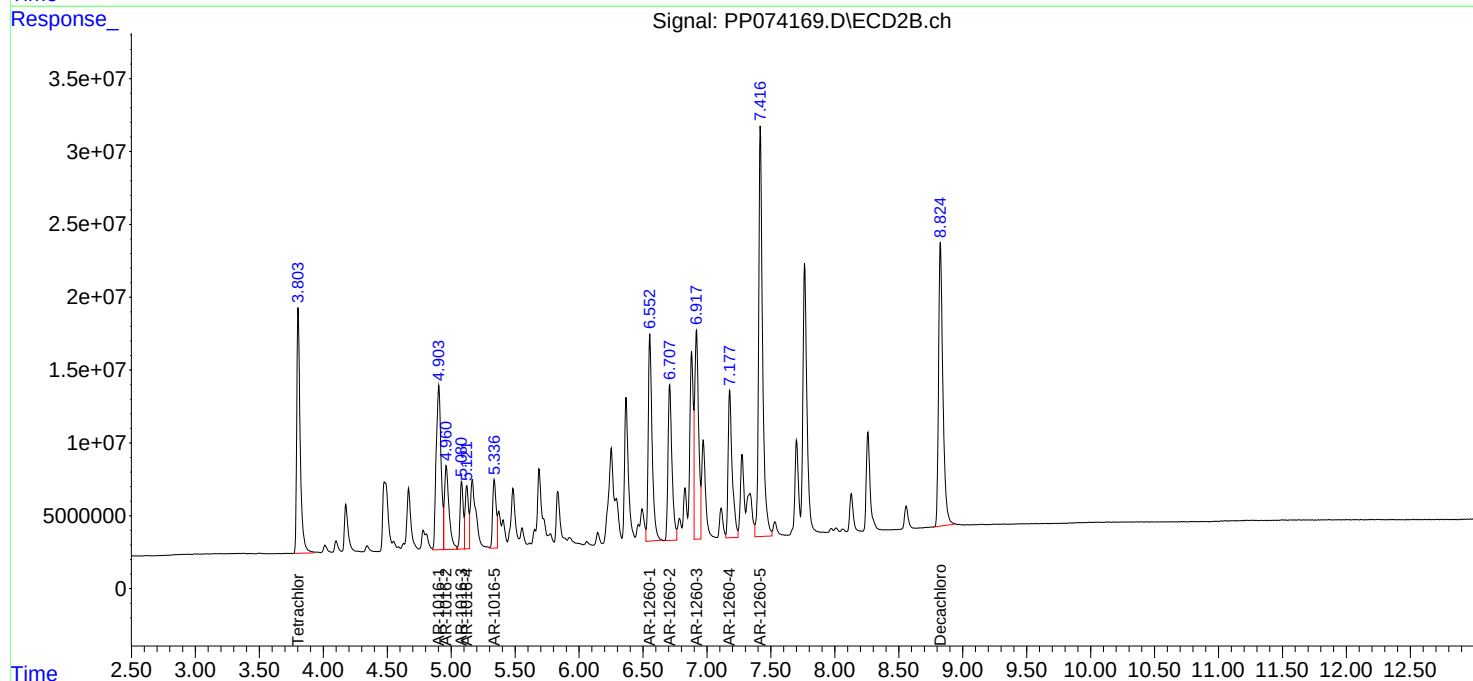
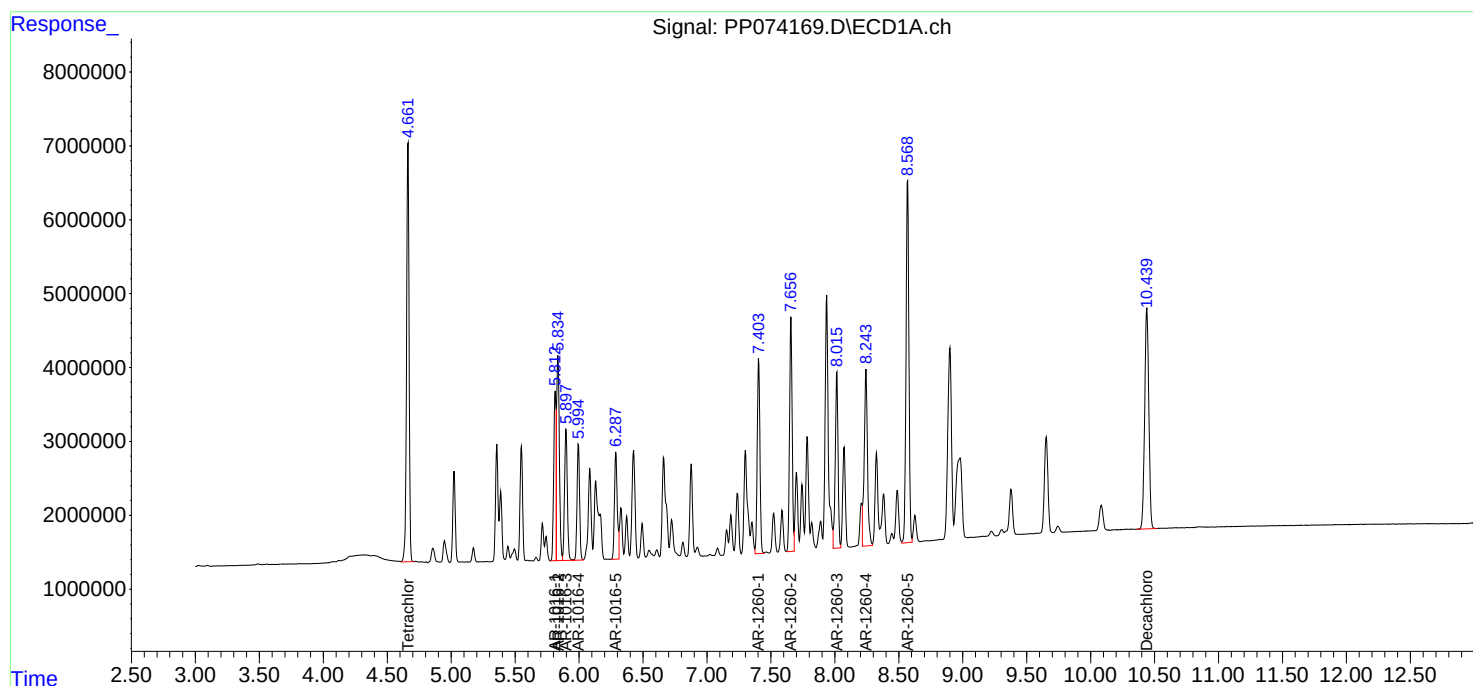
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

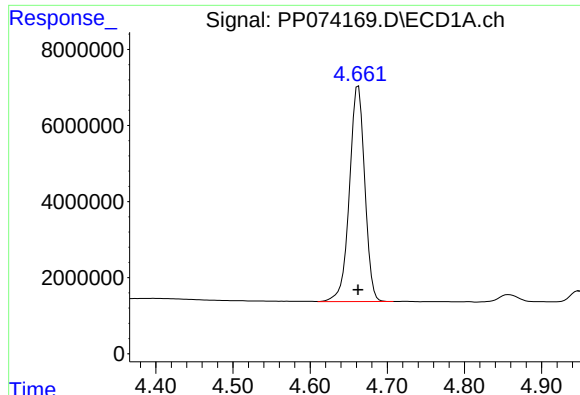
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074169.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:22
Operator : YP\AJ
Sample : AR1660ICC750
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:07:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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

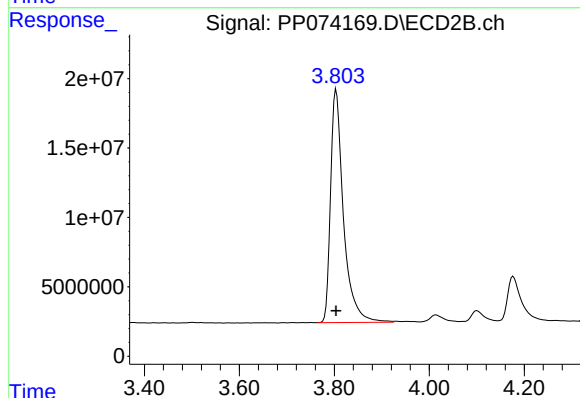




#1 Tetrachloro-m-xylene

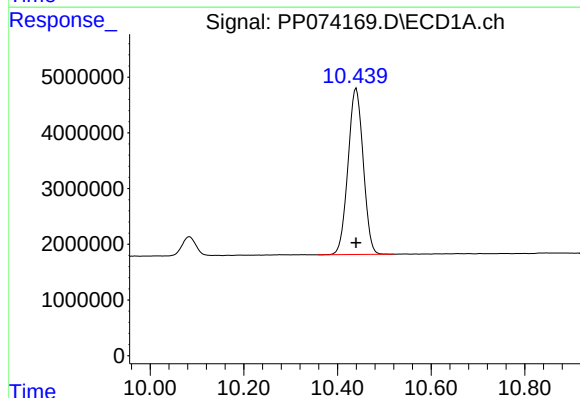
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 77897765
Conc: 75.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



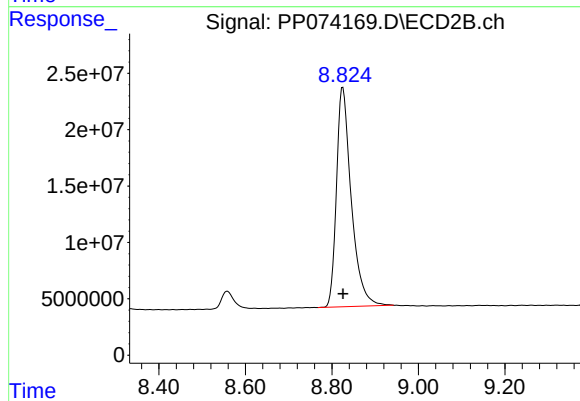
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 315712997
Conc: 76.31 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: 0.000 min
Response: 67100934
Conc: 74.90 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 460912386
Conc: 75.55 ng/ml

Response_ Signal: PP074169.D\ECD1A.ch

#3 AR-1016-1

R.T.: 5.814 min
Delta R.T.: 0.000 min
Response: 28067752
Conc: 753.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Time

Response_ Signal: PP074169.D\ECD2B.ch

#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 299118456
Conc: 747.49 ng/ml

Time

Response_ Signal: PP074169.D\ECD1A.ch

#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 41399345
Conc: 751.16 ng/ml

Time

Response_ Signal: PP074169.D\ECD2B.ch

#4 AR-1016-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 144371644
Conc: 763.97 ng/ml

Time

Response_ Signal: PP074169.D\ECD1A.ch

#5 AR-1016-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 26764173
Conc: 750.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750

Time

Response_ Signal: PP074169.D\ECD2B.ch

#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 79935245
Conc: 757.22 ng/ml

Time

Response_ Signal: PP074169.D\ECD1A.ch

#6 AR-1016-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 22190171
Conc: 749.10 ng/ml

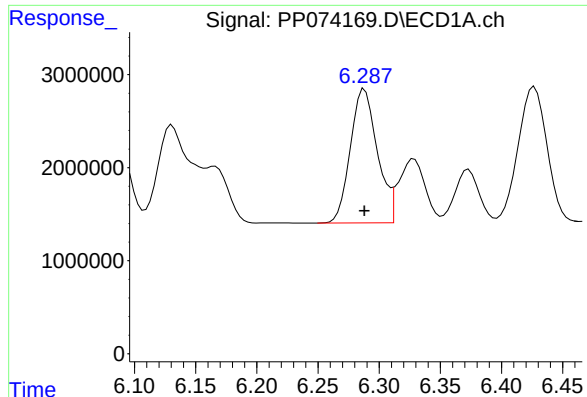
Time

Response_ Signal: PP074169.D\ECD2B.ch

#6 AR-1016-4

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 79932125
Conc: 747.94 ng/ml

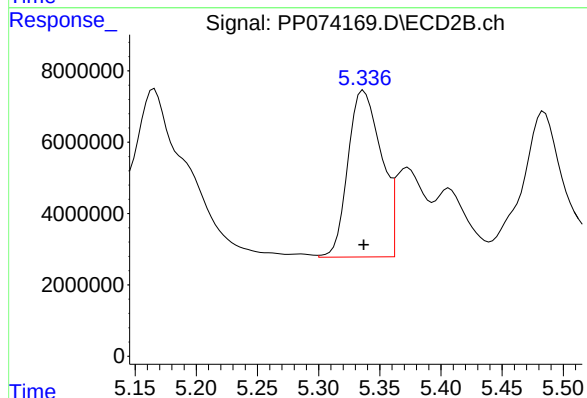
Time



#7 AR-1016-5

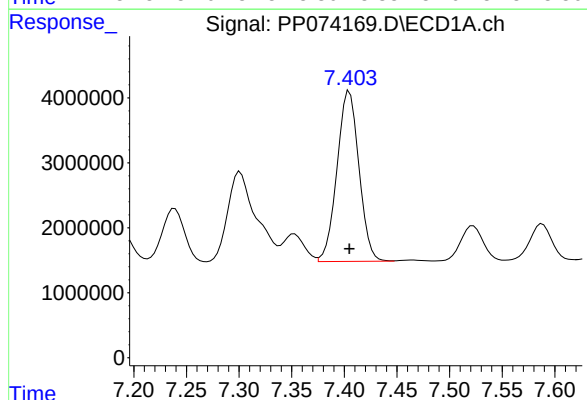
R.T.: 6.288 min
Delta R.T.: 0.000 min
Response: 22087671
Conc: 748.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



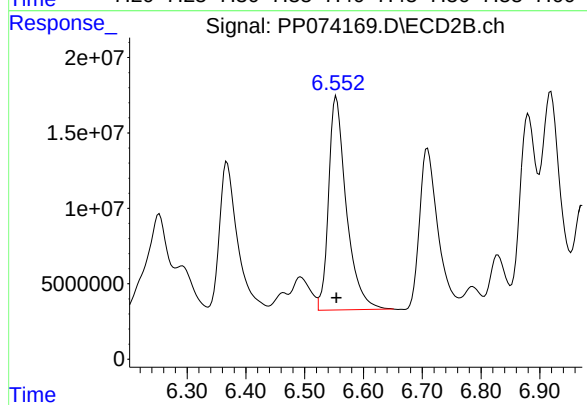
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 88549883
Conc: 752.96 ng/ml



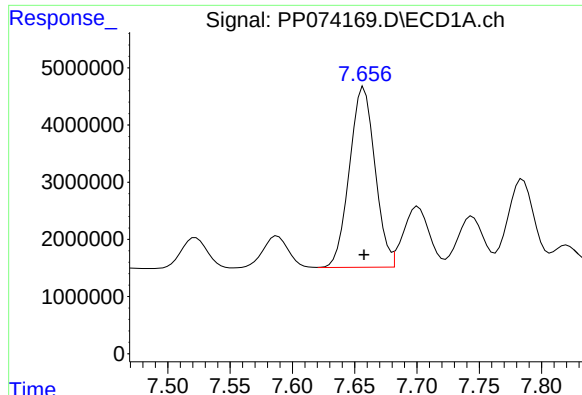
#31 AR-1260-1

R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 38166506
Conc: 749.63 ng/ml



#31 AR-1260-1

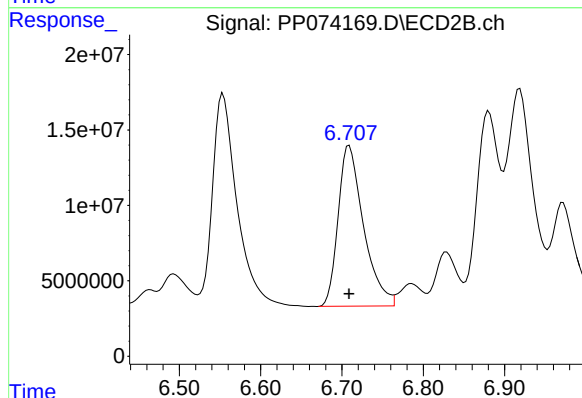
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 298083093
Conc: 744.29 ng/ml



#32 AR-1260-2

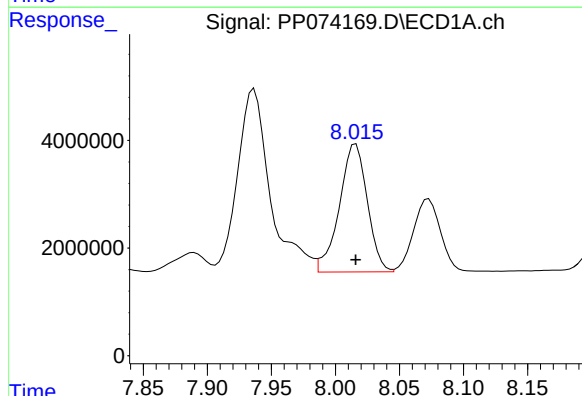
R.T.: 7.658 min
Delta R.T.: 0.000 min
Response: 45125165
Conc: 749.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



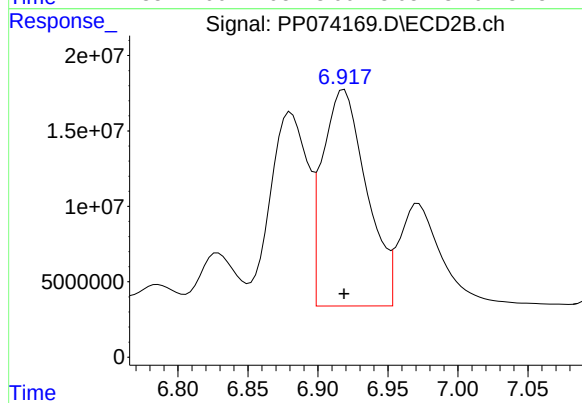
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 231118644
Conc: 755.51 ng/ml



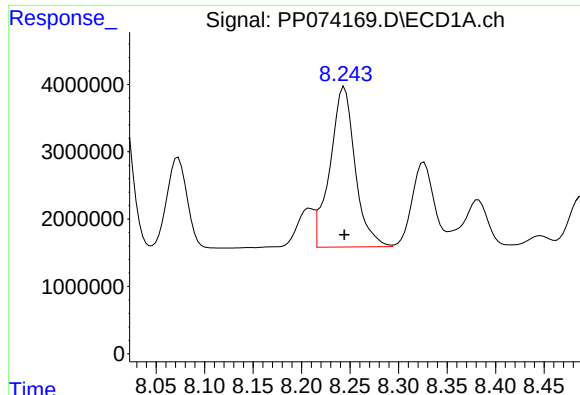
#33 AR-1260-3

R.T.: 8.016 min
Delta R.T.: 0.000 min
Response: 36092346
Conc: 752.76 ng/ml



#33 AR-1260-3

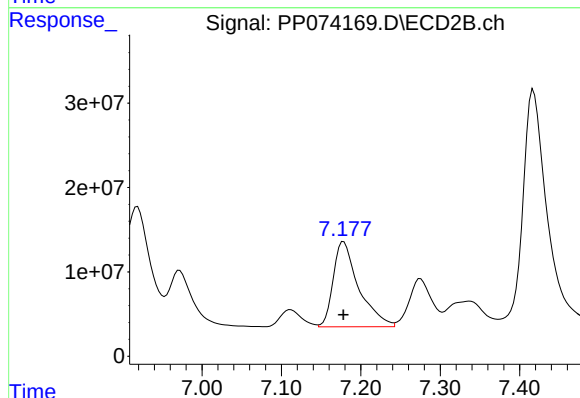
R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 313202341
Conc: 763.88 ng/ml



#34 AR-1260-4

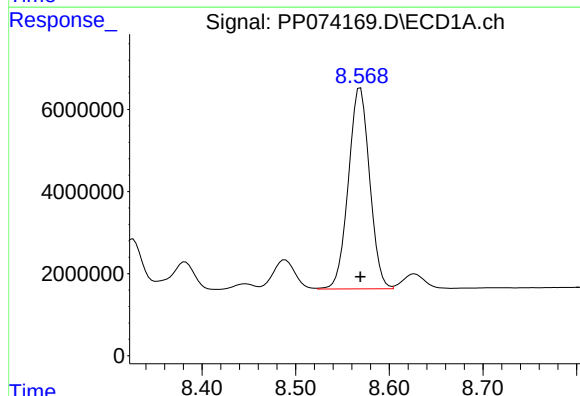
R.T.: 8.244 min
Delta R.T.: 0.000 min
Response: 42799948
Conc: 749.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC750



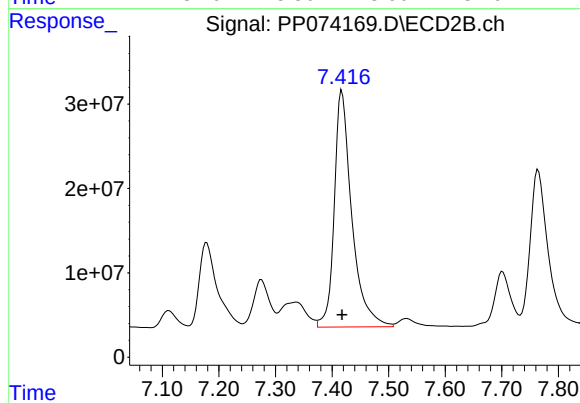
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 224966109
Conc: 748.68 ng/ml



#35 AR-1260-5

R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 77207219
Conc: 750.37 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 604335110
Conc: 751.76 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:38
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: Aug 01 13:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.805	53802576	199.9E6	50.000	50.000
2) SA Decachlor...	10.438	8.826	47022042	303.2E6	50.000	50.000
Target Compounds						
3) L1 AR-1016-1	5.812	4.906	19556469	200.0E6	500.000	500.000
4) L1 AR-1016-2	5.833	4.963	29173644	93788708	500.000	500.000
5) L1 AR-1016-3	5.896	5.083	18934969	53031224	500.000	500.000
6) L1 AR-1016-4	5.993	5.123	15743832	55544690	500.000	500.000
7) L1 AR-1016-5	6.286	5.339	15720965	59321598	500.000	500.000
31) L7 AR-1260-1	7.403	6.555	27071230	202.9E6	500.000	500.000
32) L7 AR-1260-2	7.655	6.709	31956798	154.1E6	500.000	500.000
33) L7 AR-1260-3	8.013	6.919	25325364	202.0E6	500.000	500.000
34) L7 AR-1260-4	8.242	7.179	30132251	153.1E6	500.000	500.000
35) L7 AR-1260-5	8.568	7.418	53869434	397.1E6	500.000	500.000

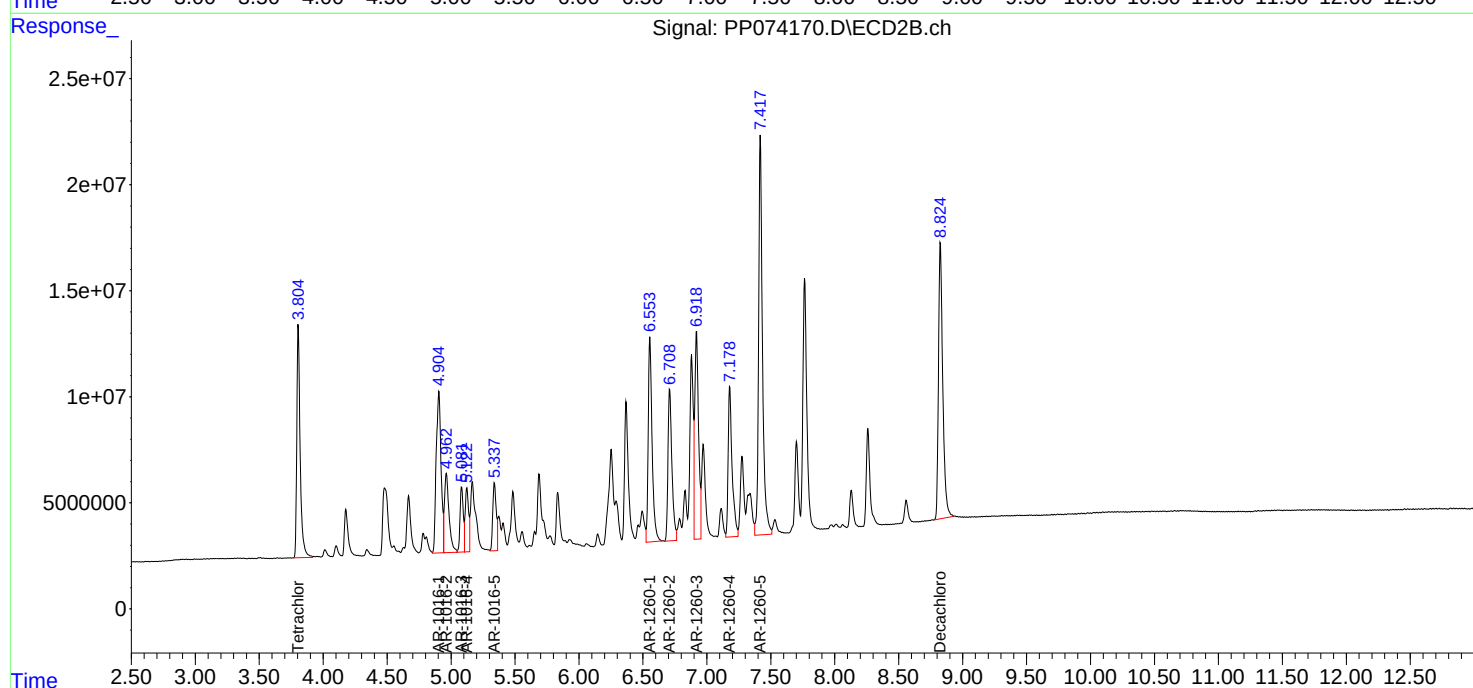
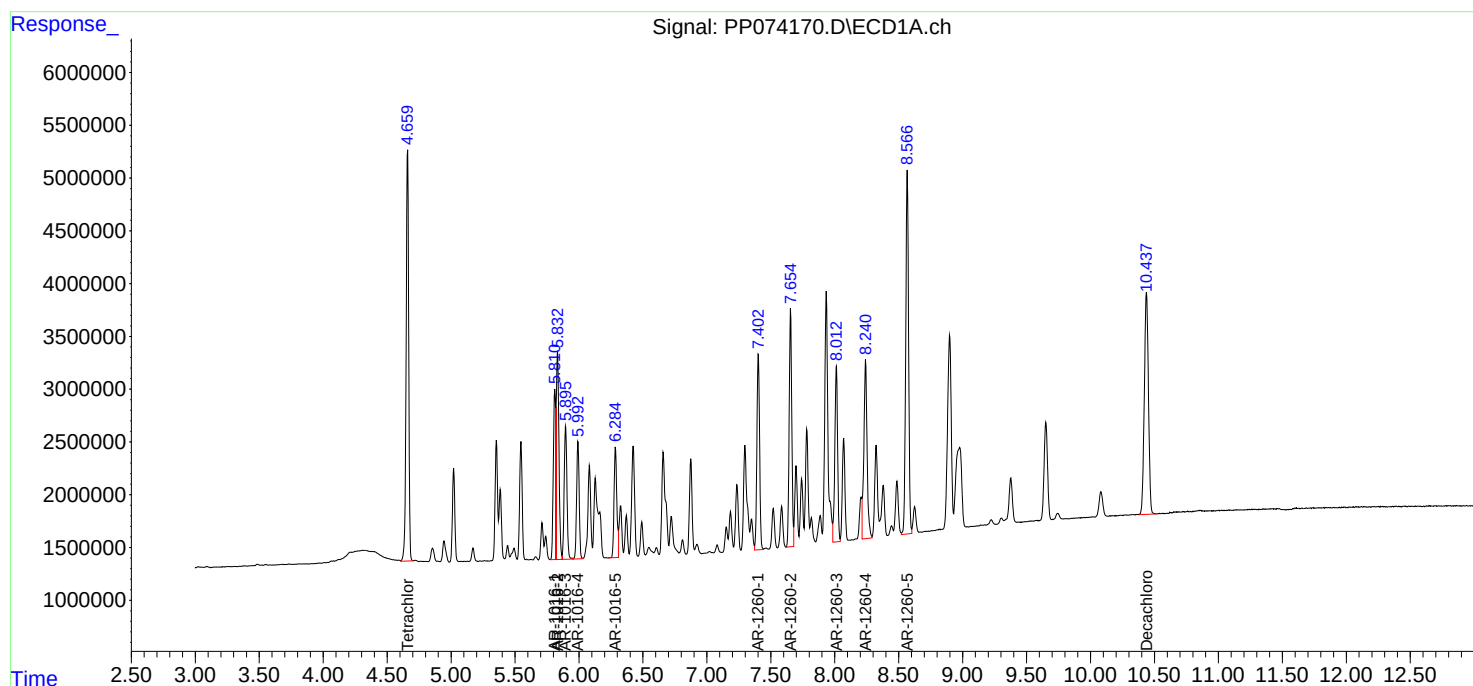
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

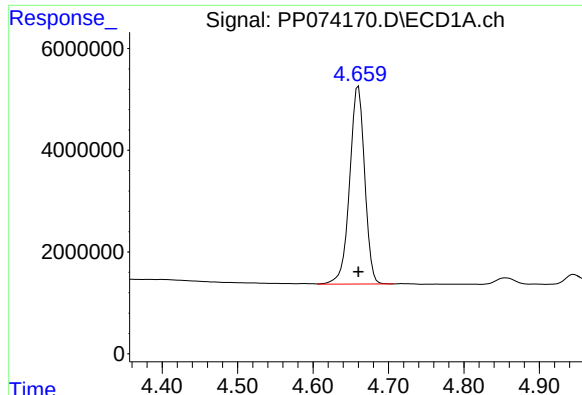
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074170.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:38
Operator : YP\AJ
Sample : AR1660ICC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:02:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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

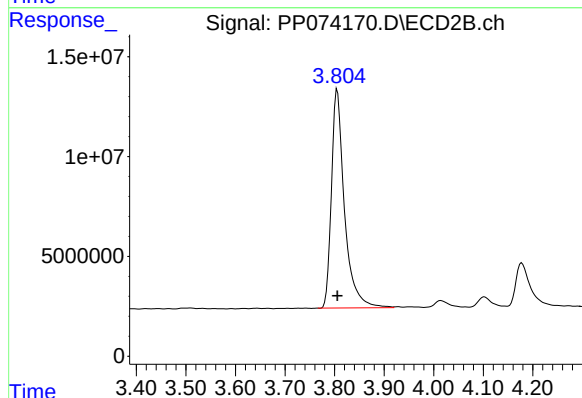




#1 Tetrachloro-m-xylene

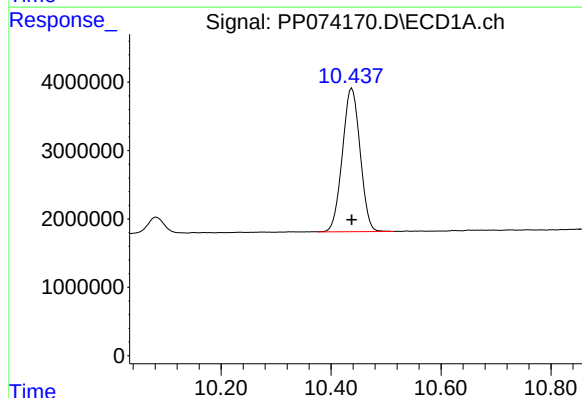
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 53802576
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



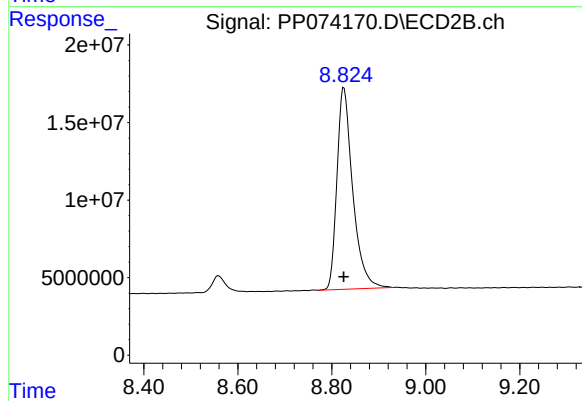
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 199858395
Conc: 50.00 ng/ml



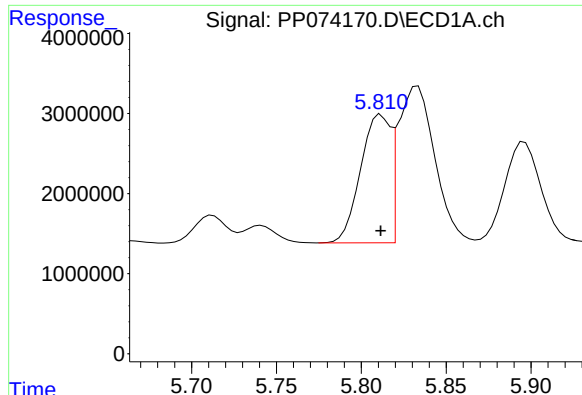
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 47022042
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

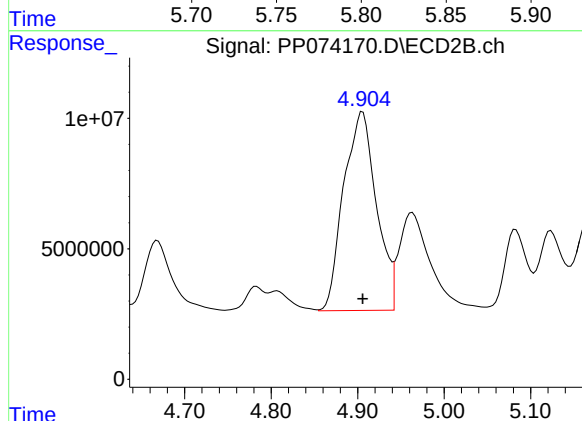
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 303238754
Conc: 50.00 ng/ml



#3 AR-1016-1

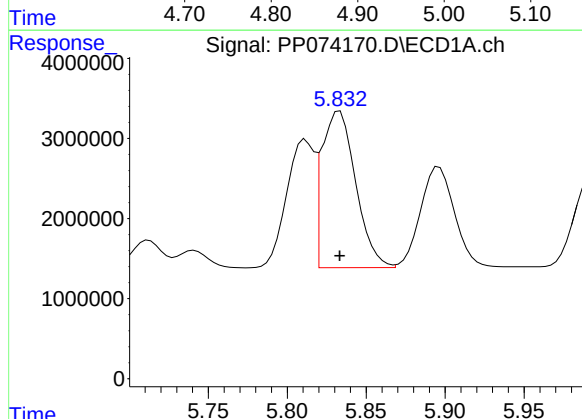
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 19556469
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



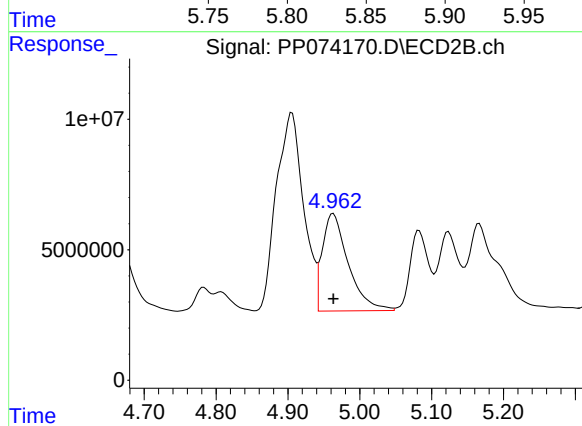
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 199956180
Conc: 500.00 ng/ml



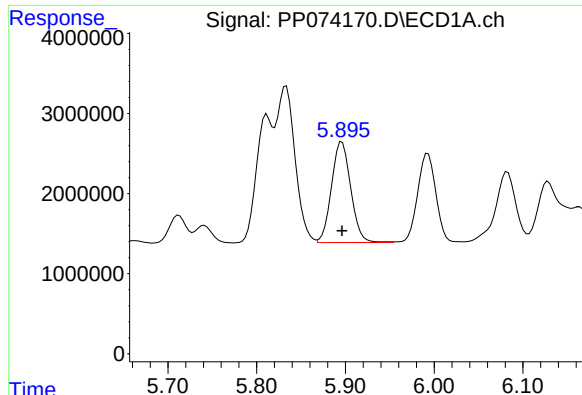
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 29173644
Conc: 500.00 ng/ml



#4 AR-1016-2

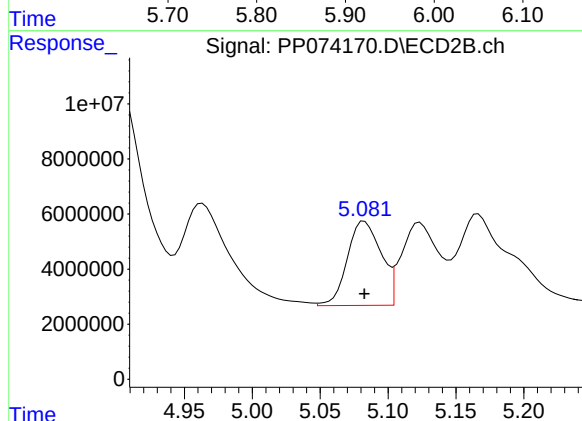
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 93788708
Conc: 500.00 ng/ml



#5 AR-1016-3

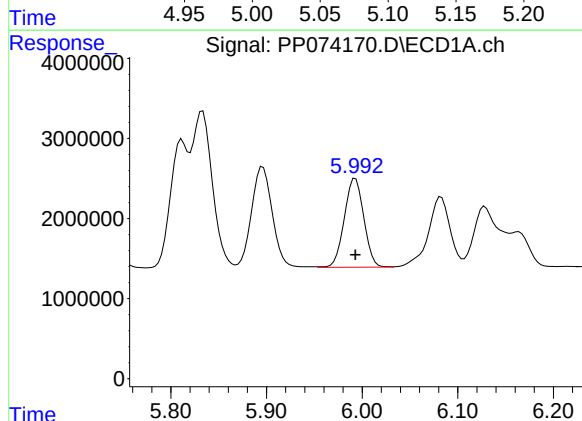
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 18934969
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



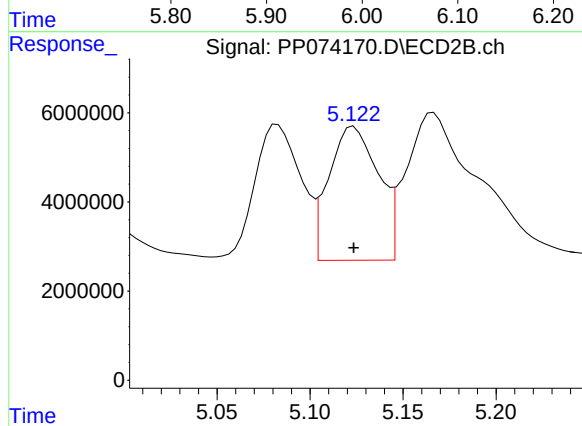
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 53031224
Conc: 500.00 ng/ml



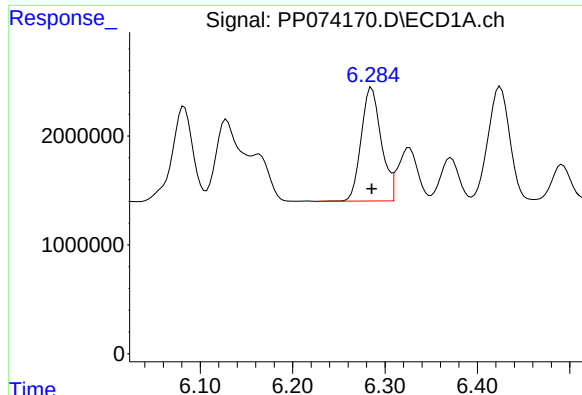
#6 AR-1016-4

R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 15743832
Conc: 500.00 ng/ml



#6 AR-1016-4

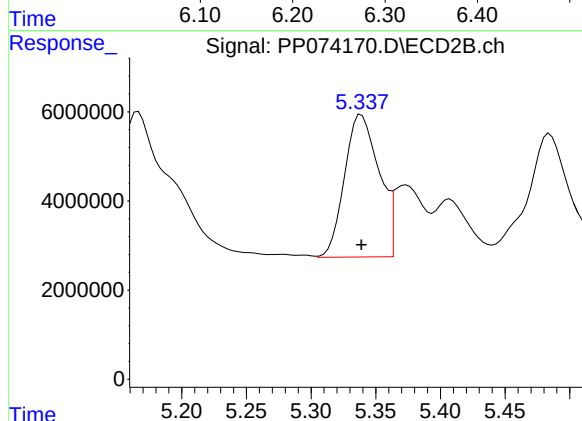
R.T.: 5.123 min
Delta R.T.: 0.000 min
Response: 55544690
Conc: 500.00 ng/ml



#7 AR-1016-5

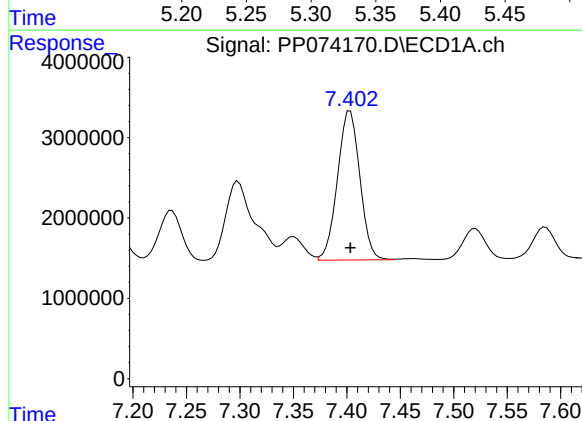
R.T.: 6.286 min
Delta R.T.: 0.000 min
Response: 15720965
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



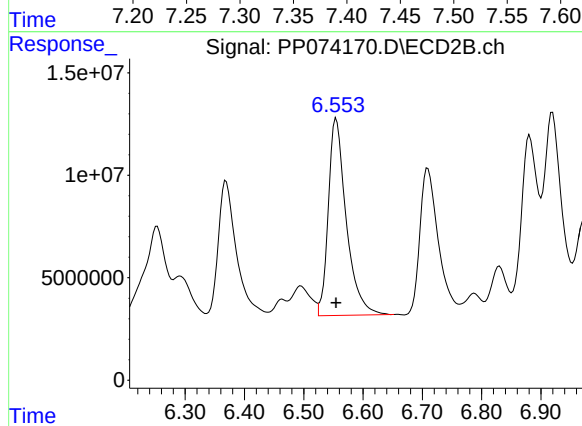
#7 AR-1016-5

R.T.: 5.339 min
Delta R.T.: 0.000 min
Response: 59321598
Conc: 500.00 ng/ml



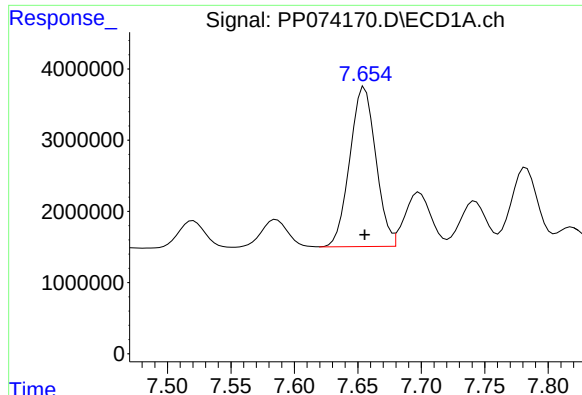
#31 AR-1260-1

R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 27071230
Conc: 500.00 ng/ml



#31 AR-1260-1

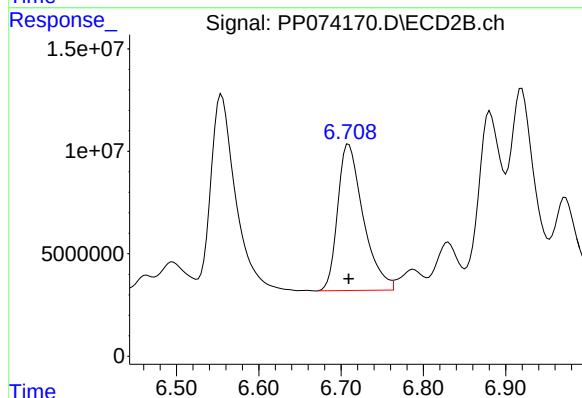
R.T.: 6.555 min
Delta R.T.: 0.000 min
Response: 202862910
Conc: 500.00 ng/ml



#32 AR-1260-2

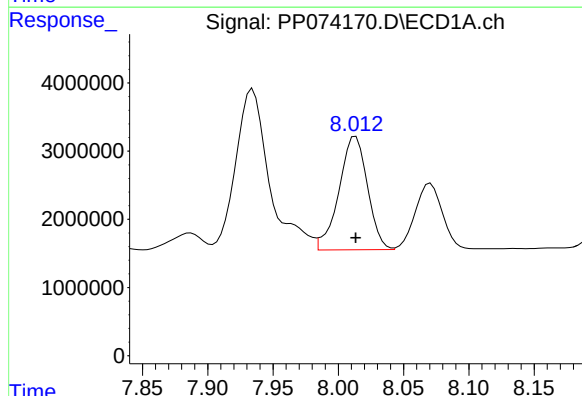
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 31956798
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500



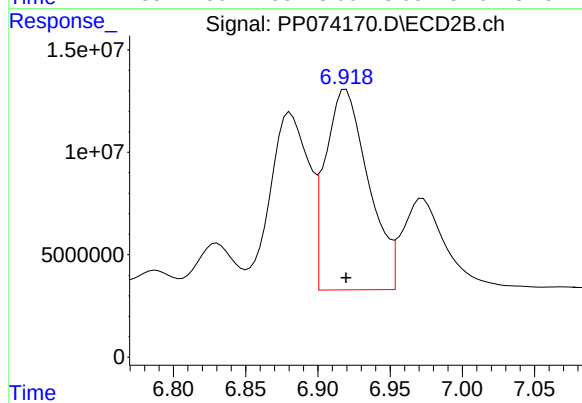
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 154133075
Conc: 500.00 ng/ml



#33 AR-1260-3

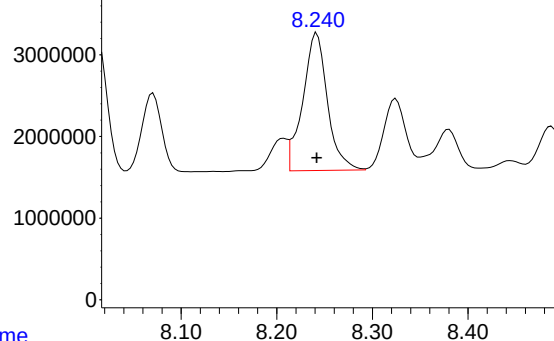
R.T.: 8.013 min
Delta R.T.: 0.000 min
Response: 25325364
Conc: 500.00 ng/ml



#33 AR-1260-3

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 202034308
Conc: 500.00 ng/ml

Response_ Signal: PP074170.D\ECD1A.ch

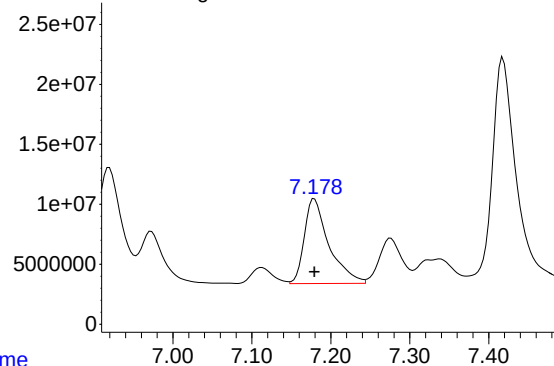


#34 AR-1260-4

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 30132251
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC500

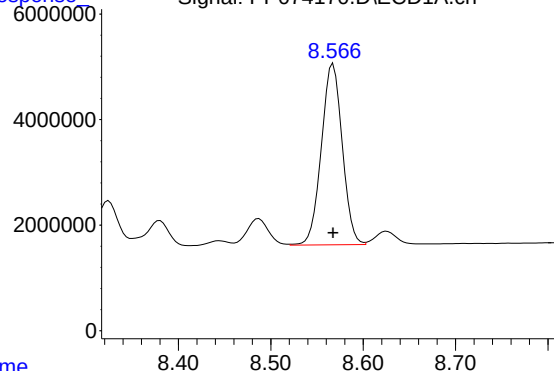
Time Response_ Signal: PP074170.D\ECD2B.ch



#34 AR-1260-4

R.T.: 7.179 min
Delta R.T.: 0.000 min
Response: 153068301
Conc: 500.00 ng/ml

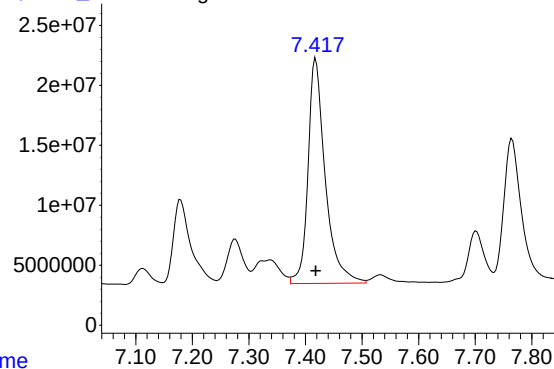
Time Response_ Signal: PP074170.D\ECD1A.ch



#35 AR-1260-5

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 53869434
Conc: 500.00 ng/ml

Time Response_ Signal: PP074170.D\ECD2B.ch



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 397056043
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.807	28863110	91466480	27.077	22.767
2) SA Decachlor...	10.435	8.827	25421801	149.8E6	27.450	24.664
Target Compounds						
3) L1 AR-1016-1	5.810	4.907	10964759	100.9E6	281.744	251.671
4) L1 AR-1016-2	5.832	4.965	16172490	49571013	281.221	259.123
5) L1 AR-1016-3	5.895	5.085	10675549	28731399	285.290	266.268
6) L1 AR-1016-4	5.991	5.126	8965609	27406022	287.521	254.800
7) L1 AR-1016-5	6.282	5.340	8901636	29720771	287.291m	252.036
31) L7 AR-1260-1	7.399	6.557	14779955	109.5E6	277.879m	267.207
32) L7 AR-1260-2	7.652	6.711	17850337	76433717	284.356m	249.893
33) L7 AR-1260-3	8.011	6.922	14251387	95830018	283.827	237.590
34) L7 AR-1260-4	8.240	7.182	16666094	70195428	280.066	237.501
35) L7 AR-1260-5	8.565	7.421	29333116	183.1E6	275.424	232.969

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

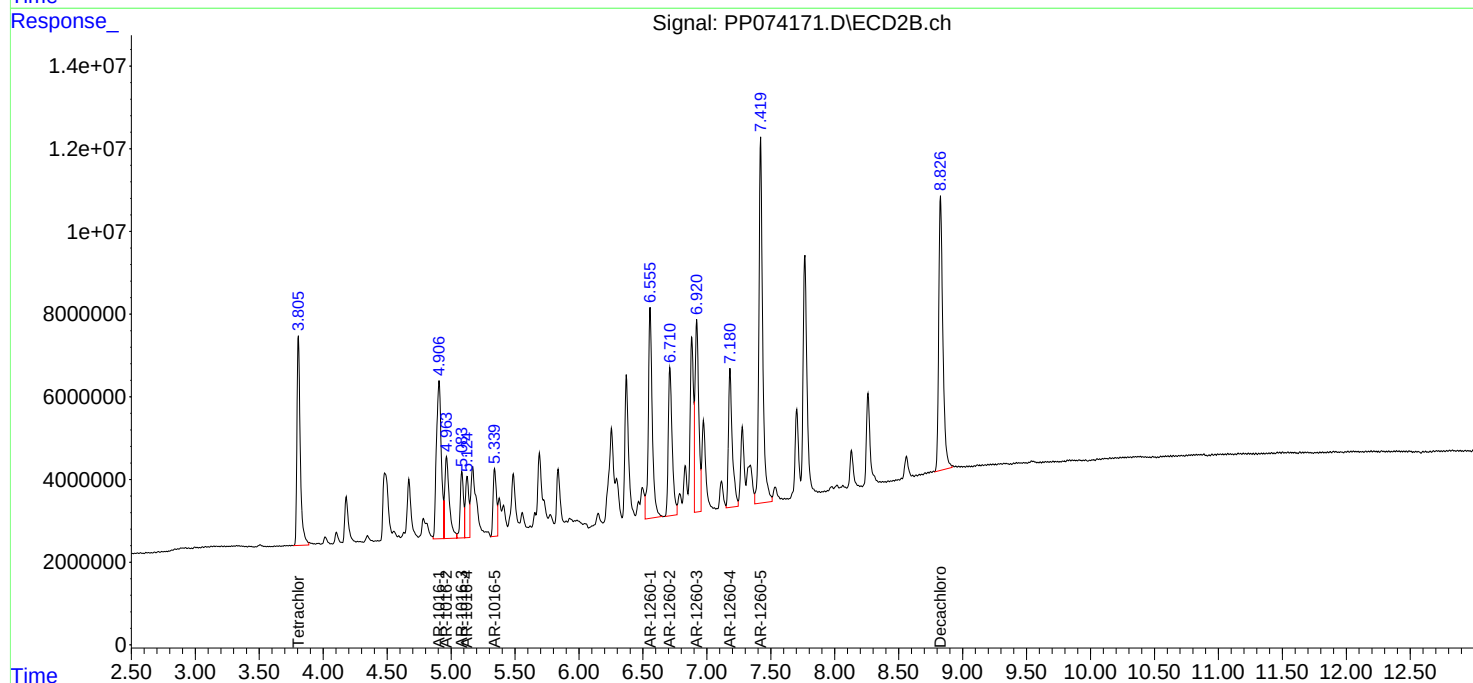
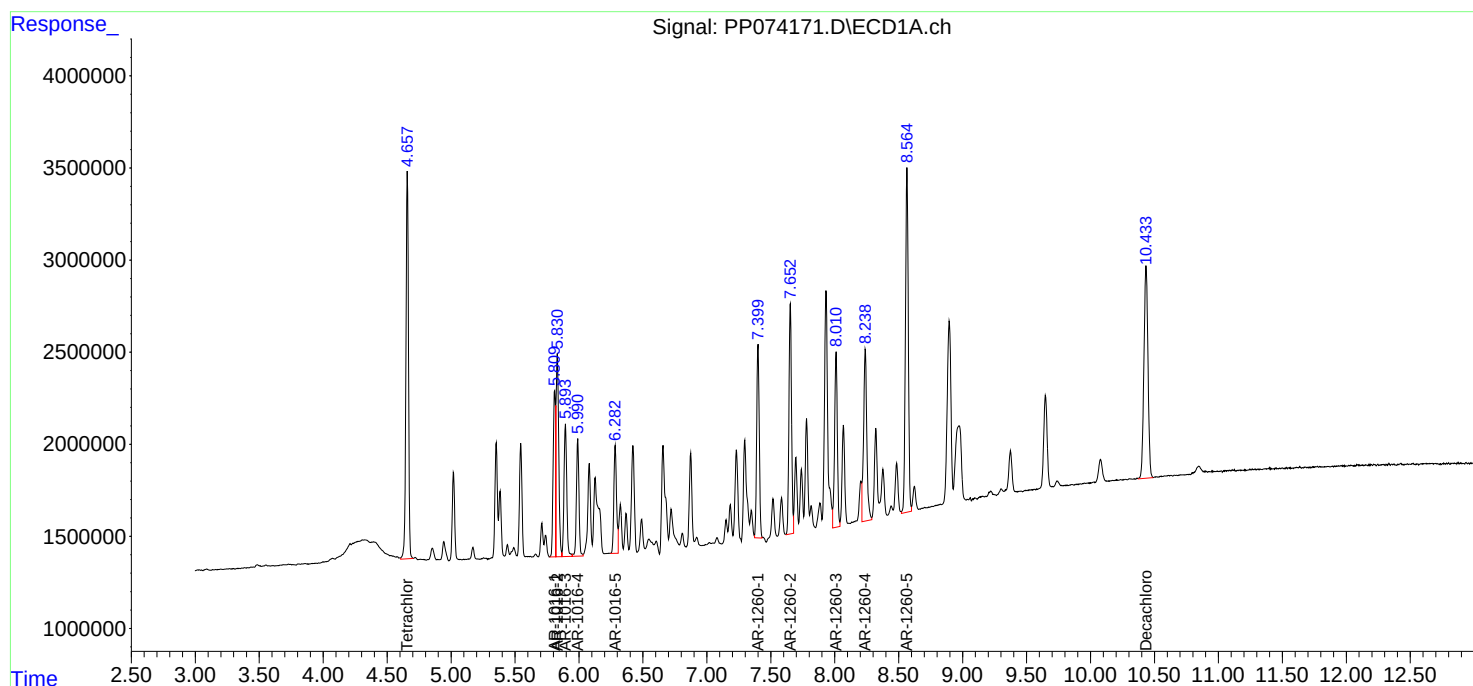
Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

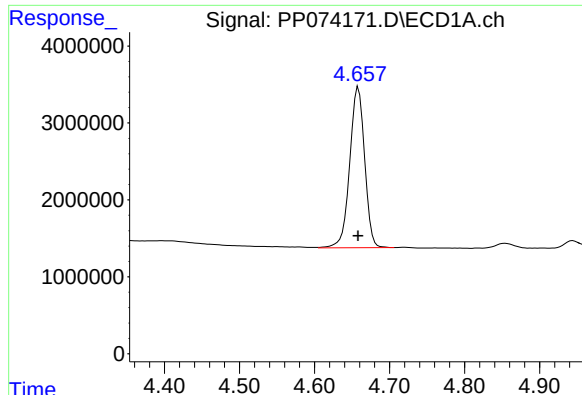
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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





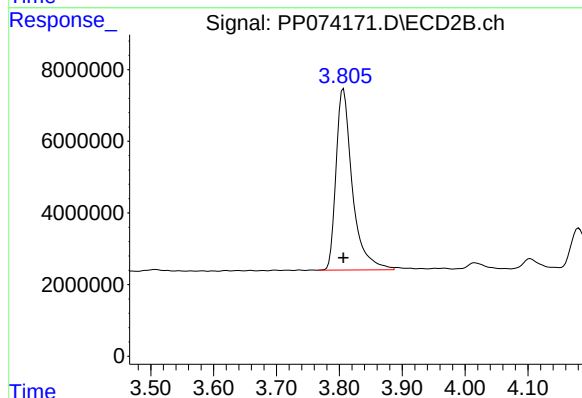
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

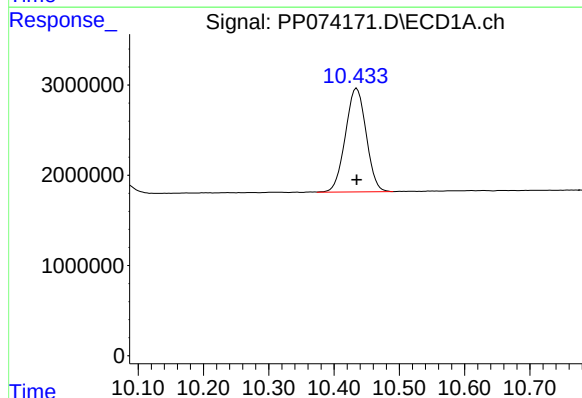
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



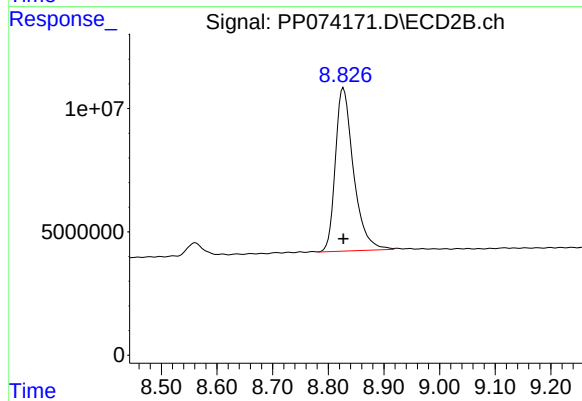
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml

Response_ Signal: PP074171.D\ECD1A.ch

#3 AR-1016-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Time Response_ Signal: PP074171.D\ECD2B.ch

#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml

Time Response_ Signal: PP074171.D\ECD1A.ch

#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml

Time Response_ Signal: PP074171.D\ECD2B.ch

#4 AR-1016-2

R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml

Response_ Signal: PP074171.D\ECD1A.ch

#5 AR-1016-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Time

Response_ Signal: PP074171.D\ECD2B.ch

#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml

Time

Response_ Signal: PP074171.D\ECD1A.ch

#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml

Time

Response_ Signal: PP074171.D\ECD2B.ch

#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml

Time

Response_ Signal: PP074171.D\ECD1A.ch

#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml

Time

Response_ Signal: PP074171.D\ECD2B.ch

#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml

Time

Response_ Signal: PP074171.D\ECD1A.ch

#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml

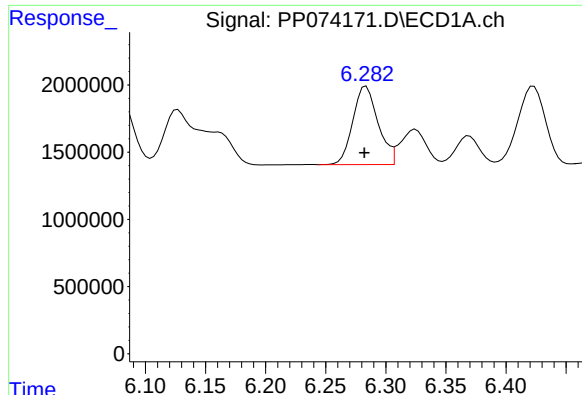
Time

Response_ Signal: PP074171.D\ECD2B.ch

#6 AR-1016-4

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml

Time



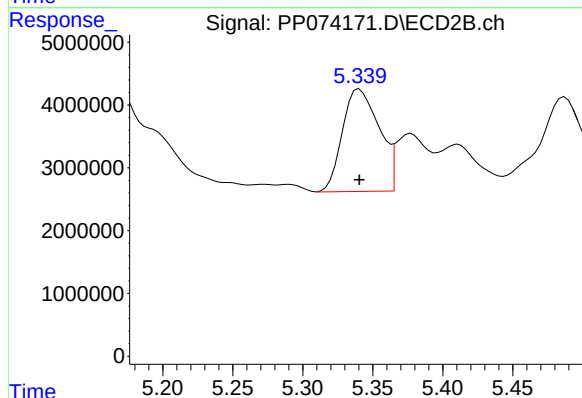
#7 AR-1016-5

R.T.: 6.282 min
Delta R.T.: 0.000 min
Response: 8901636
Conc: 287.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

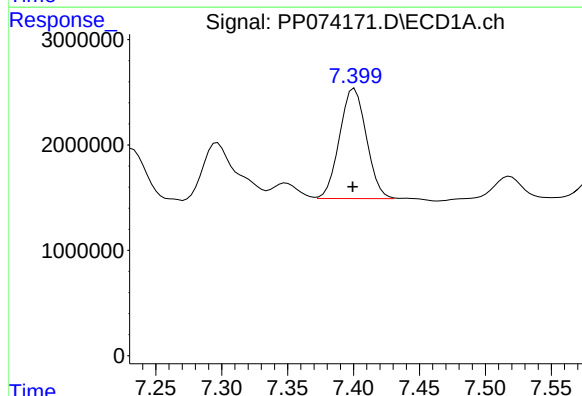
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



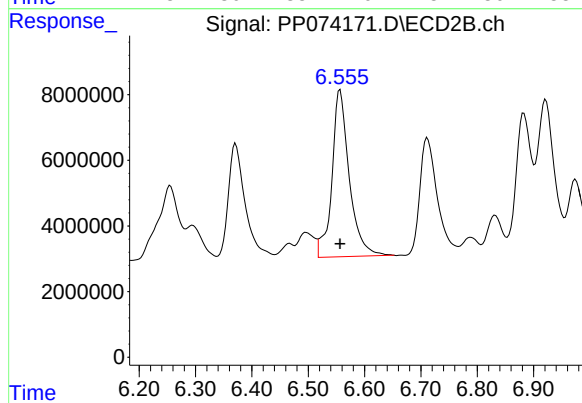
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



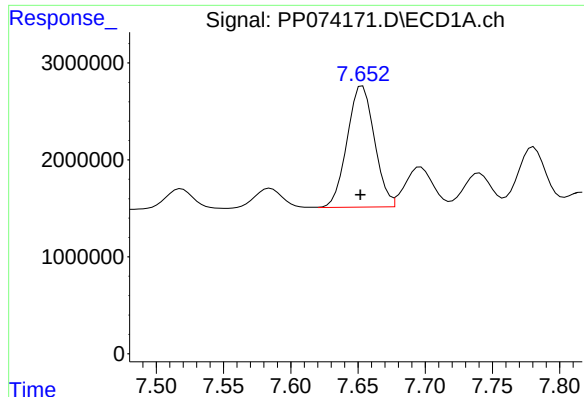
#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: 0.000 min
Response: 14779955
Conc: 277.88 ng/ml m



#31 AR-1260-1

R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



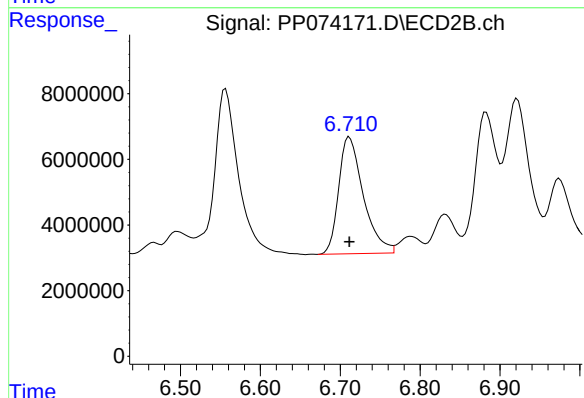
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 17850337
Conc: 284.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

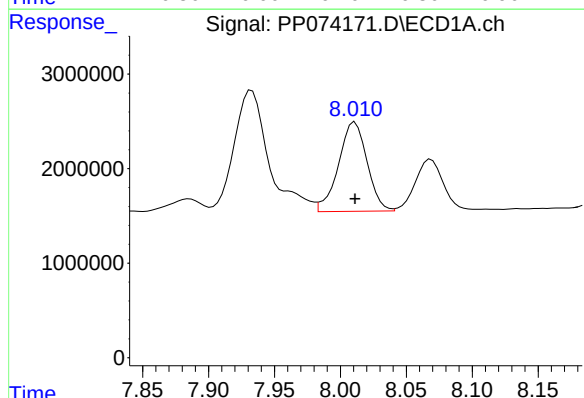
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



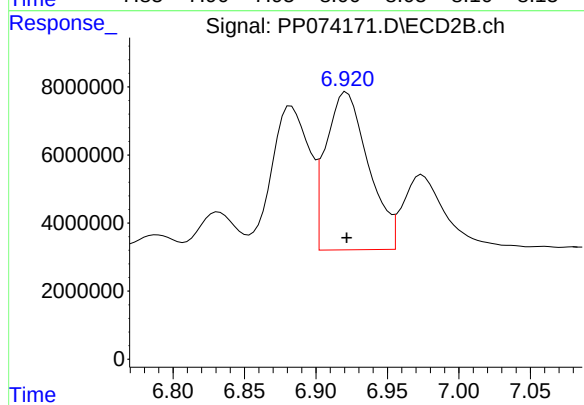
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



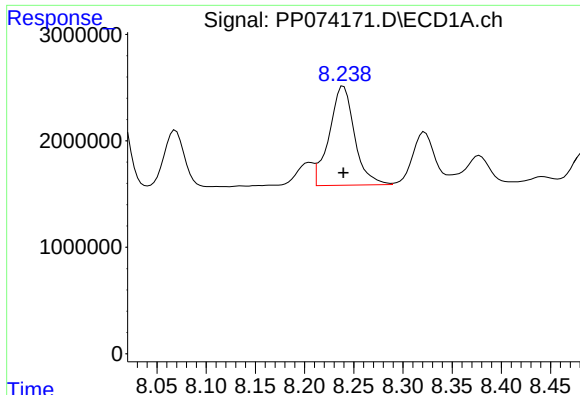
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



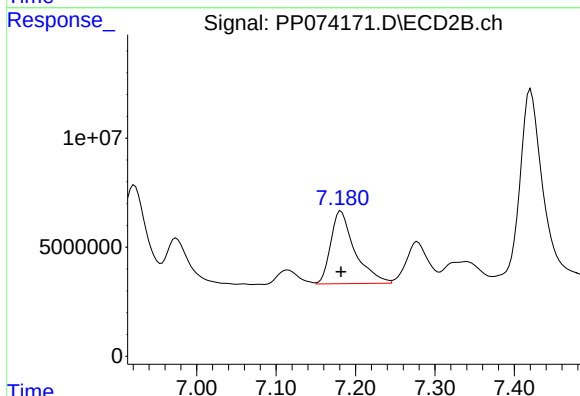
#34 AR-1260-4

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

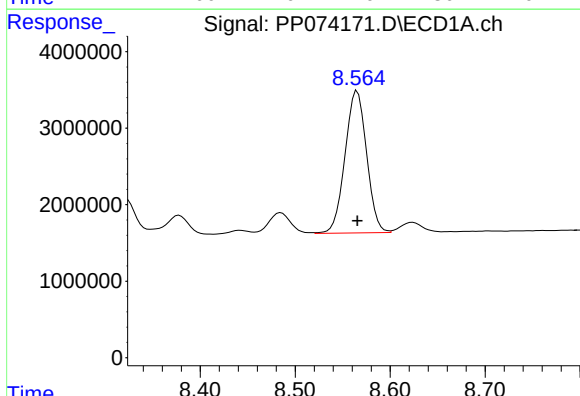
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



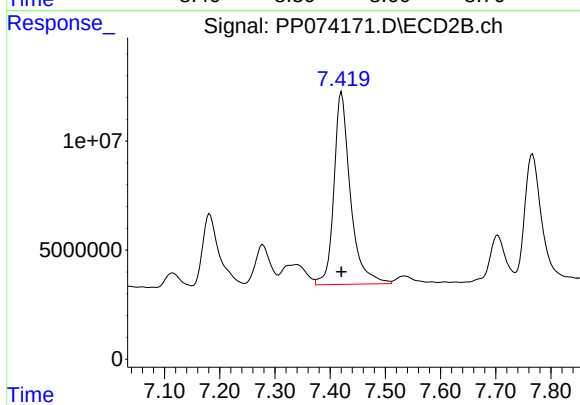
#34 AR-1260-4

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 70195428
Conc: 237.50 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 29333116
Conc: 275.42 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 183122844
Conc: 232.97 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 13:42
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 13:58:51 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 13:58:39 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.804	6638630	15510226	5.935m	4.043m#
2) SA Decachlor...	10.437	8.827	5756903	28876514	5.928	4.802
Target Compounds						
3) L1 AR-1016-1	5.813	4.906	2530723	19510776	61.341	48.913
4) L1 AR-1016-2	5.835	4.966	3683827	8691681	60.647	46.279
5) L1 AR-1016-3	5.897	5.084	2431131	4936579	61.299	46.541
6) L1 AR-1016-4	5.994	5.124	1899628	5793266	58.370	53.042
7) L1 AR-1016-5	6.287	5.341	1907560	5656312	58.752	48.360
31) L7 AR-1260-1	7.404	6.556	3495993	19010301	62.034	47.060
32) L7 AR-1260-2	7.656	6.709	4438588	17001537	64.615m	54.991m
33) L7 AR-1260-3	8.015	6.920	3281661	17861059	61.574	45.319 #
34) L7 AR-1260-4	8.242	7.180	3752198	13633196	59.829m	46.853
35) L7 AR-1260-5	8.568	7.418	7025863	32144633	62.008	42.440 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074172.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:42
Operator : YP\AJ
Sample : AR1660ICC050
Misc :
ALS Vial : 50 Sample Multiplier: 1

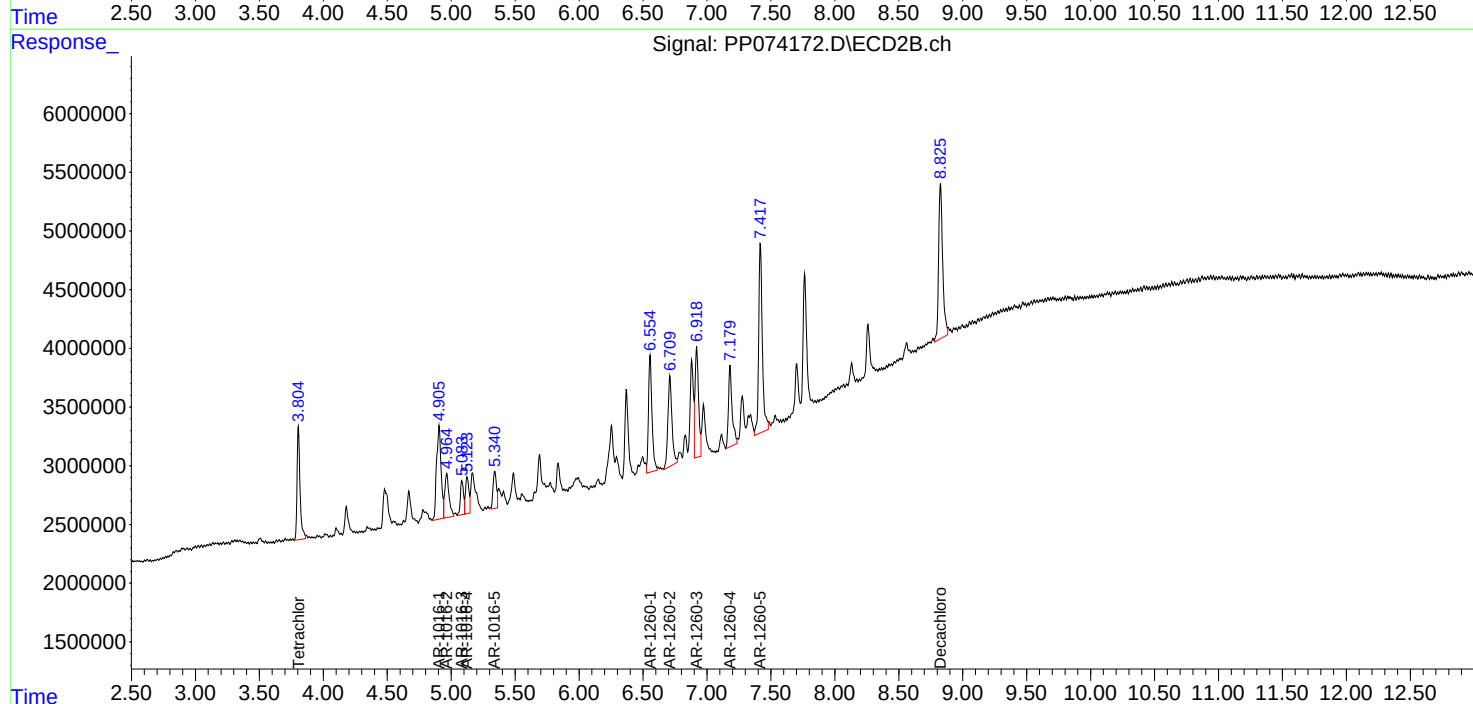
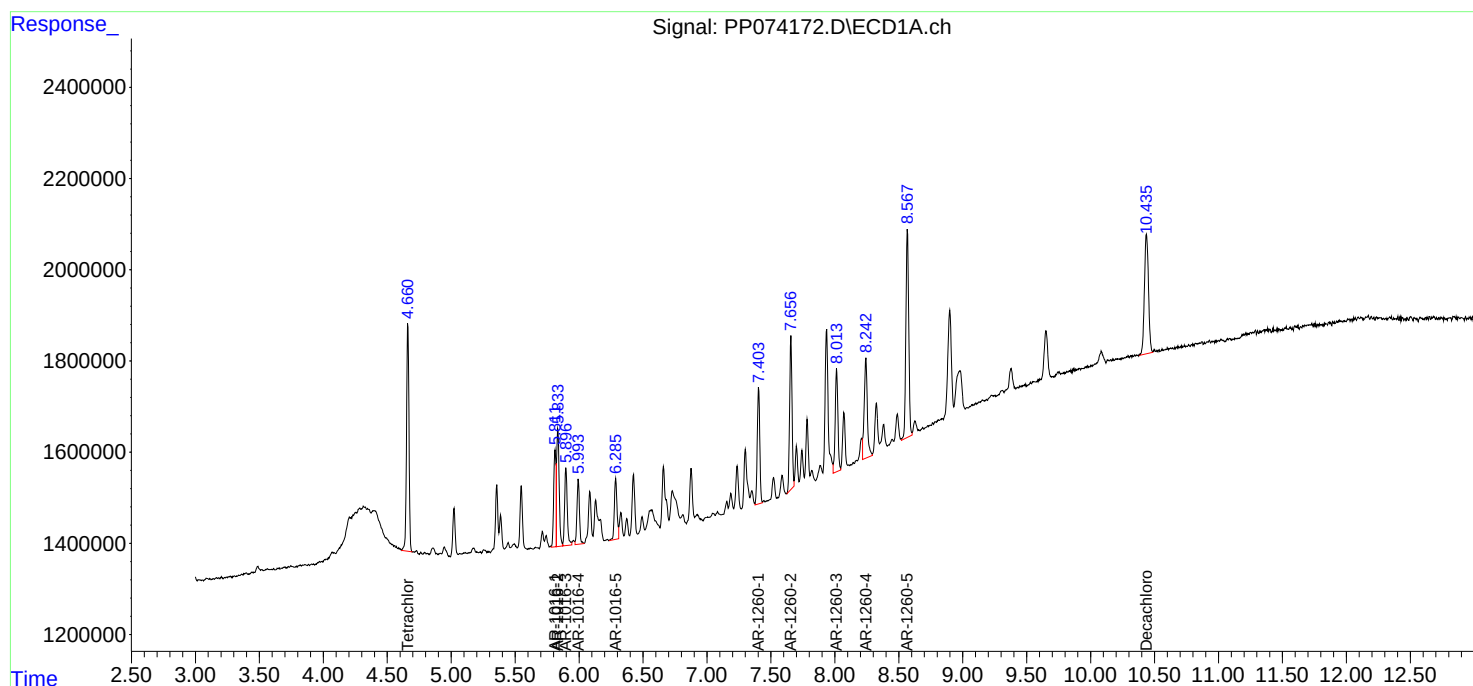
Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

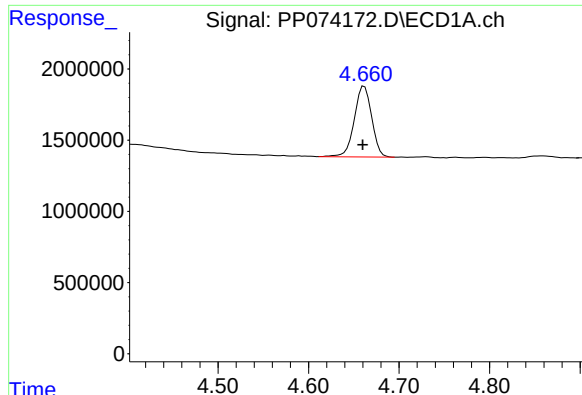
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:58:51 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:58:39 2025
Response via : Initial Calibration
Integrator: ChemStation

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





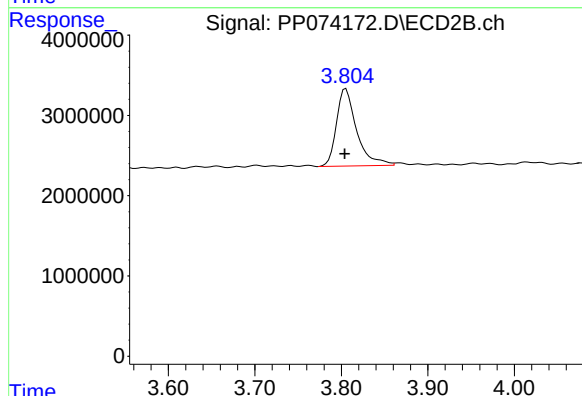
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 6638630
Conc: 5.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

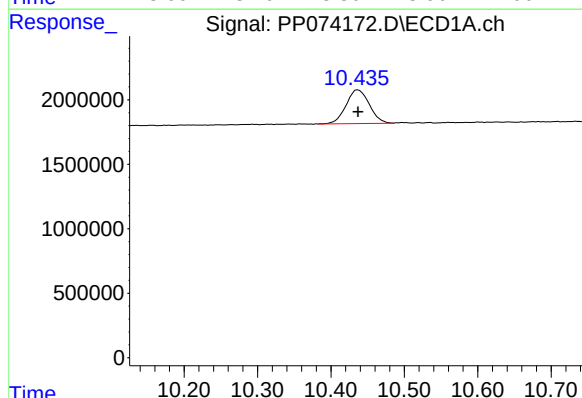
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



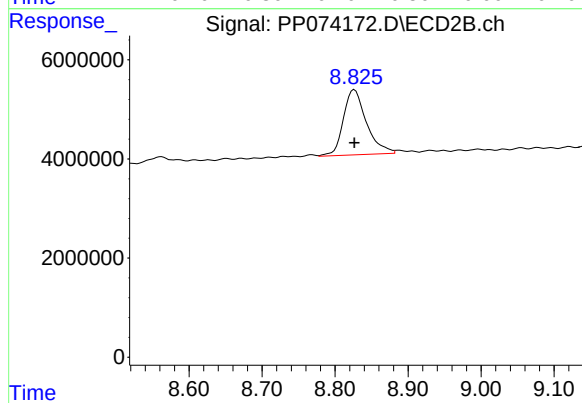
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 15510226
Conc: 4.04 ng/ml m



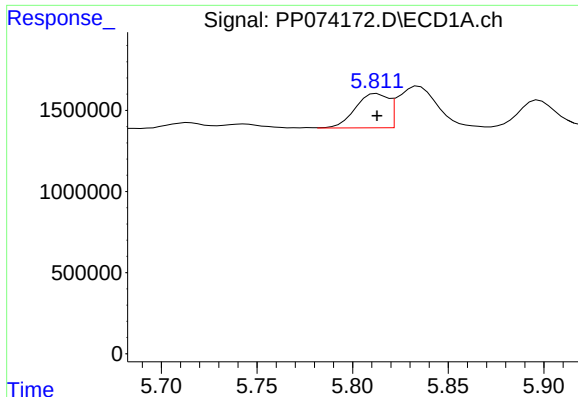
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 5756903
Conc: 5.93 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 28876514
Conc: 4.80 ng/ml



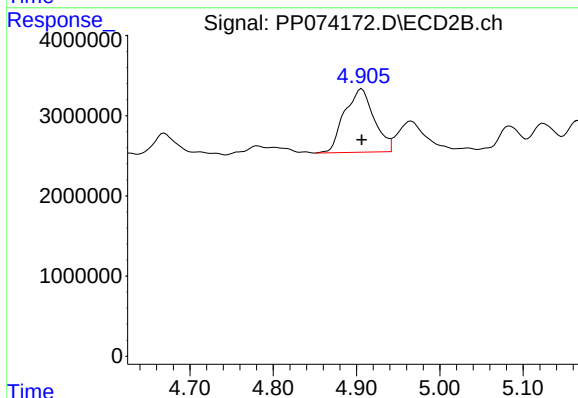
#3 AR-1016-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 2530723
Conc: 61.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

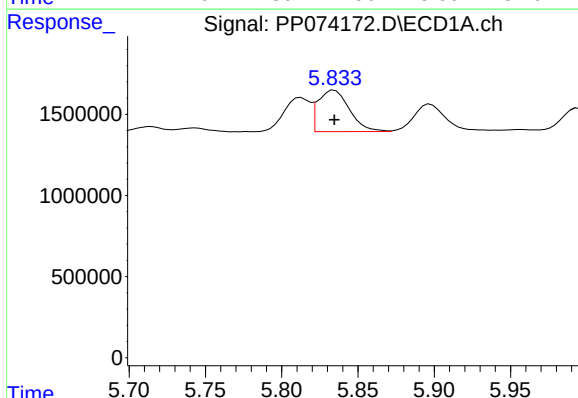
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



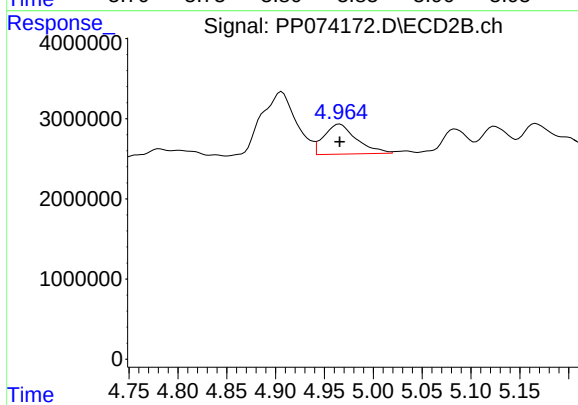
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 19510776
Conc: 48.91 ng/ml



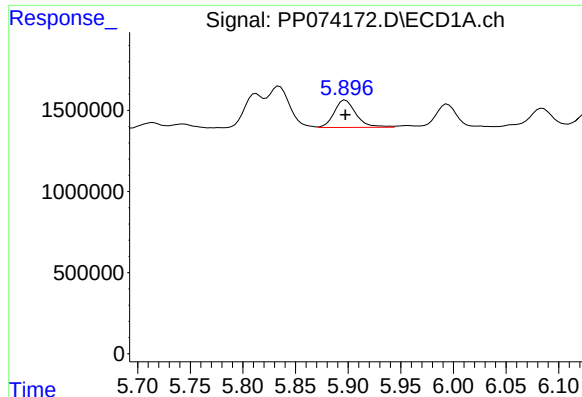
#4 AR-1016-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 3683827
Conc: 60.65 ng/ml



#4 AR-1016-2

R.T.: 4.966 min
Delta R.T.: 0.000 min
Response: 8691681
Conc: 46.28 ng/ml



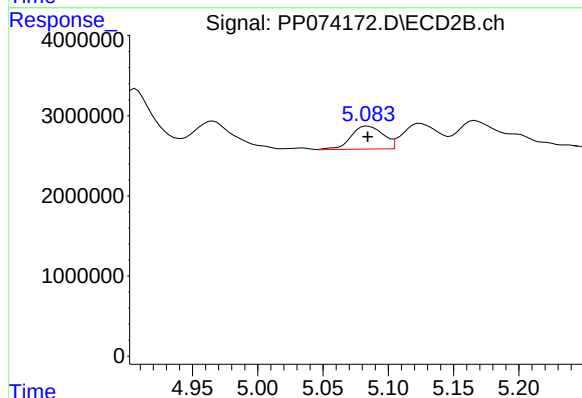
#5 AR-1016-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 2431131
Conc: 61.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

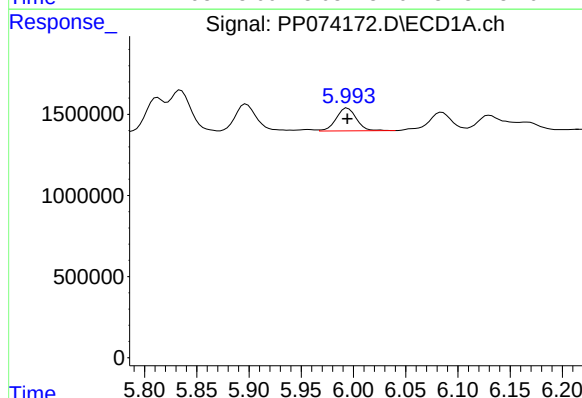
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



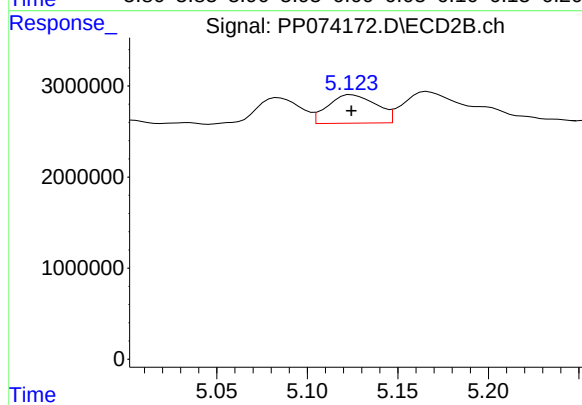
#5 AR-1016-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 4936579
Conc: 46.54 ng/ml



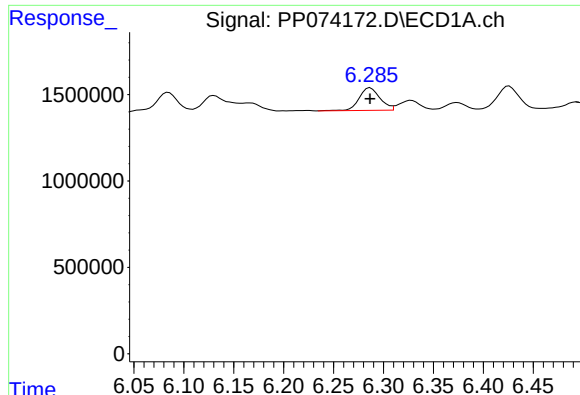
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 1899628
Conc: 58.37 ng/ml



#6 AR-1016-4

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 5793266
Conc: 53.04 ng/ml



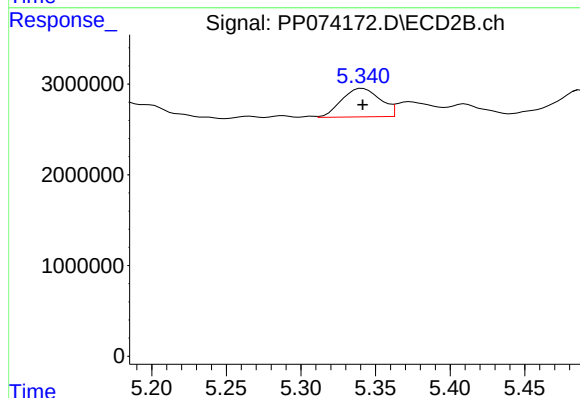
#7 AR-1016-5

R.T.: 6.287 min
Delta R.T.: 0.000 min
Response: 1907560
Conc: 58.75 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

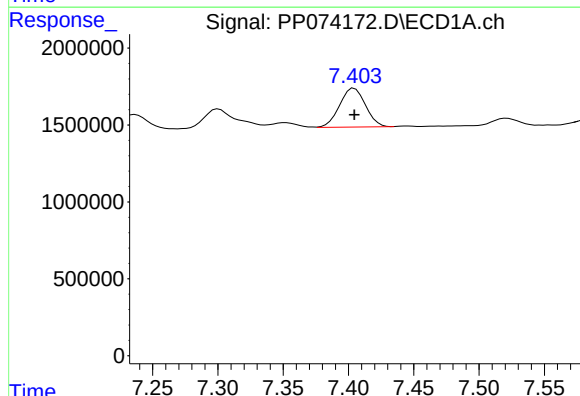
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



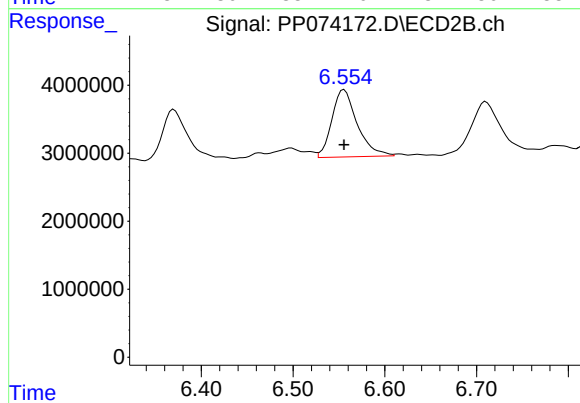
#7 AR-1016-5

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 5656312
Conc: 48.36 ng/ml



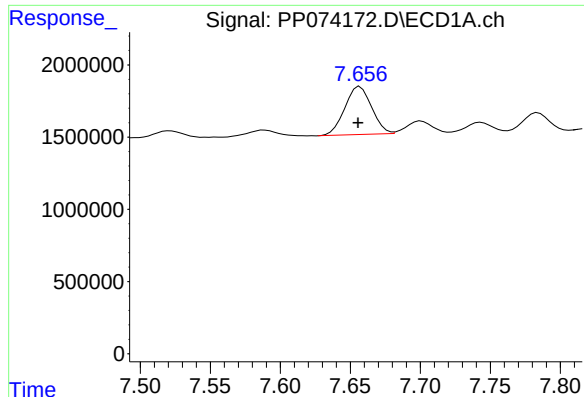
#31 AR-1260-1

R.T.: 7.404 min
Delta R.T.: 0.000 min
Response: 3495993
Conc: 62.03 ng/ml



#31 AR-1260-1

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 19010301
Conc: 47.06 ng/ml



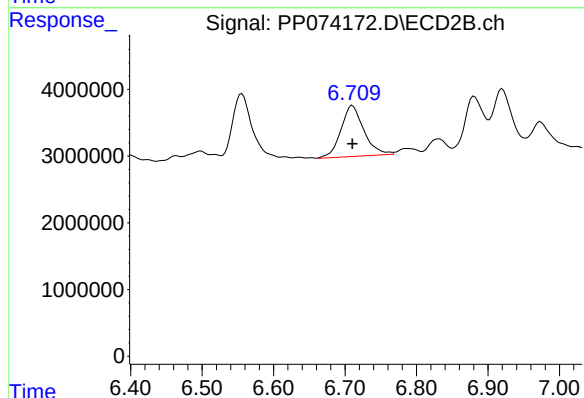
#32 AR-1260-2

R.T.: 7.656 min
Delta R.T.: 0.000 min
Response: 4438588
Conc: 64.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

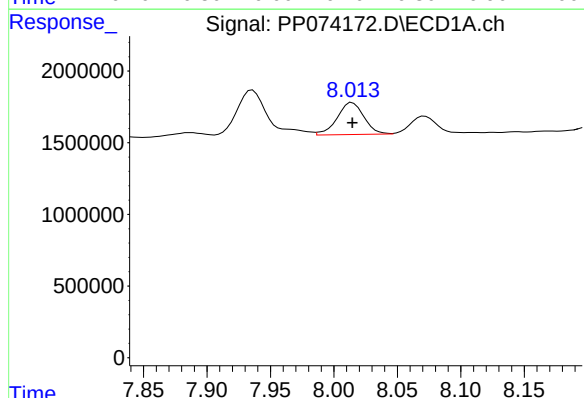
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



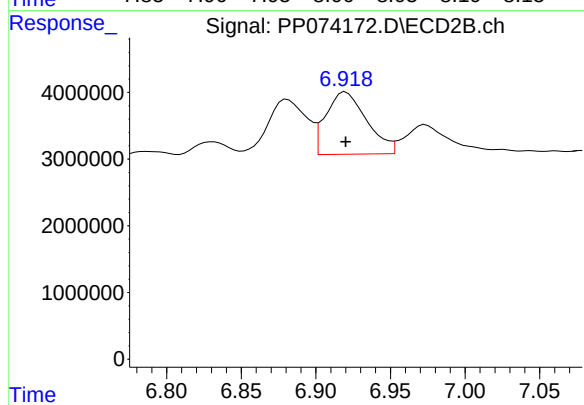
#32 AR-1260-2

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 17001537
Conc: 54.99 ng/ml m



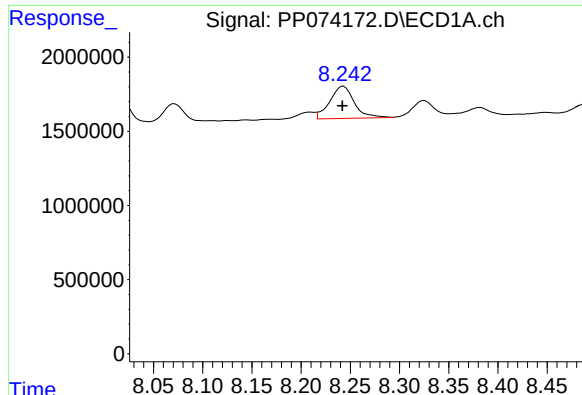
#33 AR-1260-3

R.T.: 8.015 min
Delta R.T.: 0.000 min
Response: 3281661
Conc: 61.57 ng/ml



#33 AR-1260-3

R.T.: 6.920 min
Delta R.T.: 0.000 min
Response: 17861059
Conc: 45.32 ng/ml



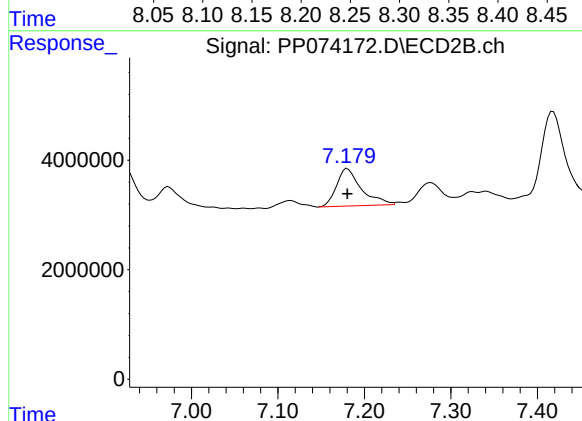
#34 AR-1260-4

R.T.: 8.242 min
Delta R.T.: 0.000 min
Response: 3752198
Conc: 59.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050

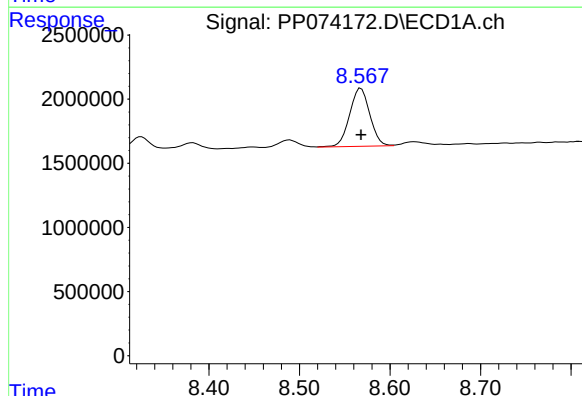
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



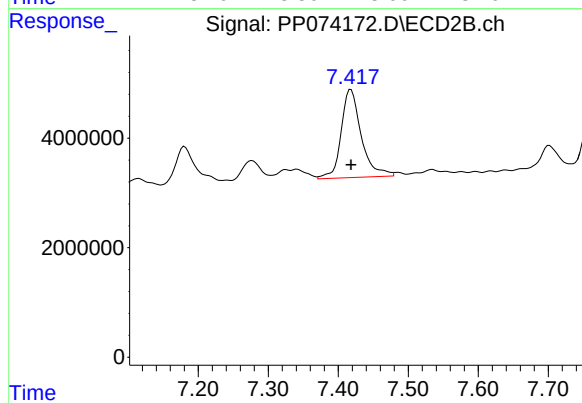
#34 AR-1260-4

R.T.: 7.180 min
Delta R.T.: 0.000 min
Response: 13633196
Conc: 46.85 ng/ml



#35 AR-1260-5

R.T.: 8.568 min
Delta R.T.: 0.000 min
Response: 7025863
Conc: 62.01 ng/ml



#35 AR-1260-5

R.T.: 7.418 min
Delta R.T.: 0.000 min
Response: 32144633
Conc: 42.44 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:58
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:14:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.803	54821028	195.8E6	50.000	50.000
2) SA Decachlor...	10.435	8.825	46278402	298.9E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.858	4.015	8381808	24542587	500.000	500.000
9) L2 AR-1221-2	4.944	4.100	6300527	17944660	500.000	500.000
10) L2 AR-1221-3	5.019	4.176	18317605	67612277	500.000	500.000

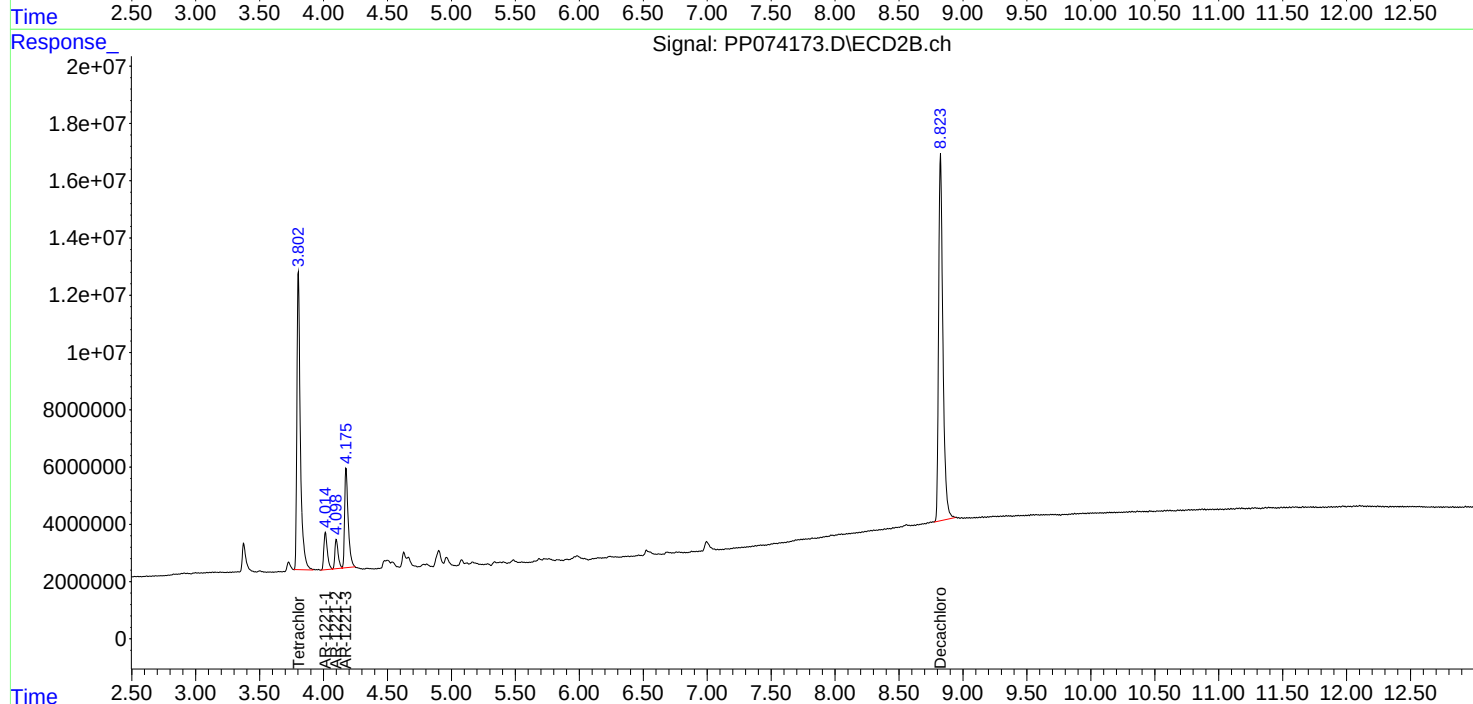
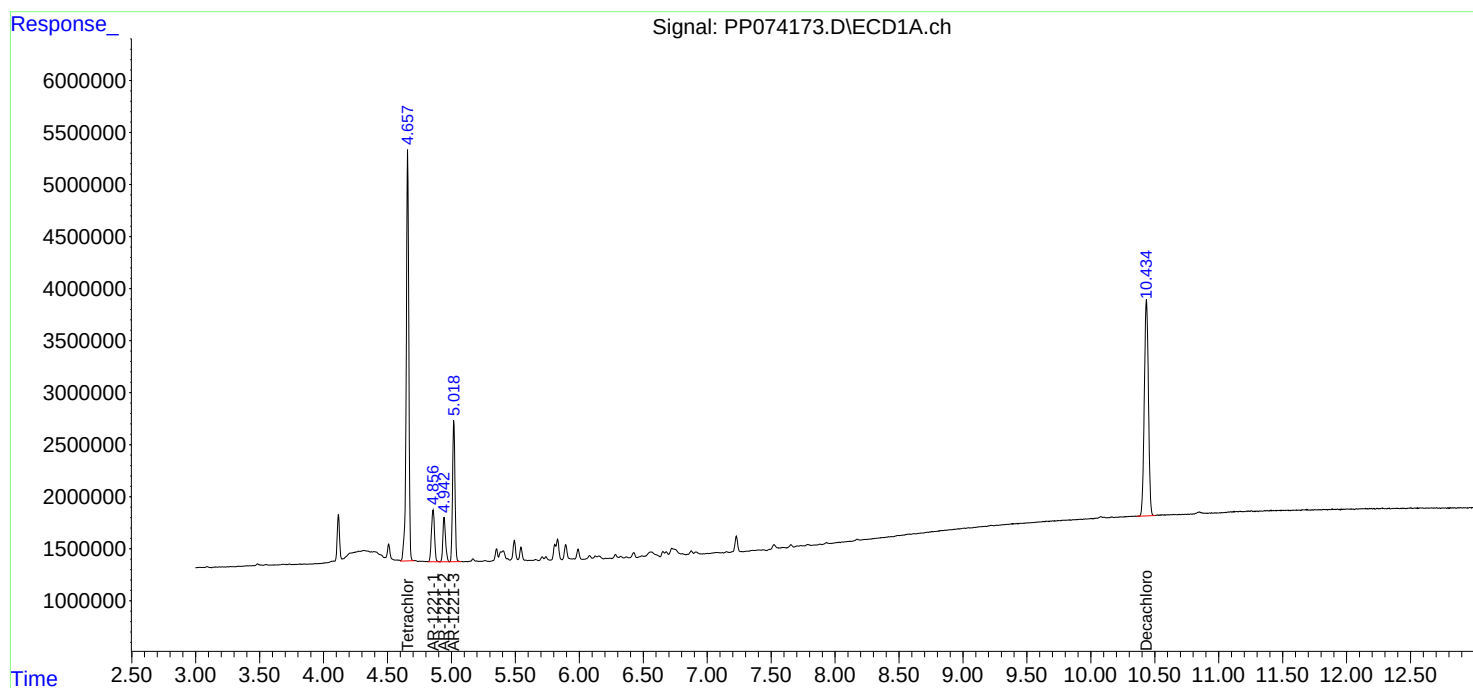
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074173.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 13:58
Operator : YP\AJ
Sample : AR1221ICC500
Misc :
ALS Vial : 8 Sample Multiplier: 1

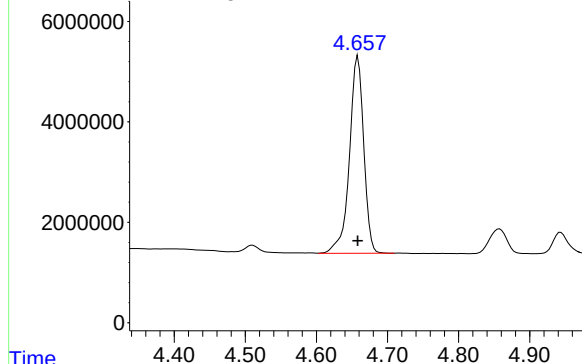
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:14:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP074173.D\ECD1A.ch

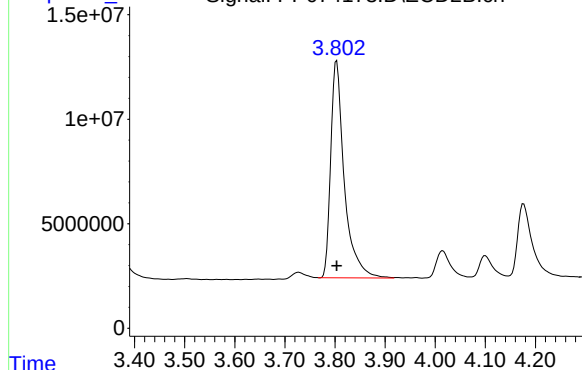


#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 54821028
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500

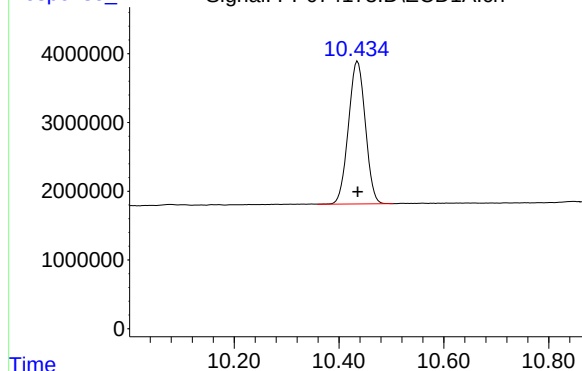
Time Response_ Signal: PP074173.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 195798506
Conc: 50.00 ng/ml

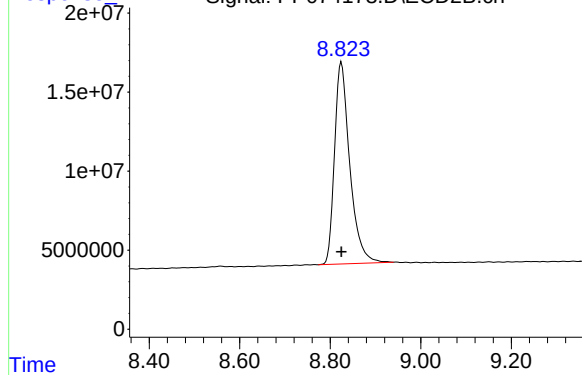
Time Response_ Signal: PP074173.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 46278402
Conc: 50.00 ng/ml

Time Response_ Signal: PP074173.D\ECD2B.ch



#2 Decachlorobiphenyl

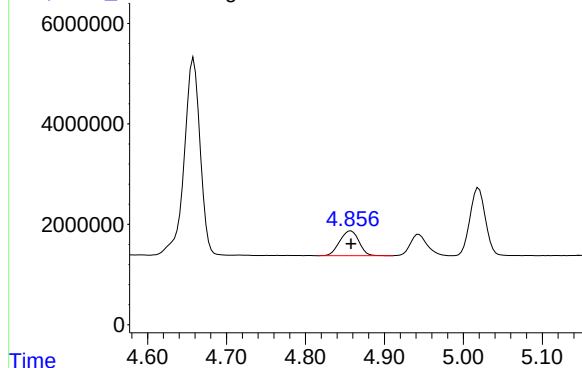
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 298854739
Conc: 50.00 ng/ml

Response_ Signal: PP074173.D\ECD1A.ch

#8 AR-1221-1

R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 8381808
Conc: 500.00 ng/ml

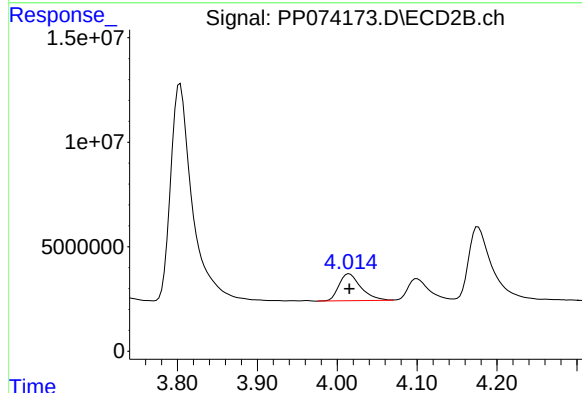
Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



Response_ Signal: PP074173.D\ECD2B.ch

#8 AR-1221-1

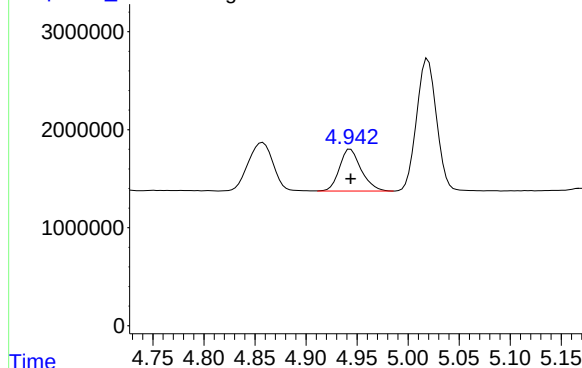
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 24542587
Conc: 500.00 ng/ml



Response_ Signal: PP074173.D\ECD1A.ch

#9 AR-1221-2

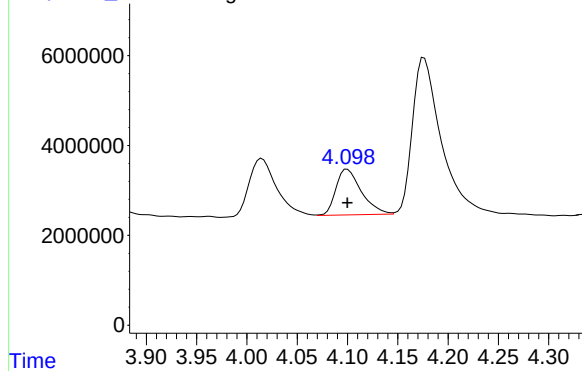
R.T.: 4.944 min
Delta R.T.: 0.000 min
Response: 6300527
Conc: 500.00 ng/ml

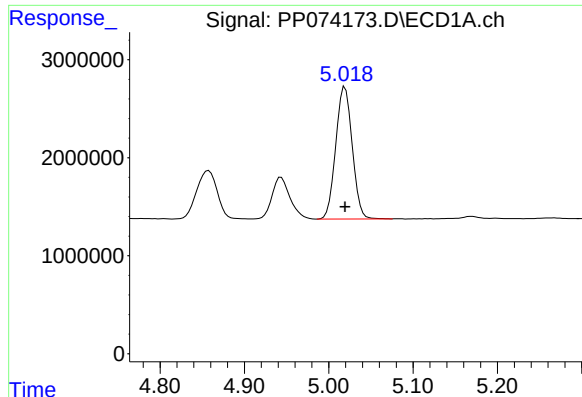


Response_ Signal: PP074173.D\ECD2B.ch

#9 AR-1221-2

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 17944660
Conc: 500.00 ng/ml

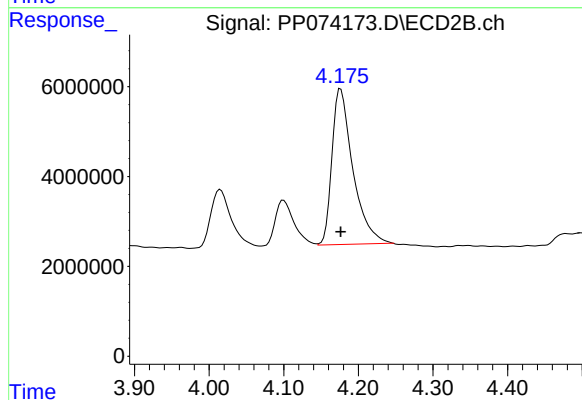




#10 AR-1221-3

R.T.: 5.019 min
Delta R.T.: 0.000 min
Response: 18317605
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1221ICC500



#10 AR-1221-3

R.T.: 4.176 min
Delta R.T.: 0.000 min
Response: 67612277
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 14:15
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:17:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:13:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.804	54684846	201.8E6	50.000	50.000
2) SA Decachlor...	10.437	8.826	47117835	301.0E6	50.000	50.000
Target Compounds						
11) L3 AR-1232-1	5.020	4.177	14518661	50681220	500.000	500.000
12) L3 AR-1232-2	5.546	4.904	7521357	87133099	500.000	500.000
13) L3 AR-1232-3	5.832	5.081	14500854	22908311	500.000	500.000
14) L3 AR-1232-4	5.993	5.164	7734413	29005356	500.000	502.399m
15) L3 AR-1232-5	6.082	5.338	5858006	23489726	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

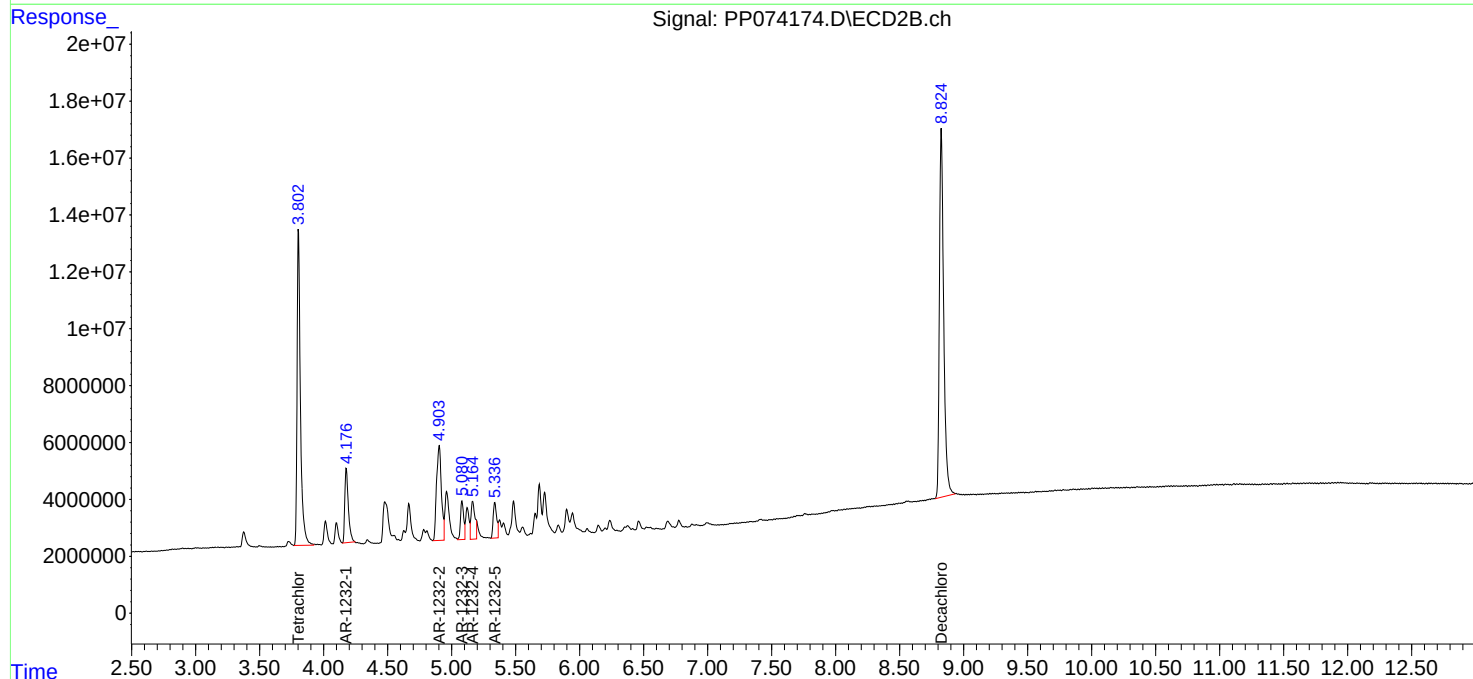
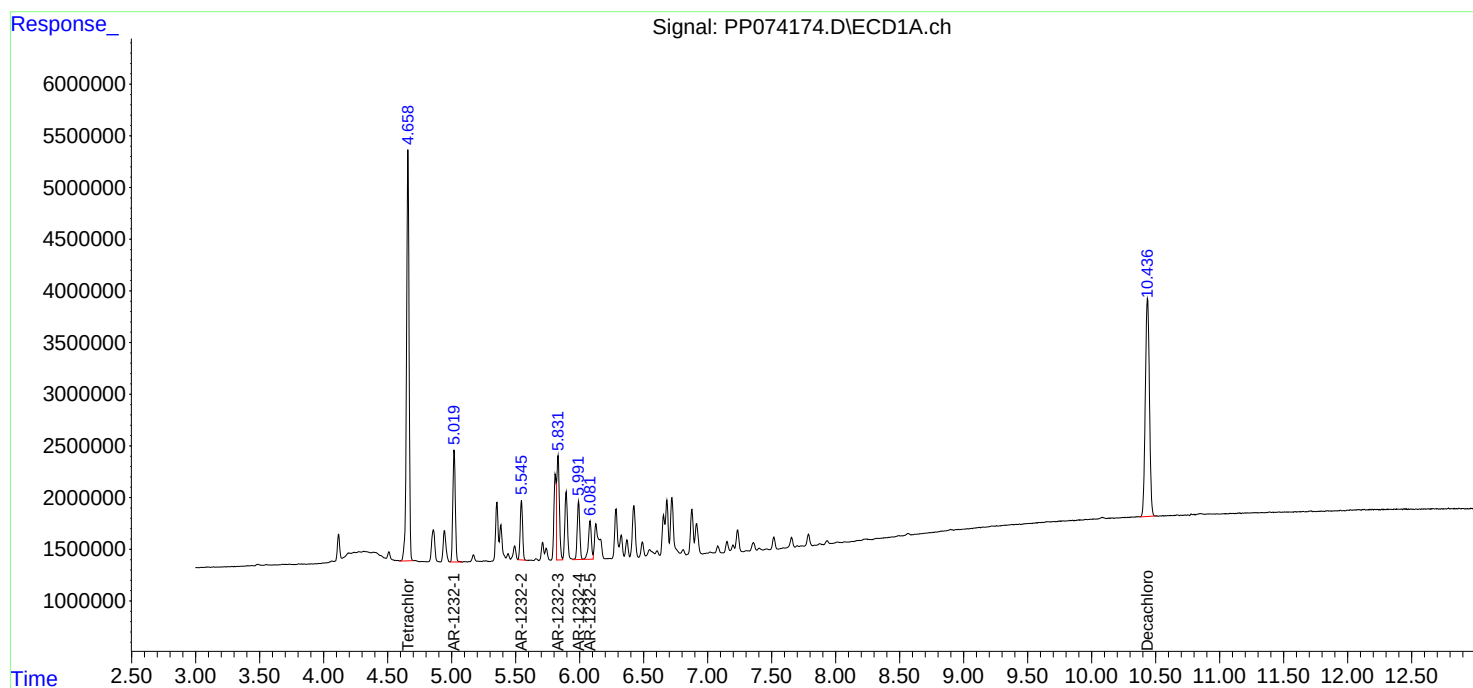
Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

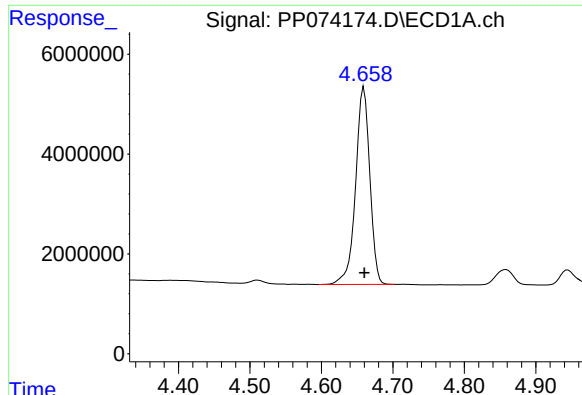
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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





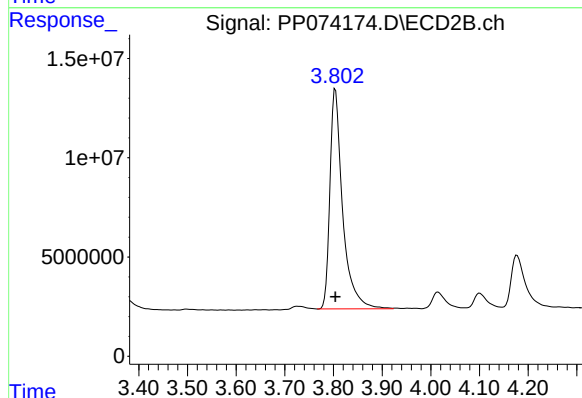
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

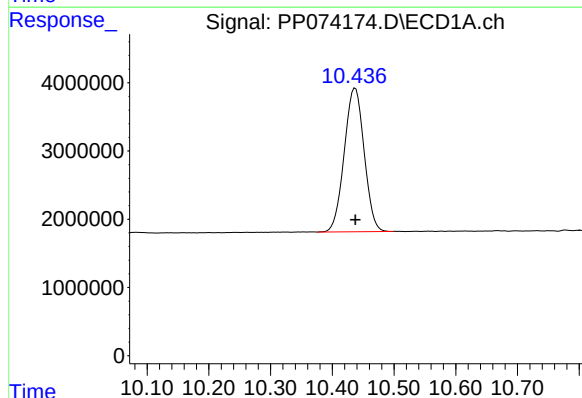
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



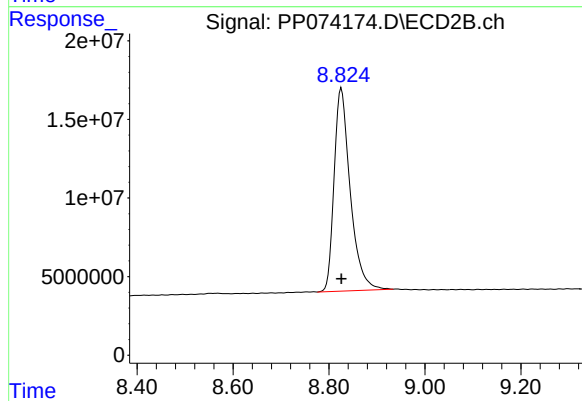
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



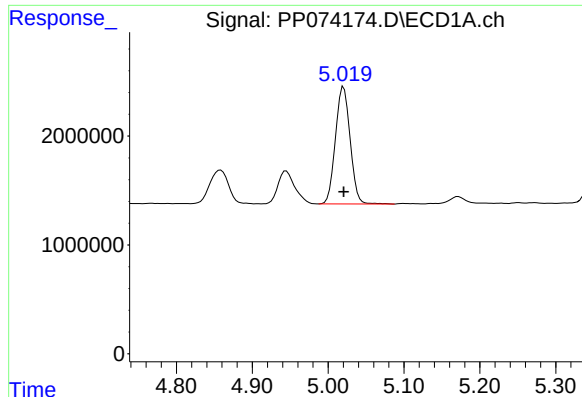
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



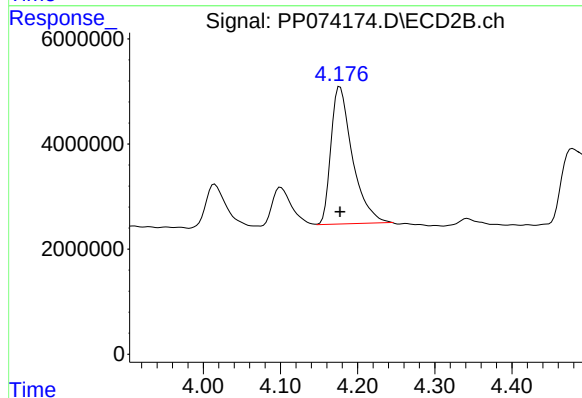
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

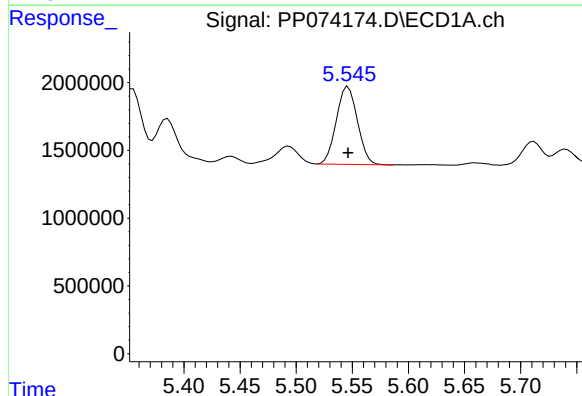
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



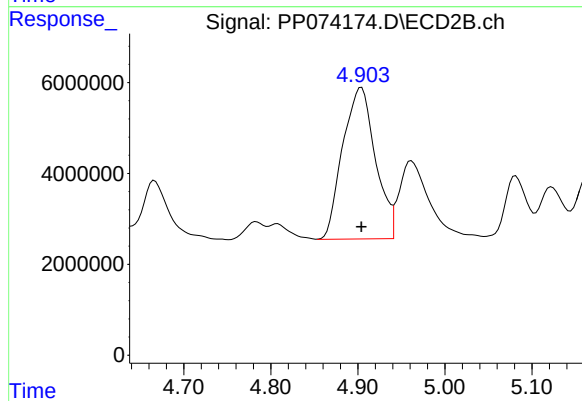
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



#12 AR-1232-2

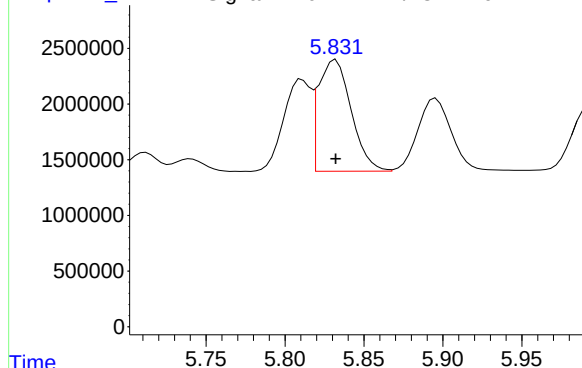
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml



#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml

Response_ Signal: PP074174.D\ECD1A.ch



#13 AR-1232-3

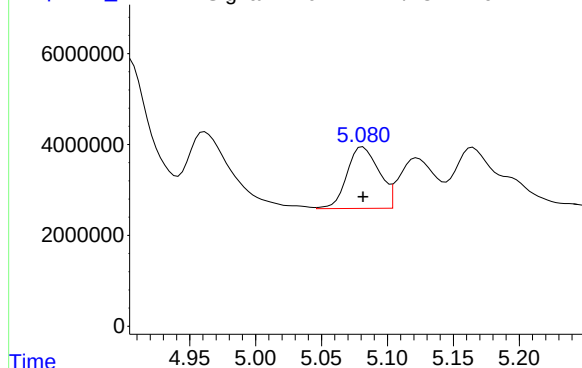
R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

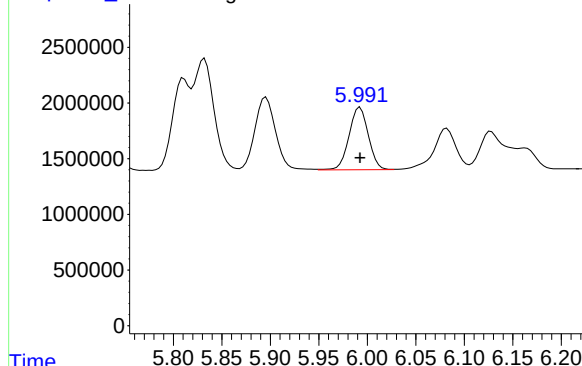
Time Response_ Signal: PP074174.D\ECD2B.ch



#13 AR-1232-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml

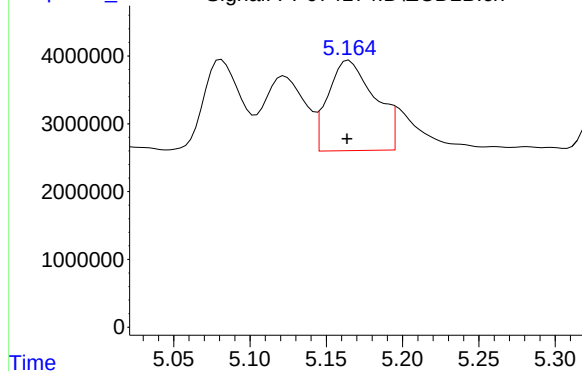
Time Response_ Signal: PP074174.D\ECD1A.ch



#14 AR-1232-4

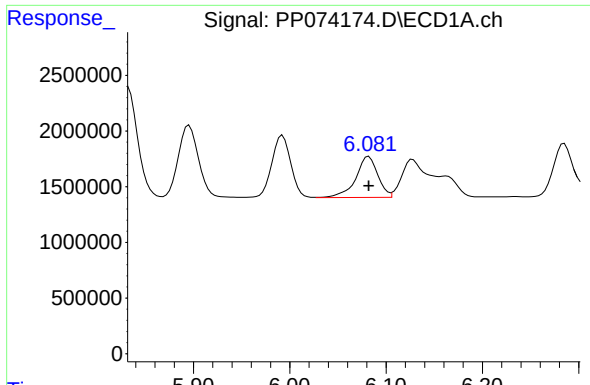
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml

Time Response_ Signal: PP074174.D\ECD2B.ch



#14 AR-1232-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 29005356
Conc: 502.40 ng/ml m



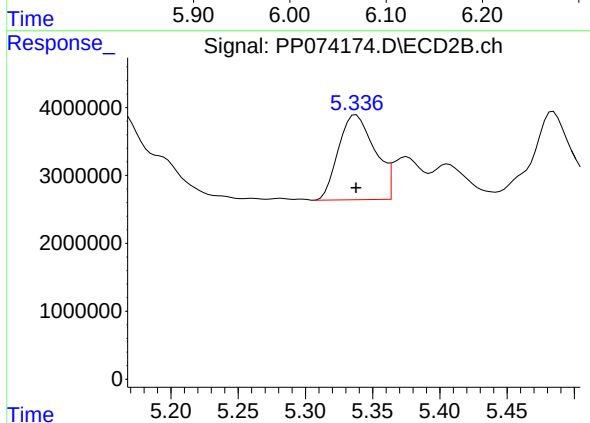
#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 5858006
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 23489726
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 14:31
 Operator : YP\AJ
 Sample : AR1242ICC1000
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC1000

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:23:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:20:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.804	104.3E6	438.1E6	95.872	101.577
2) SA Decachlor...	10.436	8.825	88078600	618.2E6	94.444	98.714
Target Compounds						
16) L4 AR-1242-1	5.811	4.905	31512428	341.3E6	934.658	978.632
17) L4 AR-1242-2	5.832	4.962	47421171	162.7E6	943.850	992.758
18) L4 AR-1242-3	5.896	5.082	30290298	93075141	931.794	1005.327
19) L4 AR-1242-4	5.992	5.164	25177060	117.3E6	934.754	940.884m
20) L4 AR-1242-5	6.721	5.686	29128304	140.7E6	916.924	973.631

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

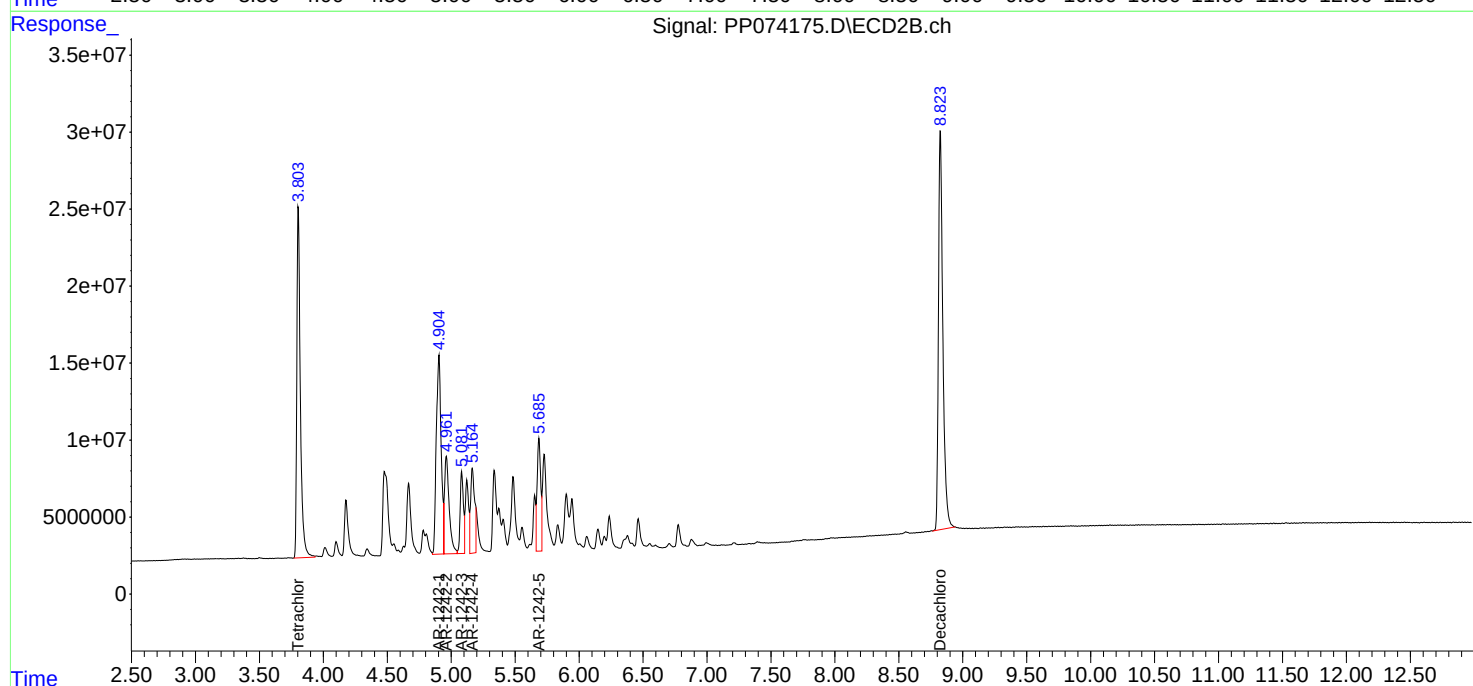
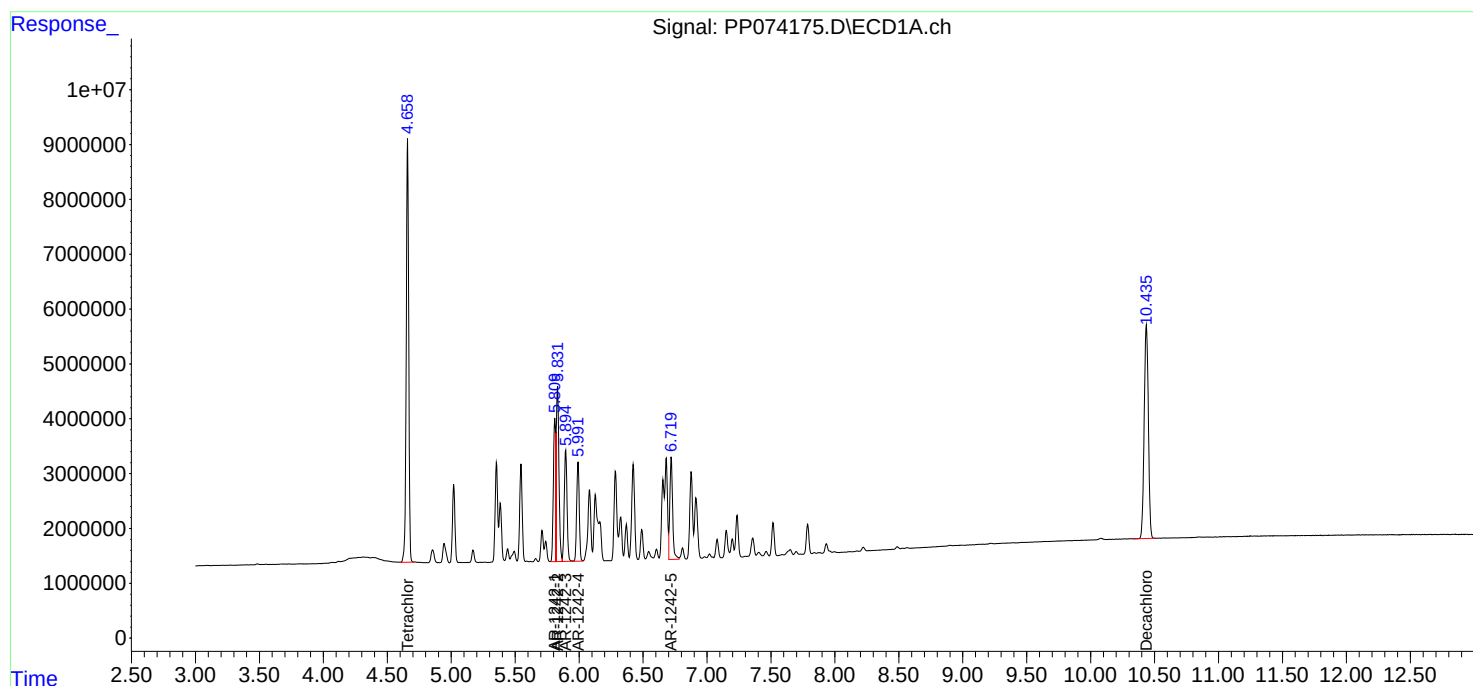
Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

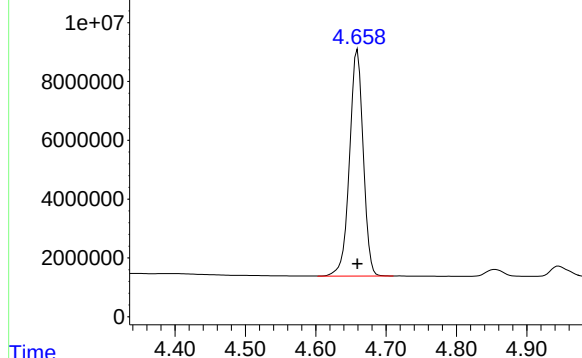
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP074175.D\ECD1A.ch



#1 Tetrachloro-m-xylene

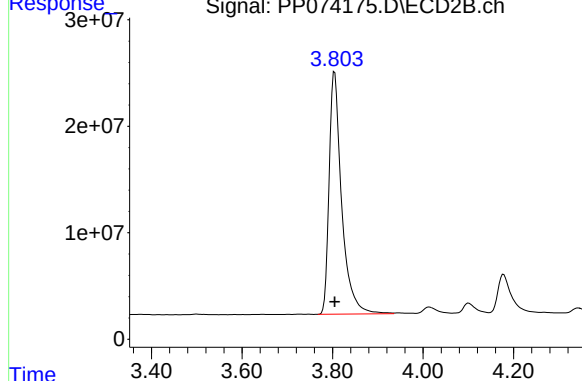
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

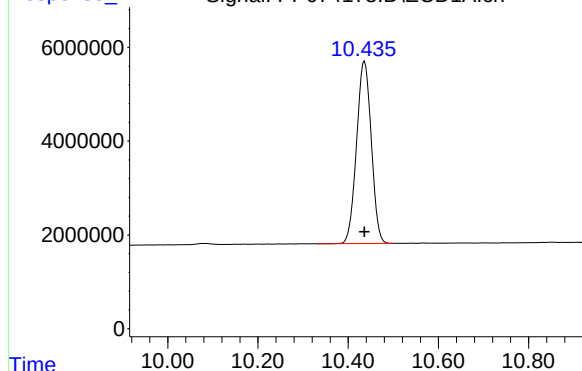
Time Response_ Signal: PP074175.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml

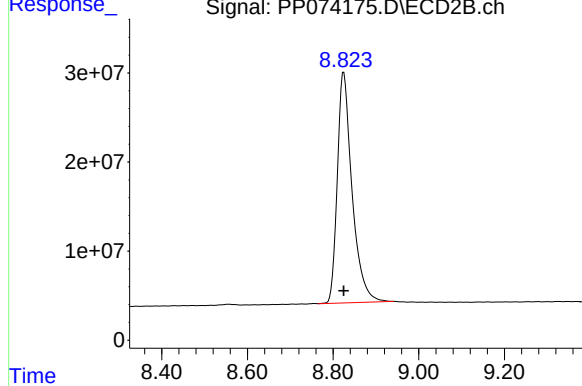
Response_ Signal: PP074175.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml

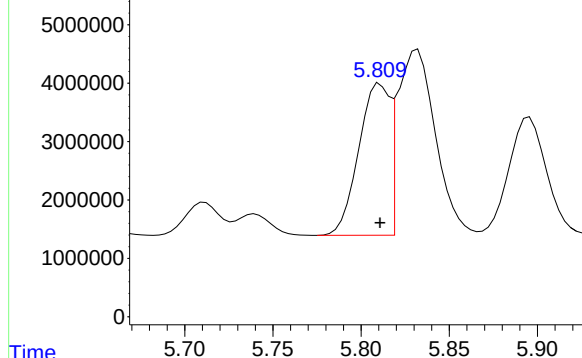
Time Response_ Signal: PP074175.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml

Response_ Signal: PP074175.D\ECD1A.ch



#16 AR-1242-1

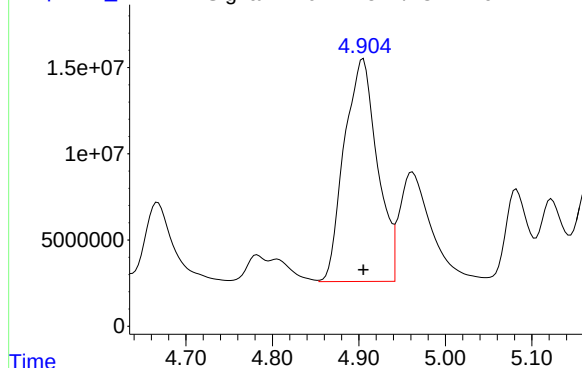
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

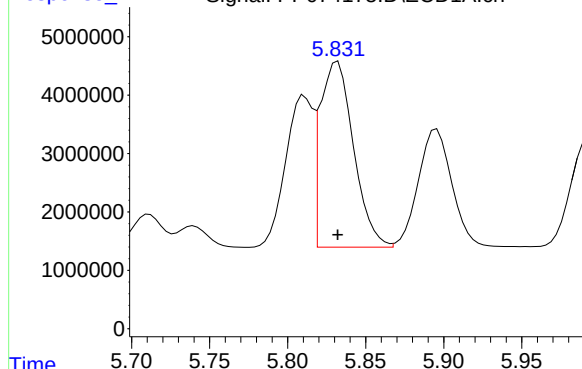
Time Response_ Signal: PP074175.D\ECD2B.ch



#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml

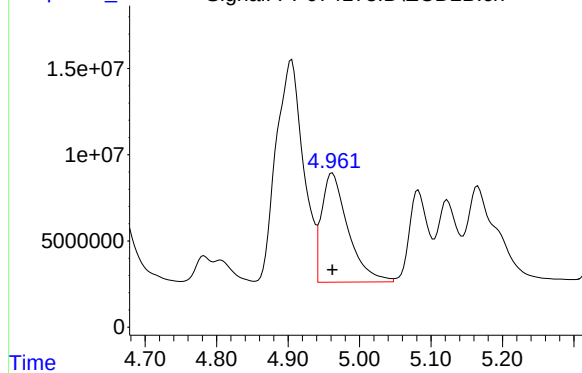
Time Response_ Signal: PP074175.D\ECD1A.ch



#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml

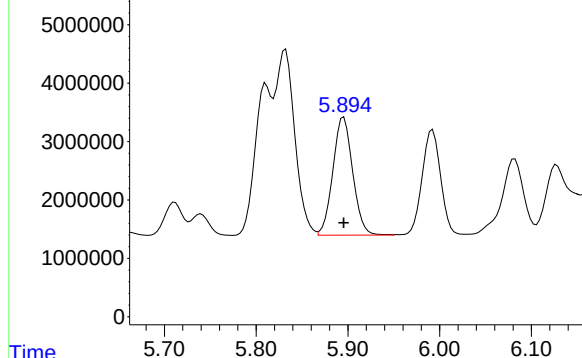
Time Response_ Signal: PP074175.D\ECD2B.ch



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml

Response_ Signal: PP074175.D\ECD1A.ch



#18 AR-1242-3

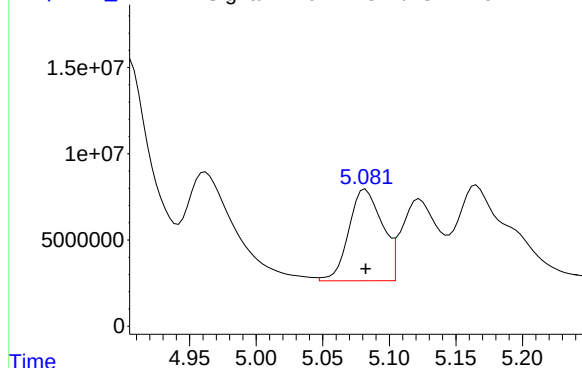
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

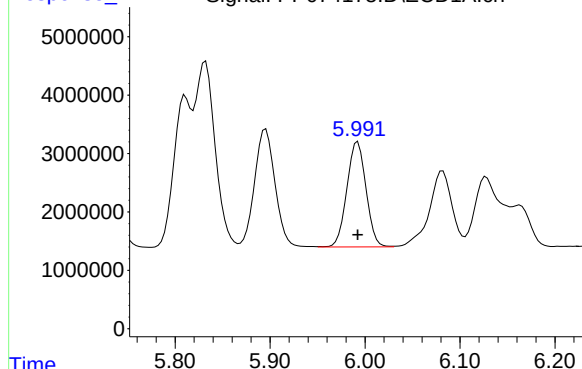
Time Response_ Signal: PP074175.D\ECD2B.ch



#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml

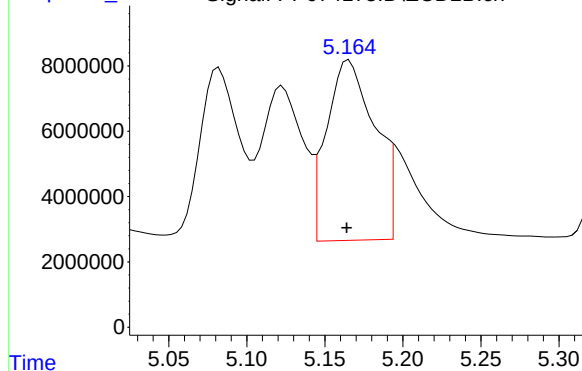
Time Response_ Signal: PP074175.D\ECD1A.ch



#19 AR-1242-4

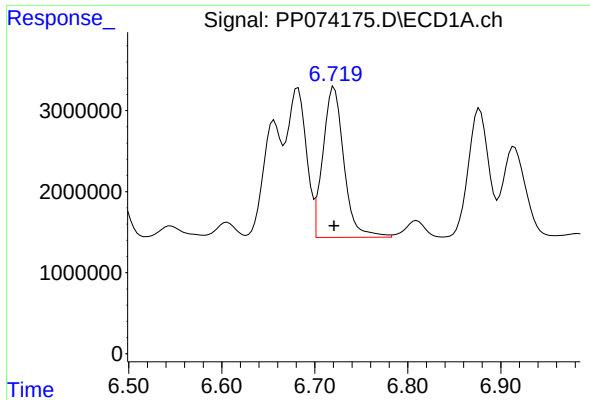
R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml

Time Response_ Signal: PP074175.D\ECD2B.ch



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 117292839
Conc: 940.88 ng/ml m



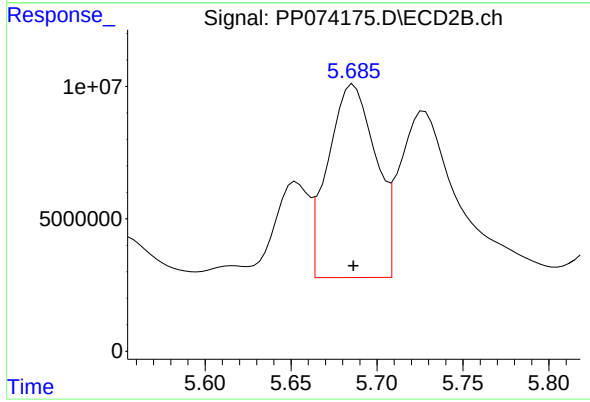
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 29128304
Conc: 916.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 140731652
Conc: 973.63 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 14:47
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:26:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:20:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.662	3.803	80676637	324.0E6	74.425	75.083
2) SA Decachlor...	10.438	8.824	68962955	464.9E6	74.295	74.485
Target Compounds						
16) L4 AR-1242-1	5.813	4.904	25064705	261.4E6	745.599	749.732
17) L4 AR-1242-2	5.835	4.960	37017188	128.7E6	741.131	773.381
18) L4 AR-1242-3	5.898	5.081	24057234	72718391	743.338	773.266
19) L4 AR-1242-4	5.995	5.163	19974989	87588686	744.389	713.205m
20) L4 AR-1242-5	6.724	5.685	24065795	114.3E6	755.025	776.822

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

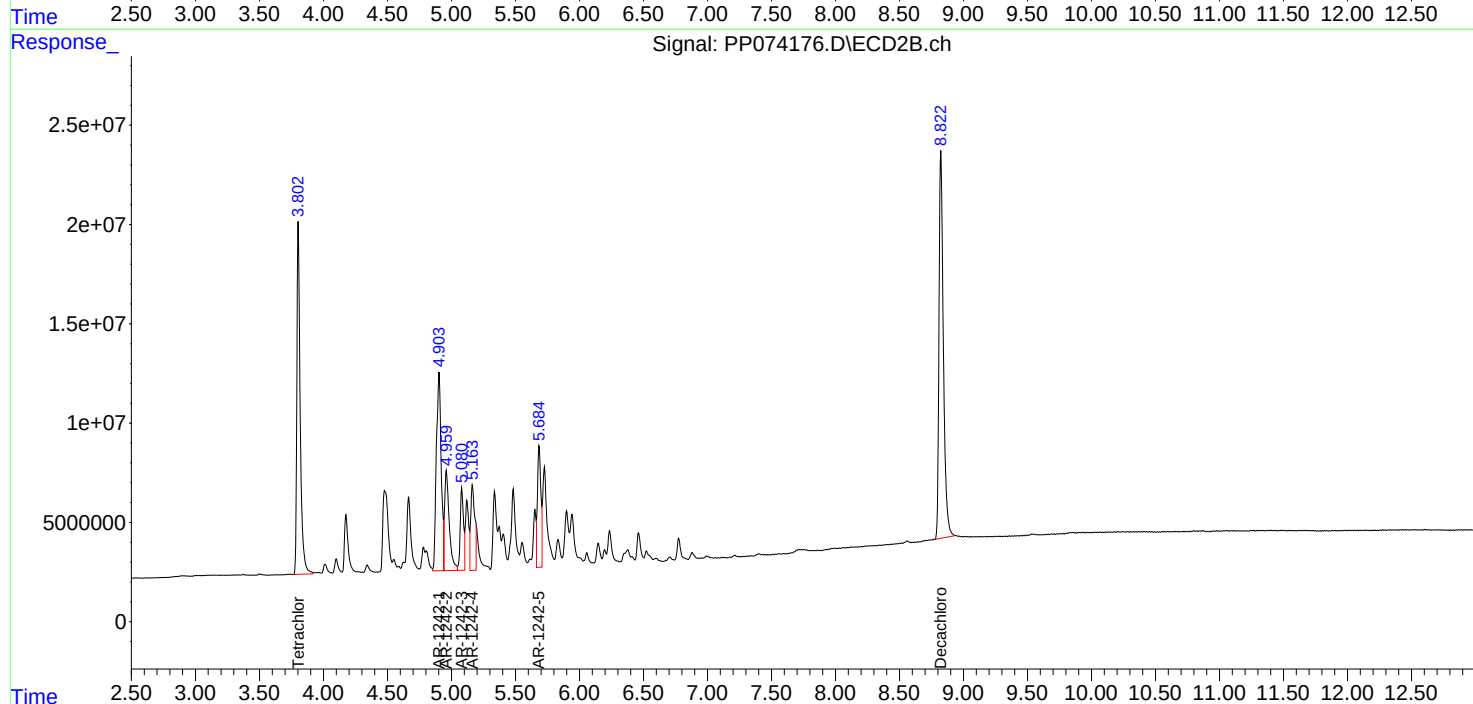
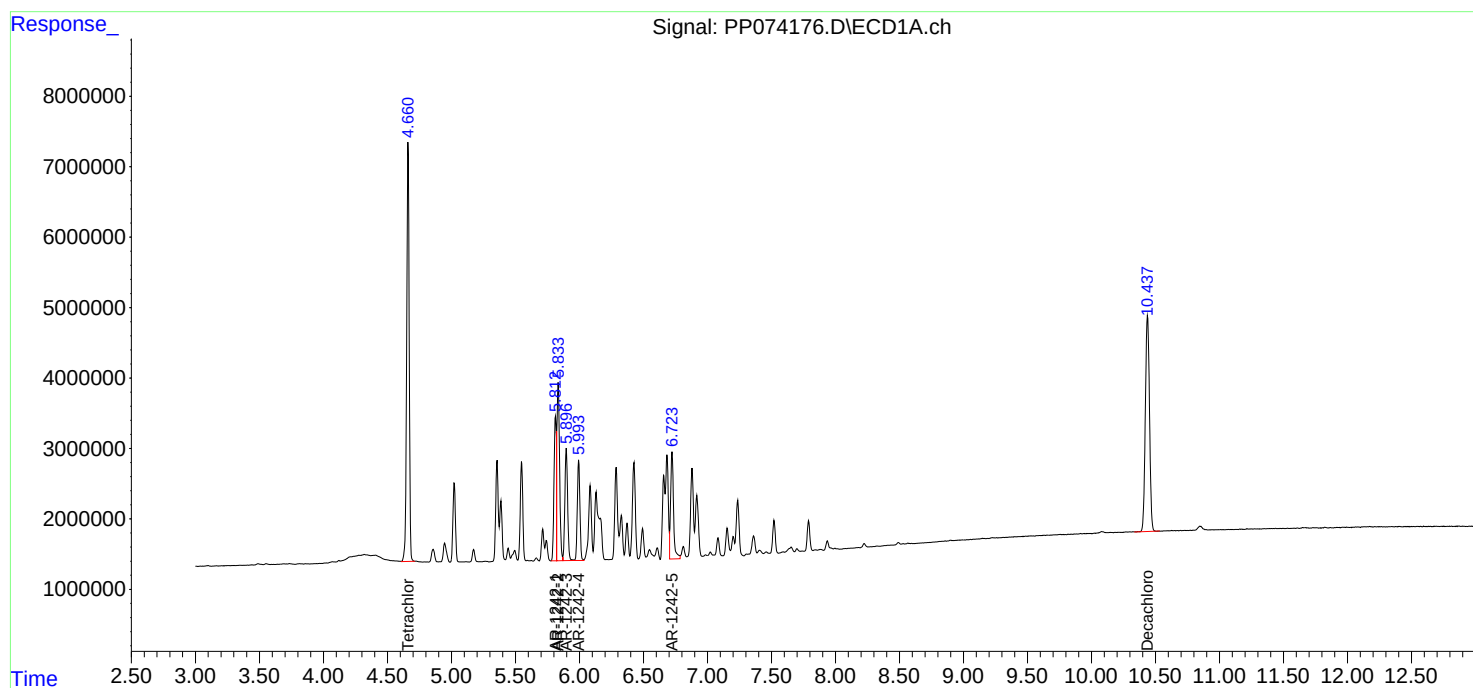
Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

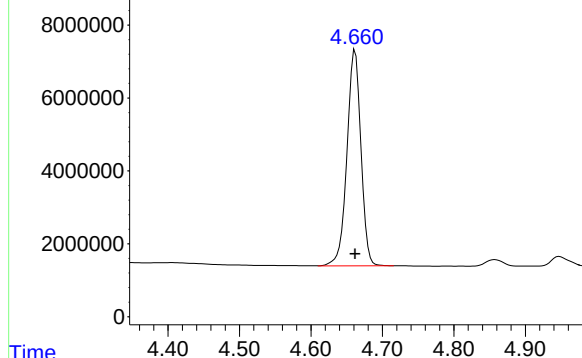
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP074176.D\ECD1A.ch



#1 Tetrachloro-m-xylene

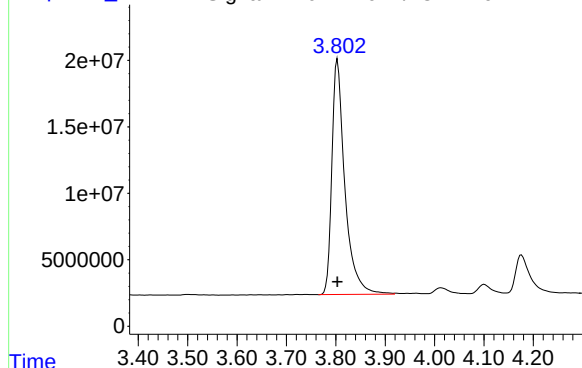
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

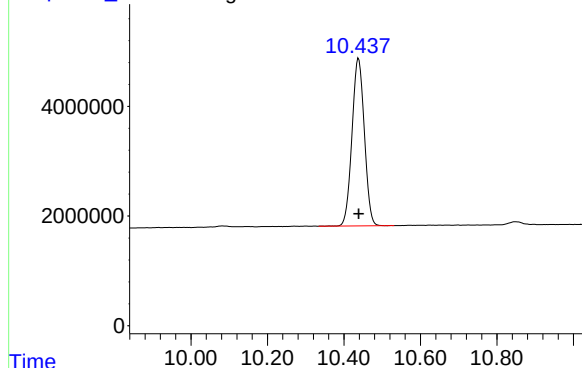
Time Response_ Signal: PP074176.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml

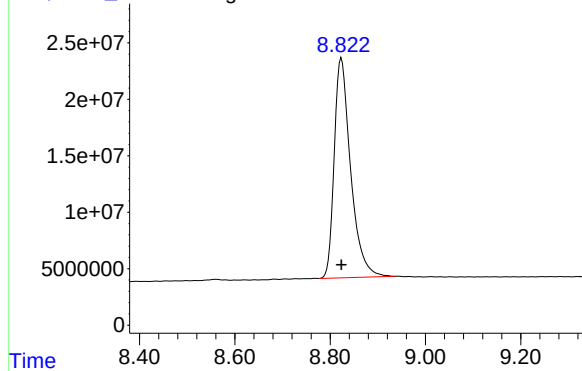
Response_ Signal: PP074176.D\ECD1A.ch



#2 Decachlorobiphenyl

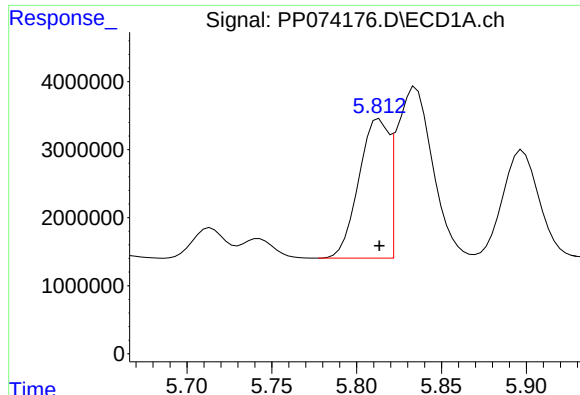
R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml

Time Response_ Signal: PP074176.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



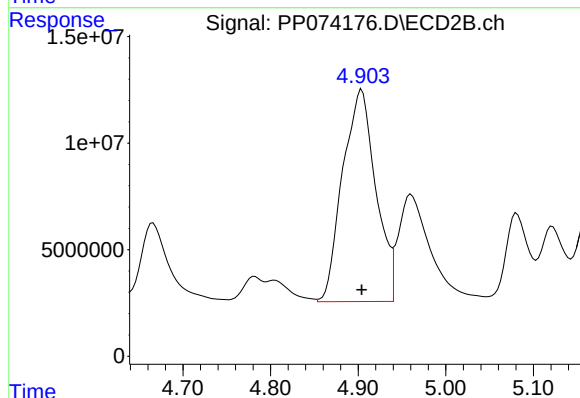
#16 AR-1242-1

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

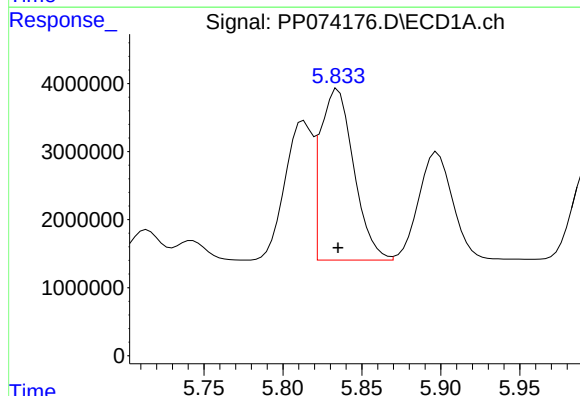
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



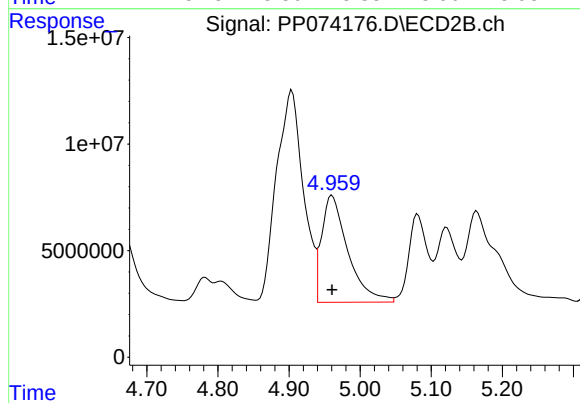
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



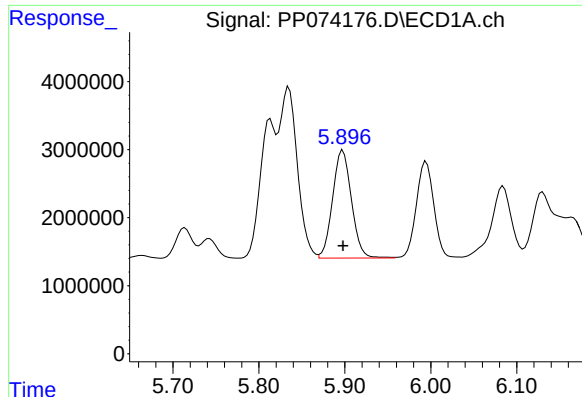
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



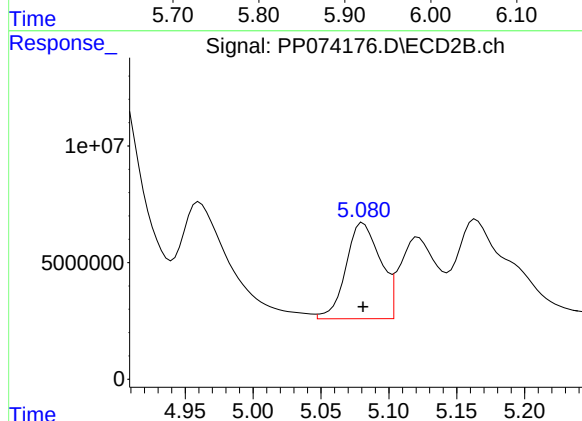
#18 AR-1242-3

R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

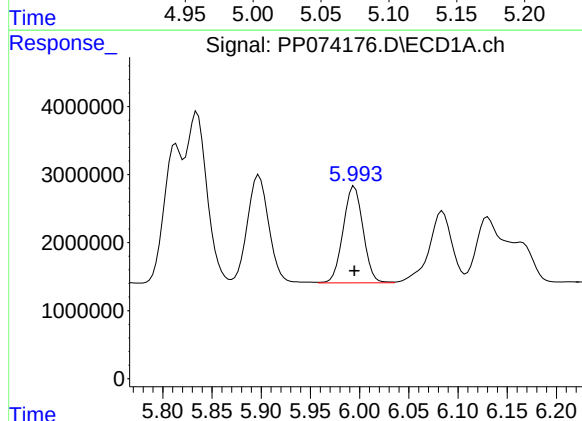
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



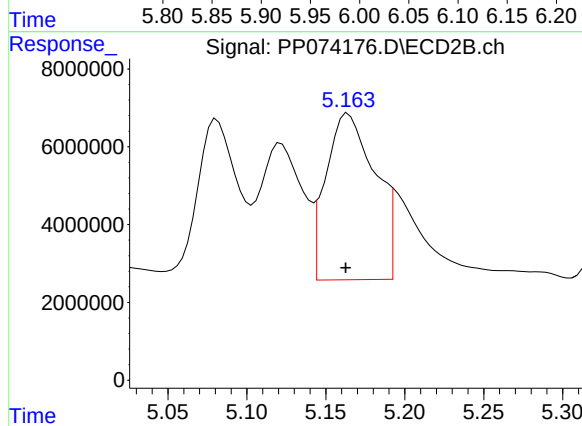
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



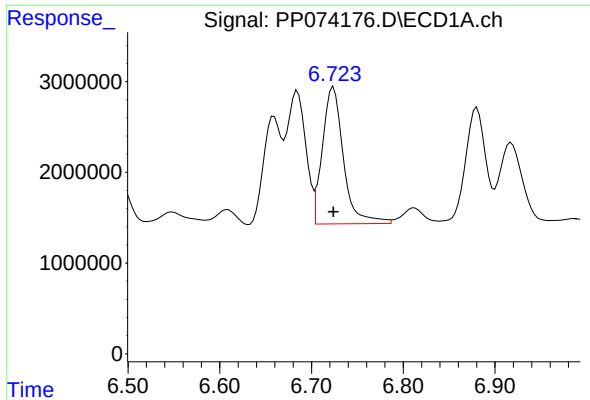
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 87588686
Conc: 713.20 ng/ml m



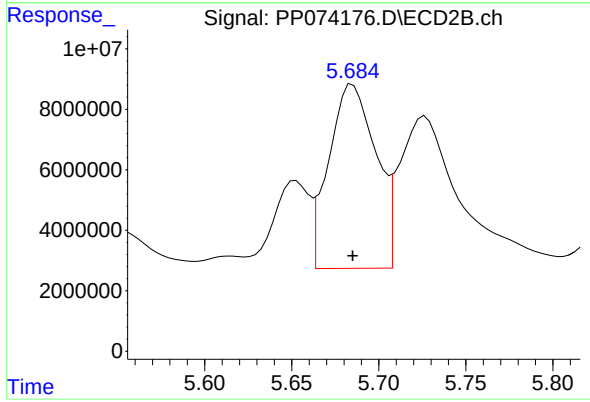
#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 24065795
Conc: 755.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 114328693
Conc: 776.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 15:03
 Operator : YP\AJ
 Sample : AR1242ICC500
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC500

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:21:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:20:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.805	56653742	212.2E6	50.000	50.000
2) SA Decachlor...	10.434	8.826	49220928	317.2E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.808	4.905	17959256	178.1E6	500.000	500.000
17) L4 AR-1242-2	5.830	4.963	26531667	82516708	500.000	500.000
18) L4 AR-1242-3	5.893	5.084	17362372	46044427	500.000	500.000
19) L4 AR-1242-4	5.990	5.164	14345906	63188535	500.000	505.329m
20) L4 AR-1242-5	6.719	5.687	17203244	74177320	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

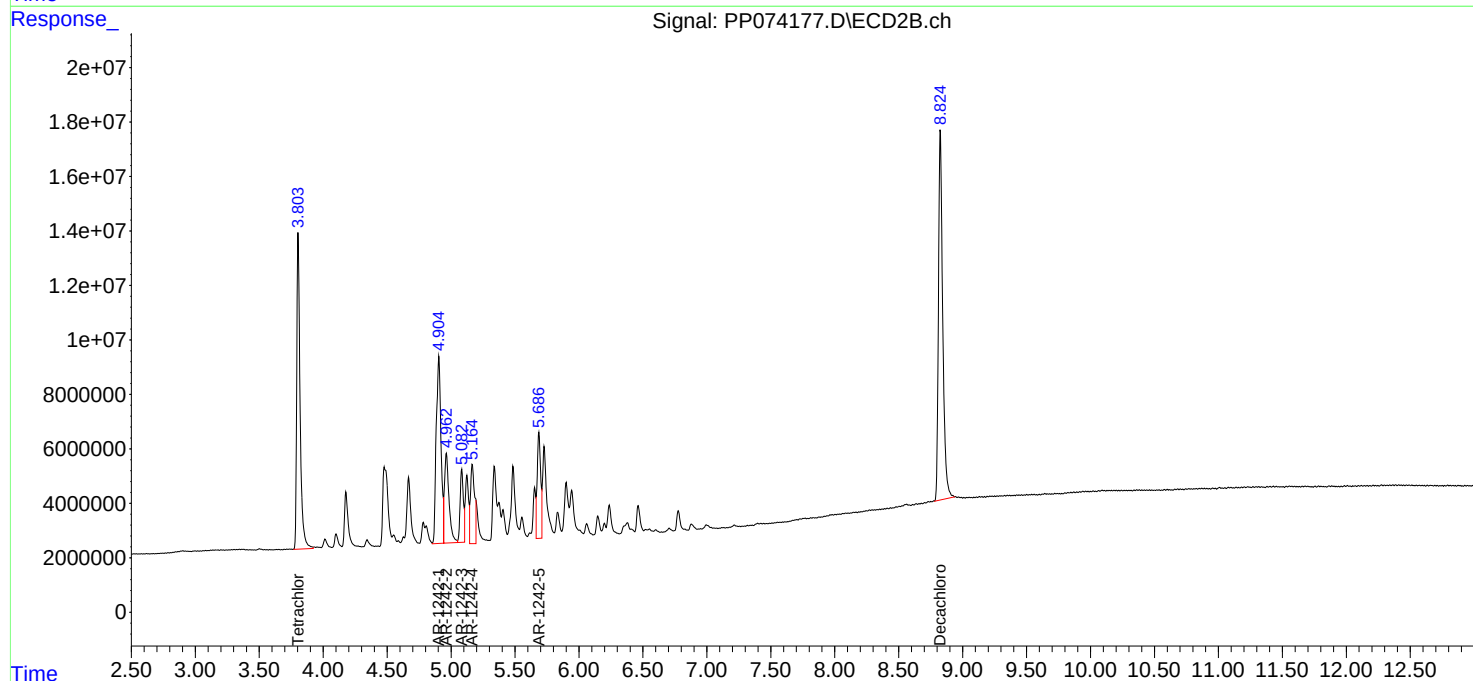
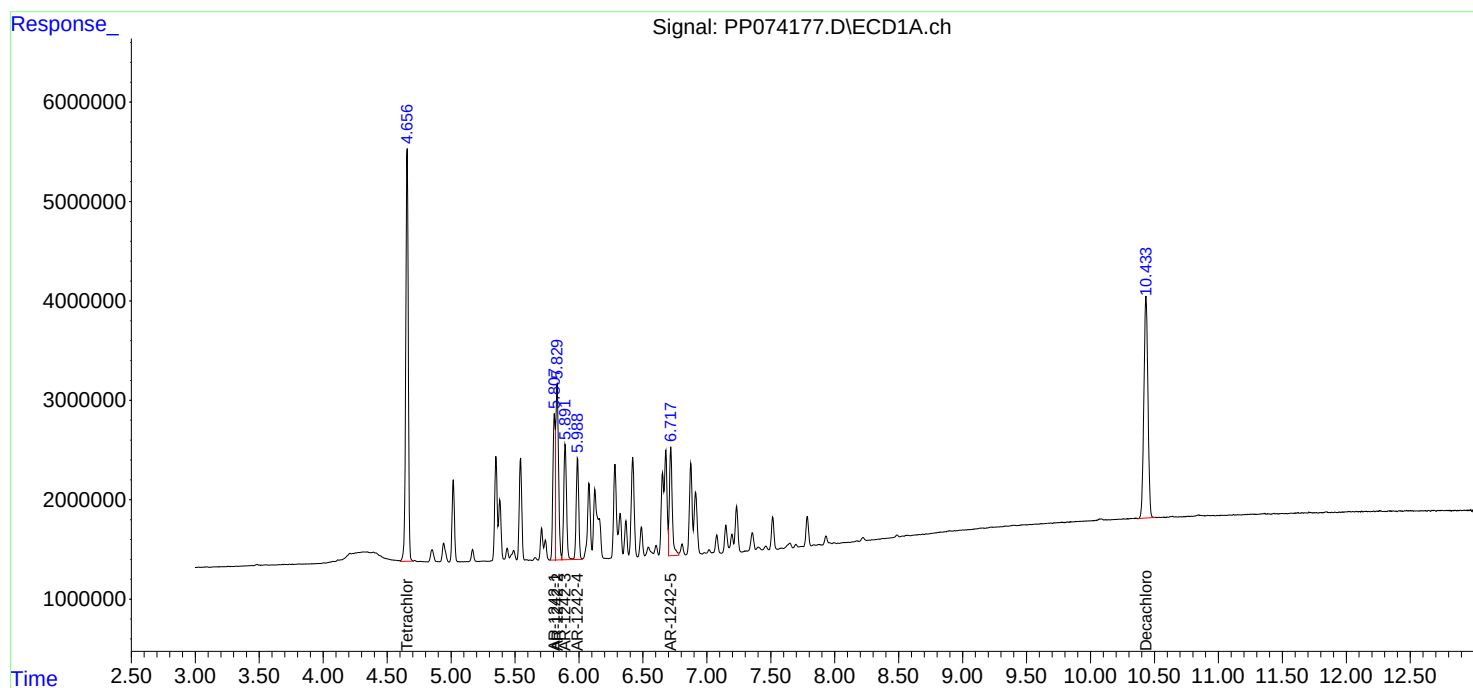
Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

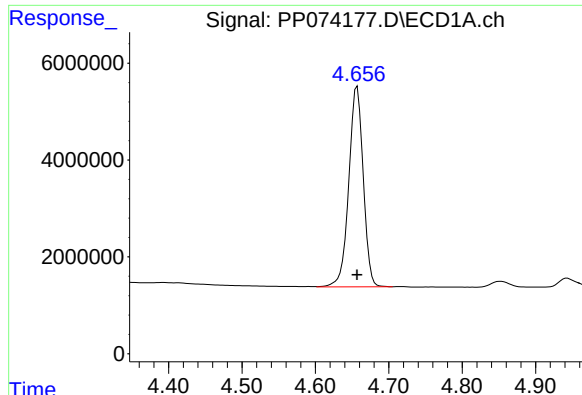
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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





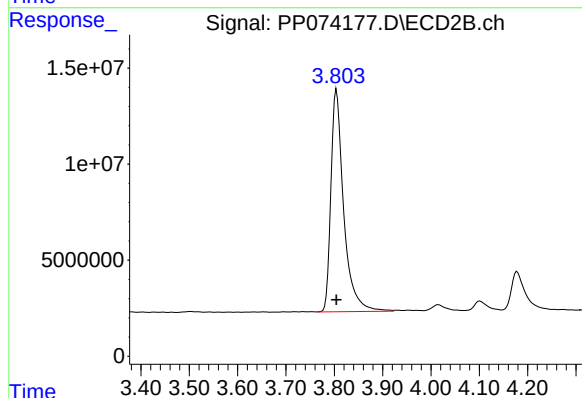
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

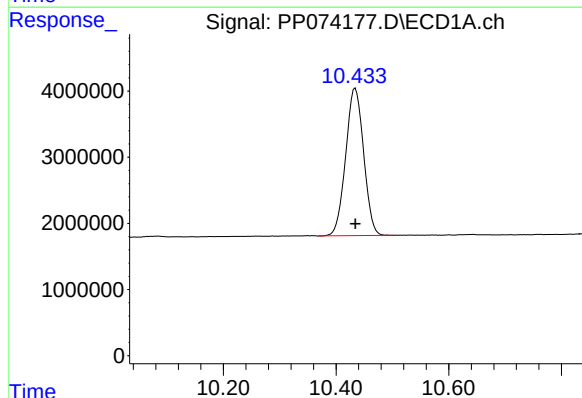
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



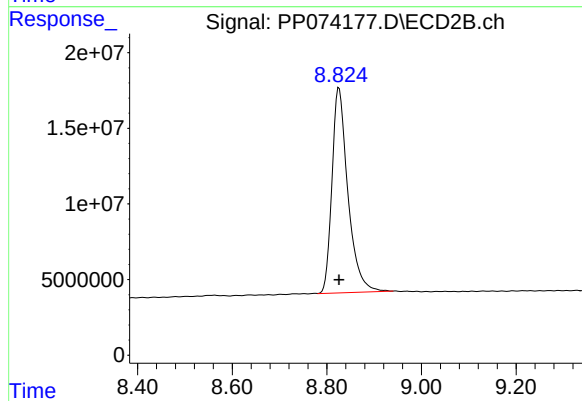
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



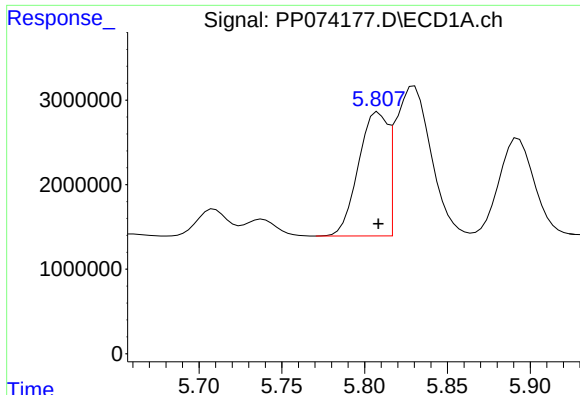
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



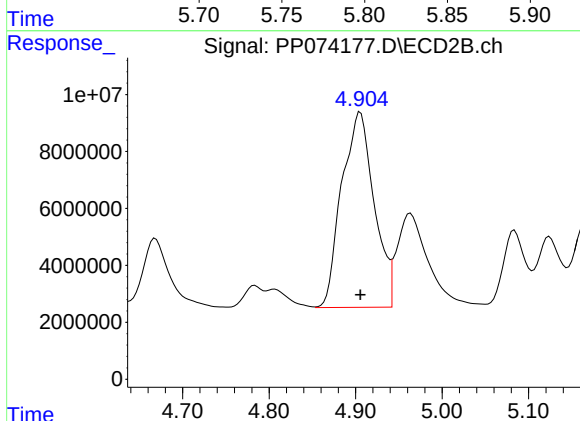
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

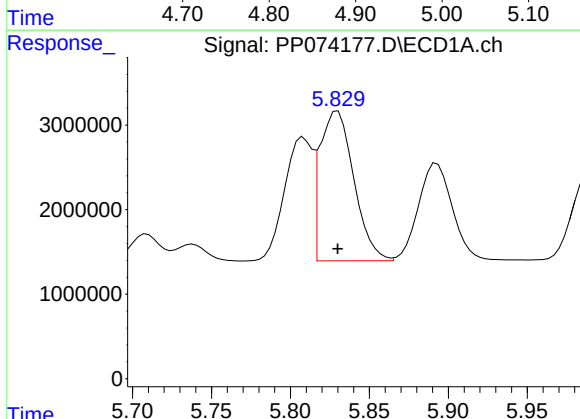
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



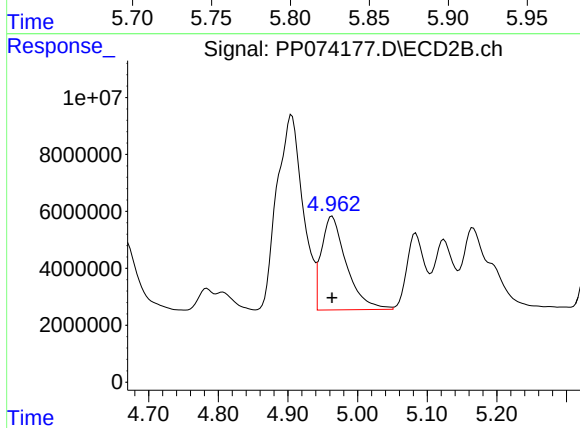
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



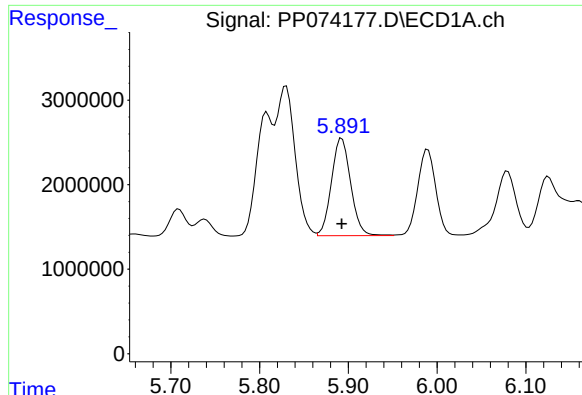
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



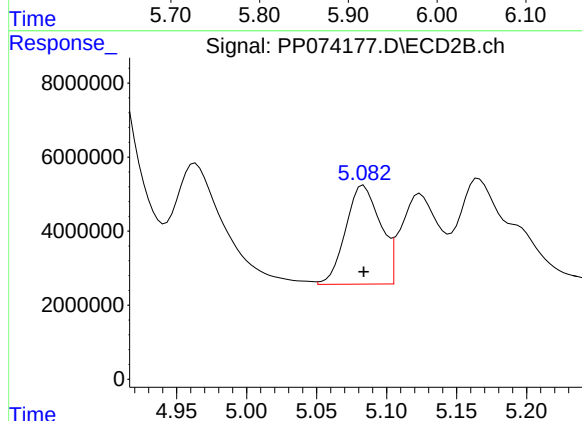
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

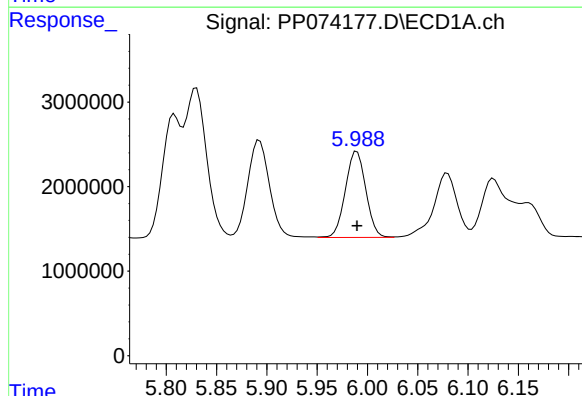
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



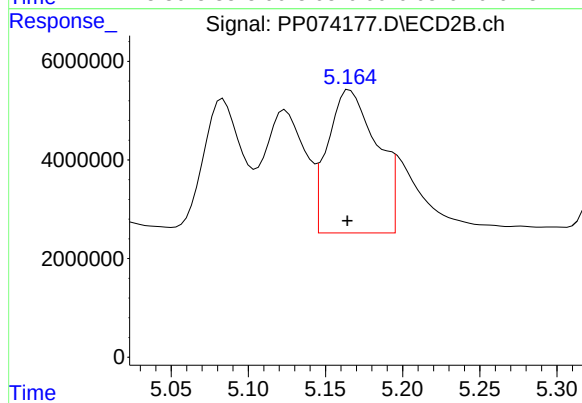
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



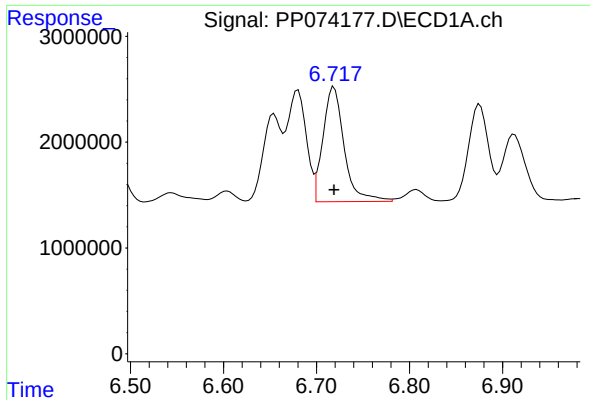
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 63188535
Conc: 505.33 ng/ml m



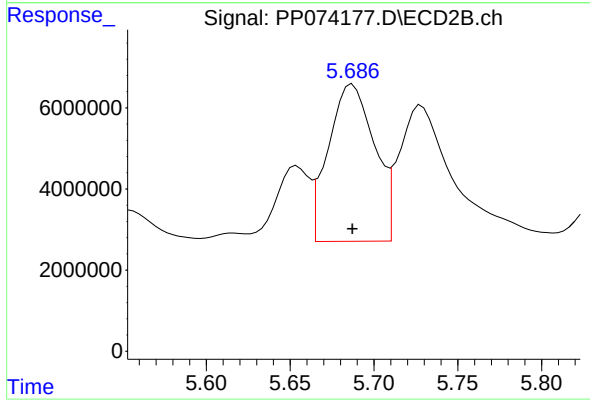
#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 17203244
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 74177320
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074178.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 15:19
 Operator : YP\AJ
 Sample : AR1242ICC250
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:30:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:20:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.662	3.805	30064825	99448361	26.997	23.506
2) SA Decachlor...	10.436	8.824	26416078	156.4E6	27.507	25.039
Target Compounds						
16) L4 AR-1242-1	5.812	4.906	9924005	89565172	282.440	255.127
17) L4 AR-1242-2	5.834	4.964	14472673	42174411	278.680	252.533
18) L4 AR-1242-3	5.897	5.084	9547202	24305838	282.294	256.293
19) L4 AR-1242-4	5.994	5.165	7737538	30145402	277.699	249.527m
20) L4 AR-1242-5	6.721	5.687	9674193	38870481	289.648m	260.436

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

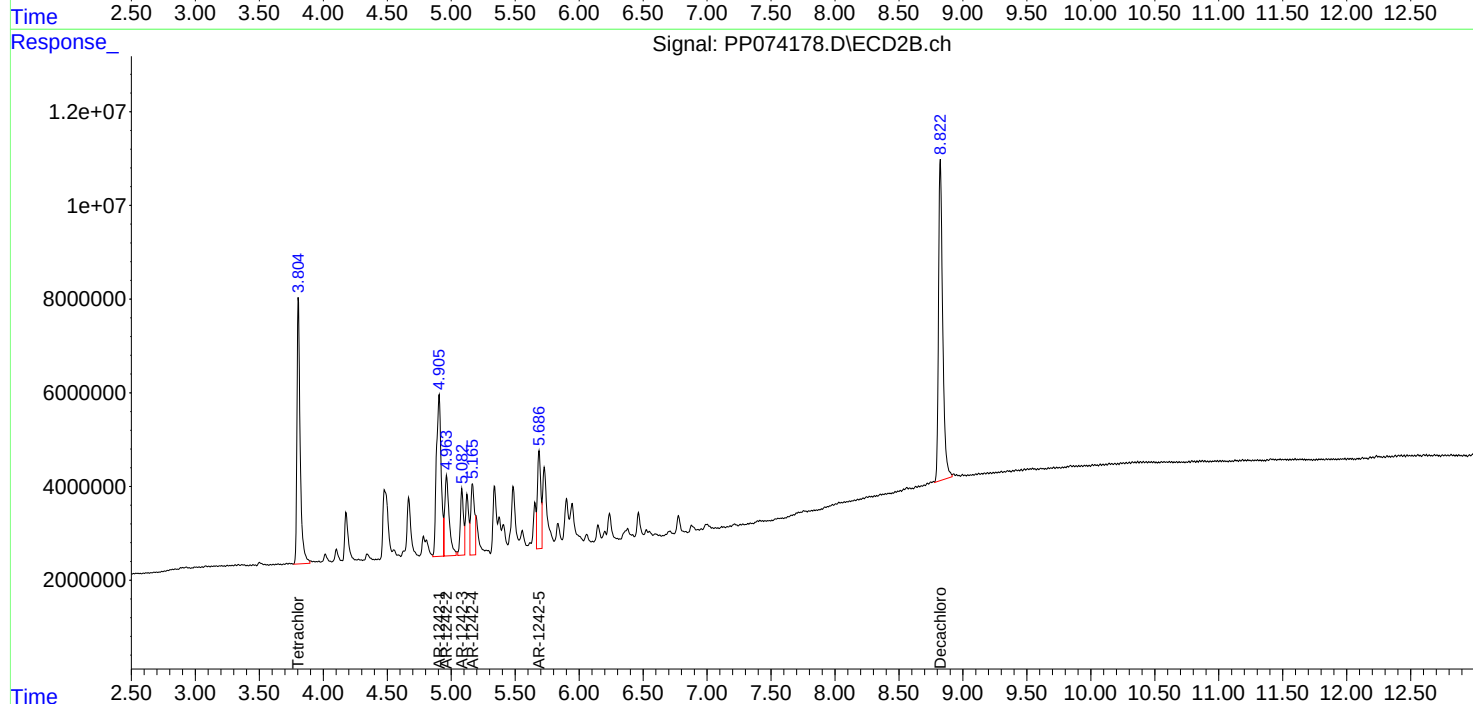
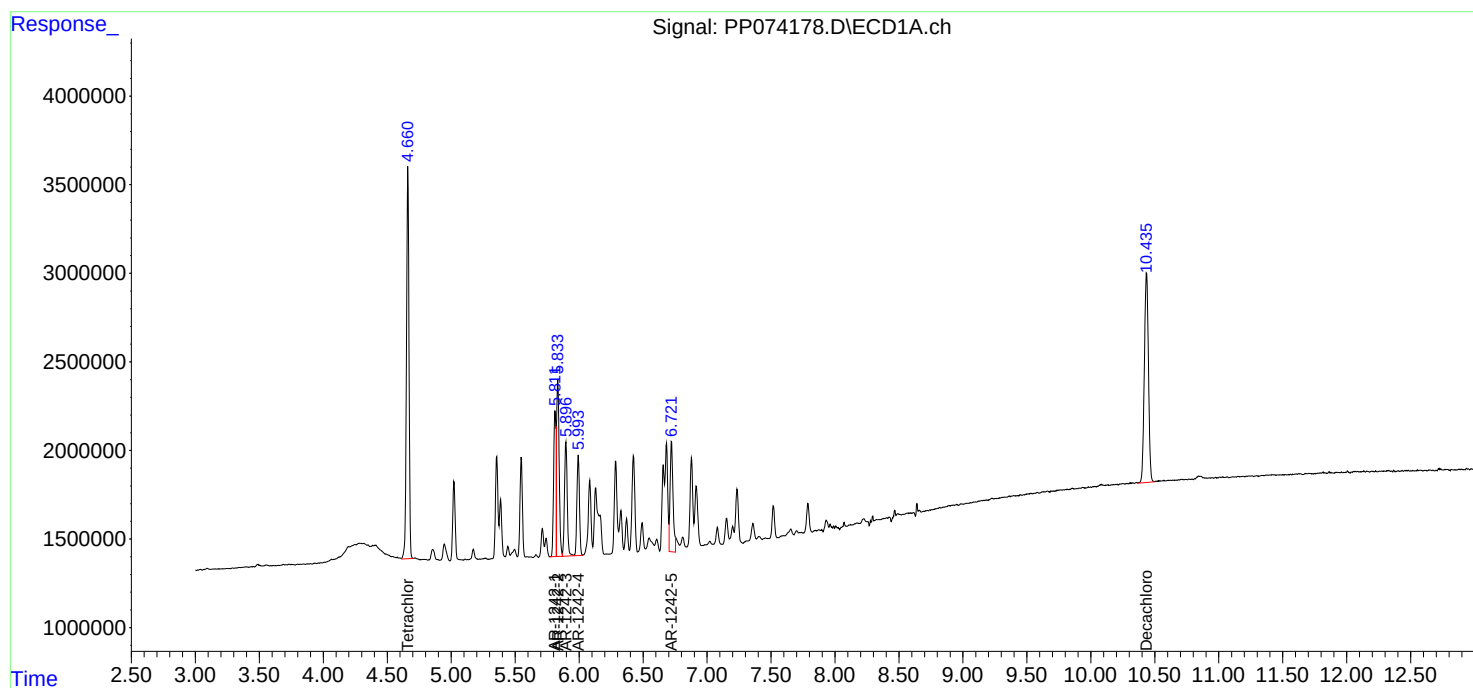
Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

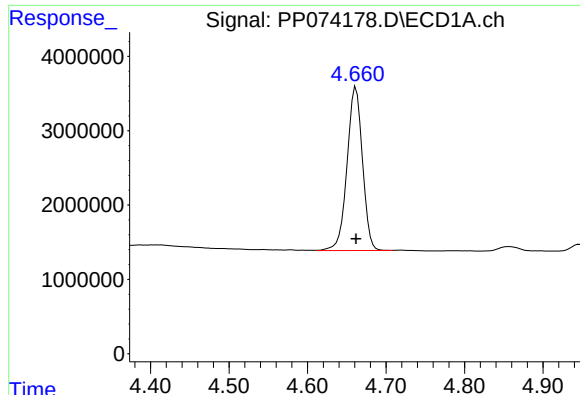
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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





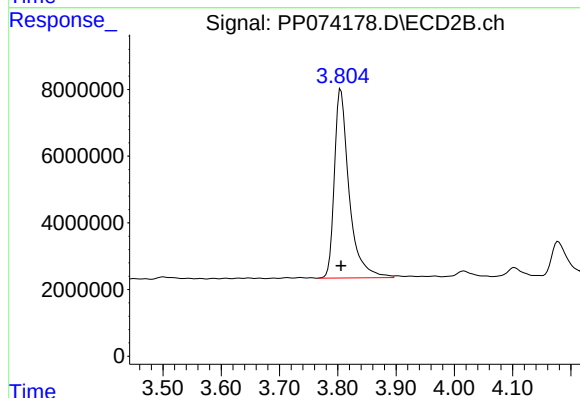
#1 Tetrachloro-m-xylene

R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

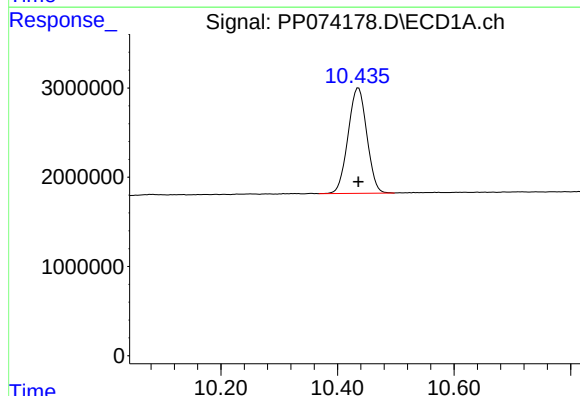
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



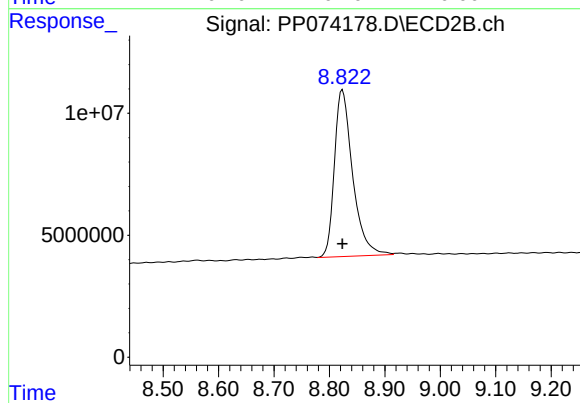
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



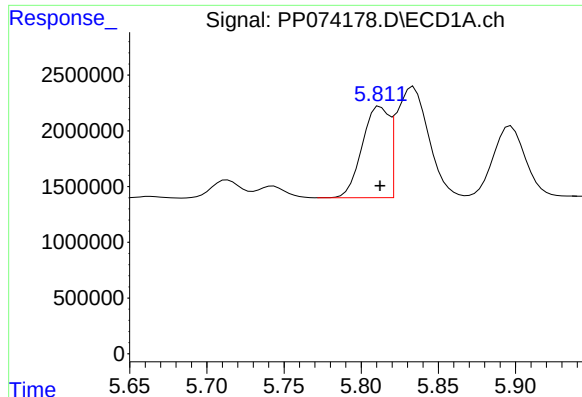
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



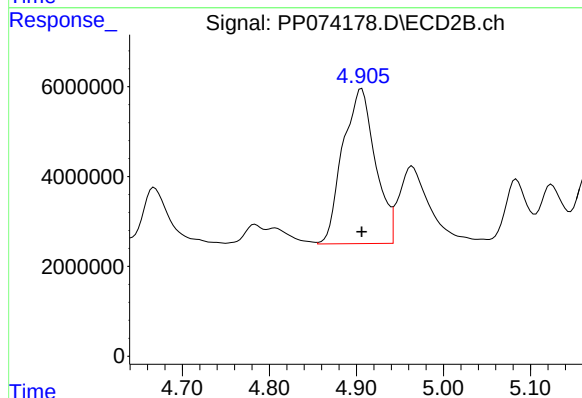
#16 AR-1242-1

R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

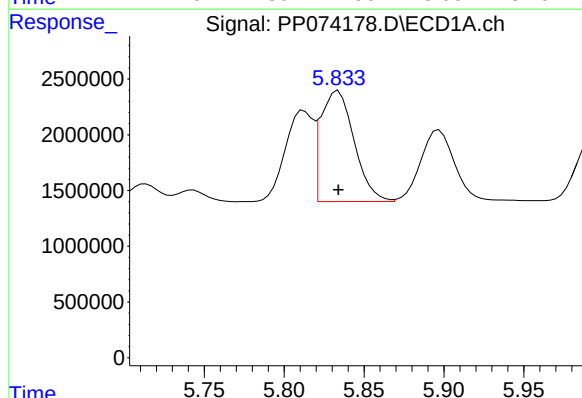
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



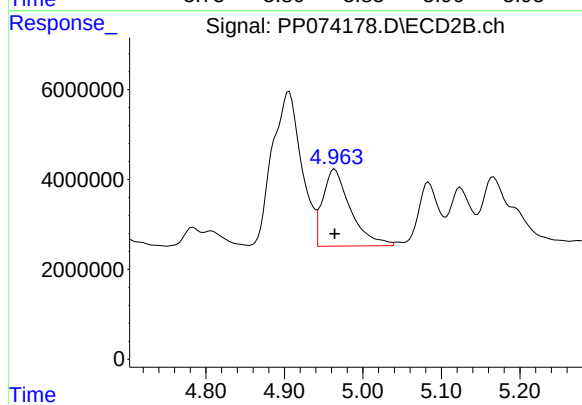
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



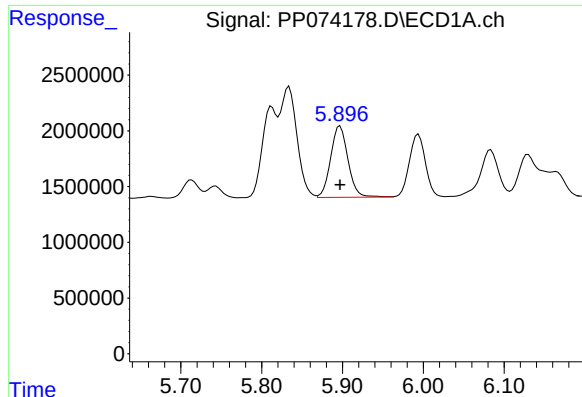
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



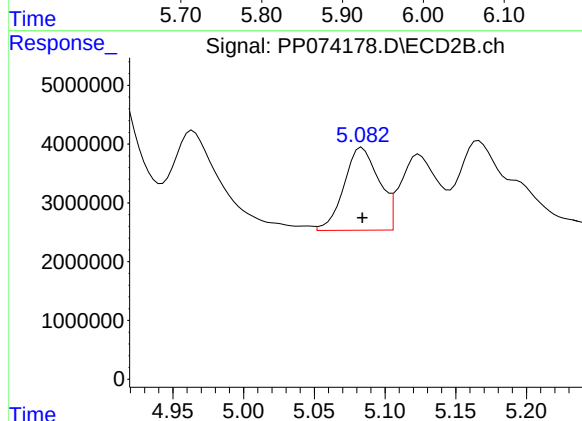
#18 AR-1242-3

R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

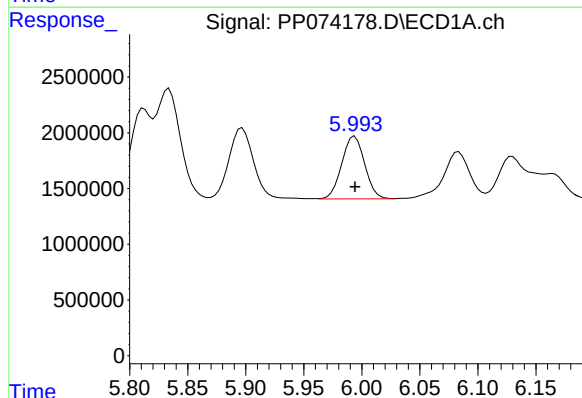
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



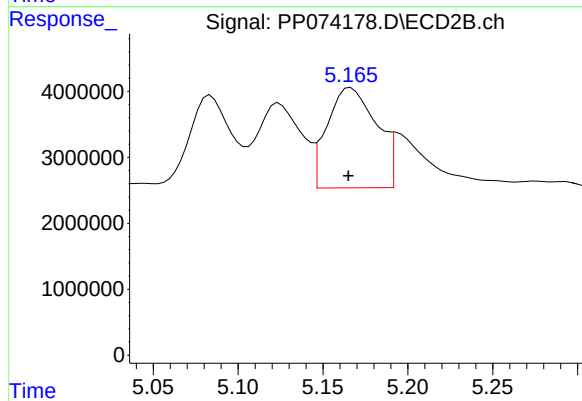
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



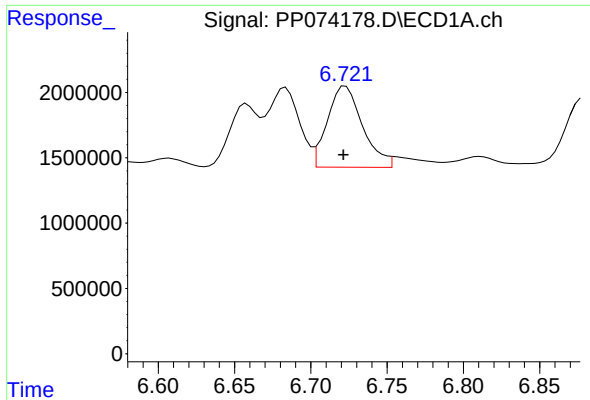
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 30145402
Conc: 249.53 ng/ml m



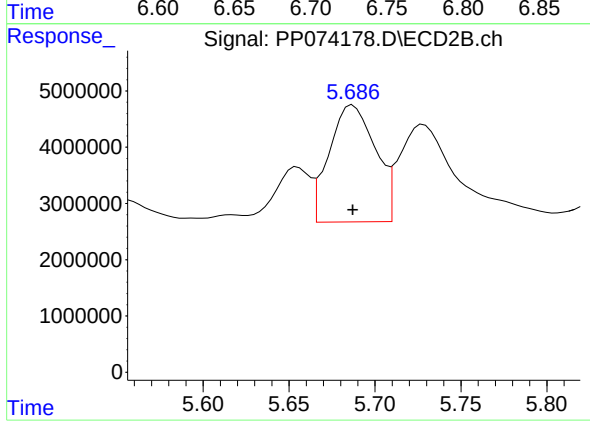
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 9674193
Conc: 289.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38870481
Conc: 260.44 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 15:36
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:58:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:57:36 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.802	6853903	15691561	5.892m	3.915m#
2) SA Decachlor...	10.432	8.821	6026260	28194628	5.971	4.604
Target Compounds						
16) L4 AR-1242-1	5.810	4.903	2289125	16072866	61.427	46.569
17) L4 AR-1242-2	5.832	4.962	3215660	7443347	59.102	45.559
18) L4 AR-1242-3	5.895	5.082	2169957	4094869	60.722	44.390 #
19) L4 AR-1242-4	5.991	5.163	1732044	5803584	59.279	48.597
20) L4 AR-1242-5	6.720	5.686	2173540	7539678	56.364m	50.412

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

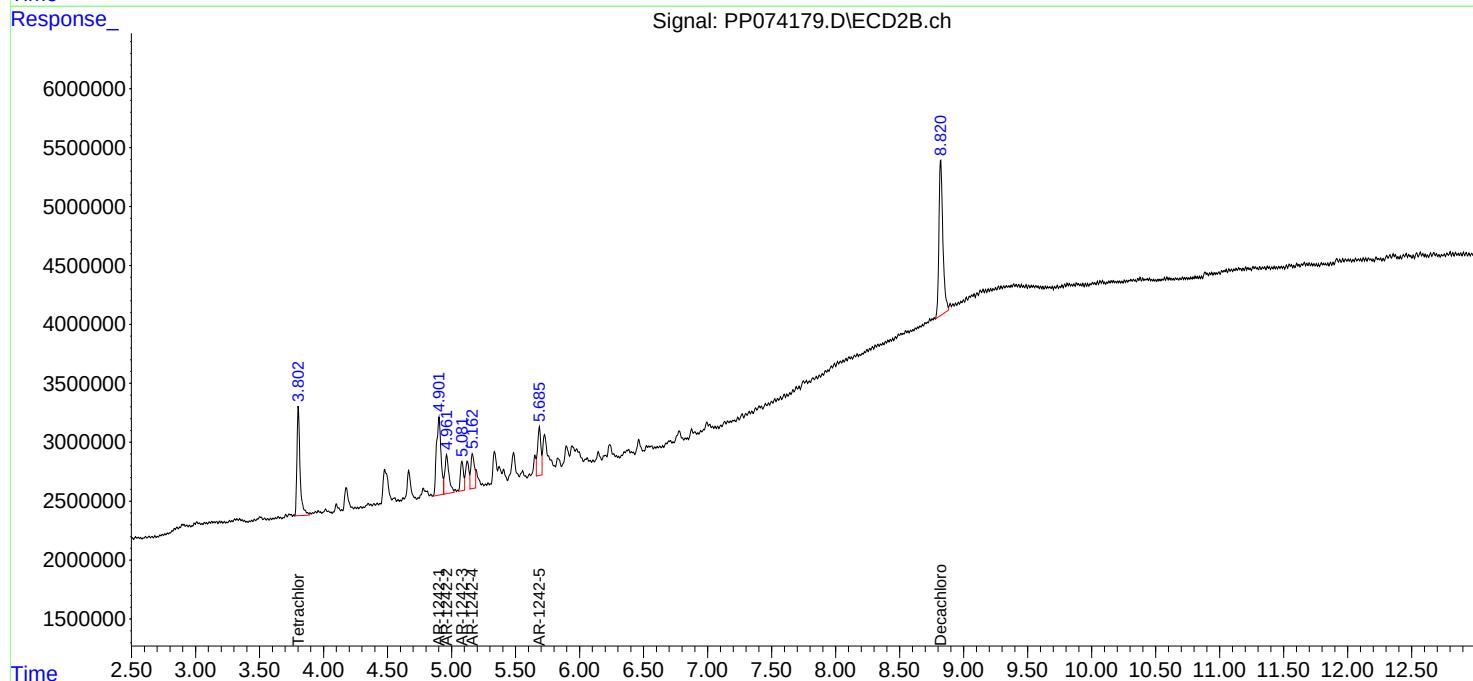
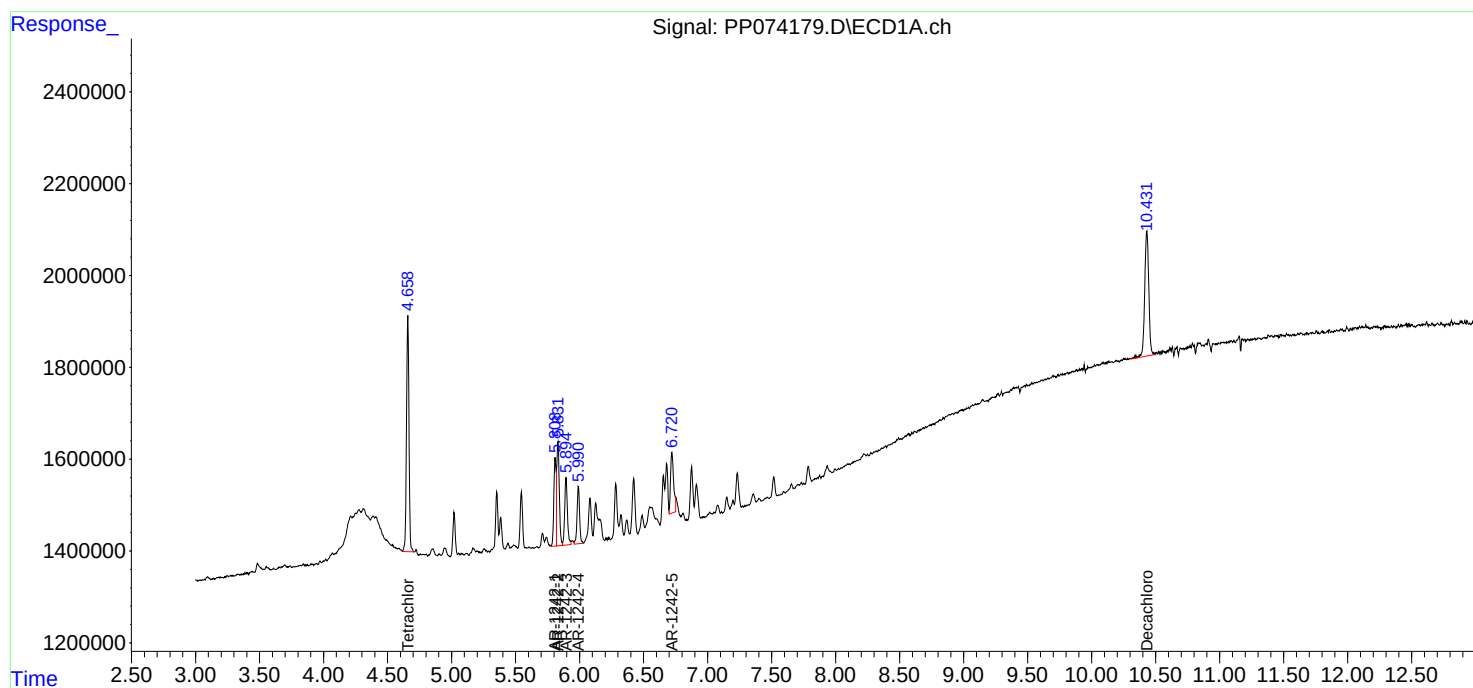
Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

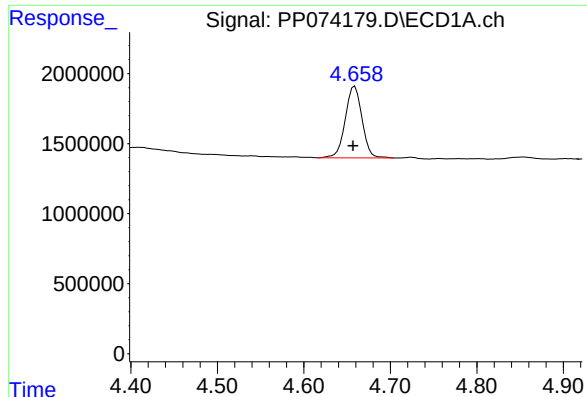
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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





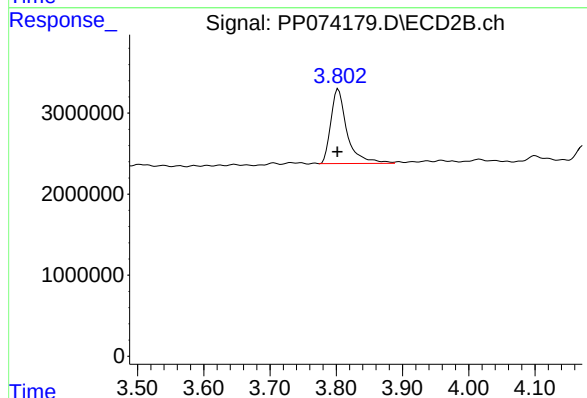
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 6853903
Conc: 5.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

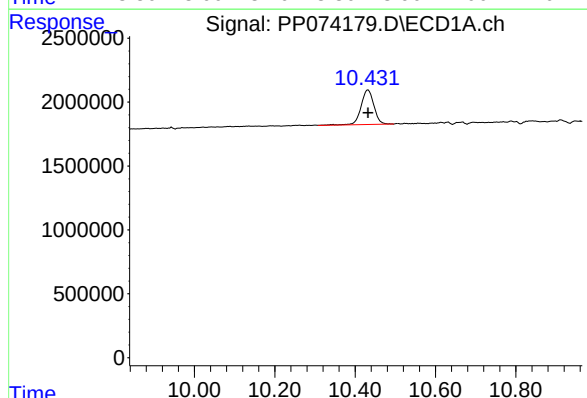
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



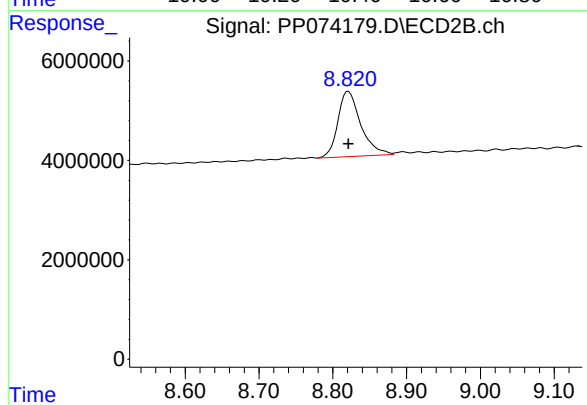
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 15691561
Conc: 3.91 ng/ml m



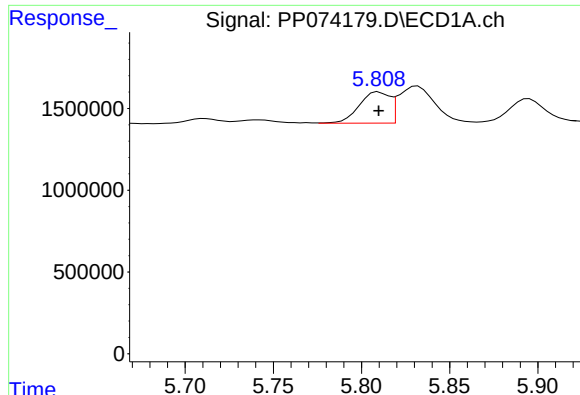
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



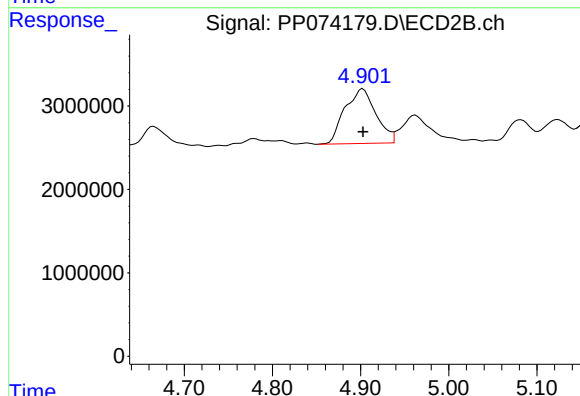
#16 AR-1242-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

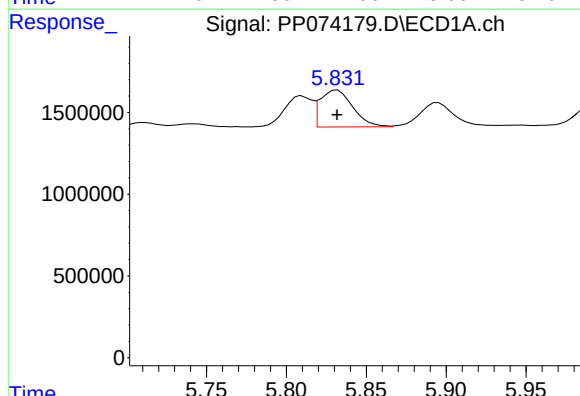
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



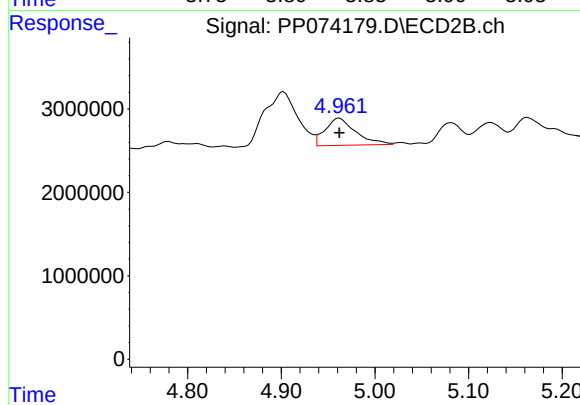
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



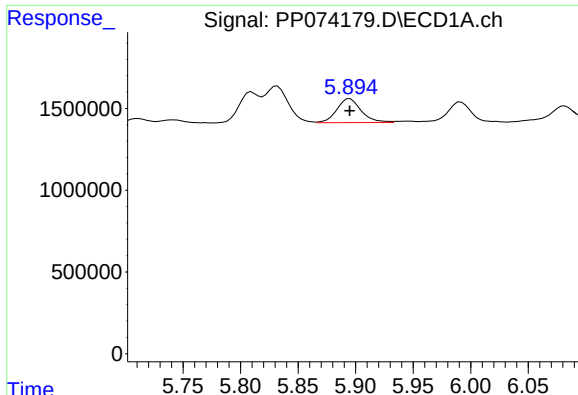
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



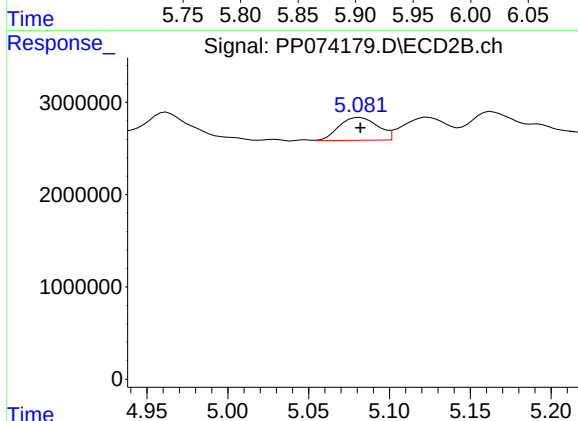
#18 AR-1242-3

R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

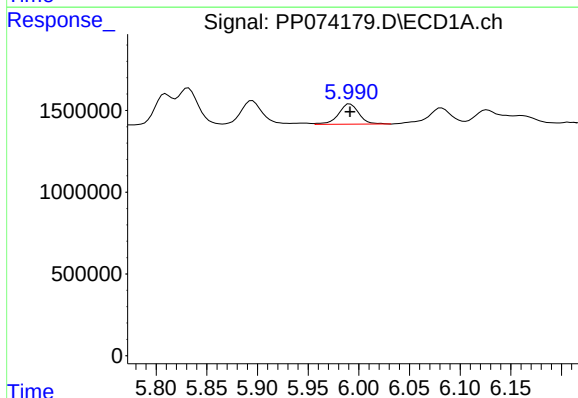
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



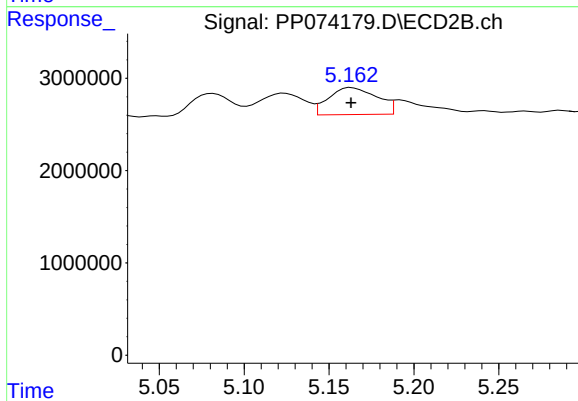
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



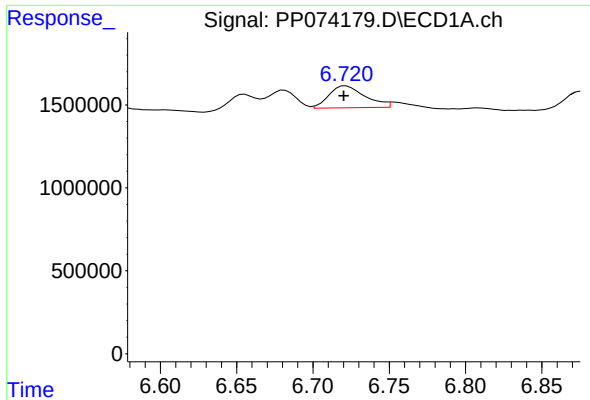
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



#20 AR-1242-5

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 2173540
Conc: 56.36 ng/ml

Instrument :

ECD_P

ClientSampleId :

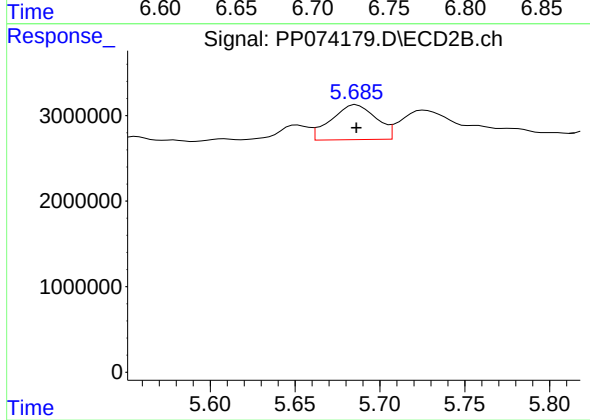
AR1242ICC050

Manual Integrations

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Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 7539678
Conc: 50.41 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 16:57
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 23:35:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 23:33:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.805	54922987	197.2E6	50.000	50.000
2) SA Decachlor...	10.433	8.824	48401219	304.7E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.810	4.903	14191296	111.8E6	500.000	500.000
22) L5 AR-1248-2	6.082	5.124	20093773	73885161	500.000	500.000
23) L5 AR-1248-3	6.284	5.164	22320416	89773071	500.000	477.333m
24) L5 AR-1248-4	6.682	5.338	25791080	83528426	500.000	500.000
25) L5 AR-1248-5	6.721	5.727	26620059	151.4E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

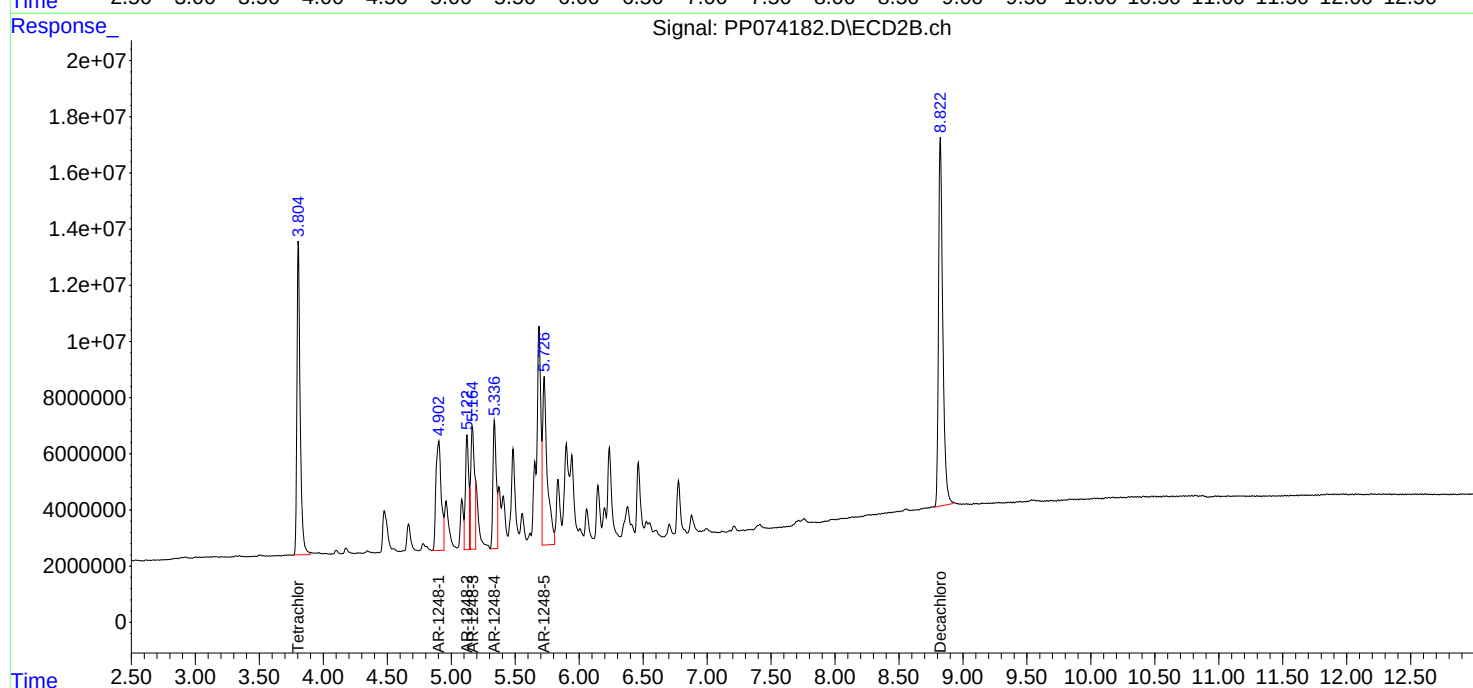
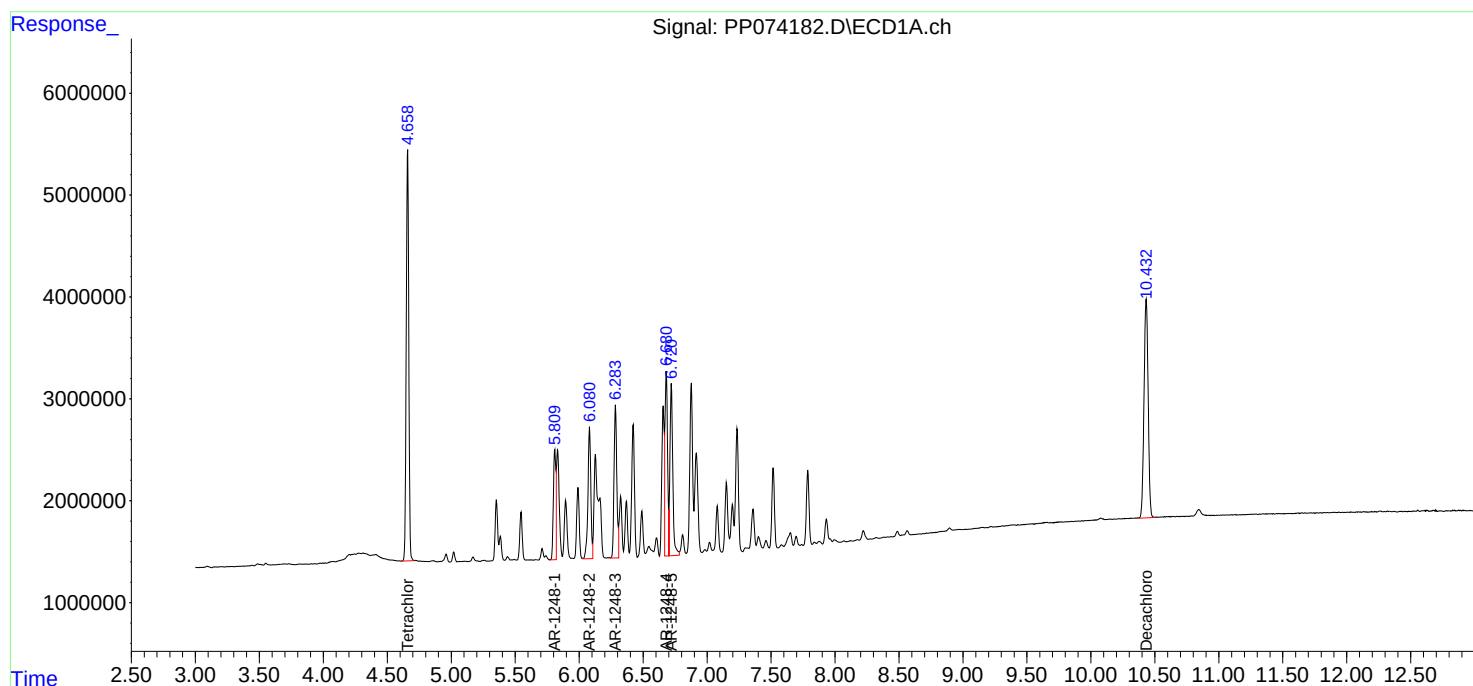
Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

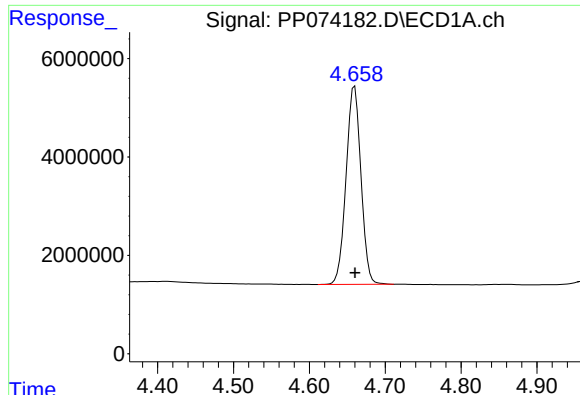
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 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





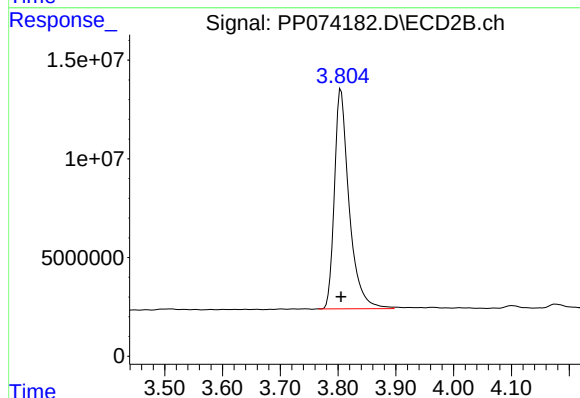
#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

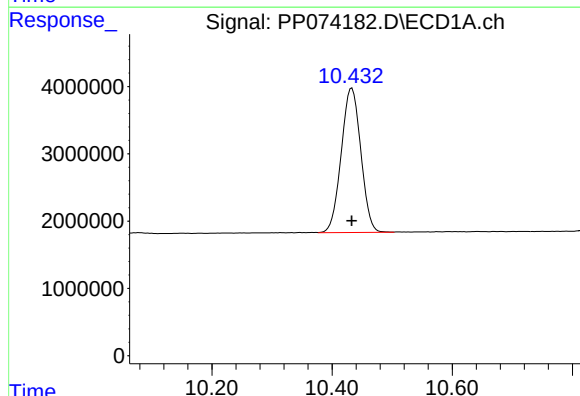
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



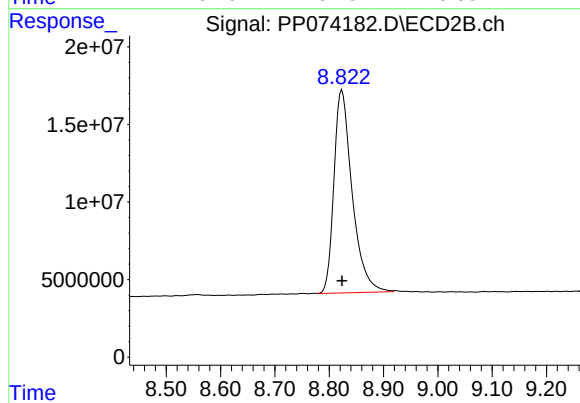
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



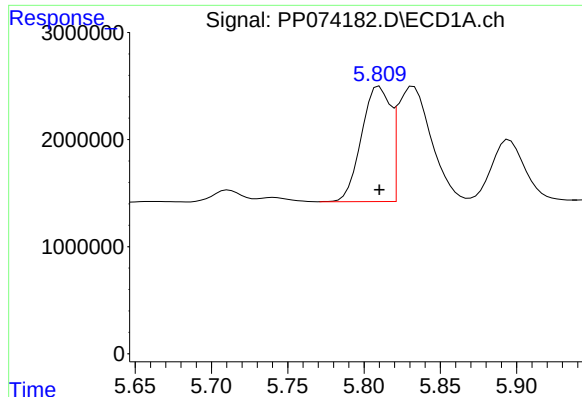
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



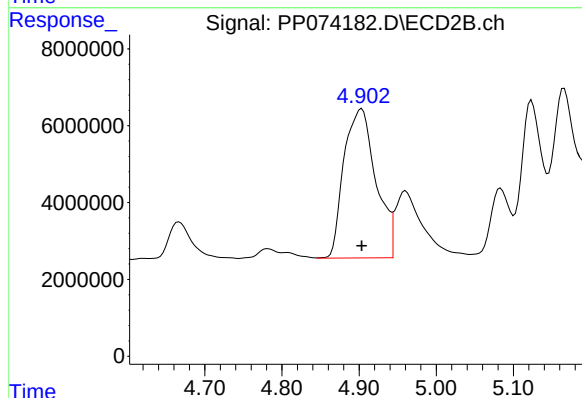
#21 AR-1248-1

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

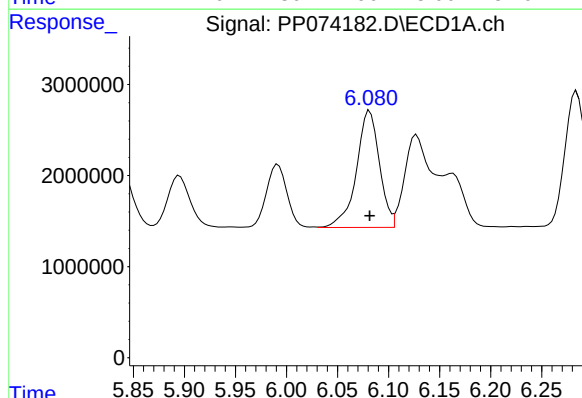
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



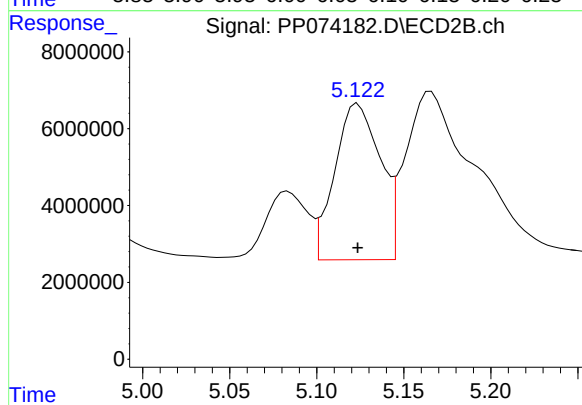
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



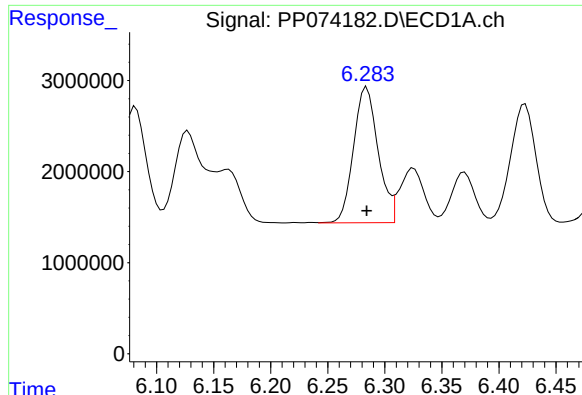
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



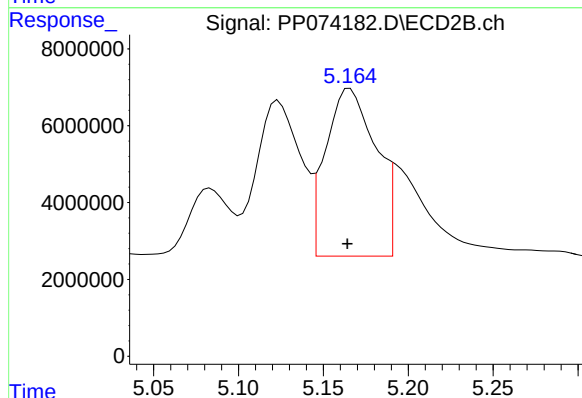
#23 AR-1248-3

R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

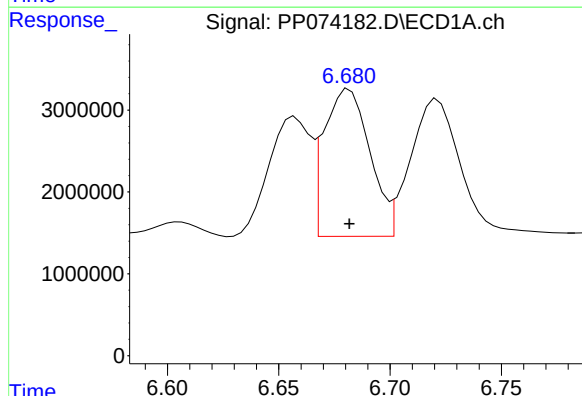
Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



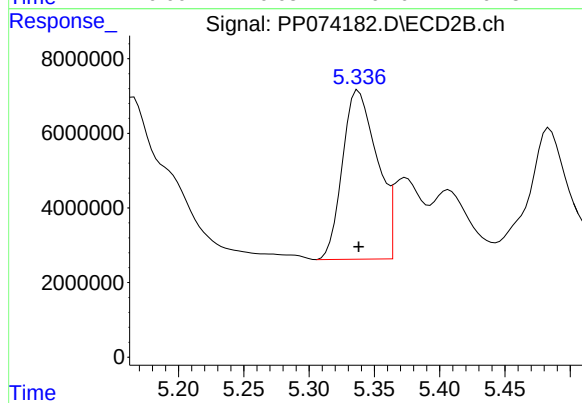
#23 AR-1248-3

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 89773071
Conc: 477.33 ng/ml m



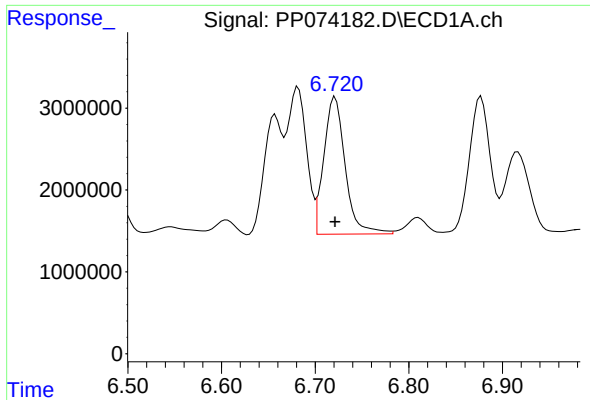
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



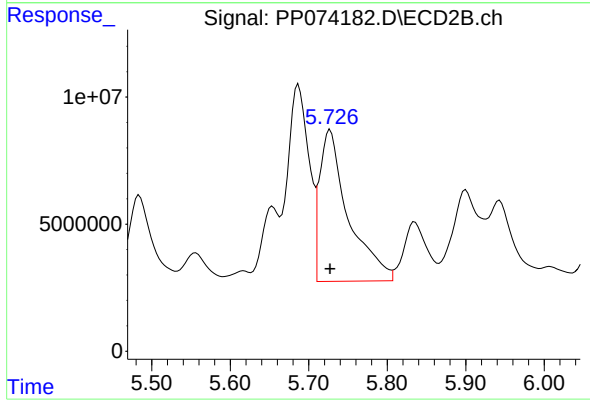
#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 26620059
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Manual Integrations
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#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 151391354
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074185.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 18:02
 Operator : YP\AJ
 Sample : AR1254ICC1000
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC1000

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:47:02 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 00:46:23 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...	4.660	3.805	105.5E6	435.9E6	94.708	107.891
2) SA Decachlor...	10.433	8.824	90161394	620.7E6	92.084	101.439
Target Compounds						
26) L6 AR-1254-1	6.658	5.689	49559228	384.6E6	913.982m	998.639
27) L6 AR-1254-2	6.875	5.835	70079706	284.4E6	896.542	1000.895
28) L6 AR-1254-3	7.237	6.238	76495408	520.2E6	905.487	1022.453
29) L6 AR-1254-4	7.518	6.464	57834344	378.1E6	911.799	1002.531
30) L6 AR-1254-5	7.934	6.880	73335985	425.1E6	909.260	1067.360m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

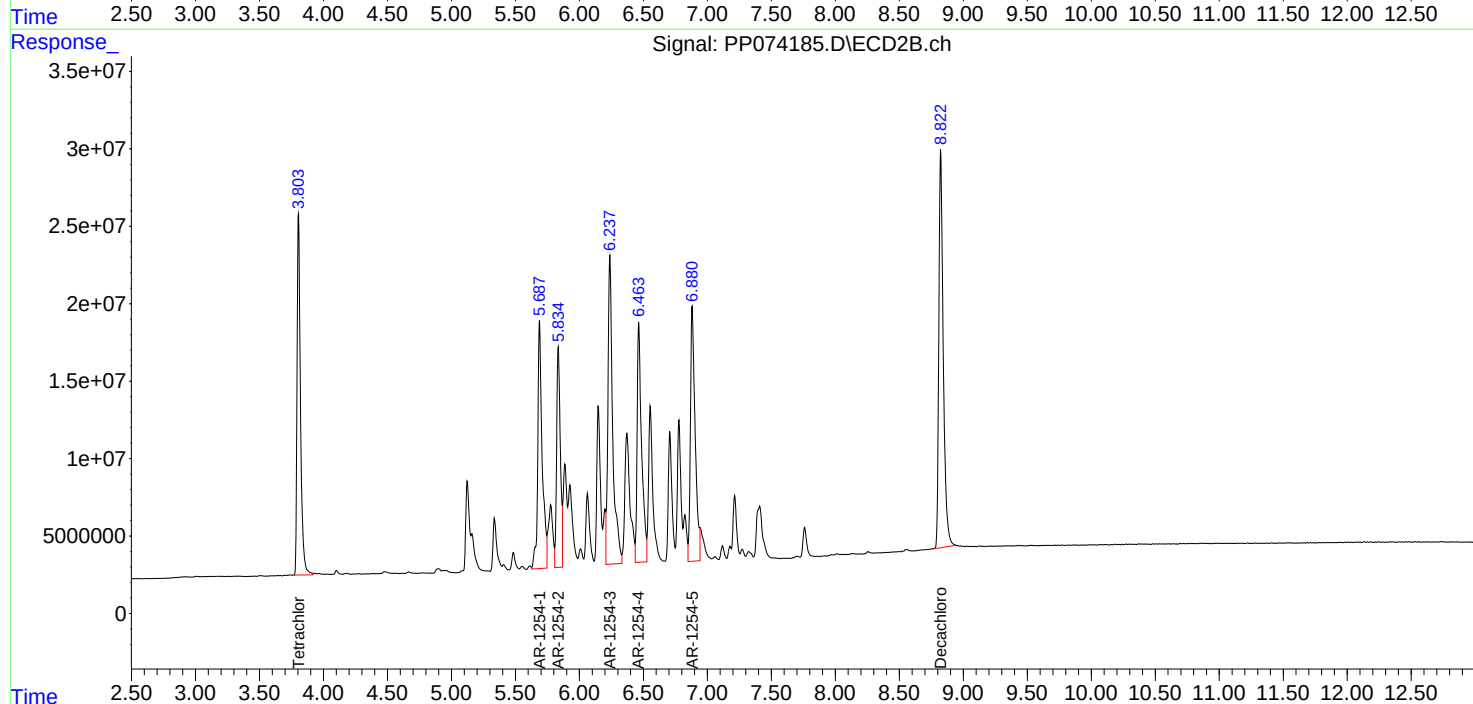
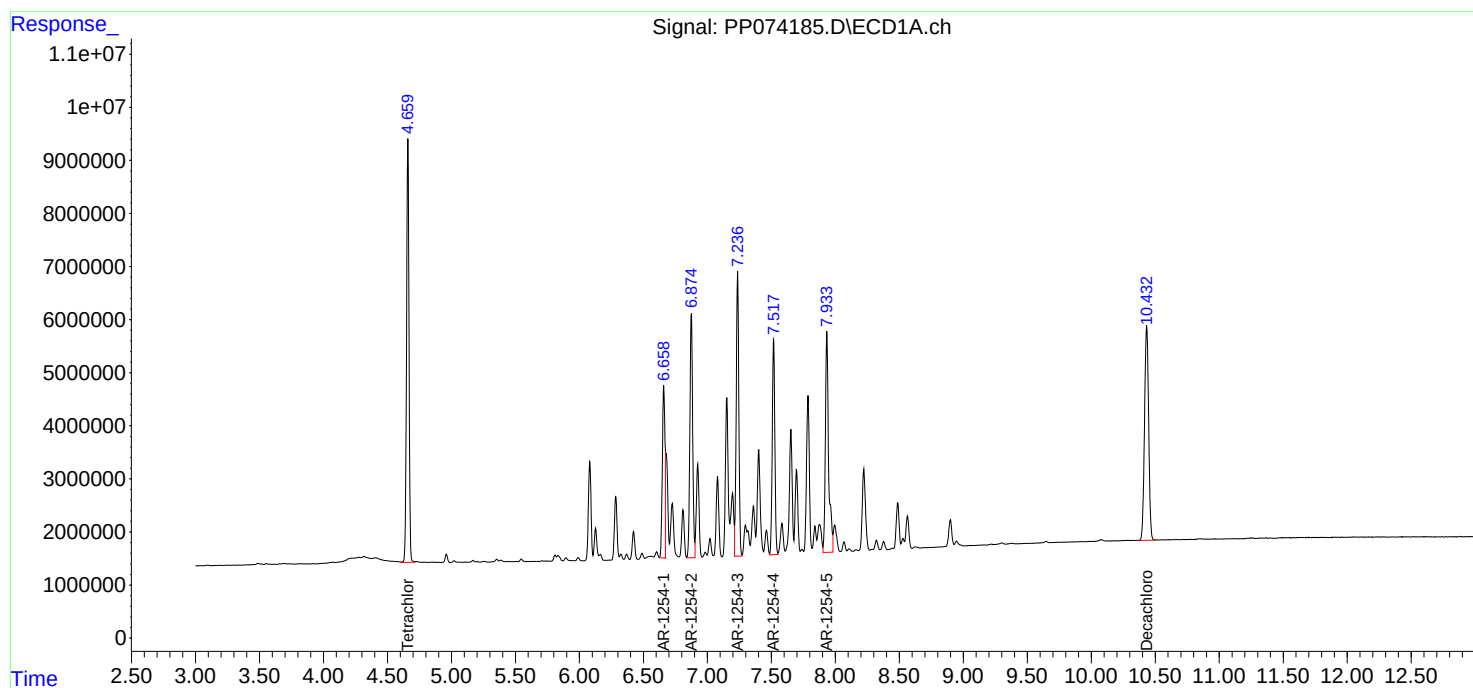
Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm



Response_ Signal: PP074185.D\ECD1A.ch

#1 Tetrachloro-m-xylene

R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :

ECD_P

ClientSampleId :

AR1254ICC1000

Manual Integrations
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Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Time

Response_ Signal: PP074185.D\ECD2B.ch

#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD1A.ch

#2 Decachlorobiphenyl

R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml

Time

Response_ Signal: PP074185.D\ECD2B.ch

#2 Decachlorobiphenyl

Response_ Signal: PP074185.D\ECD1A.ch

#26 AR-1254-1

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 49559228
Conc: 913.98 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
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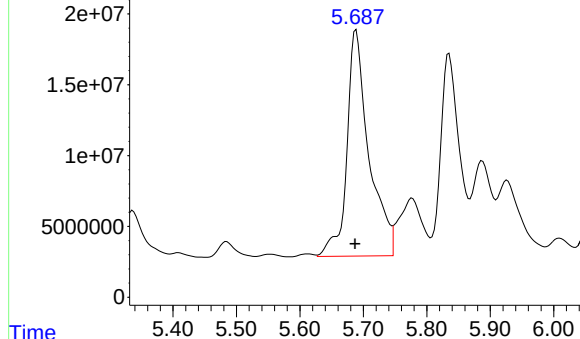
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Time

Response_ Signal: PP074185.D\ECD2B.ch

#26 AR-1254-1

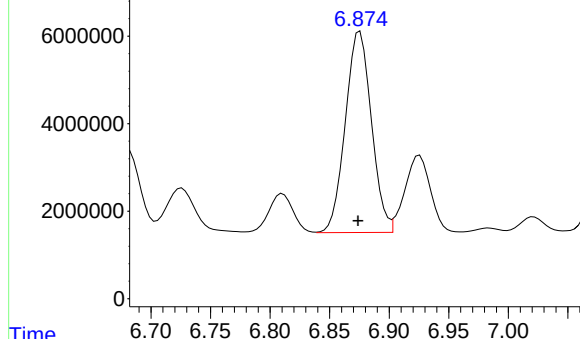
R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



Response_ Signal: PP074185.D\ECD1A.ch

#27 AR-1254-2

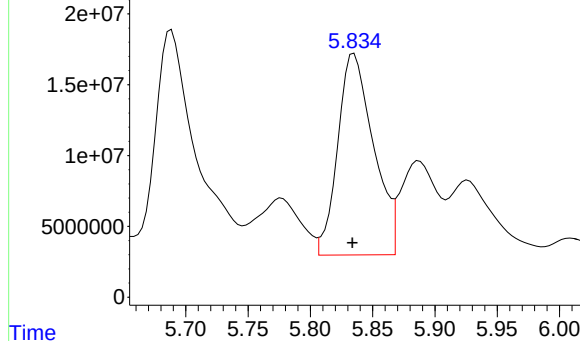
R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml

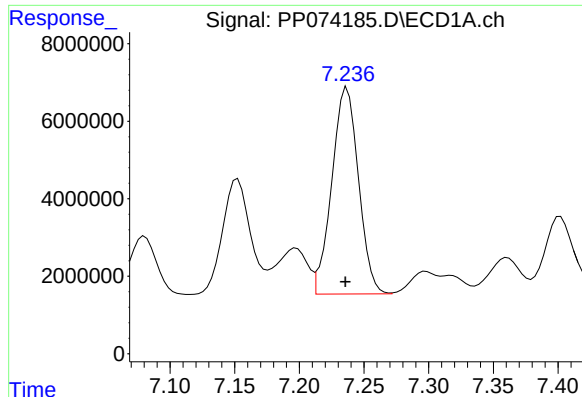


Response_ Signal: PP074185.D\ECD2B.ch

#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml





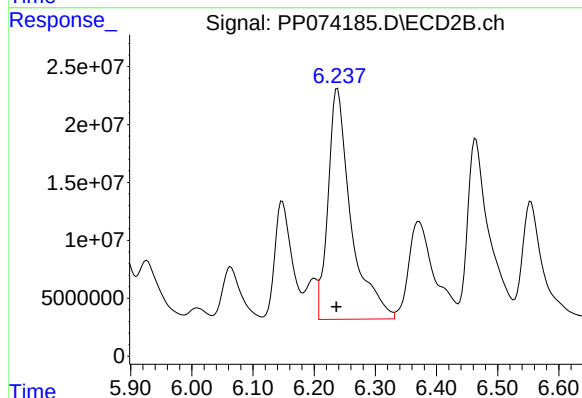
#28 AR-1254-3

R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

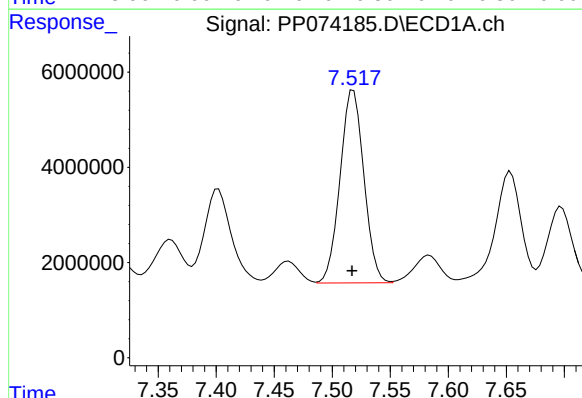
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



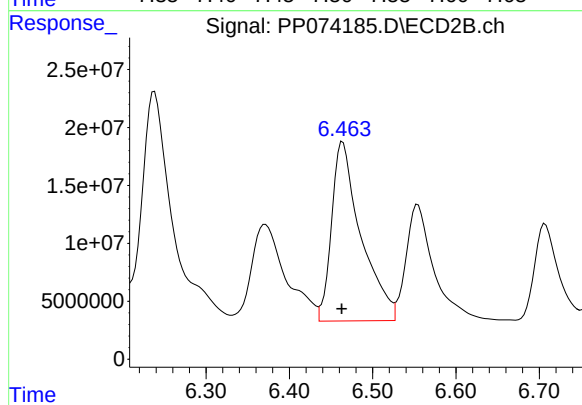
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



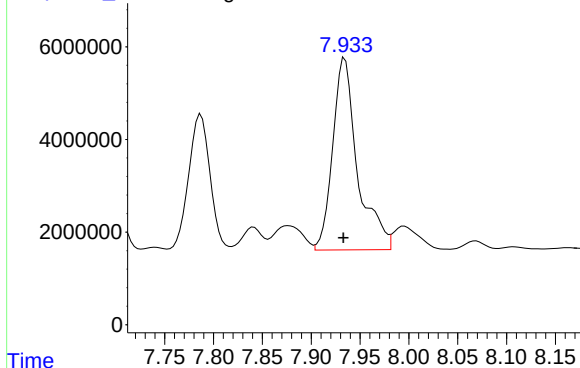
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 73335985
Conc: 909.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Manual Integrations
APPROVED

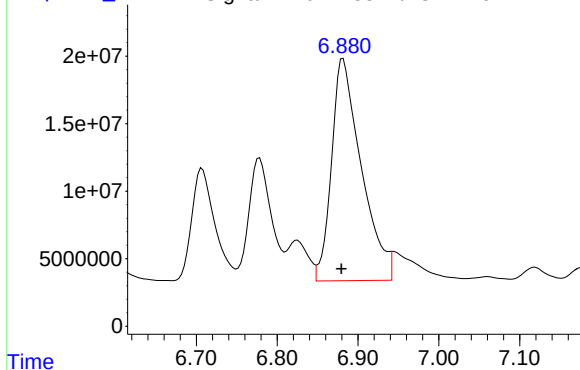
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Time

Response_

Signal: PP074185.D\ECD2B.ch

#30 AR-1254-5



R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 425051302
Conc: 1067.36 ng/ml m

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.659	3.804	80274871	316.5E6	72.041	78.350
2) SA Decachlor...	10.433	8.823	69679431	463.5E6	71.165	75.743
Target Compounds						
26) L6 AR-1254-1	6.657	5.688	37358301	271.1E6	688.970m	703.976
27) L6 AR-1254-2	6.874	5.835	54514978	207.5E6	697.420	730.114
28) L6 AR-1254-3	7.236	6.237	59505451	390.5E6	704.374	767.509
29) L6 AR-1254-4	7.517	6.464	44944937	292.2E6	708.589	774.901
30) L6 AR-1254-5	7.933	6.881	57058661	308.2E6	707.445	773.995

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

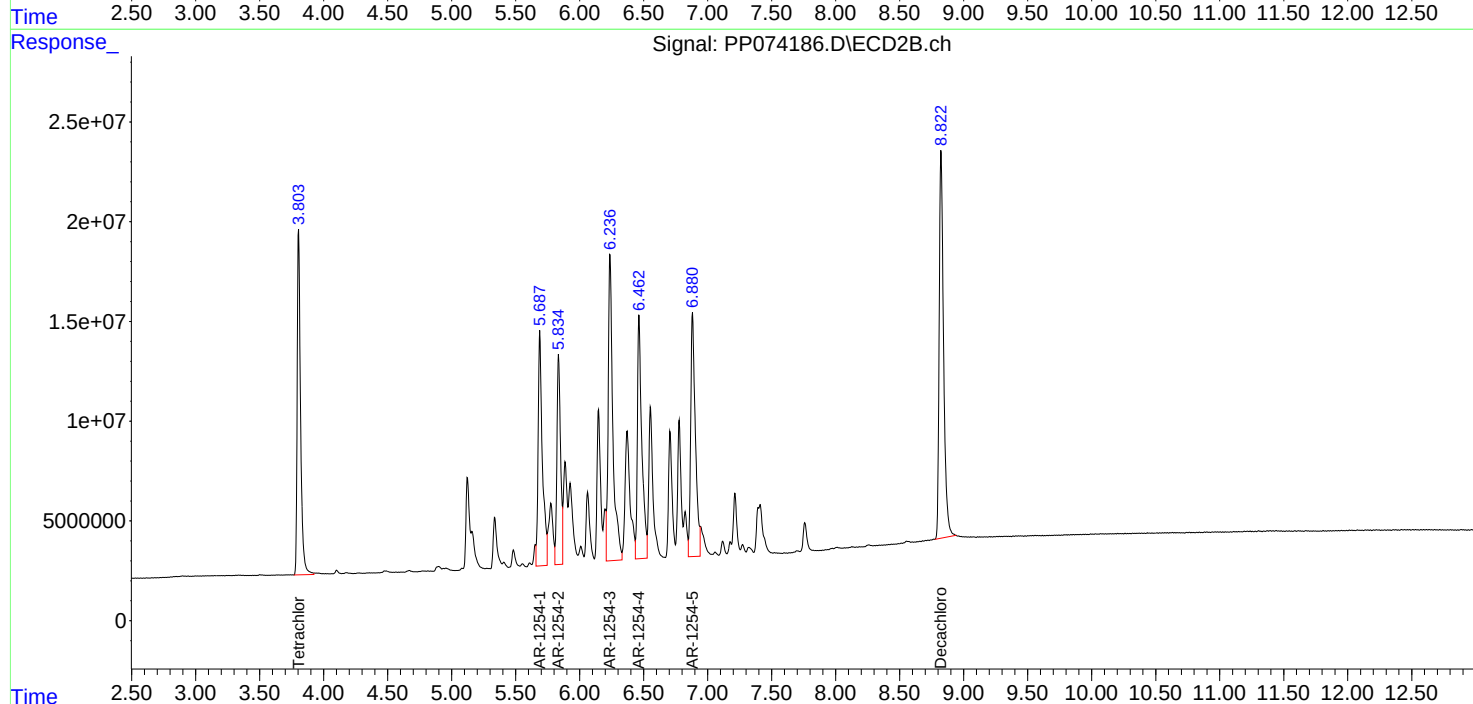
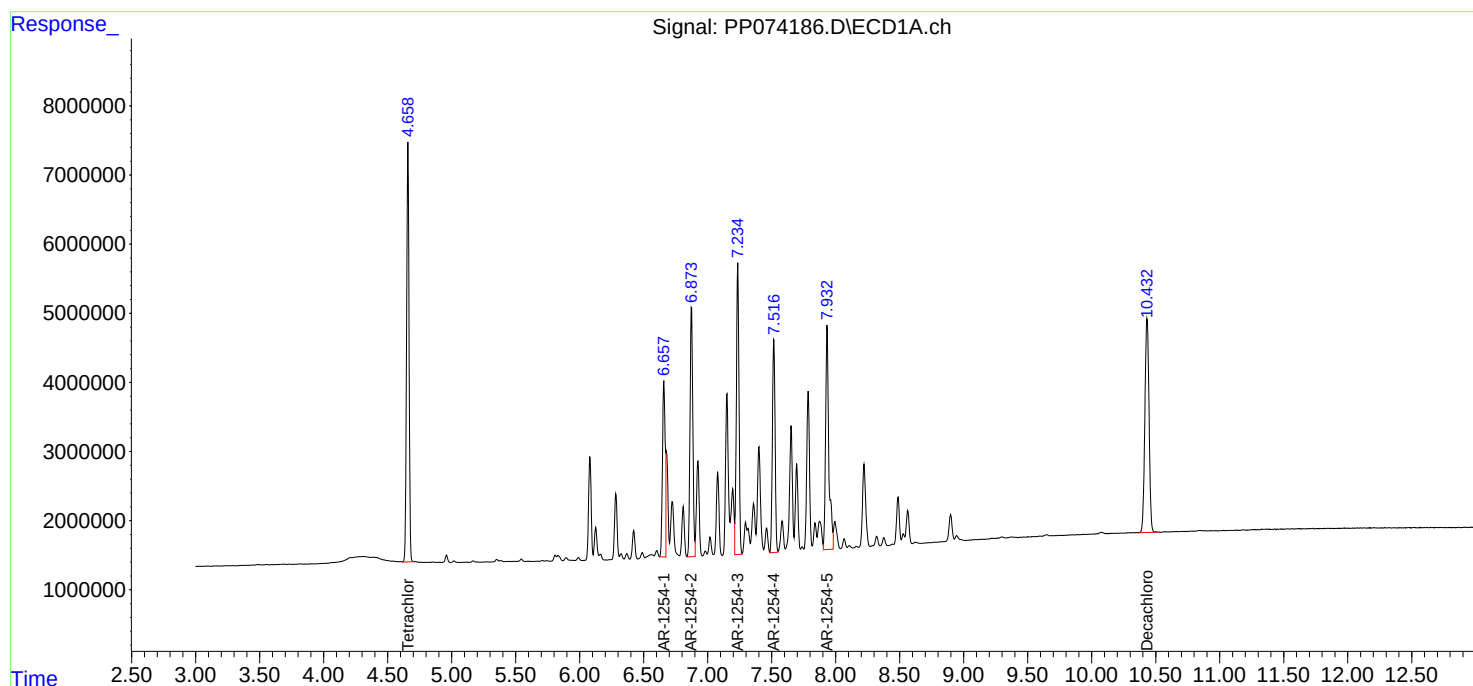
Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

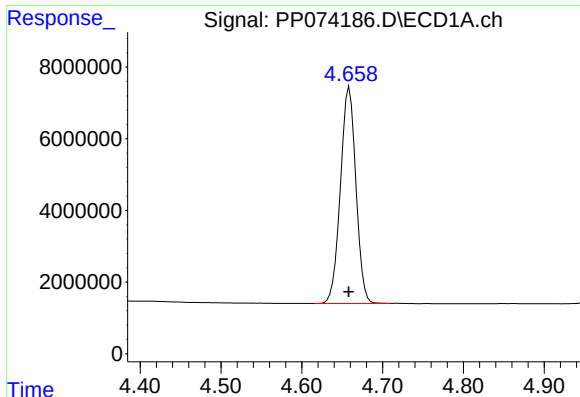
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :

ECD_P

ClientSampleId :

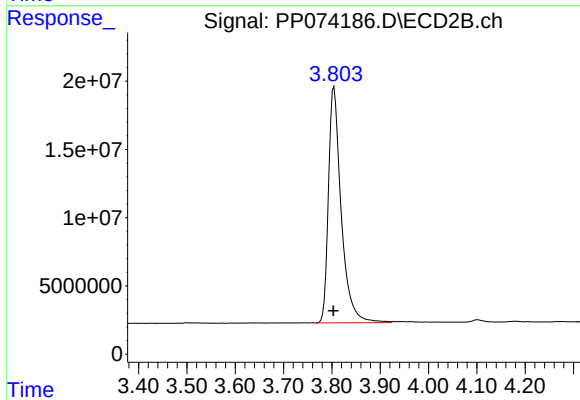
AR1254ICC750

Manual Integrations

APPROVED

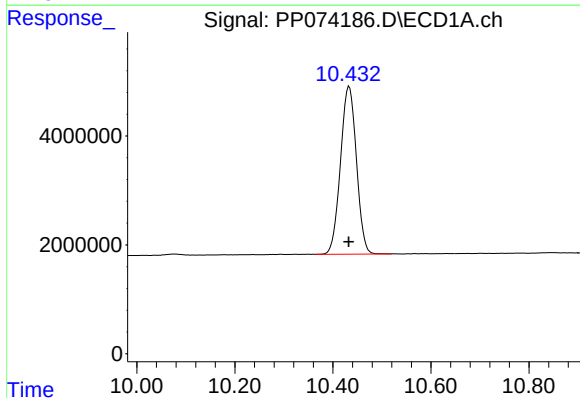
Reviewed By :Yogesh Patel 08/05/2025

Supervised By :mohammad ahmed 08/08/2025



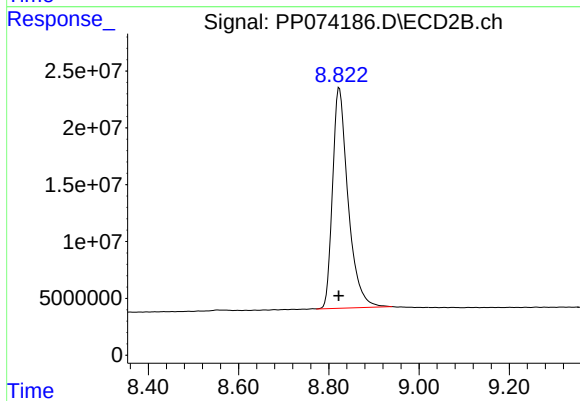
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



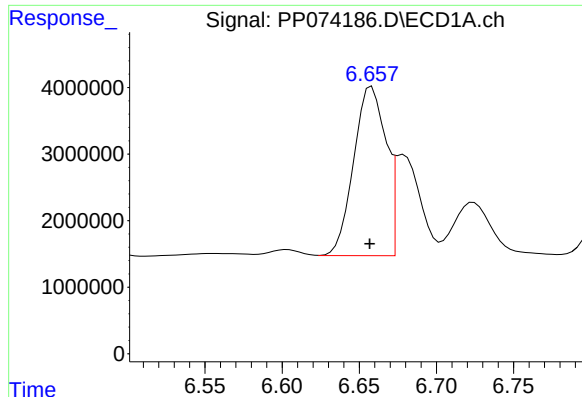
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



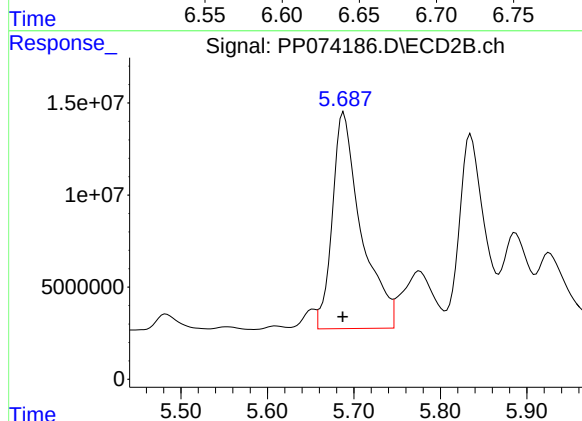
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 37358301
Conc: 688.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

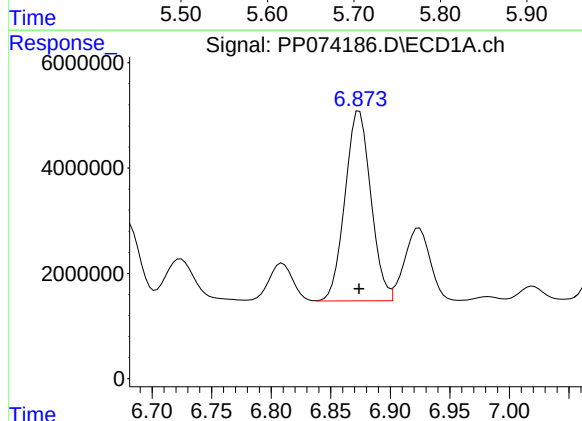
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



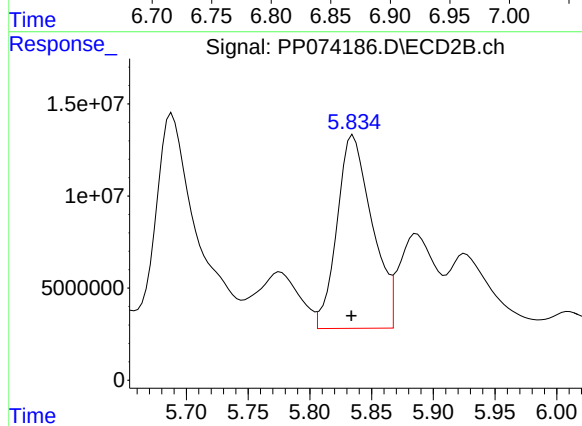
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



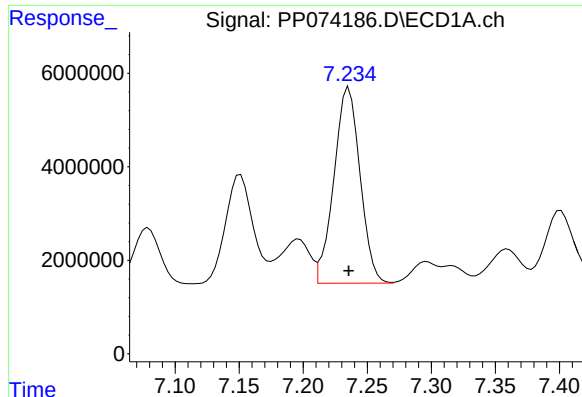
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



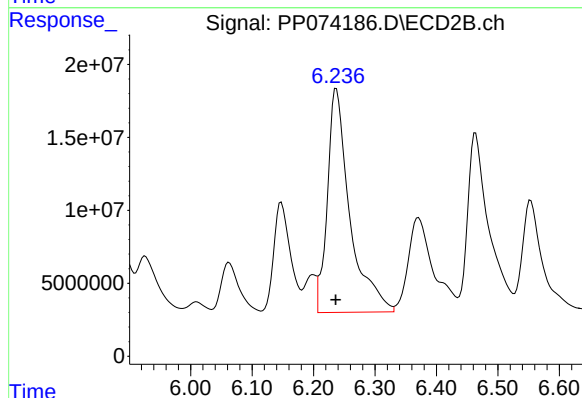
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

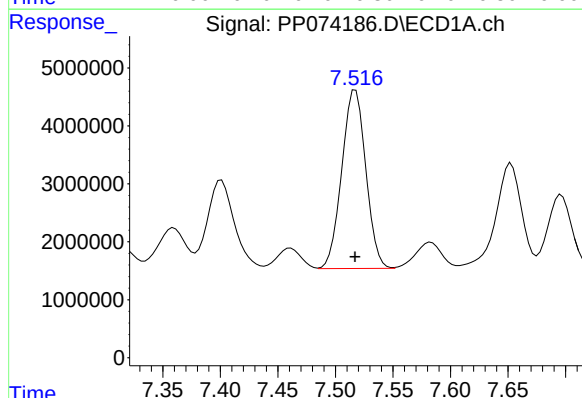
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



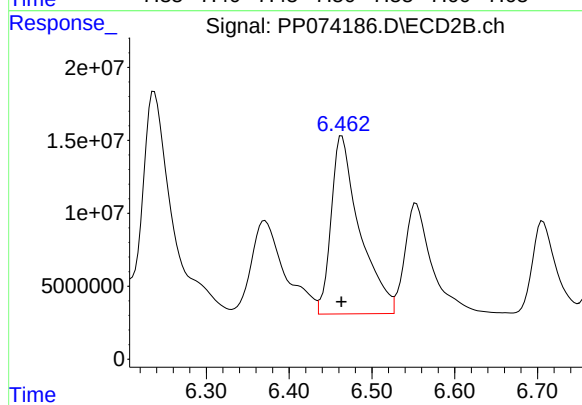
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



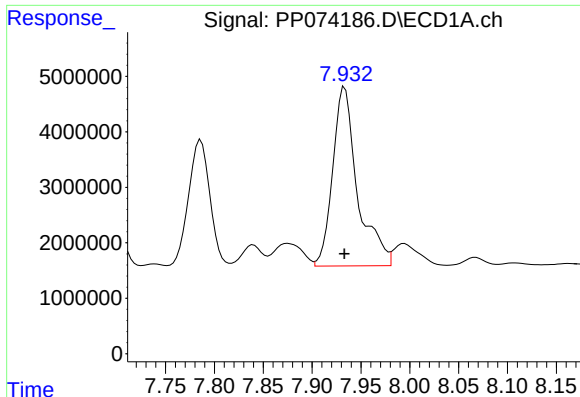
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 57058661
Conc: 707.44 ng/ml

Instrument :

ECD_P

ClientSampleId :

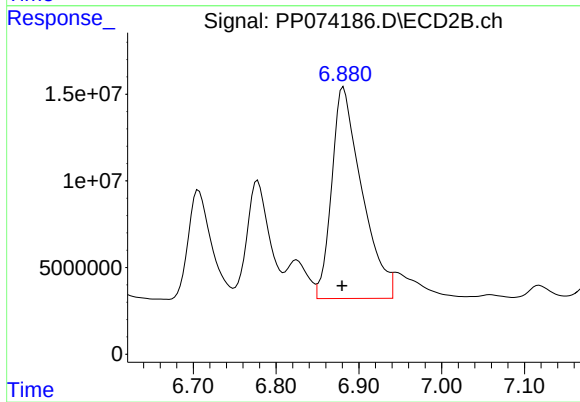
AR1254ICC750

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2025

Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.002 min
Response: 308225641
Conc: 774.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 18:34
 Operator : YP\AJ
 Sample : AR1254ICC500
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:47:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	55714538	202.0E6	50.000	50.000
2) SA Decachlor...	10.432	8.822	48956102	305.9E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.657	5.687	26953630	192.5E6	497.085m	500.000
27) L6 AR-1254-2	6.874	5.834	39083346	142.1E6	500.000	500.000
28) L6 AR-1254-3	7.236	6.237	42239930	254.4E6	500.000	500.000
29) L6 AR-1254-4	7.517	6.463	31714402	188.5E6	500.000	500.000
30) L6 AR-1254-5	7.933	6.880	40327283	199.1E6	500.000	500.000

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

AR1254ICC500

Manual Integrations

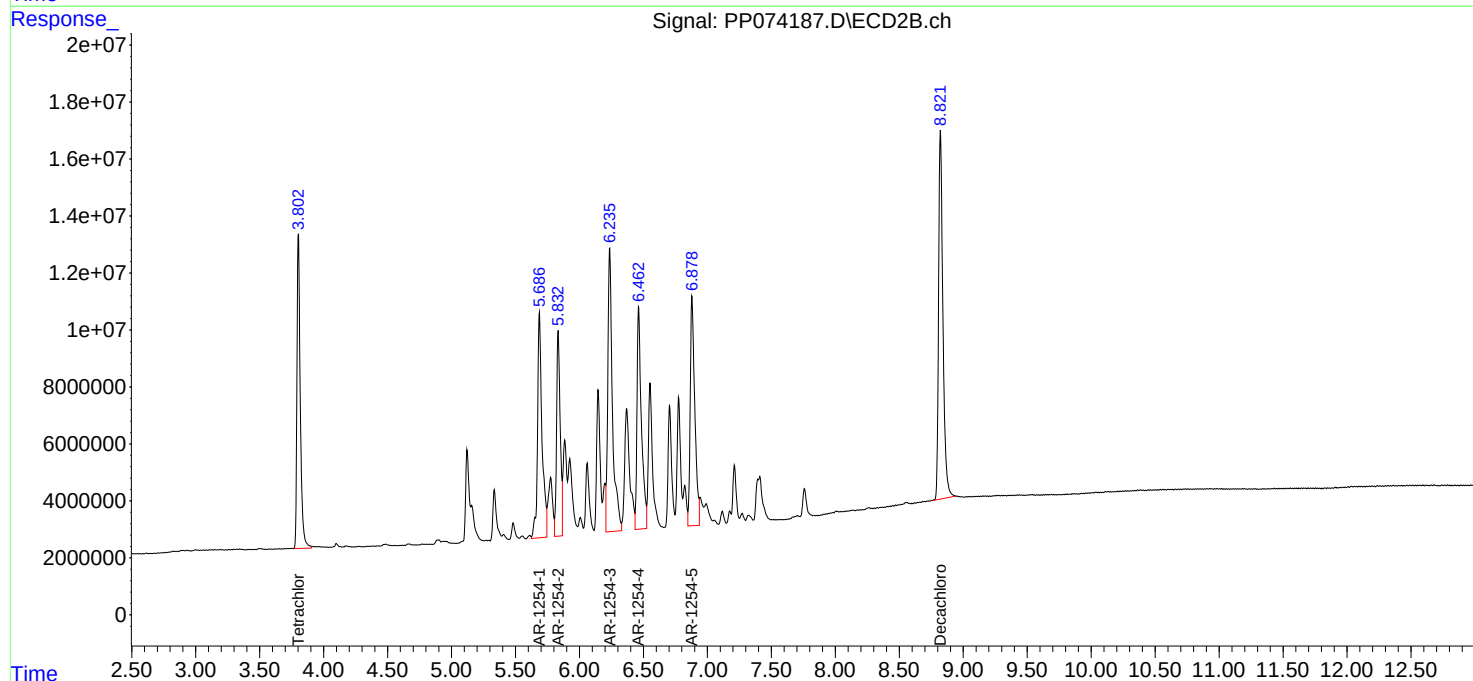
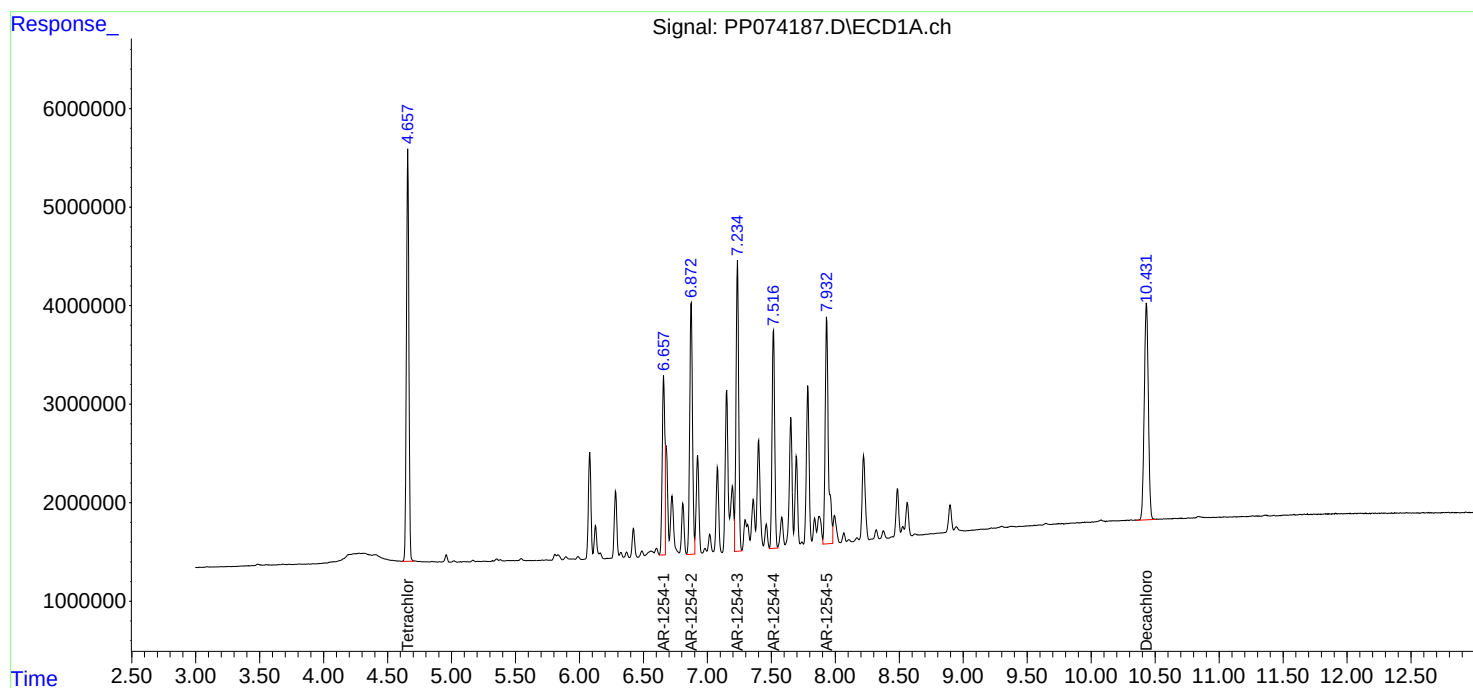
APPROVED

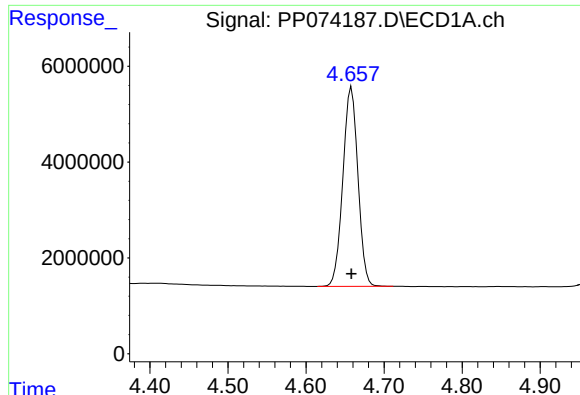
Reviewed By :Yogesh Patel 08/05/2025

Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





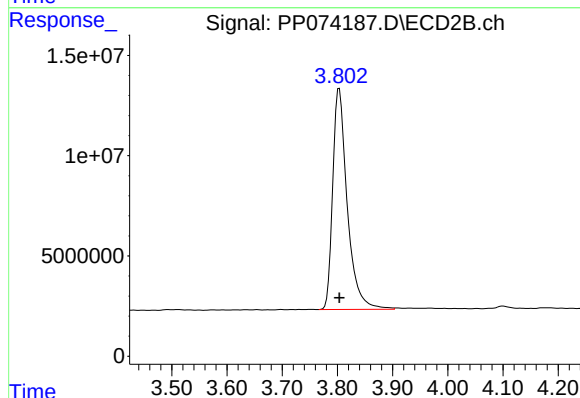
#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

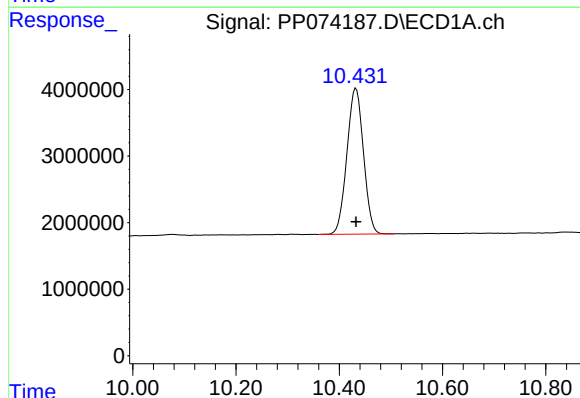
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



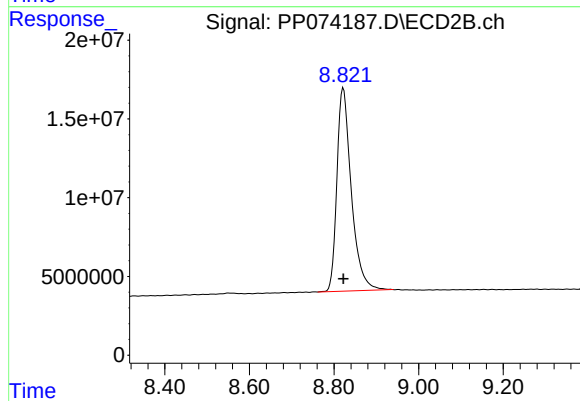
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



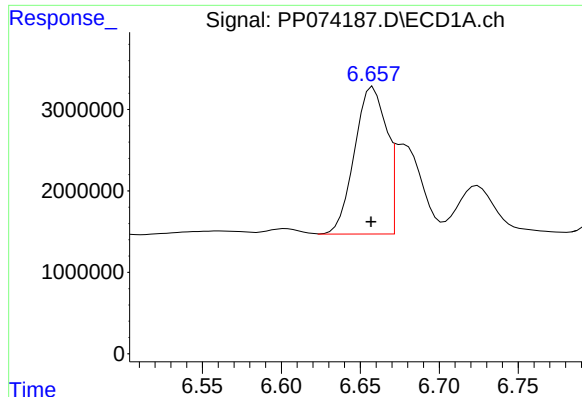
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



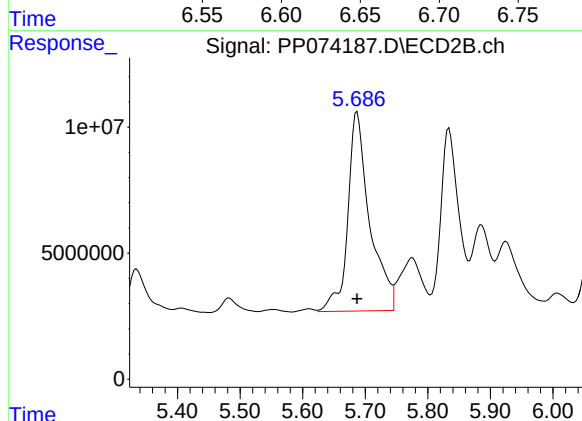
#26 AR-1254-1

R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 26953630
Conc: 497.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

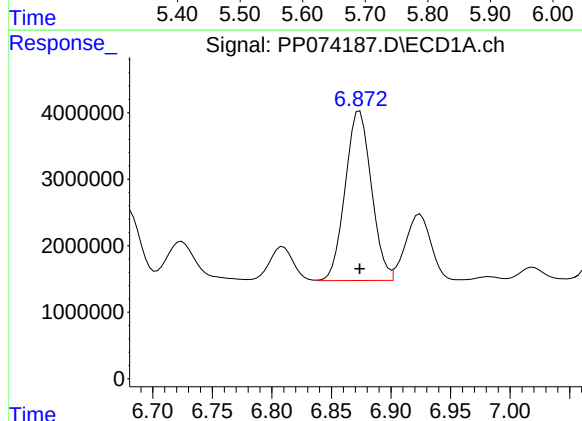
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



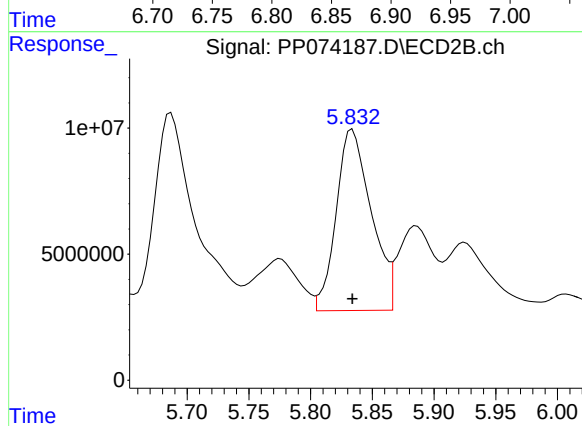
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



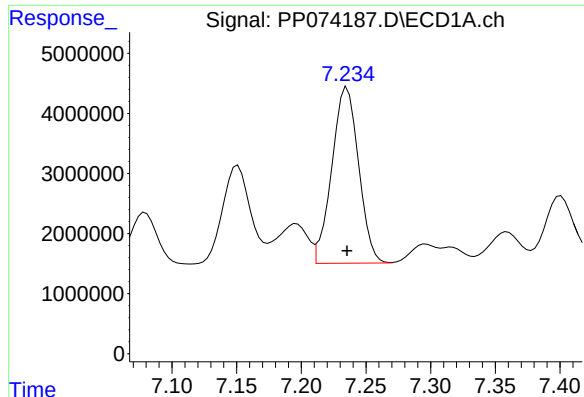
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



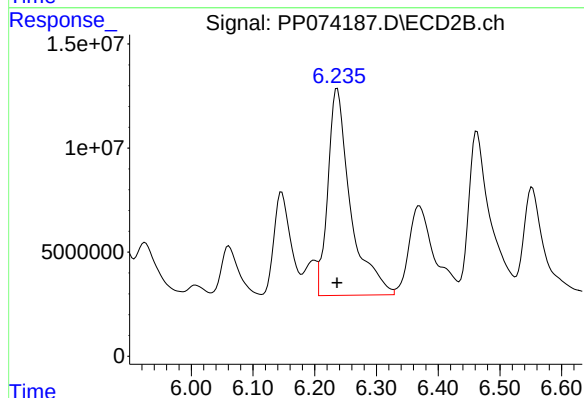
#28 AR-1254-3

R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

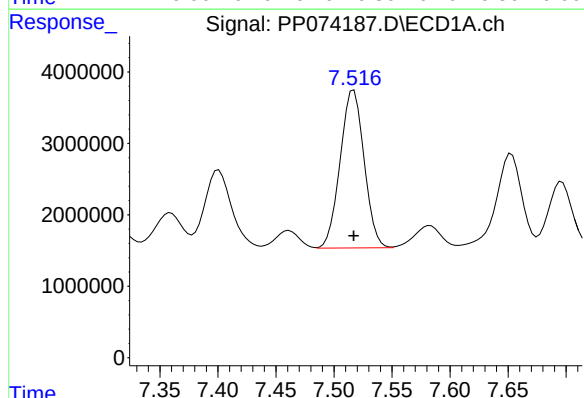
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



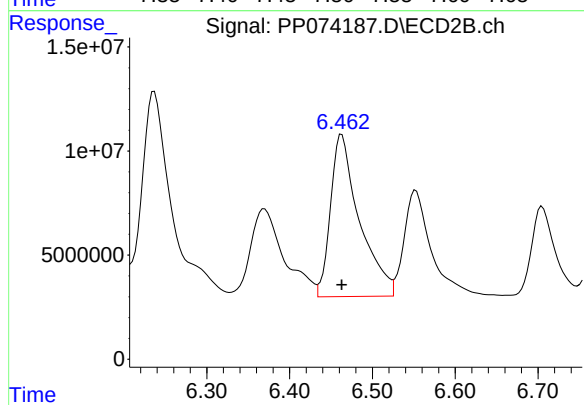
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



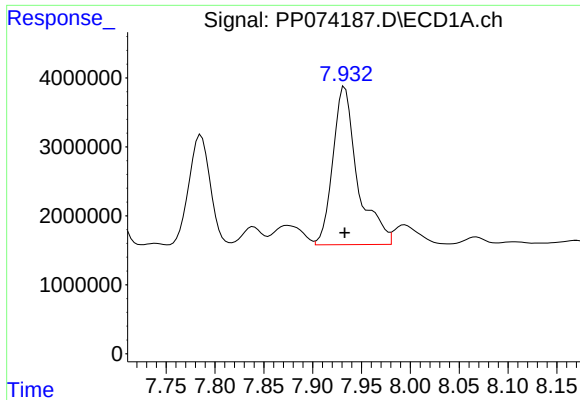
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



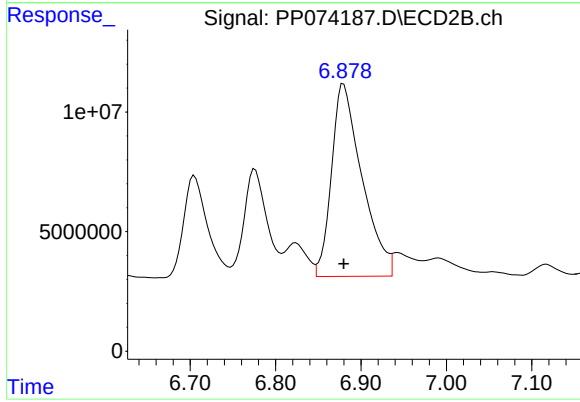
#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 40327283
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 199113358
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074188.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 18:50
 Operator : YP\AJ
 Sample : AR1254ICC250
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC250

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:47:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	29734018	92012238	26.684	22.775
2) SA Decachlor...	10.431	8.821	26431747	157.0E6	26.995	25.657
Target Compounds						
26) L6 AR-1254-1	6.656	5.687	13498256	94373679	248.938m	245.075
27) L6 AR-1254-2	6.873	5.834	21644264	72682229	276.899	255.801
28) L6 AR-1254-3	7.235	6.236	23355124	131.7E6	276.458	258.769
29) L6 AR-1254-4	7.516	6.462	17399794	98587777	274.320	261.437
30) L6 AR-1254-5	7.932	6.879	22010158	98393861	272.894	247.080

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

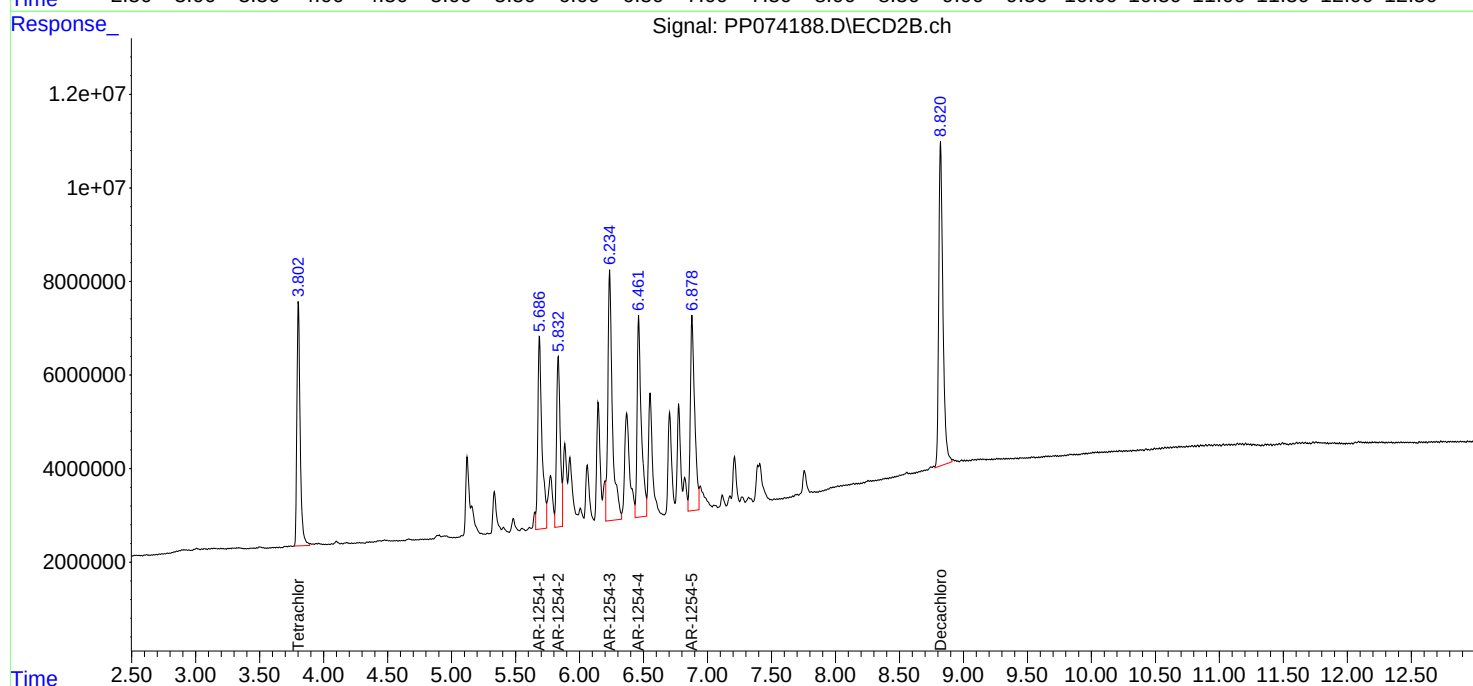
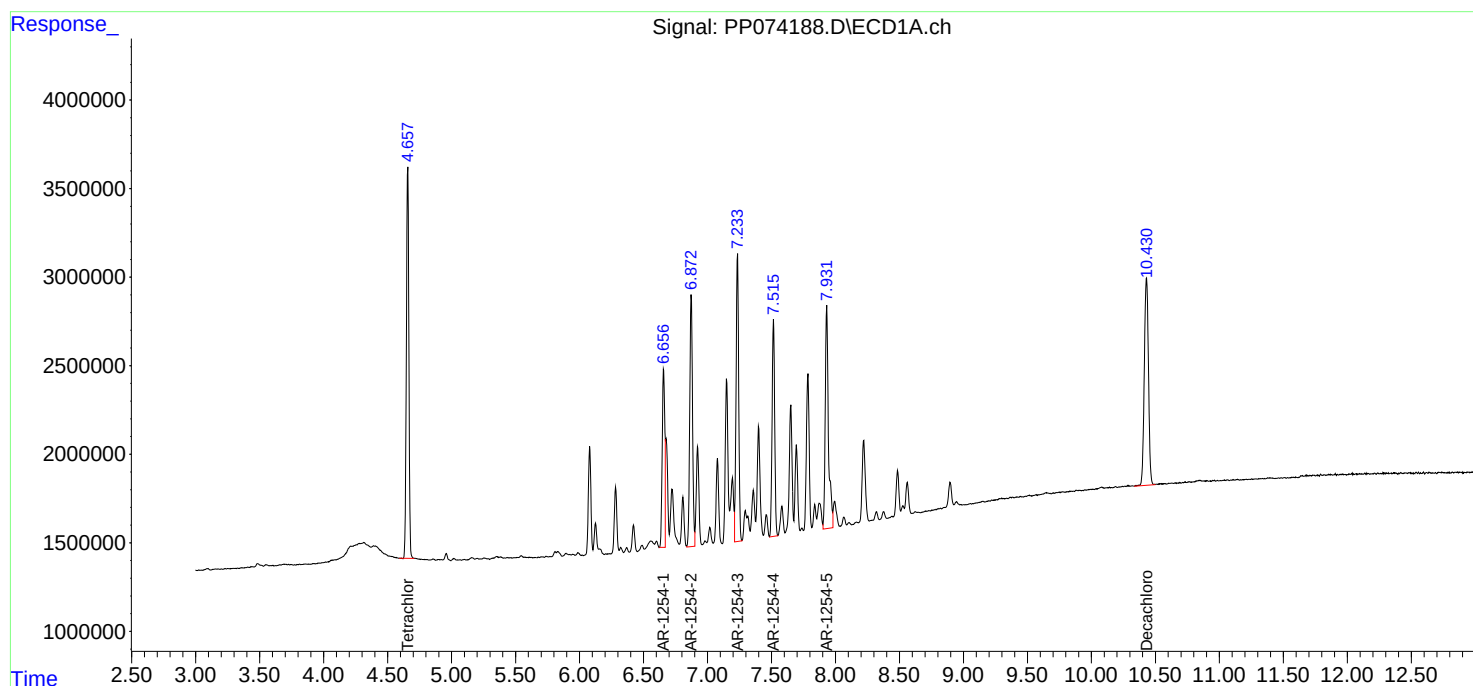
Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

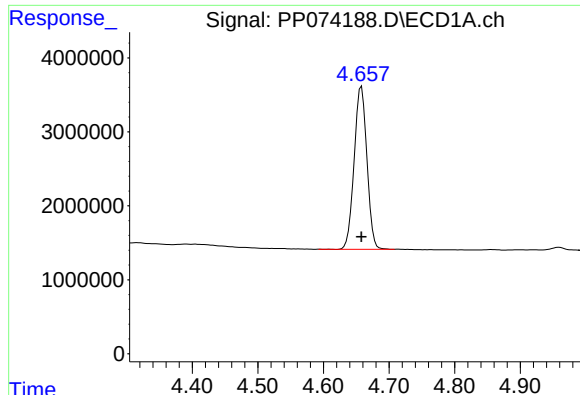
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm





#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :

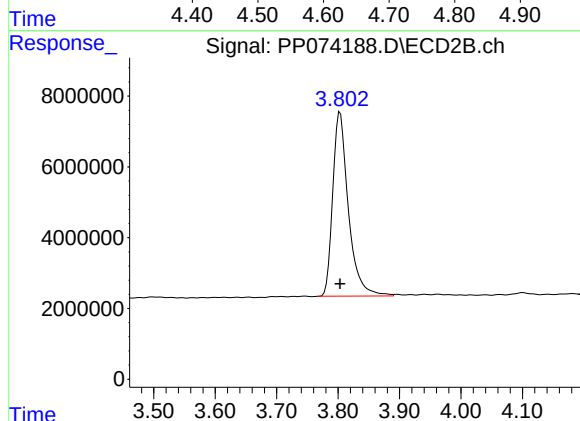
ECD_P

ClientSampleId :

AR1254ICC250

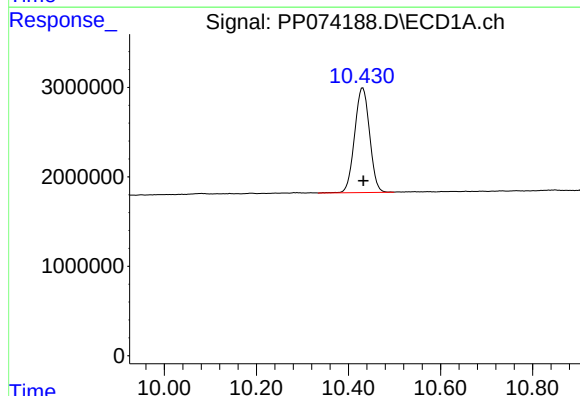
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



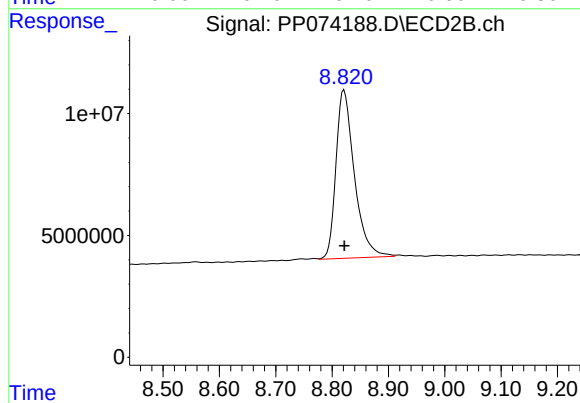
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



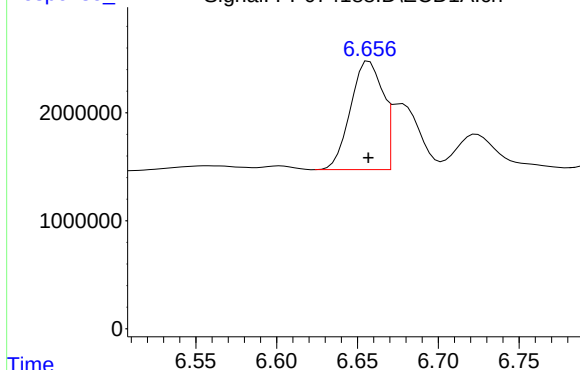
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



R.T.: 6.656 min
Delta R.T.: 0.000 min
Response: 13498256
Conc: 248.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

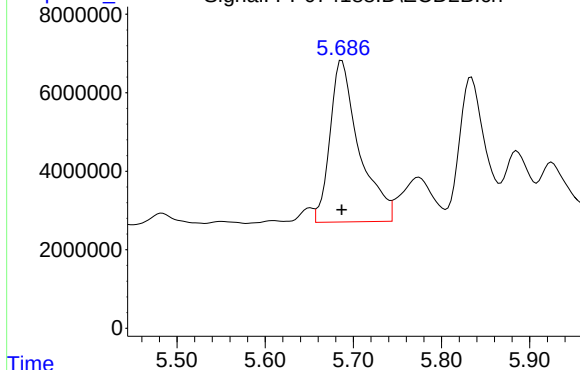
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Time

Response_

Signal: PP074188.D\ECD2B.ch

#26 AR-1254-1



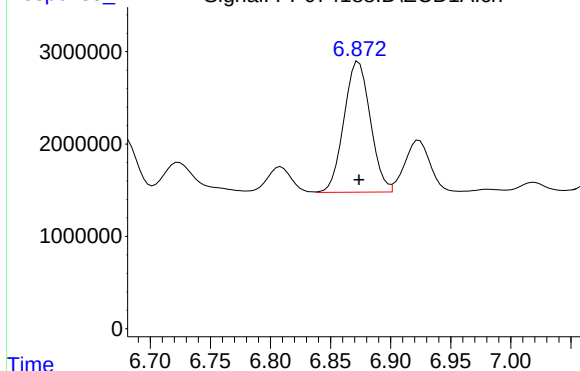
R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml

Time

Response_

Signal: PP074188.D\ECD1A.ch

#27 AR-1254-2



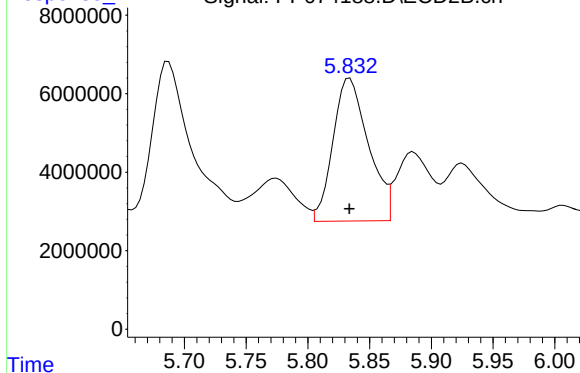
R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml

Time

Response_

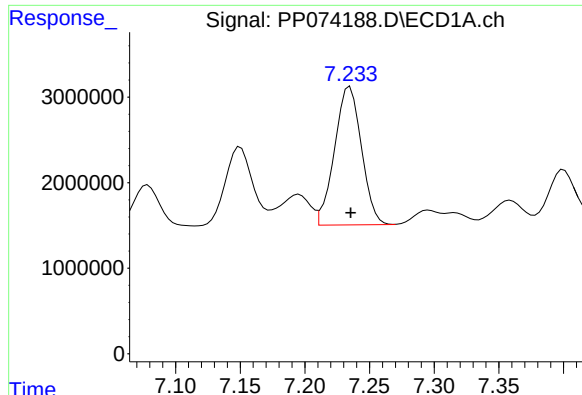
Signal: PP074188.D\ECD2B.ch

#27 AR-1254-2



R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml

Time



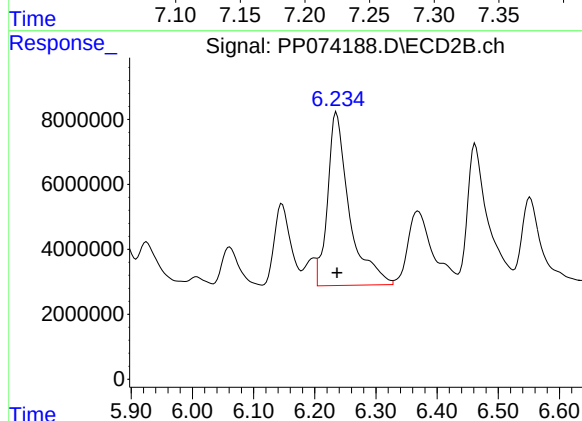
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

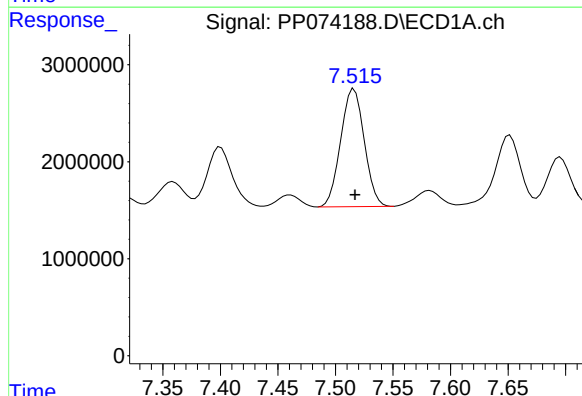
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



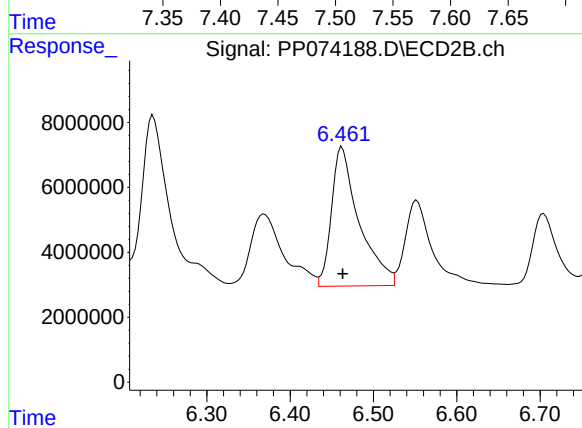
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



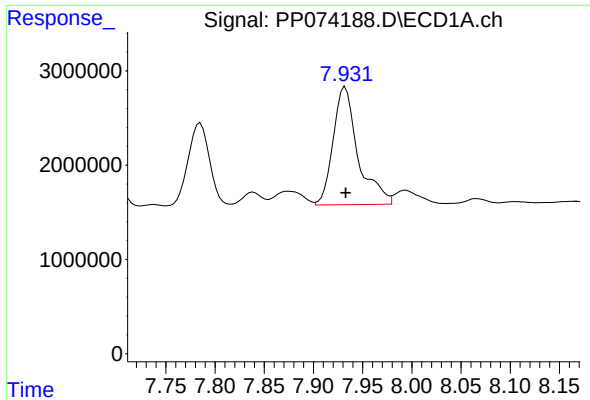
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



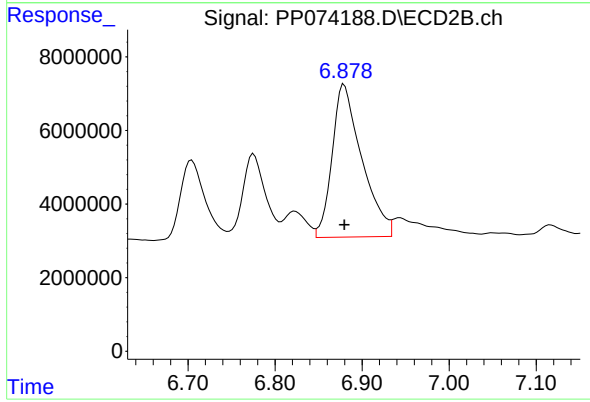
#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 22010158
Conc: 272.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 98393861
Conc: 247.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074189.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 19:23
 Operator : YP\AJ
 Sample : AR1254ICC050
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1254ICC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:03:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 01:03:01 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.804	5935360	12647504	5.284	3.358 #
2) SA Decachlor...	10.430	8.823	5026515	24210870	5.158	4.086
Target Compounds						
26) L6 AR-1254-1	6.655	5.689	2796732	16116298	51.810m	44.012
27) L6 AR-1254-2	6.872	5.836	4500635	12761430	56.609	45.869
28) L6 AR-1254-3	7.234	6.237	5142235	18482386	58.892	37.780 #
29) L6 AR-1254-4	7.515	6.464	3412924	14935198	53.486	40.633
30) L6 AR-1254-5	7.931	6.881	4380720	14900727	53.986	37.906 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

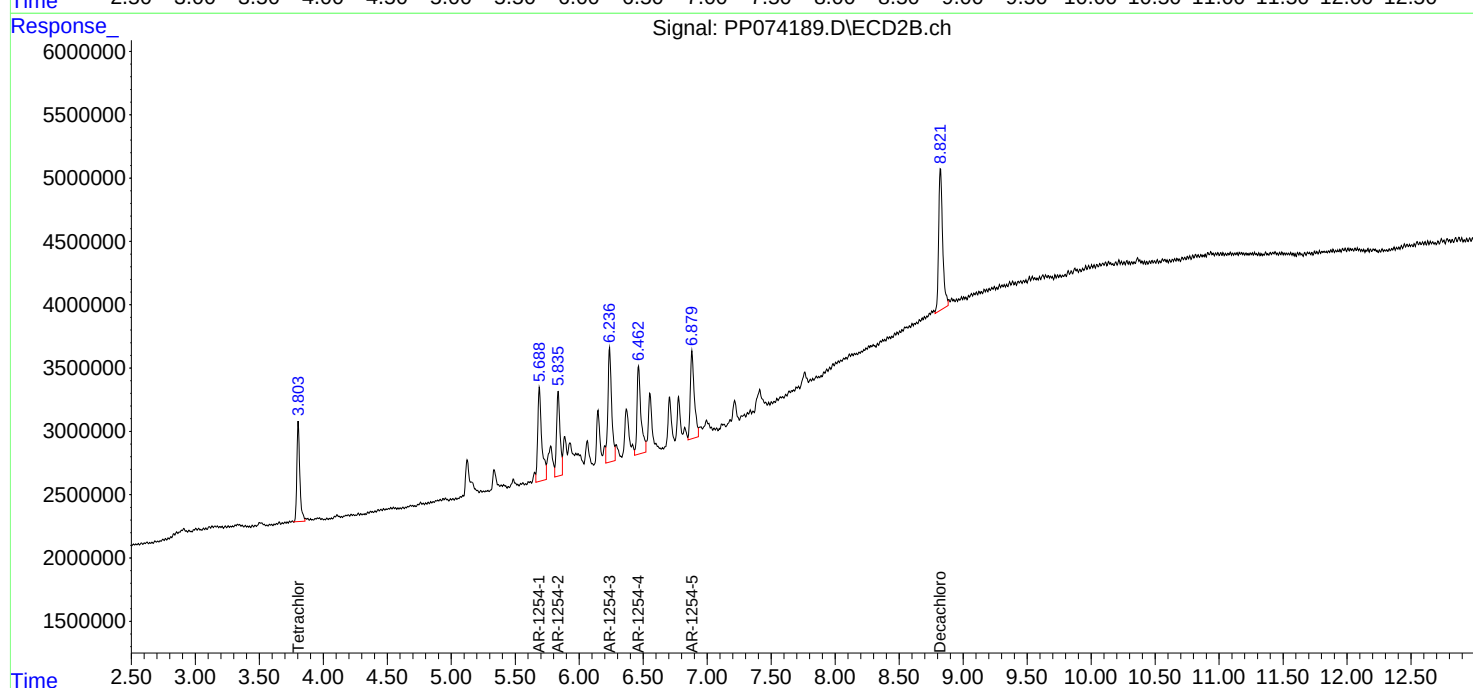
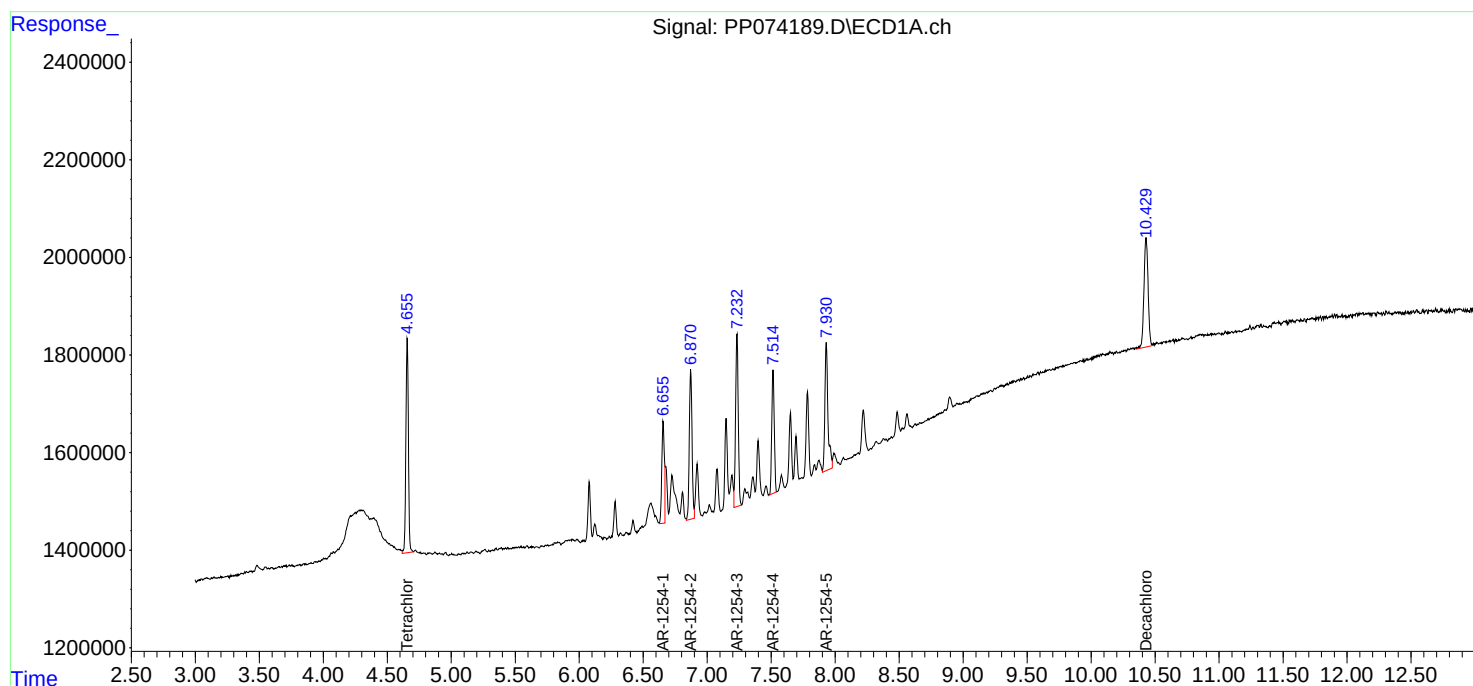
Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

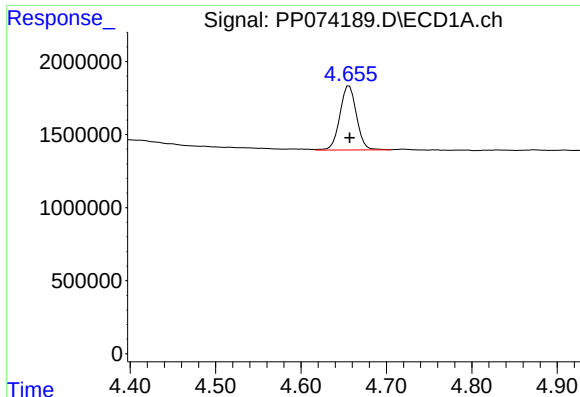
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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





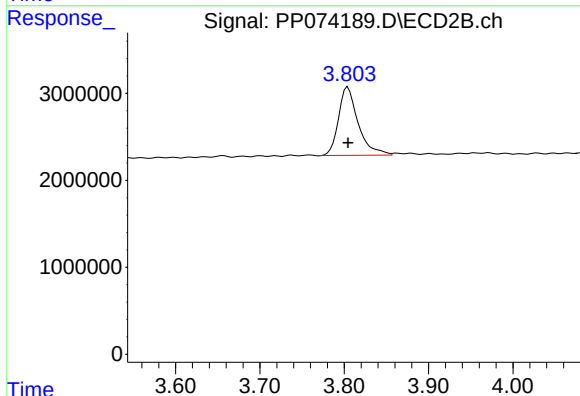
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

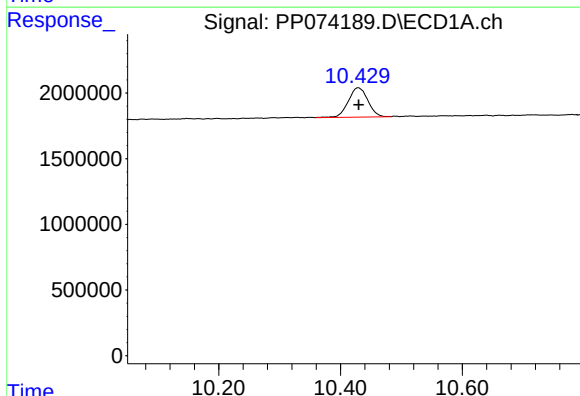
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



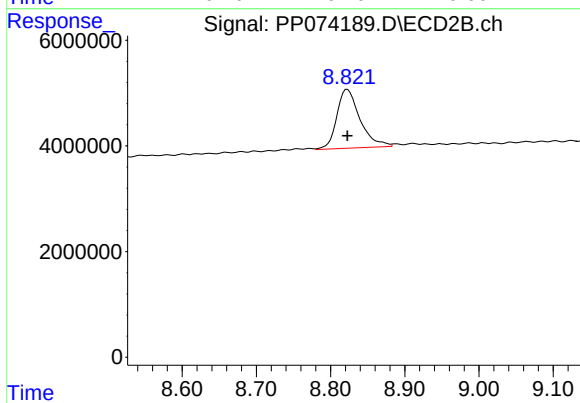
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



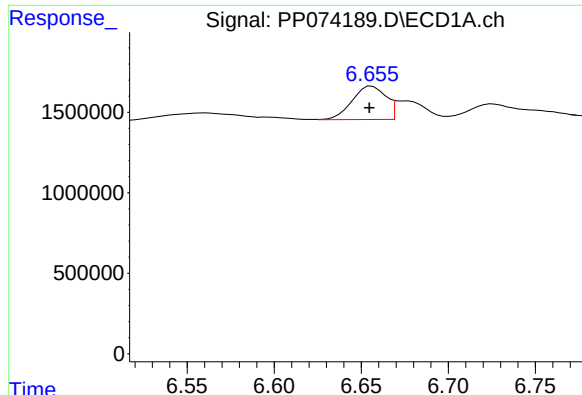
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



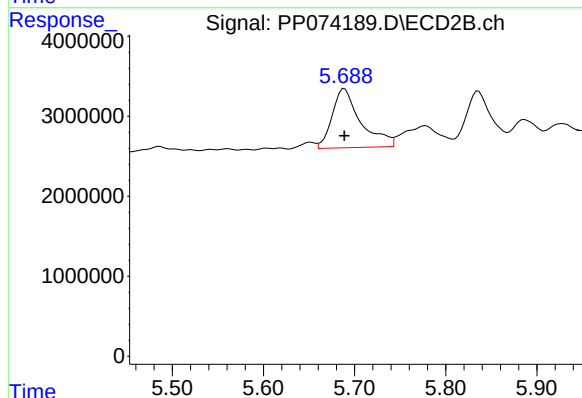
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: 0.000 min
Response: 2796732
Conc: 51.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

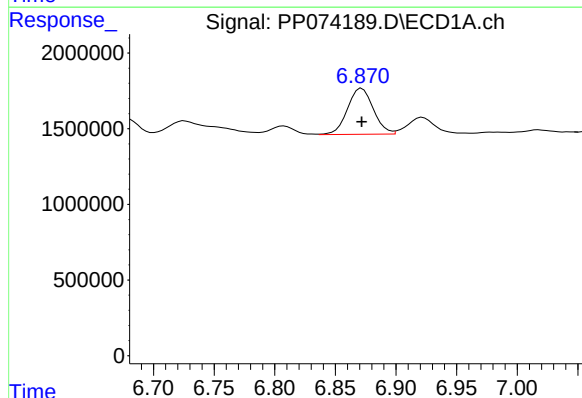
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



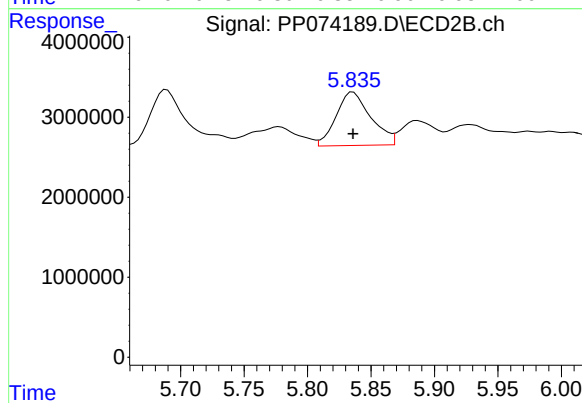
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



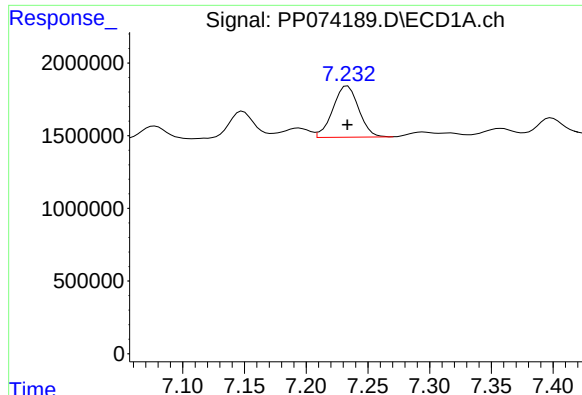
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



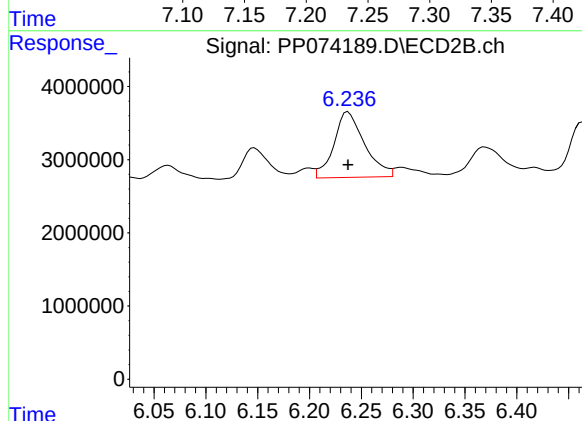
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

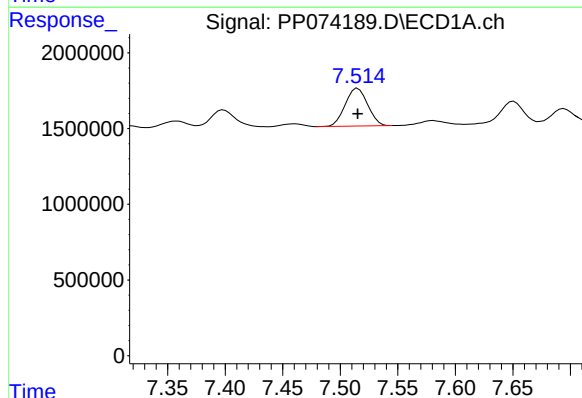
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



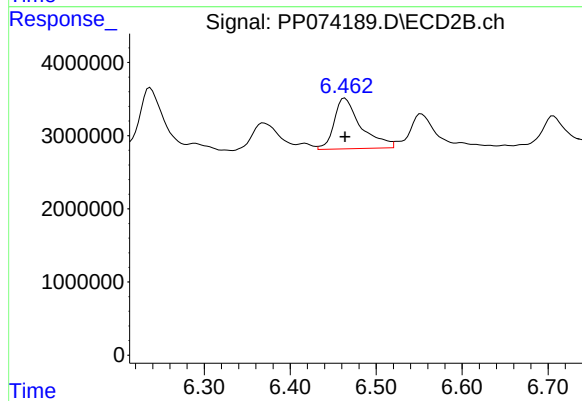
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



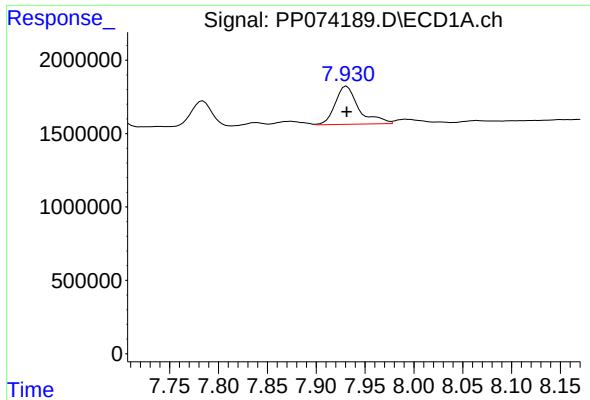
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 4380720
Conc: 53.99 ng/ml

Instrument :

ECD_P

ClientSampleId :

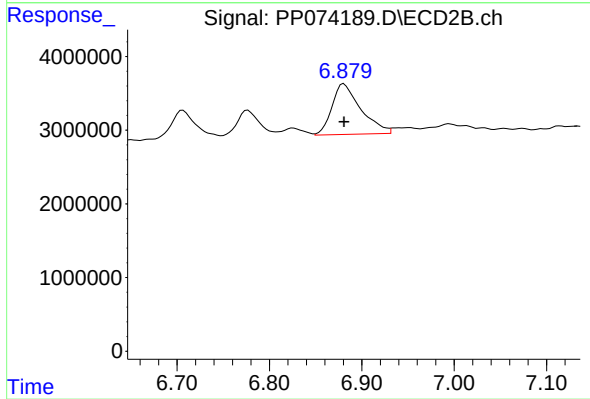
AR1254ICC050

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/05/2025

Supervised By :mohammad ahmed 08/08/2025



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 14900727
Conc: 37.91 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:10:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.802	54354703	199.7E6	50.000	50.000
2) SA Decachlor...	10.430	8.820	48321379	306.6E6	50.000	50.000
Target Compounds						
36) L8 AR-1262-1	8.237	6.917	37894848	281.6E6	500.000	500.000
37) L8 AR-1262-2	8.562	7.176	65215013	200.5E6	500.000	500.000
38) L8 AR-1262-3	8.888	7.698	47035440	179.7E6	500.000	500.000
39) L8 AR-1262-4	8.974	7.761	36425846	333.5E6	500.000	500.000
40) L8 AR-1262-5	9.645	8.255	25461320	141.6E6	500.000	500.000

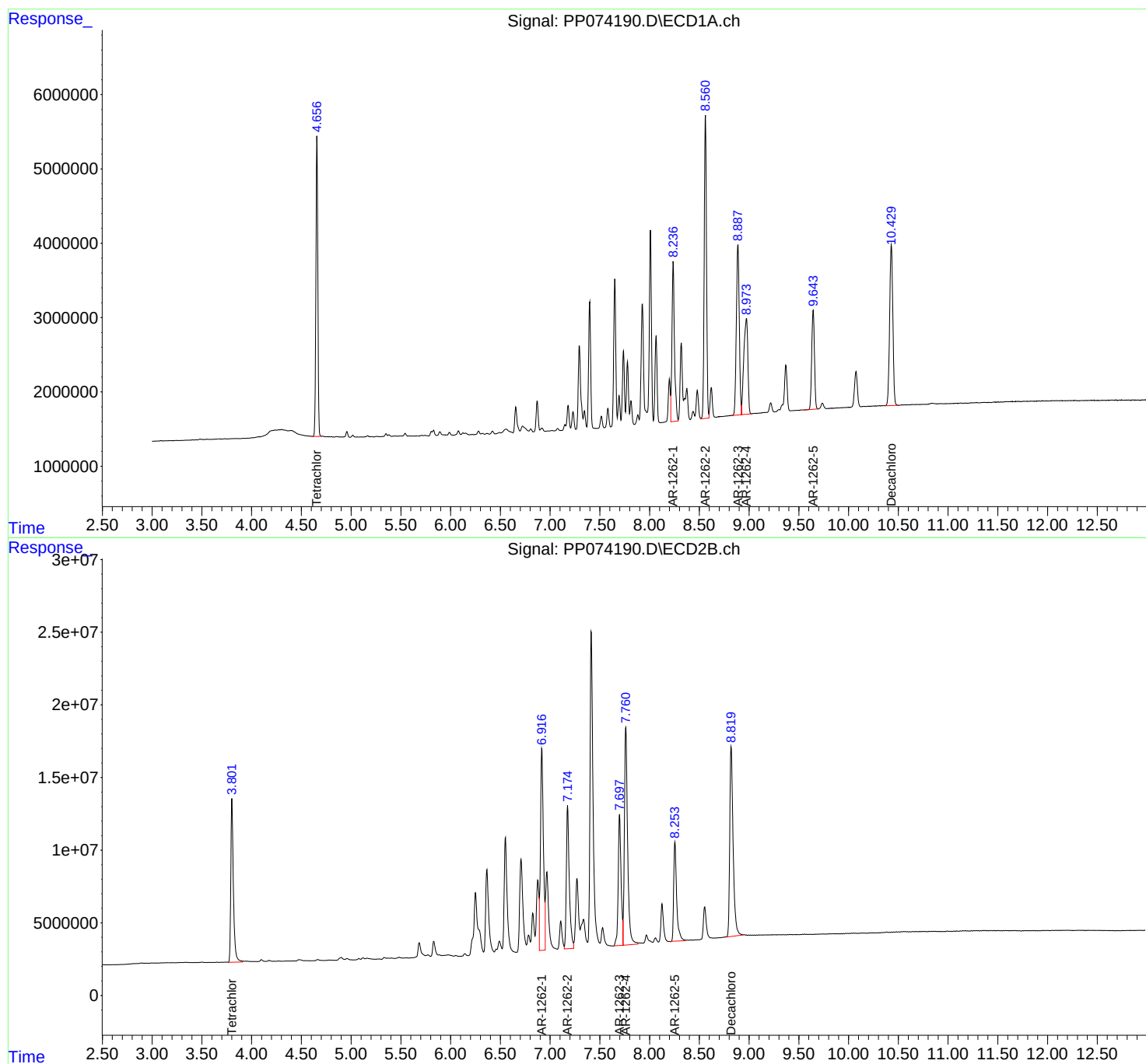
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

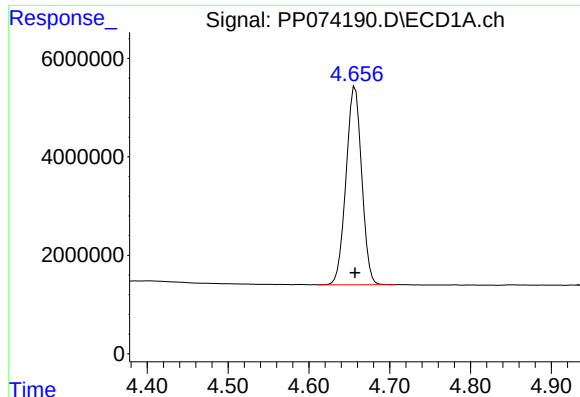
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074190.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1262ICC500
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:10:39 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:10:03 2025
Response via : Initial Calibration
Integrator: ChemStation

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

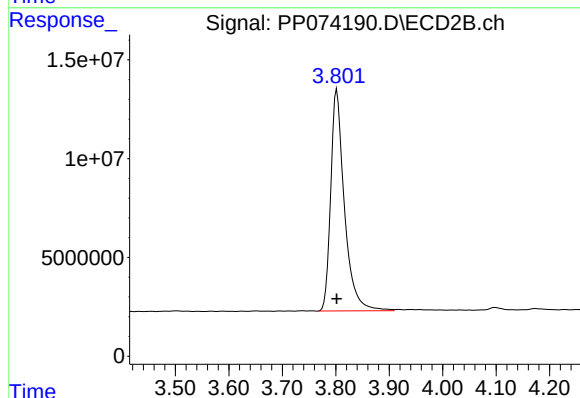




#1 Tetrachloro-m-xylene

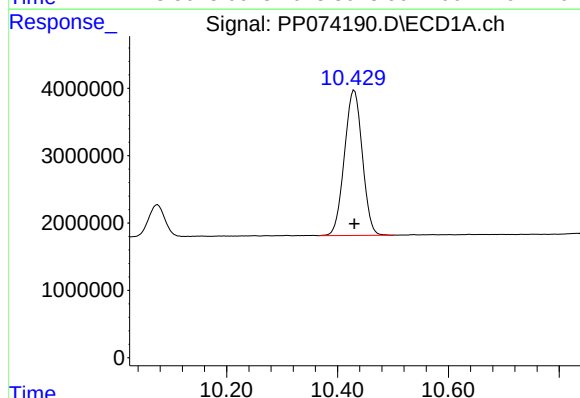
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 54354703
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



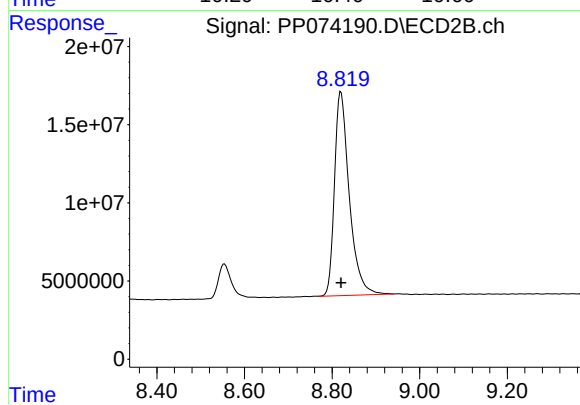
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 199655972
Conc: 50.00 ng/ml



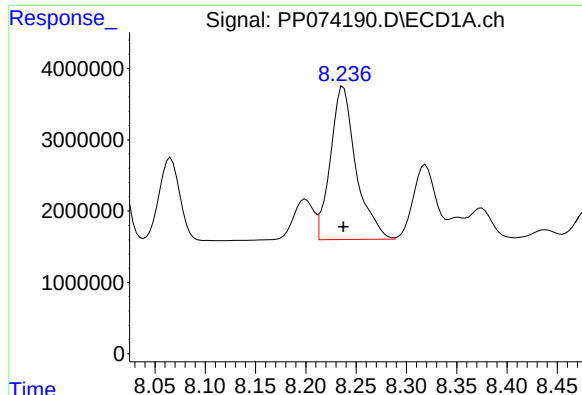
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 48321379
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

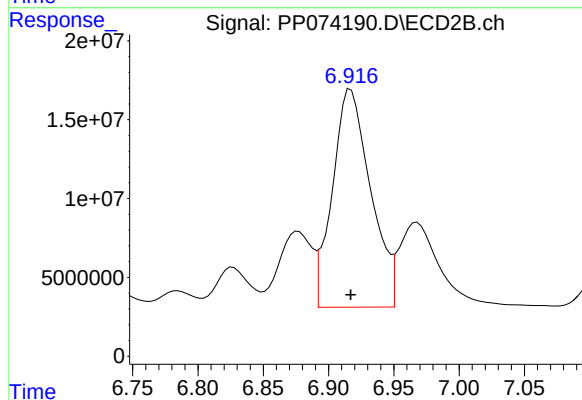
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 306598020
Conc: 50.00 ng/ml



#36 AR-1262-1

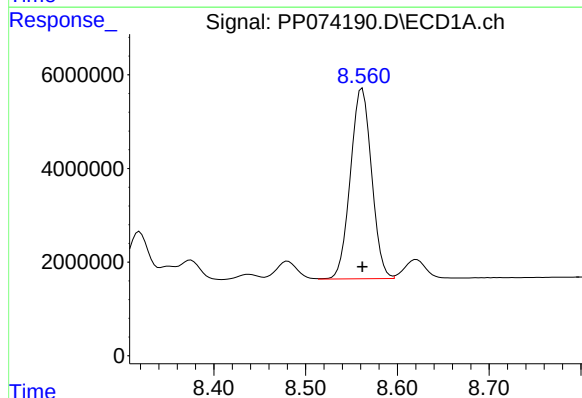
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 37894848
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



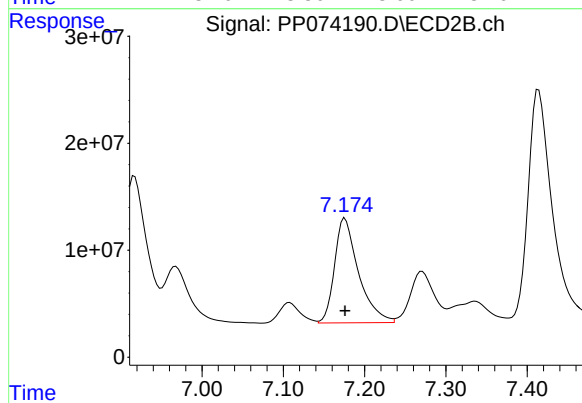
#36 AR-1262-1

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 281571248
Conc: 500.00 ng/ml



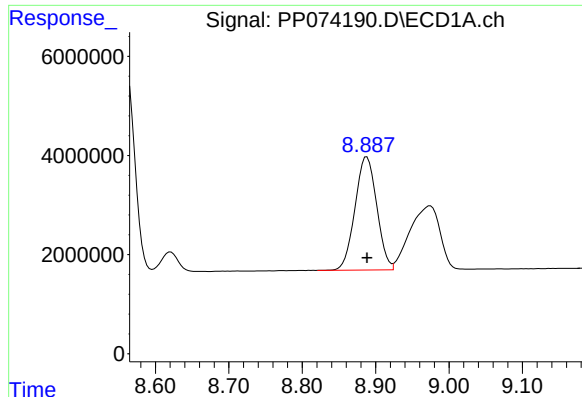
#37 AR-1262-2

R.T.: 8.562 min
Delta R.T.: 0.000 min
Response: 65215013
Conc: 500.00 ng/ml



#37 AR-1262-2

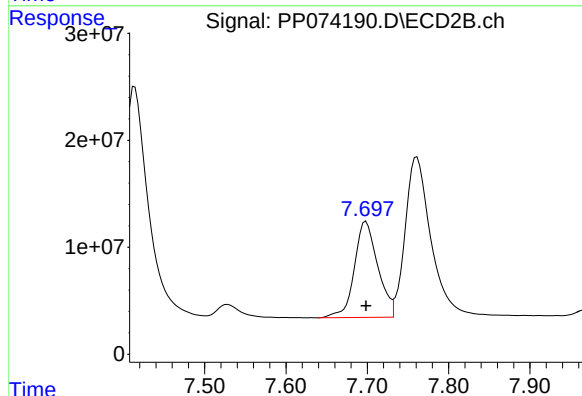
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 200511630
Conc: 500.00 ng/ml



#38 AR-1262-3

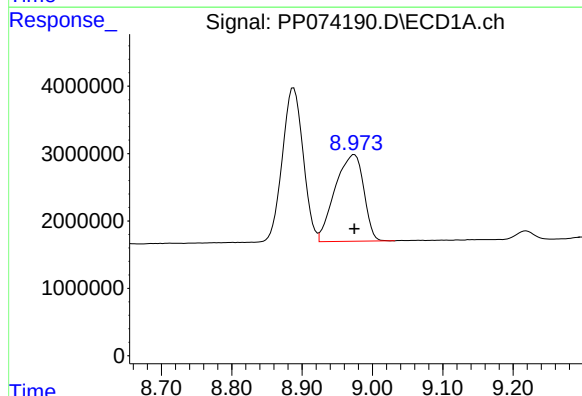
R.T.: 8.888 min
Delta R.T.: 0.000 min
Response: 47035440
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



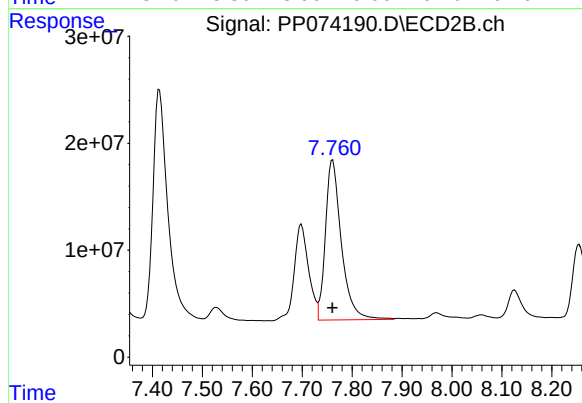
#38 AR-1262-3

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 179734932
Conc: 500.00 ng/ml



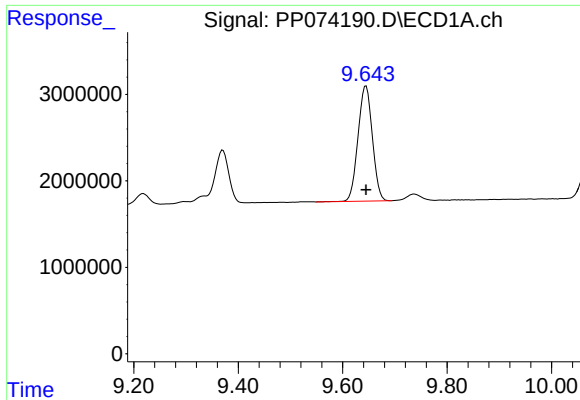
#39 AR-1262-4

R.T.: 8.974 min
Delta R.T.: 0.000 min
Response: 36425846
Conc: 500.00 ng/ml



#39 AR-1262-4

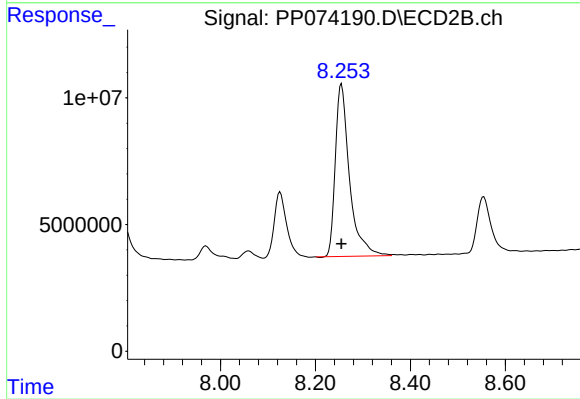
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 333460882
Conc: 500.00 ng/ml



#40 AR-1262-5

R.T.: 9.645 min
Delta R.T.: 0.000 min
Response: 25461320
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1262ICC500



#40 AR-1262-5

R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 141634065
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:13:43 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.656	3.801	58418637	219.4E6	50.000	50.000
2) SA Decachlor...	10.429	8.820	86270477	592.0E6	50.000	50.000
Target Compounds						
41) L9 AR-1268-1	8.883	7.698	79013824	584.6E6	500.000	500.000
42) L9 AR-1268-2	8.978	7.762	73014004	574.1E6	500.000	500.000
43) L9 AR-1268-3	9.218	7.970	60700868	445.9E6	500.000	500.000
44) L9 AR-1268-4	9.644	8.255	29824069	164.7E6	500.000	500.000
45) L9 AR-1268-5	10.075	8.556	179.0E6	1386.1E6	500.000	500.000

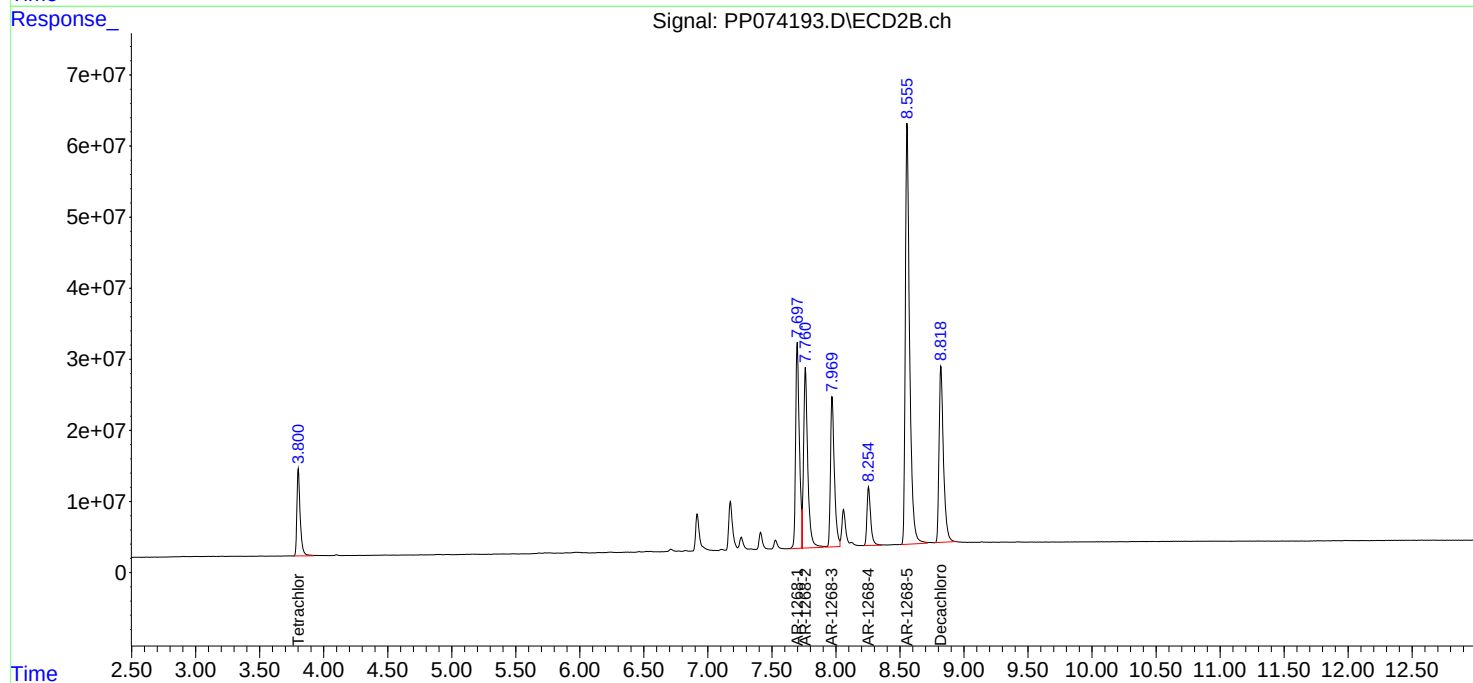
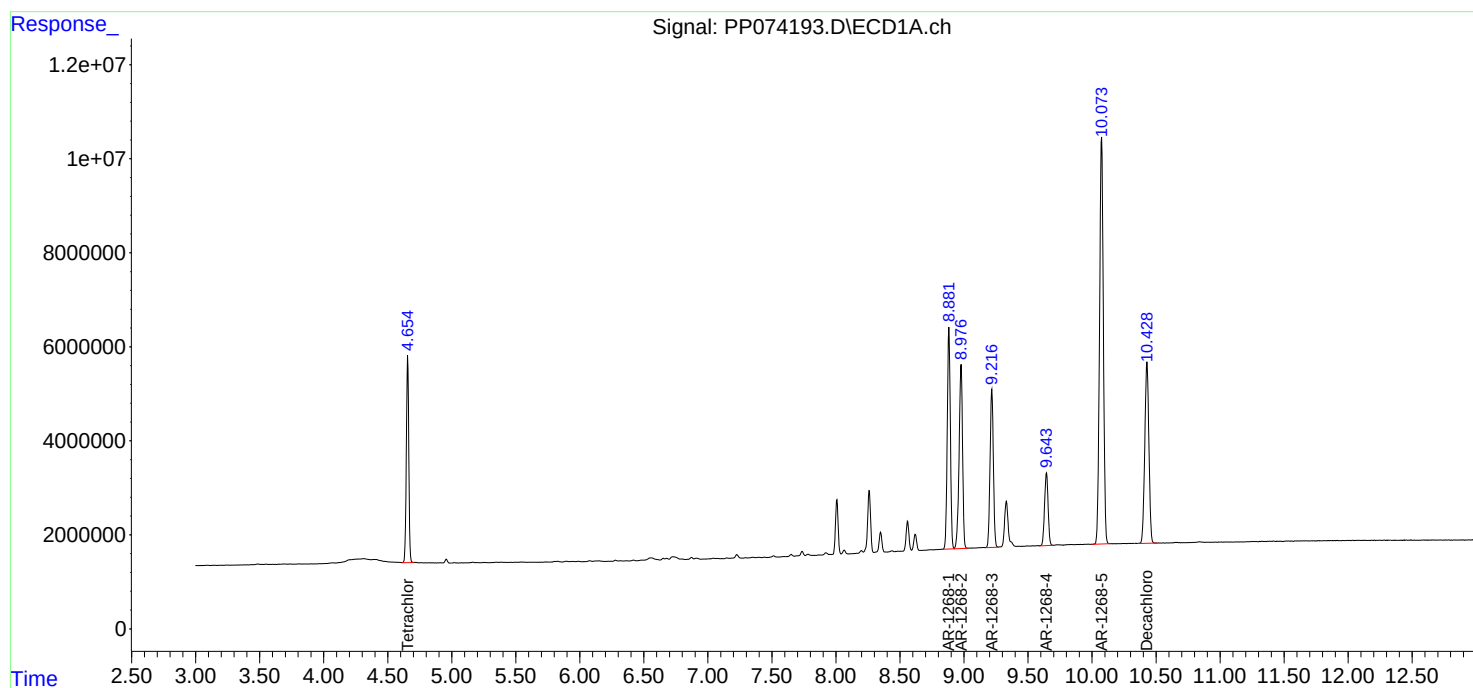
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

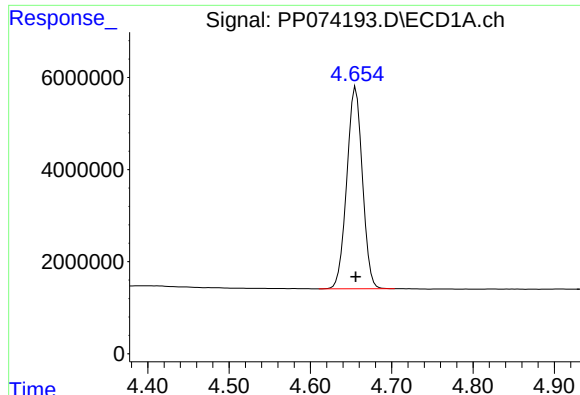
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 20:28
Operator : YP\AJ
Sample : AR1268ICC500
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:15:46 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:13:43 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

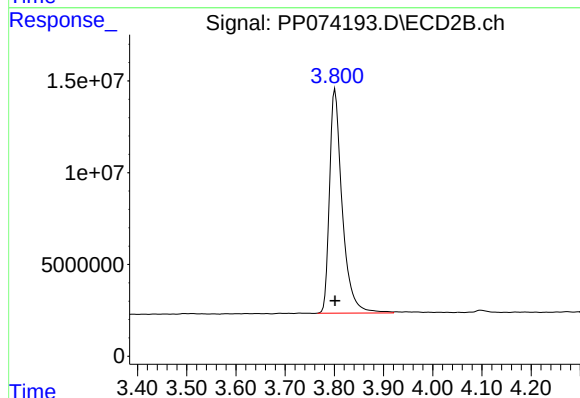




#1 Tetrachloro-m-xylene

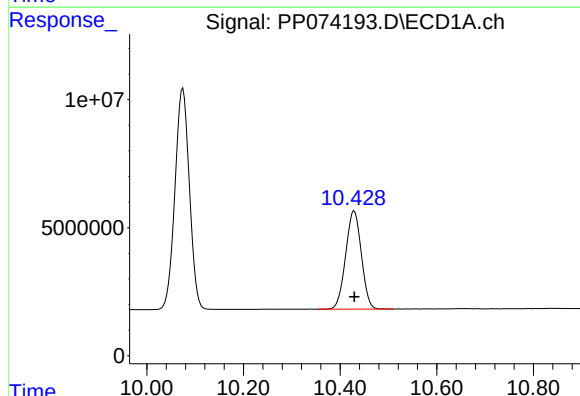
R.T.: 4.656 min
Delta R.T.: 0.000 min
Response: 58418637
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



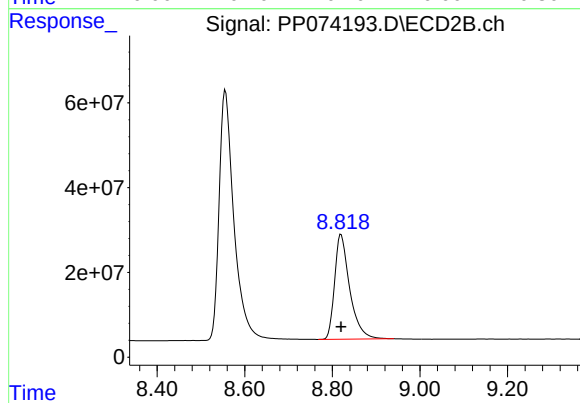
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 219400957
Conc: 50.00 ng/ml



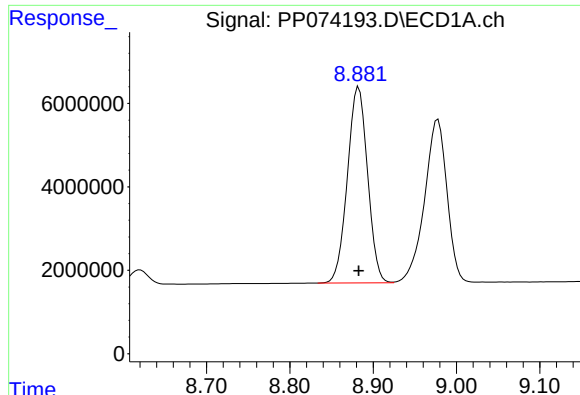
#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: 0.000 min
Response: 86270477
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

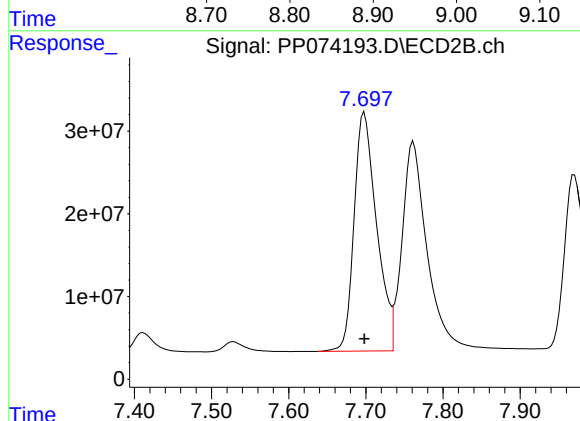
R.T.: 8.820 min
Delta R.T.: 0.000 min
Response: 591964965
Conc: 50.00 ng/ml



#41 AR-1268-1

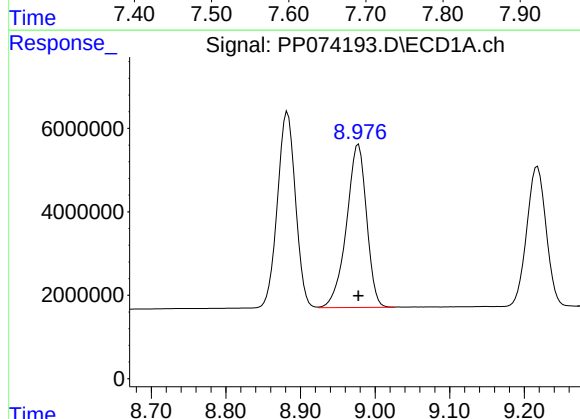
R.T.: 8.883 min
Delta R.T.: 0.000 min
Response: 79013824
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



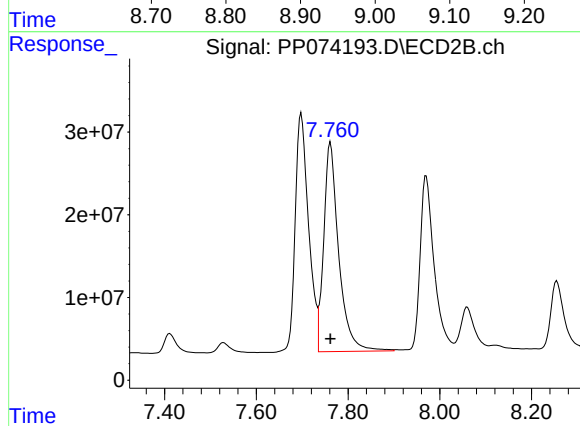
#41 AR-1268-1

R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 584610148
Conc: 500.00 ng/ml



#42 AR-1268-2

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 73014004
Conc: 500.00 ng/ml



#42 AR-1268-2

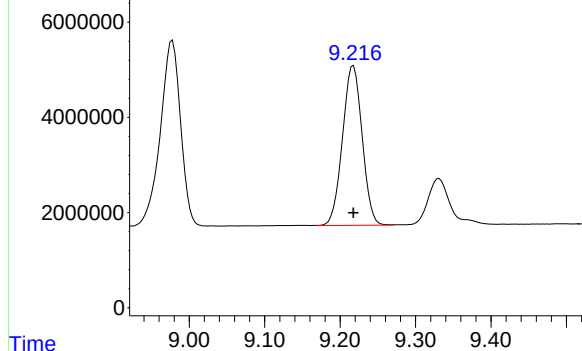
R.T.: 7.762 min
Delta R.T.: 0.000 min
Response: 574066353
Conc: 500.00 ng/ml

Response_ Signal: PP074193.D\ECD1A.ch

#43 AR-1268-3

R.T.: 9.218 min
Delta R.T.: 0.000 min
Response: 60700868
Conc: 500.00 ng/ml

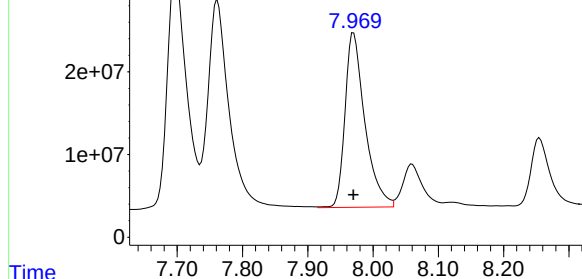
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500



Time Response_ Signal: PP074193.D\ECD2B.ch

#43 AR-1268-3

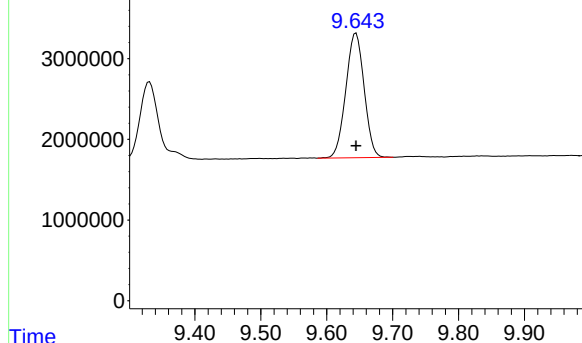
R.T.: 7.970 min
Delta R.T.: 0.000 min
Response: 445933310
Conc: 500.00 ng/ml



Time Response_ Signal: PP074193.D\ECD1A.ch

#44 AR-1268-4

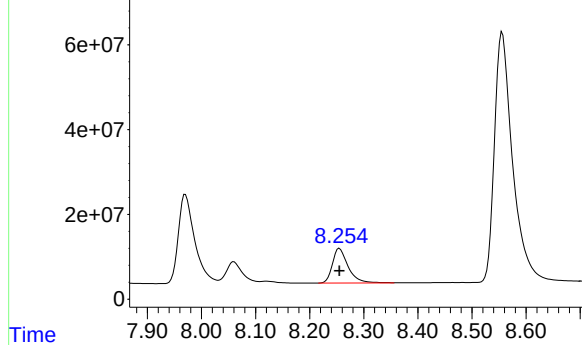
R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 29824069
Conc: 500.00 ng/ml



Time Response_ Signal: PP074193.D\ECD2B.ch

#44 AR-1268-4

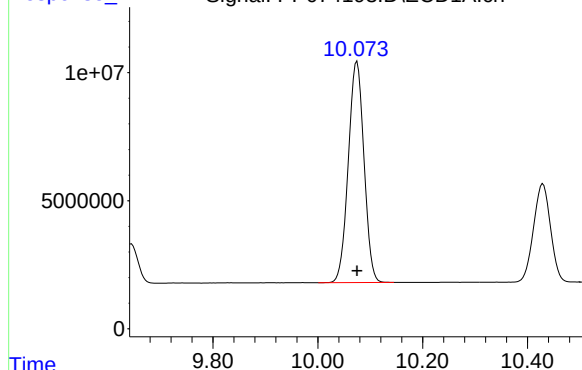
R.T.: 8.255 min
Delta R.T.: 0.000 min
Response: 164734669
Conc: 500.00 ng/ml



Response_

Signal: PP074193.D\ECD1A.ch

#45 AR-1268-5



R.T.: 10.075 min
Delta R.T.: 0.000 min
Response: 178970338
Conc: 500.00 ng/ml

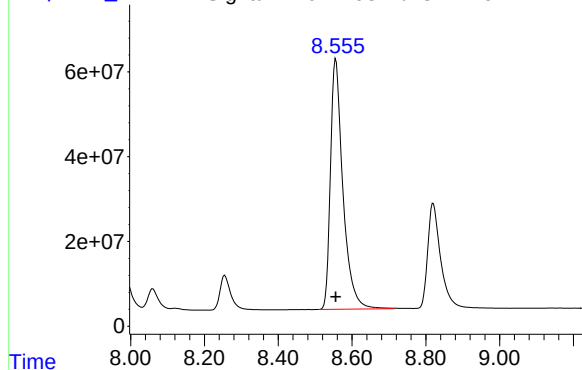
Instrument :
ECD_P
ClientSampleId :
AR1268ICC500

Time

Response_

Signal: PP074193.D\ECD2B.ch

#45 AR-1268-5



R.T.: 8.556 min
Delta R.T.: 0.000 min
Response: 1386149287
Conc: 500.00 ng/ml

Time

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP\AJ
Sample : PP080125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.806	53809613	192.5E6	48.117	50.193
2) SA Decachlor...	10.433	8.823	46918201	290.2E6	48.311	48.263
Target Compounds						
3) L1 AR-1016-1	5.810	4.906	19711119	191.3E6	477.766	479.651
4) L1 AR-1016-2	5.831	4.963	29290082	90085682	482.207	479.666
5) L1 AR-1016-3	5.894	5.083	19171615	49893167	483.393	470.381
6) L1 AR-1016-4	5.991	5.124	15834175	51335124	486.540	470.016
7) L1 AR-1016-5	6.283	5.338	15788703	57011251	486.284	487.429
31) L7 AR-1260-1	7.400	6.554	27159073	192.5E6	481.919	476.633
32) L7 AR-1260-2	7.653	6.708	31876376	149.4E6	467.722	477.644
33) L7 AR-1260-3	8.010	6.918	25282960	196.9E6	474.388	499.492
34) L7 AR-1260-4	8.239	7.178	29964985	140.7E6	478.559	483.661
35) L7 AR-1260-5	8.563	7.417	53436862	370.6E6	471.620	489.248

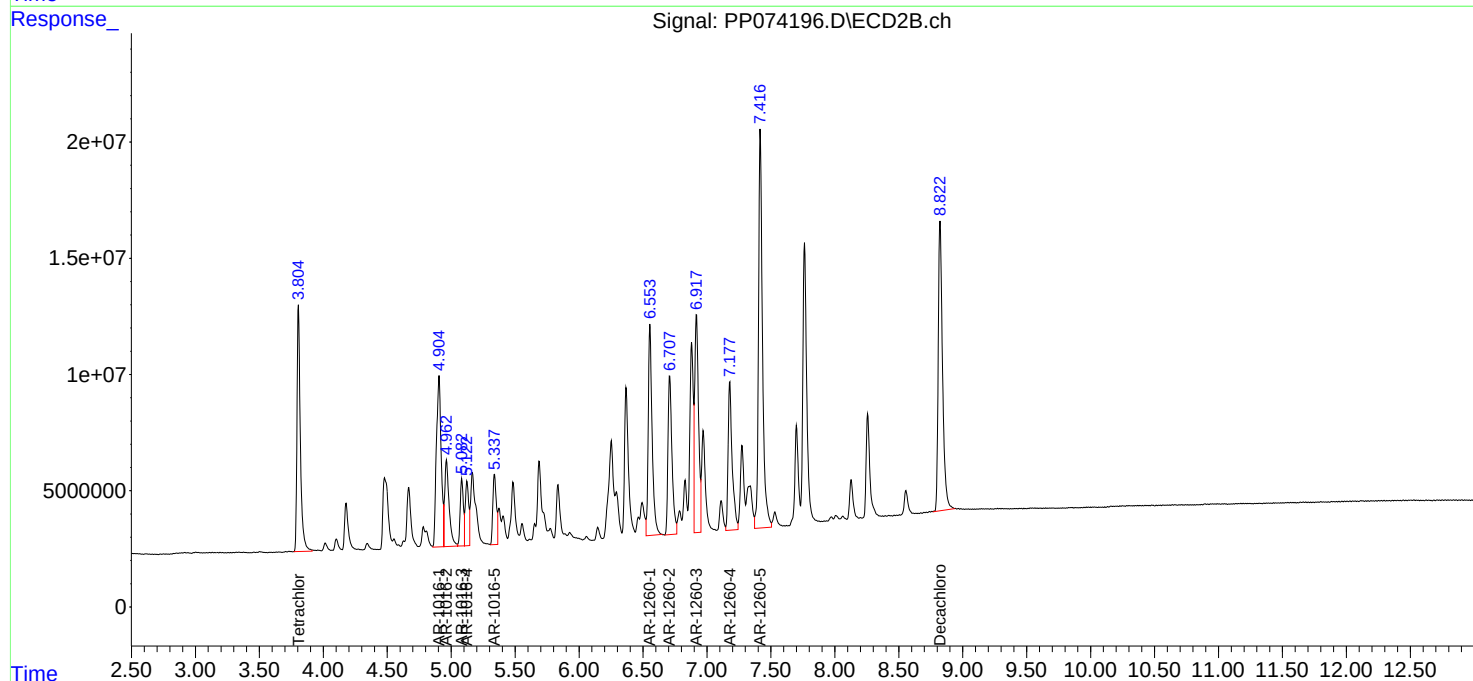
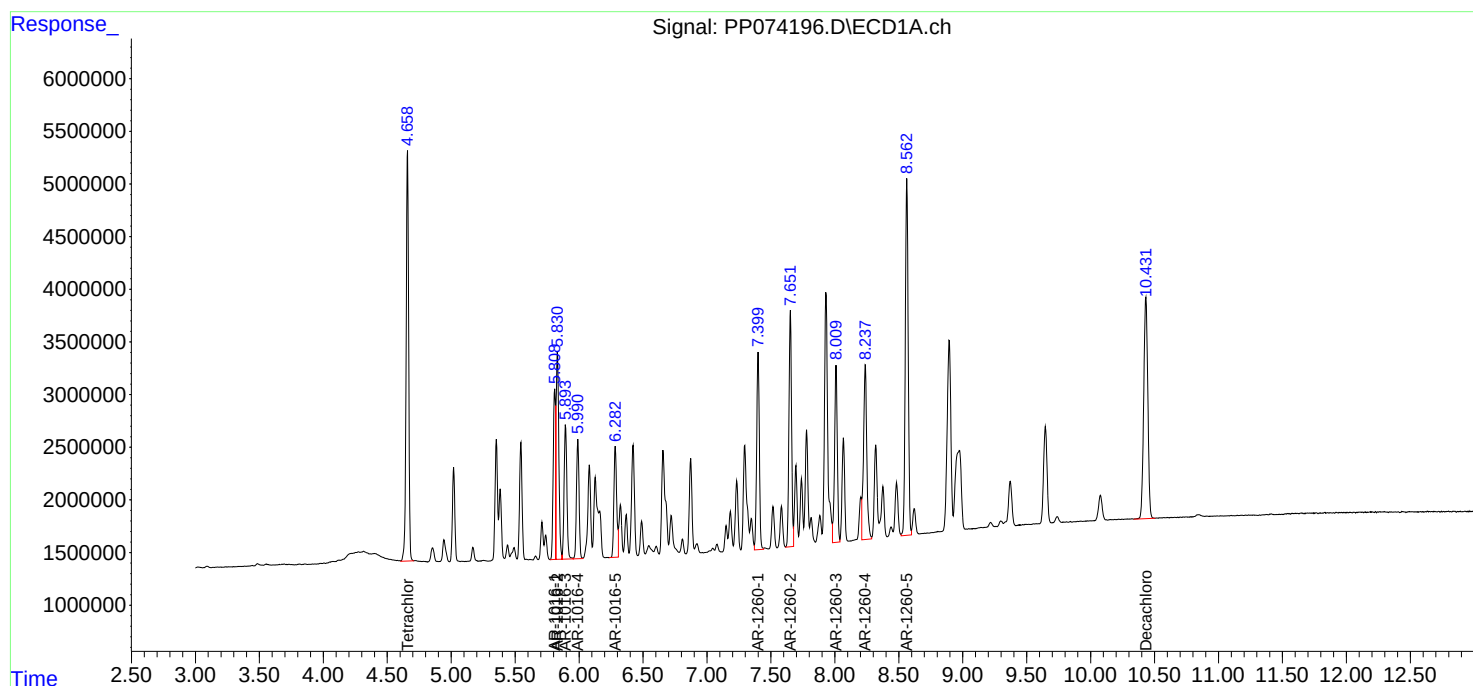
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

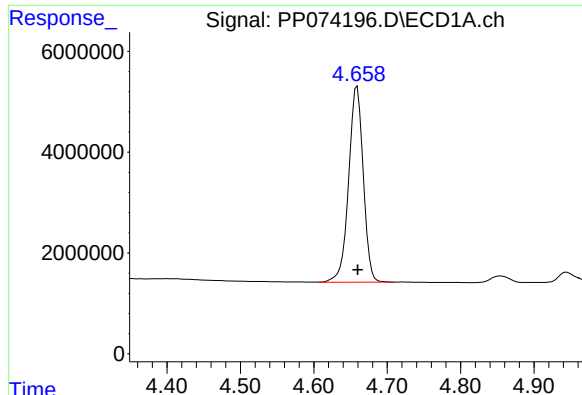
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074196.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 21:16
Operator : YP\AJ
Sample : PP080125ICV500
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:54 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

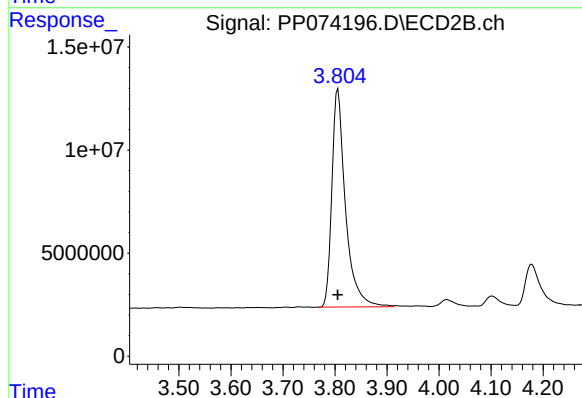




#1 Tetrachloro-m-xylene

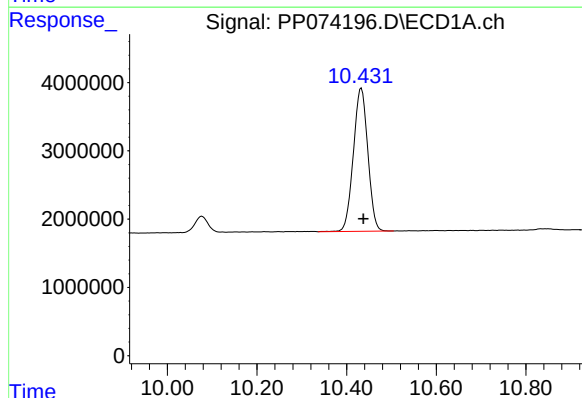
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 53809613
Conc: 48.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



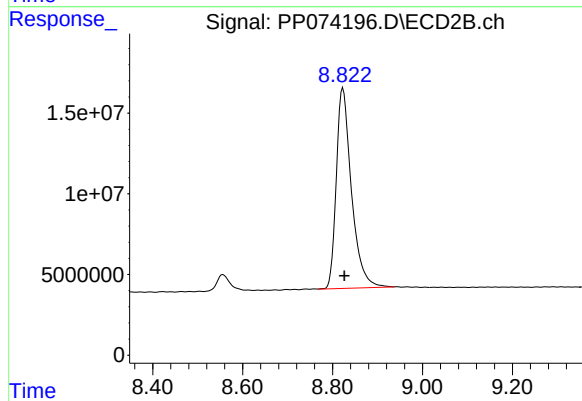
#1 Tetrachloro-m-xylene

R.T.: 3.806 min
Delta R.T.: 0.000 min
Response: 192460994
Conc: 50.19 ng/ml



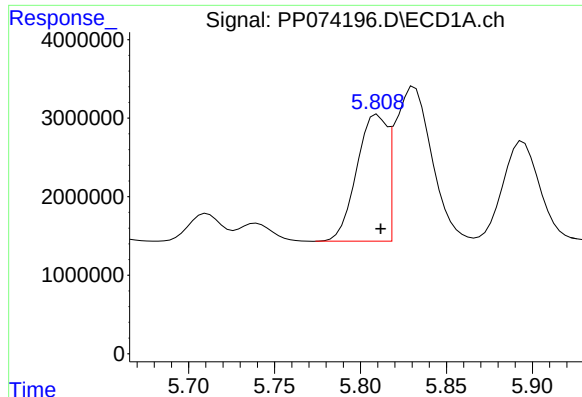
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.004 min
Response: 46918201
Conc: 48.31 ng/ml



#2 Decachlorobiphenyl

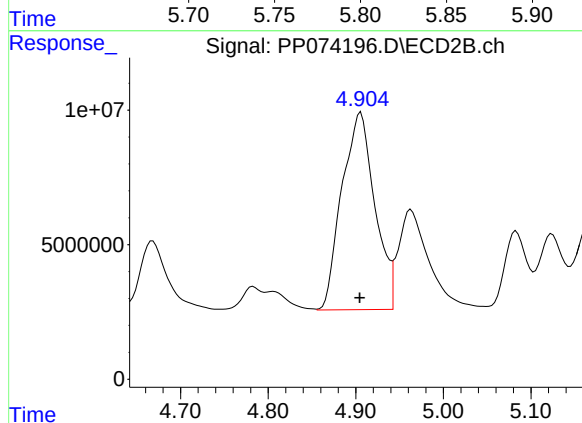
R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 290236674
Conc: 48.26 ng/ml



#3 AR-1016-1

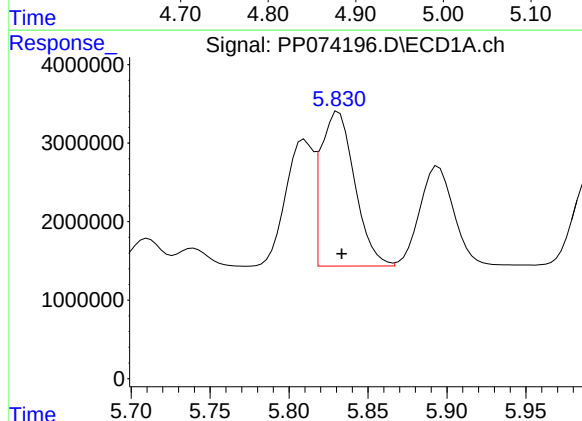
R.T.: 5.810 min
Delta R.T.: -0.002 min
Response: 19711119
Conc: 477.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



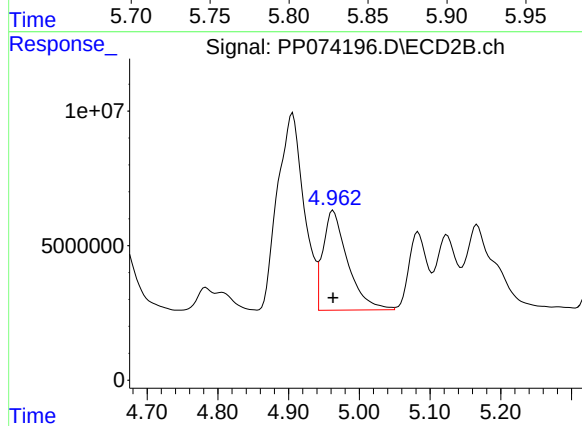
#3 AR-1016-1

R.T.: 4.906 min
Delta R.T.: 0.001 min
Response: 191326645
Conc: 479.65 ng/ml



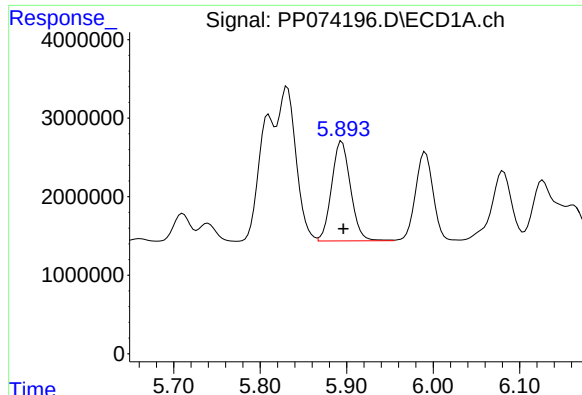
#4 AR-1016-2

R.T.: 5.831 min
Delta R.T.: -0.002 min
Response: 29290082
Conc: 482.21 ng/ml



#4 AR-1016-2

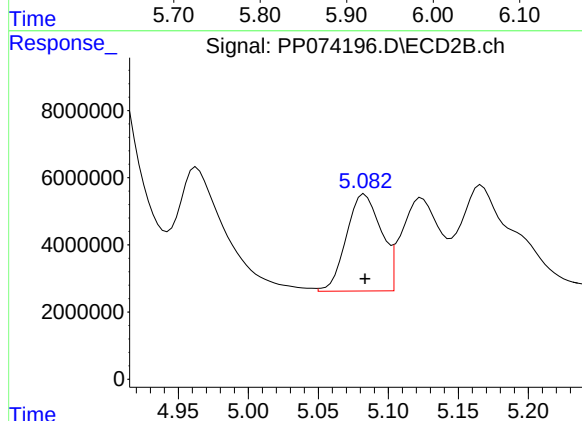
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 90085682
Conc: 479.67 ng/ml



#5 AR-1016-3

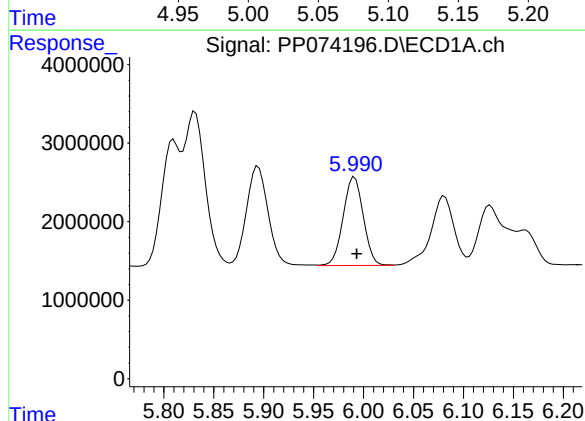
R.T.: 5.894 min
Delta R.T.: -0.002 min
Response: 19171615
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



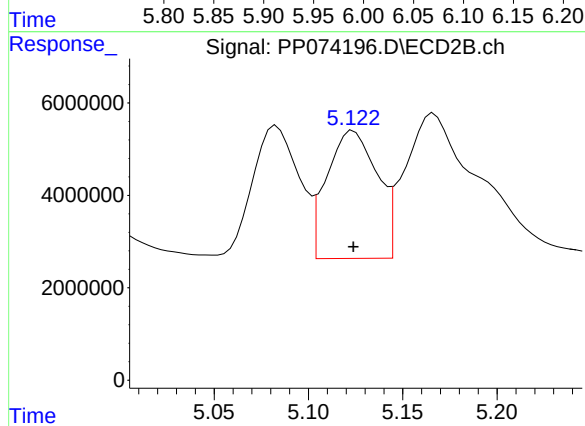
#5 AR-1016-3

R.T.: 5.083 min
Delta R.T.: 0.000 min
Response: 49893167
Conc: 470.38 ng/ml



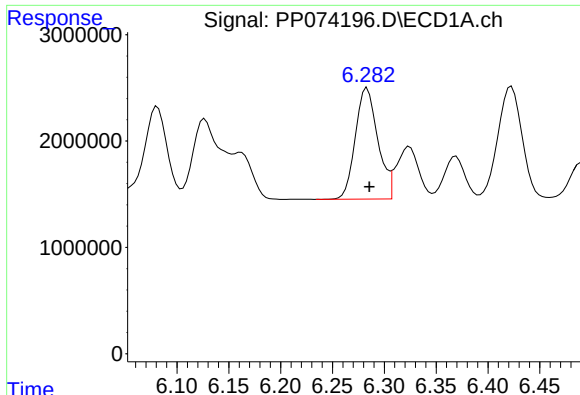
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: -0.002 min
Response: 15834175
Conc: 486.54 ng/ml



#6 AR-1016-4

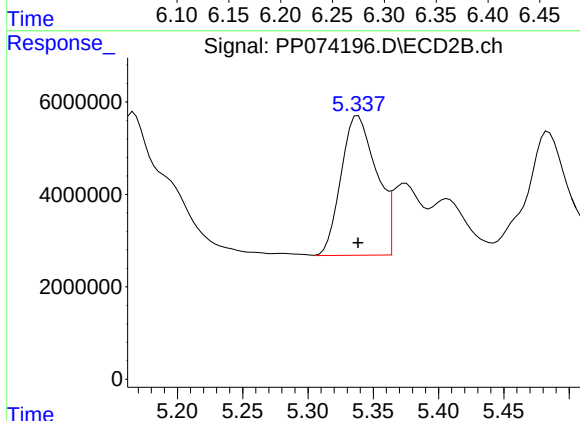
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 51335124
Conc: 470.02 ng/ml



#7 AR-1016-5

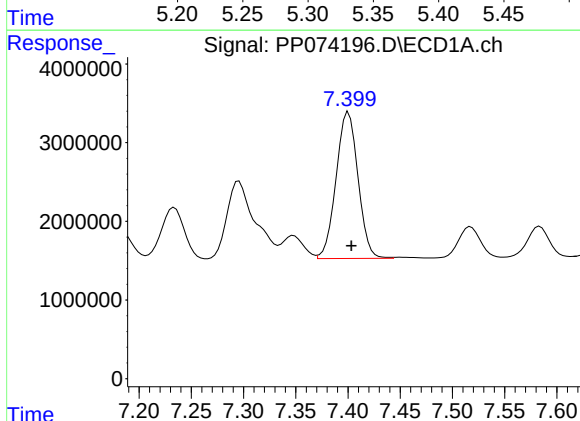
R.T.: 6.283 min
Delta R.T.: -0.002 min
Response: 15788703
Conc: 486.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



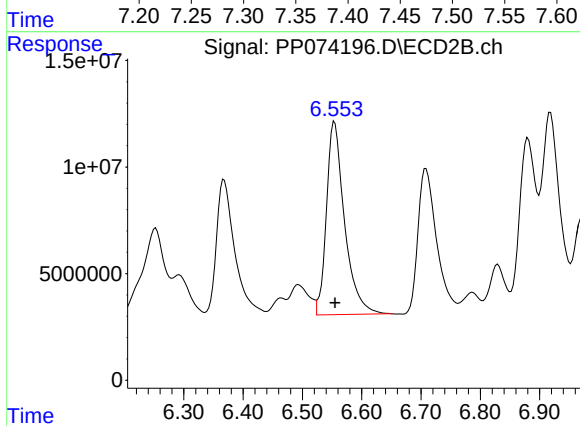
#7 AR-1016-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 57011251
Conc: 487.43 ng/ml



#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 27159073
Conc: 481.92 ng/ml

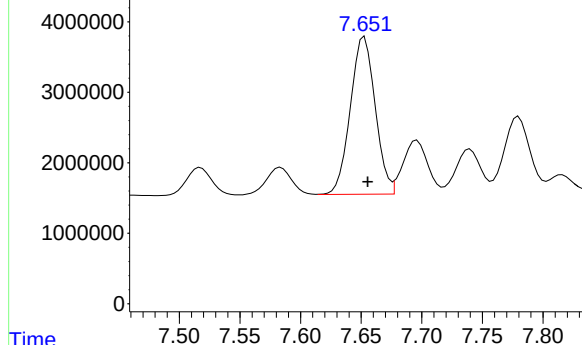


#31 AR-1260-1

R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 192539458
Conc: 476.63 ng/ml

Response_ Signal: PP074196.D\ECD1A.ch

#32 AR-1260-2

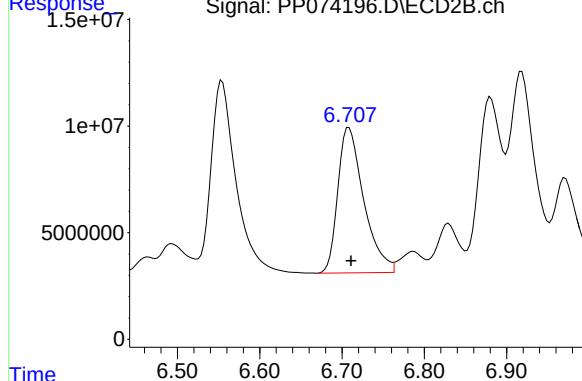


R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 31876376
Conc: 467.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125

Time Response Signal: PP074196.D\ECD2B.ch

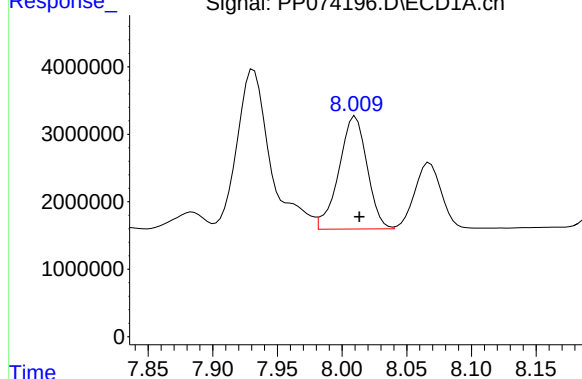
#32 AR-1260-2



R.T.: 6.708 min
Delta R.T.: -0.002 min
Response: 149358620
Conc: 477.64 ng/ml

Time Response_ Signal: PP074196.D\ECD1A.ch

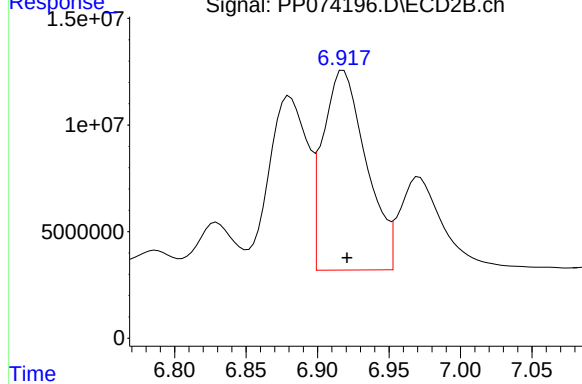
#33 AR-1260-3



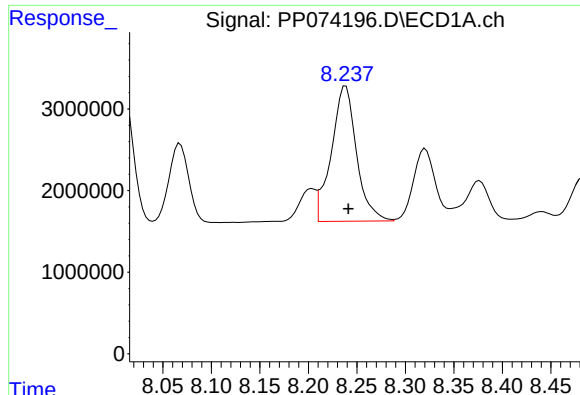
R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 25282960
Conc: 474.39 ng/ml

Time Response Signal: PP074196.D\ECD2B.ch

#33 AR-1260-3



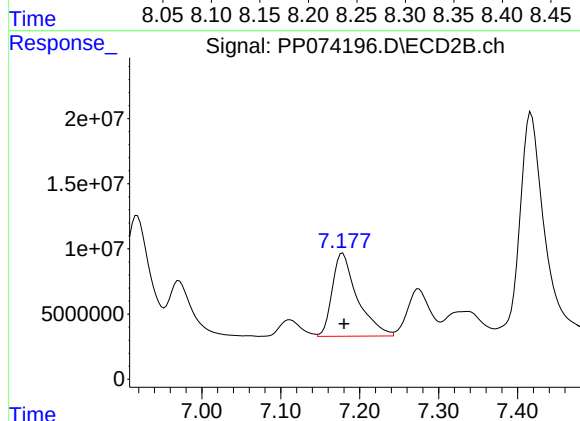
R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 196859105
Conc: 499.49 ng/ml



#34 AR-1260-4

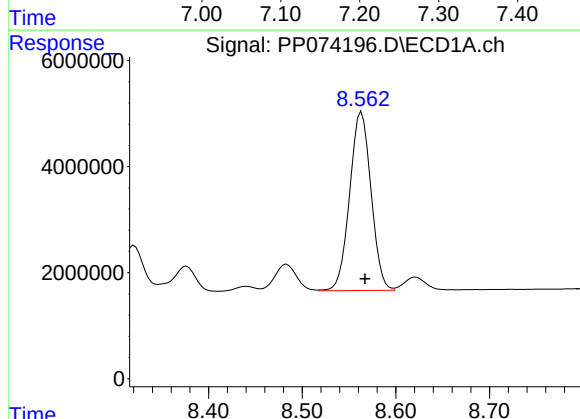
R.T.: 8.239 min
Delta R.T.: -0.003 min
Response: 29964985
Conc: 478.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125



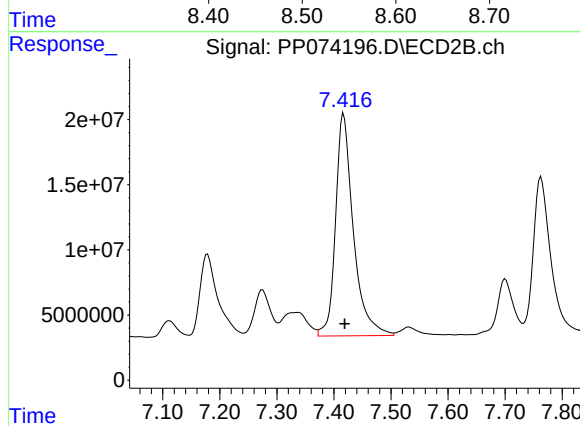
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 140735248
Conc: 483.66 ng/ml



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 53436862
Conc: 471.62 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 370561588
Conc: 489.25 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 22:05
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP080125AR1242

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/05/2025
 Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:36:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 01:33:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.655	3.804	55143327	198.9E6	49.310	51.866
2) SA Decachlor...	10.427	8.822	47800939	295.6E6	49.220	49.156
Target Compounds						
16) L4 AR-1242-1	5.806	4.904	17499270	167.4E6	469.580	484.954
17) L4 AR-1242-2	5.827	4.962	25894594	77861664	475.925	476.575
18) L4 AR-1242-3	5.890	5.082	17050061	43676713	477.113	473.468
19) L4 AR-1242-4	5.987	5.164	14124012	56465948	483.390	472.829m
20) L4 AR-1242-5	6.716	5.686	16823190	70286035	473.119	469.952

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

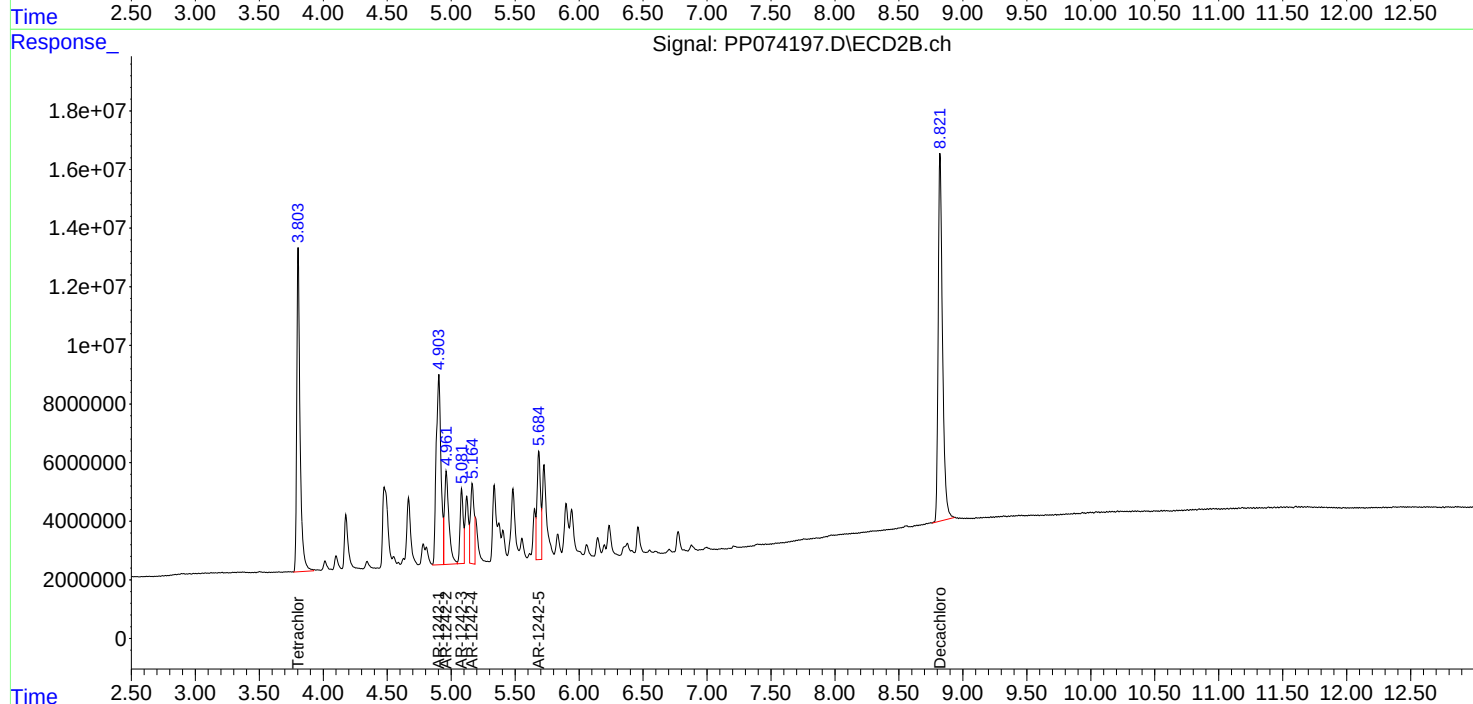
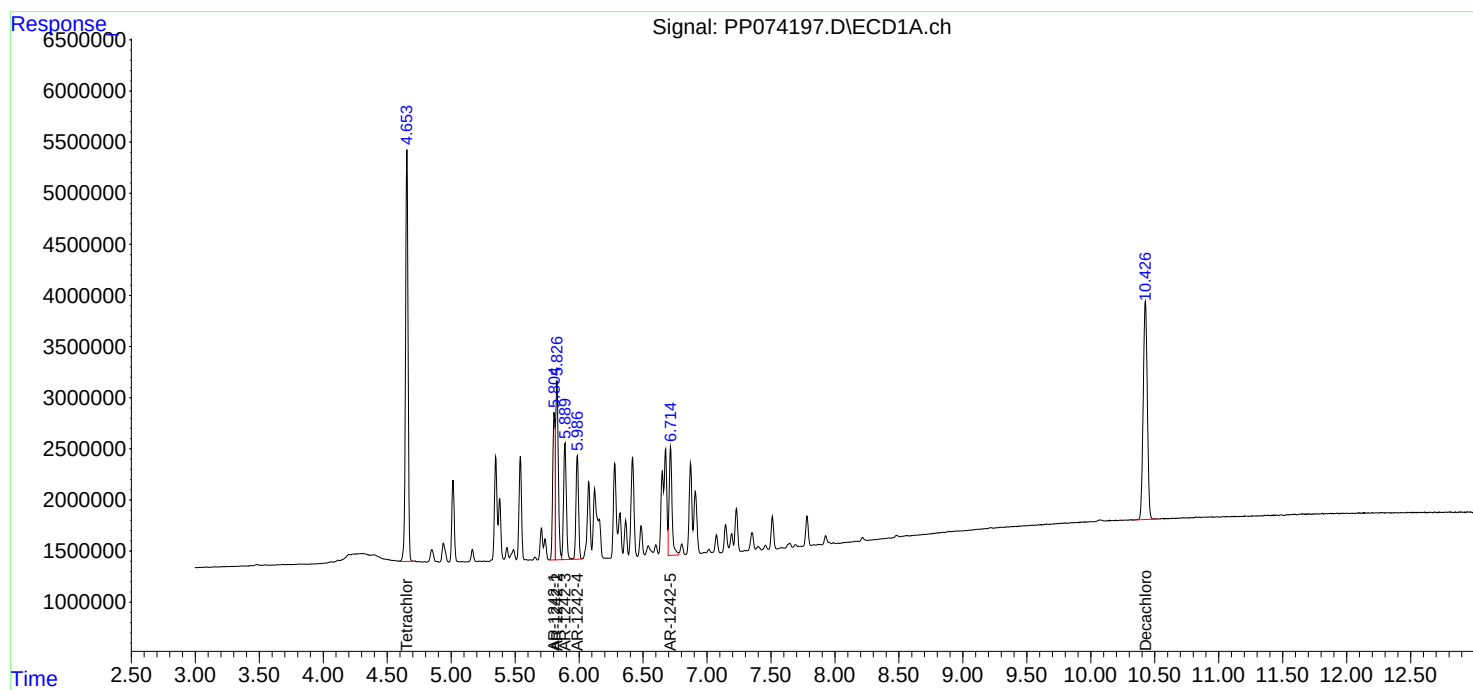
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Manual Integrations
APPROVED

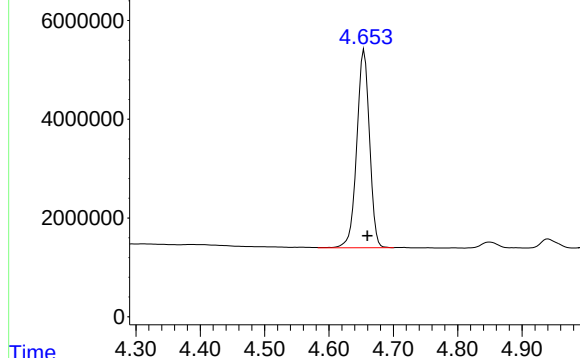
Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP074197.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :

ECD_P

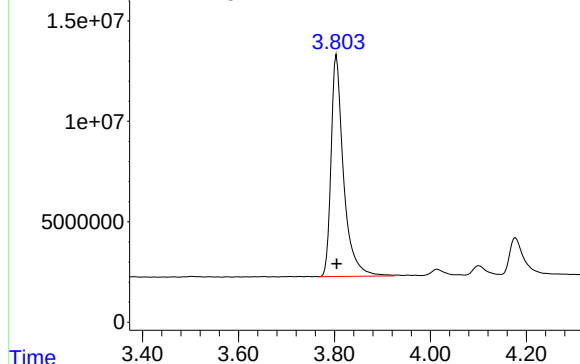
ClientSampleId :

ICVPP080125AR1242

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025

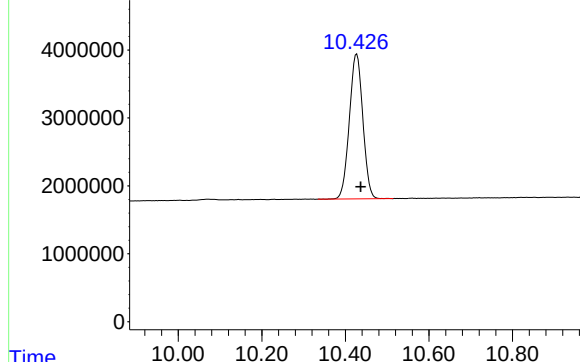
Response_ Signal: PP074197.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml

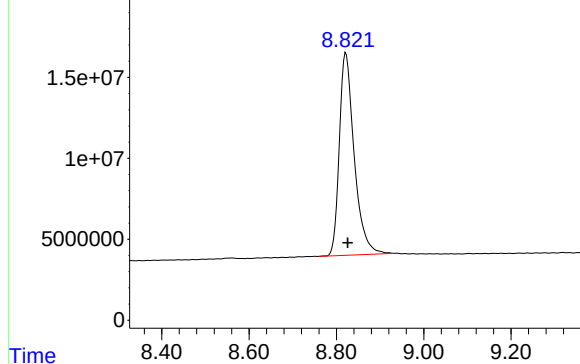
Response_ Signal: PP074197.D\ECD1A.ch



#2 Decachlorobiphenyl

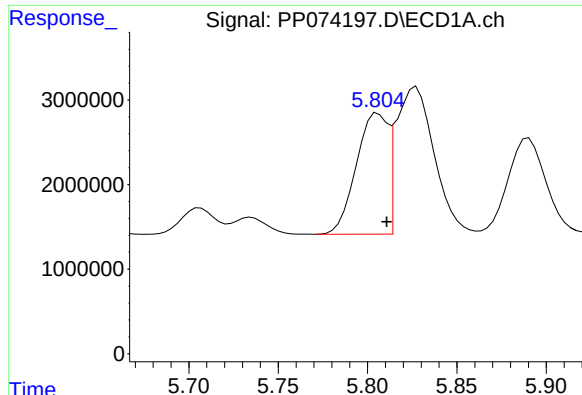
R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml

Response_ Signal: PP074197.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



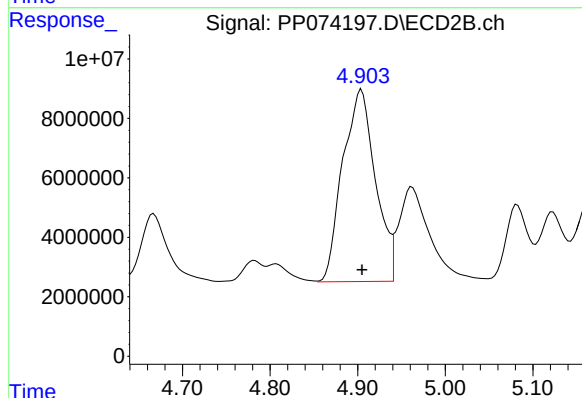
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

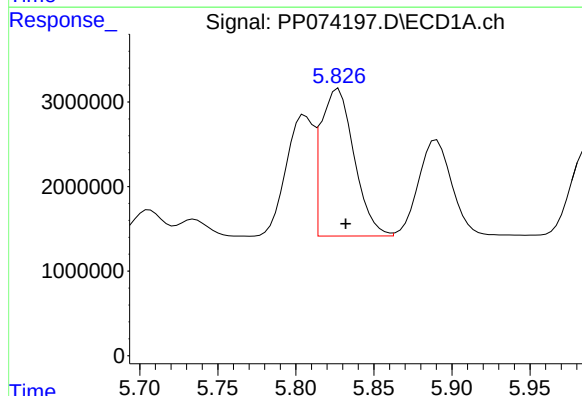
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



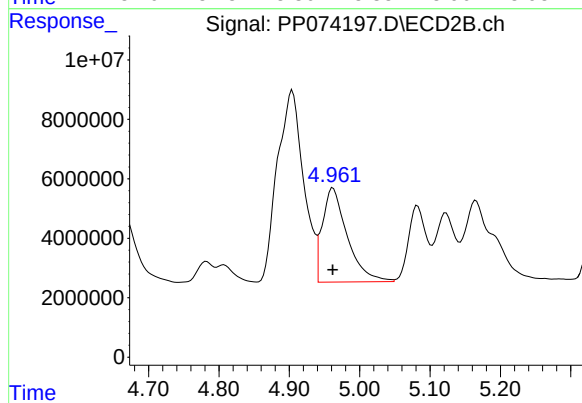
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



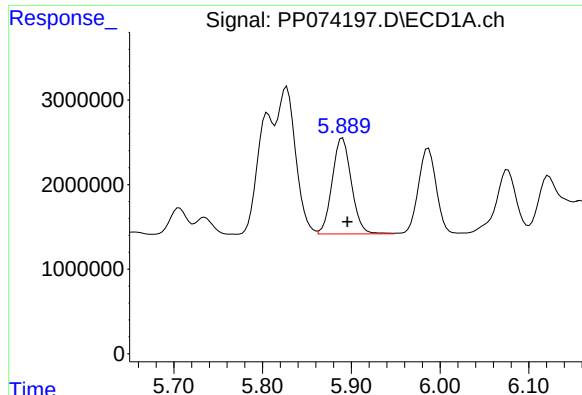
#17 AR-1242-2

R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml



#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



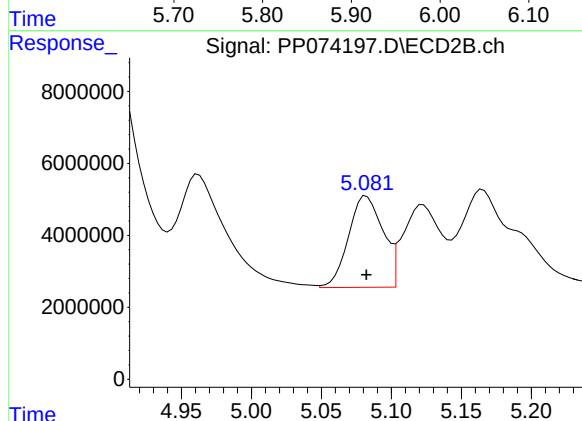
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

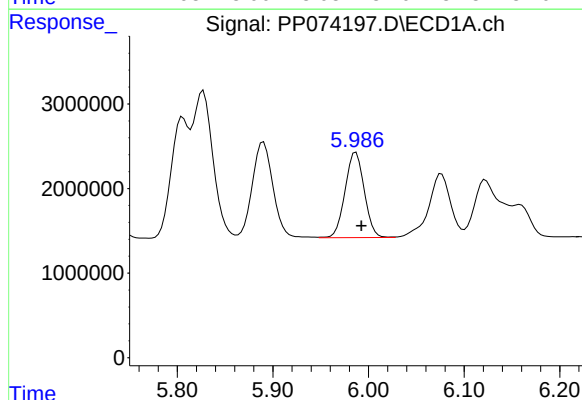
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



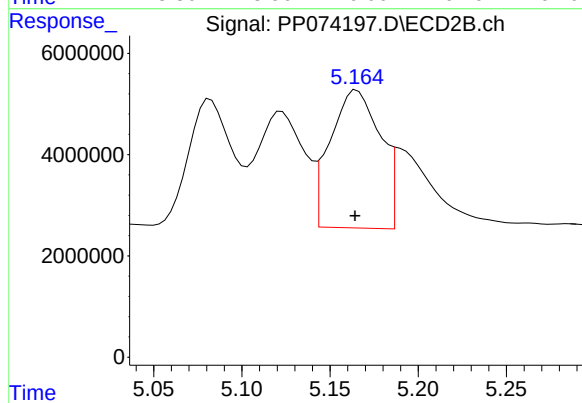
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



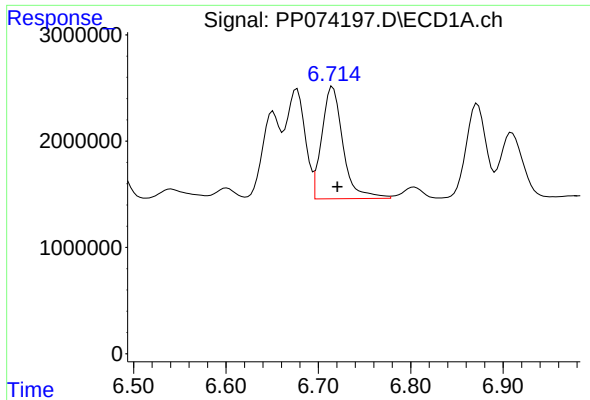
#19 AR-1242-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml



#19 AR-1242-4

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 56465948
Conc: 472.83 ng/ml m



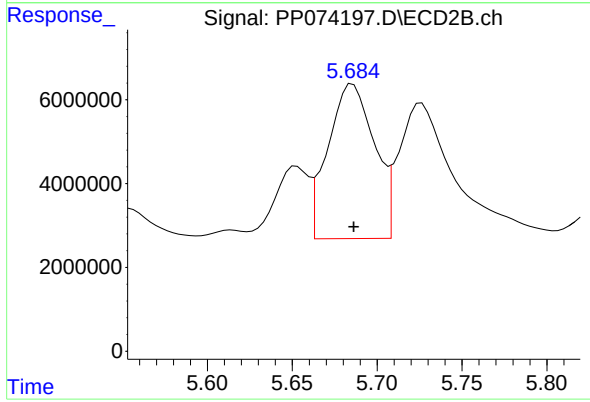
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/05/2025
Supervised By :mohammad ahmed 08/08/2025



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 23:10
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP080125AR1254

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 04 11:04:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.803	53831323	191.6E6	48.137	49.971
2) SA Decachlor...	10.430	8.820	47450930	299.2E6	48.860	49.761
Target Compounds						
26) L6 AR-1254-1	6.654	5.686	27290919	178.5E6	518.434m	487.493
27) L6 AR-1254-2	6.871	5.833	37599140	134.8E6	472.918	484.650
28) L6 AR-1254-3	7.233	6.235	40597005	245.2E6	464.942	501.115
29) L6 AR-1254-4	7.514	6.462	30708926	181.0E6	481.260	492.525
30) L6 AR-1254-5	7.930	6.878	38809795	188.2E6	478.279	488.601

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

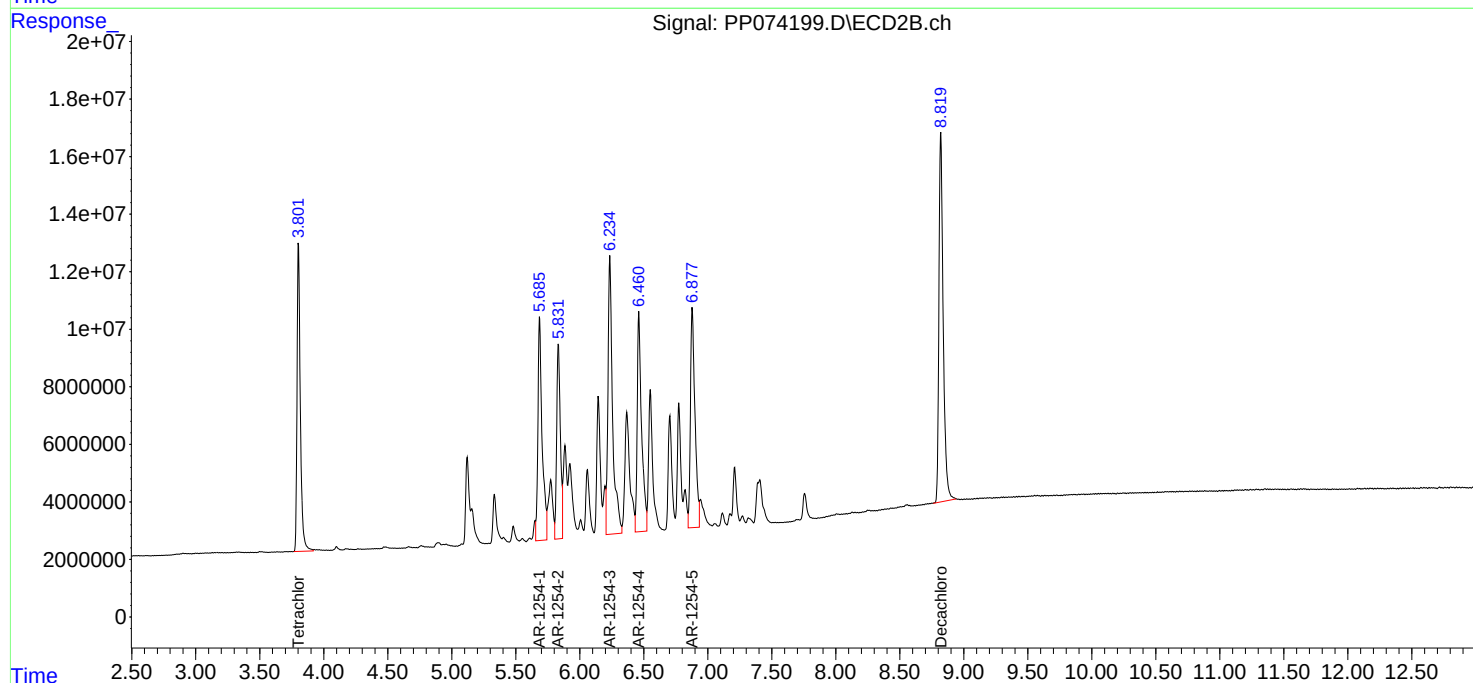
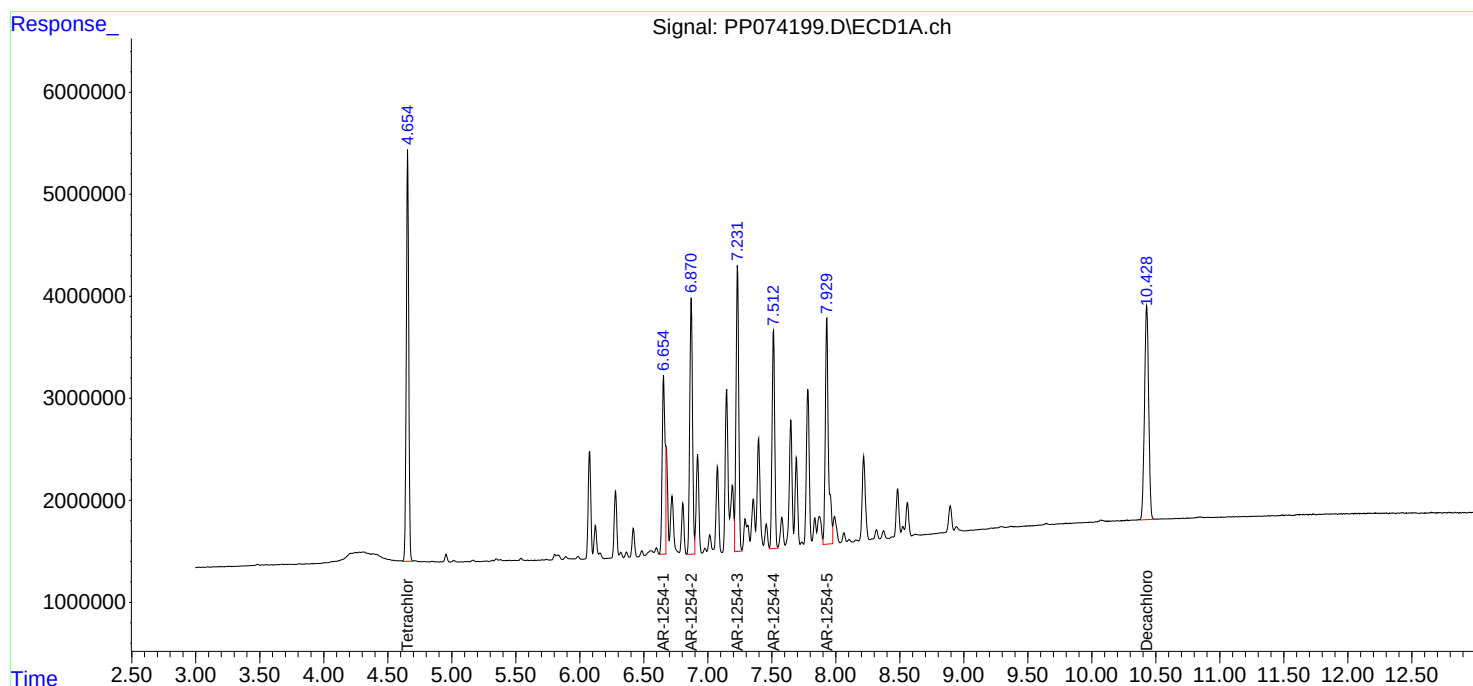
Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

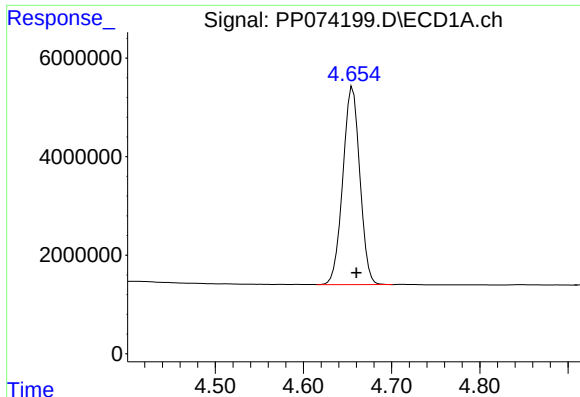
Manual Integrations
APPROVED

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

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 04 11:04:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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





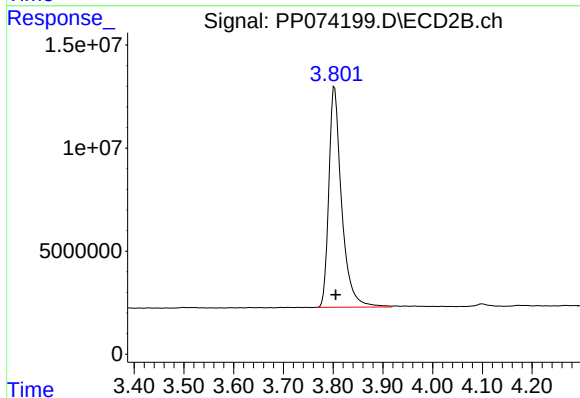
#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

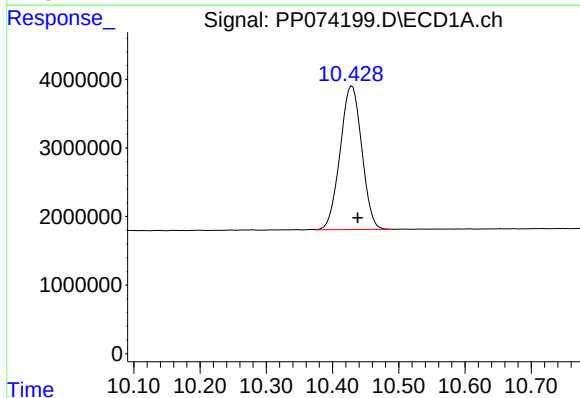
Manual Integrations
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Reviewed By :Yogesh Patel 08/08/2025
Supervised By :mohammad ahmed 08/08/2025



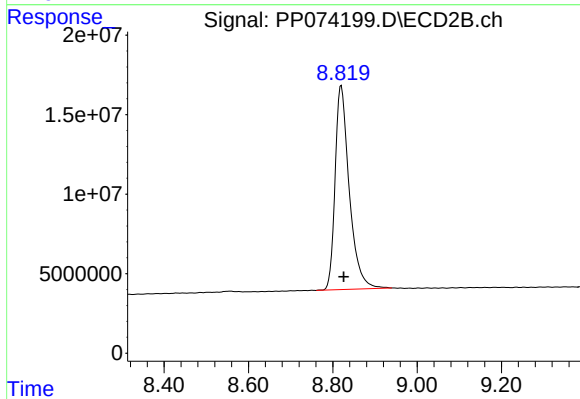
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.003 min
Response: 191609515
Conc: 49.97 ng/ml



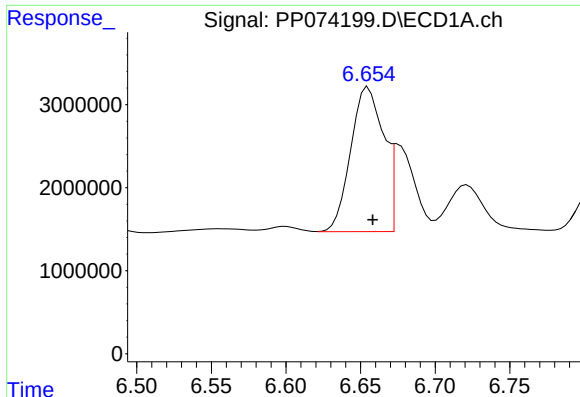
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



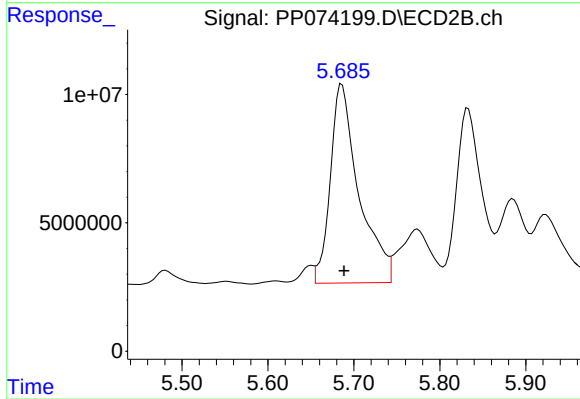
#26 AR-1254-1

R.T.: 6.654 min
Delta R.T.: -0.004 min
Response: 27290919
Conc: 518.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

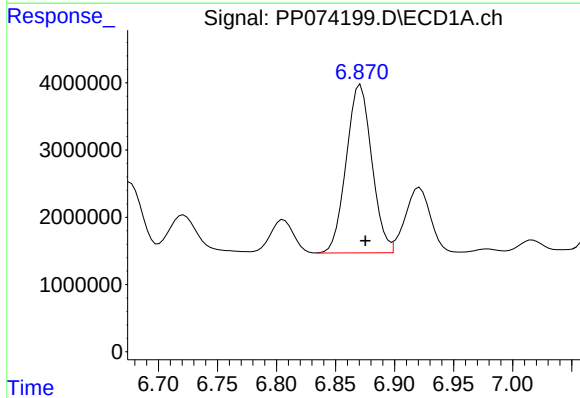
Manual Integrations
APPROVED

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



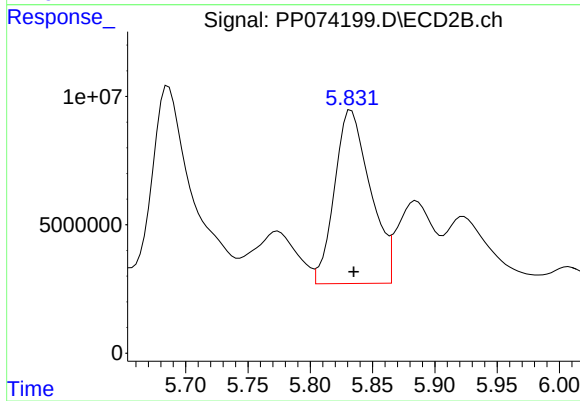
#26 AR-1254-1

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



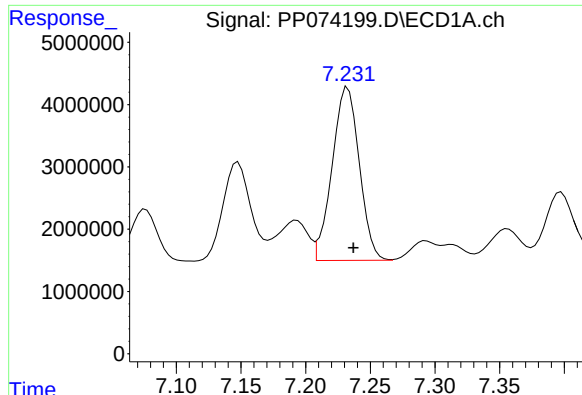
#27 AR-1254-2

R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml



#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



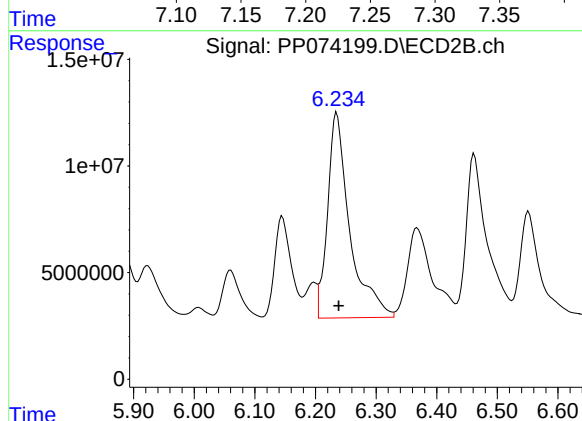
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

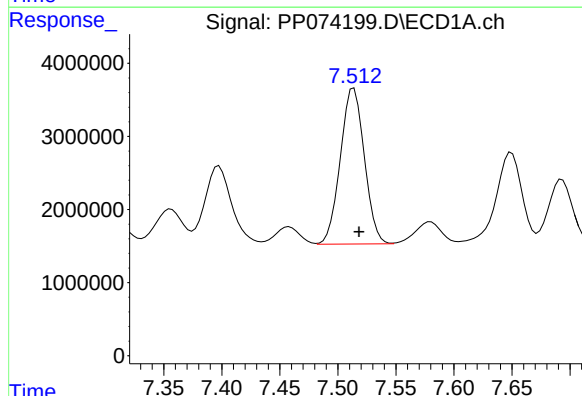
Manual Integrations
APPROVED

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



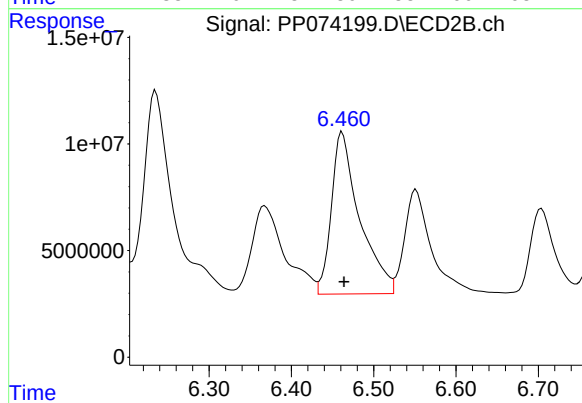
#28 AR-1254-3

R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



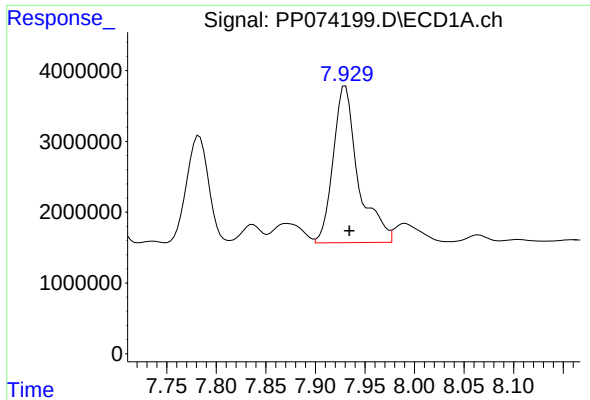
#29 AR-1254-4

R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml



#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



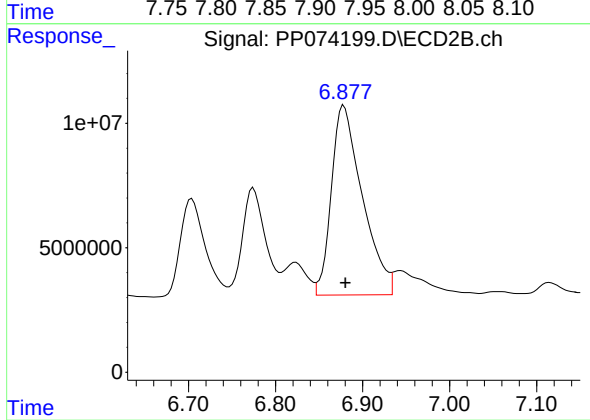
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Manual Integrations
APPROVED

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



#30 AR-1254-5

R.T.: 6.878 min
Delta R.T.: -0.002 min
Response: 188193102
Conc: 488.60 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Continuing Calib Date: 08/18/2025

Initial Calibration Date(s): 08/01/2025

08/01/2025

Continuing Calib Time: 08:47

Initial Calibration Time(s): 12:05

20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.00
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.44	10.44	10.34	10.54	0.00



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Continuing Calib Date: 08/18/2025

Initial Calibration Date(s): 08/01/2025

08/01/2025

Continuing Calib Time: 08:47

Initial Calibration Time(s): 12:05

20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.71	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.91	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.82	8.83	8.73	8.93	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/18/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074439.D **Time Analyzed:** 08:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.809	5.712	5.912	504.040	500.000	0.8
Aroclor-1016-2	5.830	5.733	5.933	498.100	500.000	-0.4
Aroclor-1016-3	5.893	5.796	5.996	503.080	500.000	0.6
Aroclor-1016-4	5.990	5.893	6.093	509.690	500.000	1.9
Aroclor-1016-5	6.283	6.186	6.386	505.710	500.000	1.1
Aroclor-1260-1	7.400	7.303	7.503	480.320	500.000	-3.9
Aroclor-1260-2	7.653	7.555	7.755	458.550	500.000	-8.3
Aroclor-1260-3	8.010	7.913	8.113	468.630	500.000	-6.3
Aroclor-1260-4	8.238	8.142	8.342	468.270	500.000	-6.3
Aroclor-1260-5	8.564	8.468	8.668	447.150	500.000	-10.6
Decachlorobiphenyl	10.435	10.338	10.538	46.860	50.000	-6.3
Tetrachloro-m-xylene	4.657	4.560	4.760	53.340	50.000	6.7



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL01 **Date Analyzed:** 08/18/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074439.D **Time Analyzed:** 08:47

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.900	4.806	5.006	555.540	500.000	11.1
Aroclor-1016-2	4.958	4.863	5.063	595.940	500.000	19.2
Aroclor-1016-3	5.078	4.983	5.183	575.710	500.000	15.1
Aroclor-1016-4	5.120	5.023	5.223	563.680	500.000	12.7
Aroclor-1016-5	5.334	5.239	5.439	582.300	500.000	16.5
Aroclor-1260-1	6.549	6.455	6.655	522.610	500.000	4.5
Aroclor-1260-2	6.705	6.609	6.809	512.680	500.000	2.5
Aroclor-1260-3	6.913	6.819	7.019	542.790	500.000	8.6
Aroclor-1260-4	7.173	7.079	7.279	529.860	500.000	6.0
Aroclor-1260-5	7.412	7.318	7.518	524.470	500.000	4.9
Decachlorobiphenyl	8.817	8.726	8.926	50.180	50.000	0.4
Tetrachloro-m-xylene	3.802	3.705	3.905	62.370	50.000	24.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 08:47
 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: Aug 18 12:57:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.657	3.802	59651921	239.2E6	53.341	62.374
2) SA Decachlor...	10.435	8.817	45506705	301.8E6	46.858	50.182
Target Compounds						
3) L1 AR-1016-1	5.809	4.900	20795010	221.6E6	504.038	555.542
4) L1 AR-1016-2	5.830	4.958	30255348	111.9E6	498.098	595.945
5) L1 AR-1016-3	5.893	5.078	19952599	61065597	503.085	575.712
6) L1 AR-1016-4	5.990	5.120	16587493	61565467	509.687	563.683
7) L1 AR-1016-5	6.283	5.334	16419578	68107192	505.715	582.296
31) L7 AR-1260-1	7.400	6.549	27069118	211.1E6	480.323	522.605
32) L7 AR-1260-2	7.653	6.705	31251026	160.3E6	458.546	512.681
33) L7 AR-1260-3	8.010	6.913	24976243	213.9E6	468.633	542.792
34) L7 AR-1260-4	8.238	7.173	29320689	154.2E6	468.270	529.857
35) L7 AR-1260-5	8.564	7.412	50664851	397.2E6	447.155	524.467

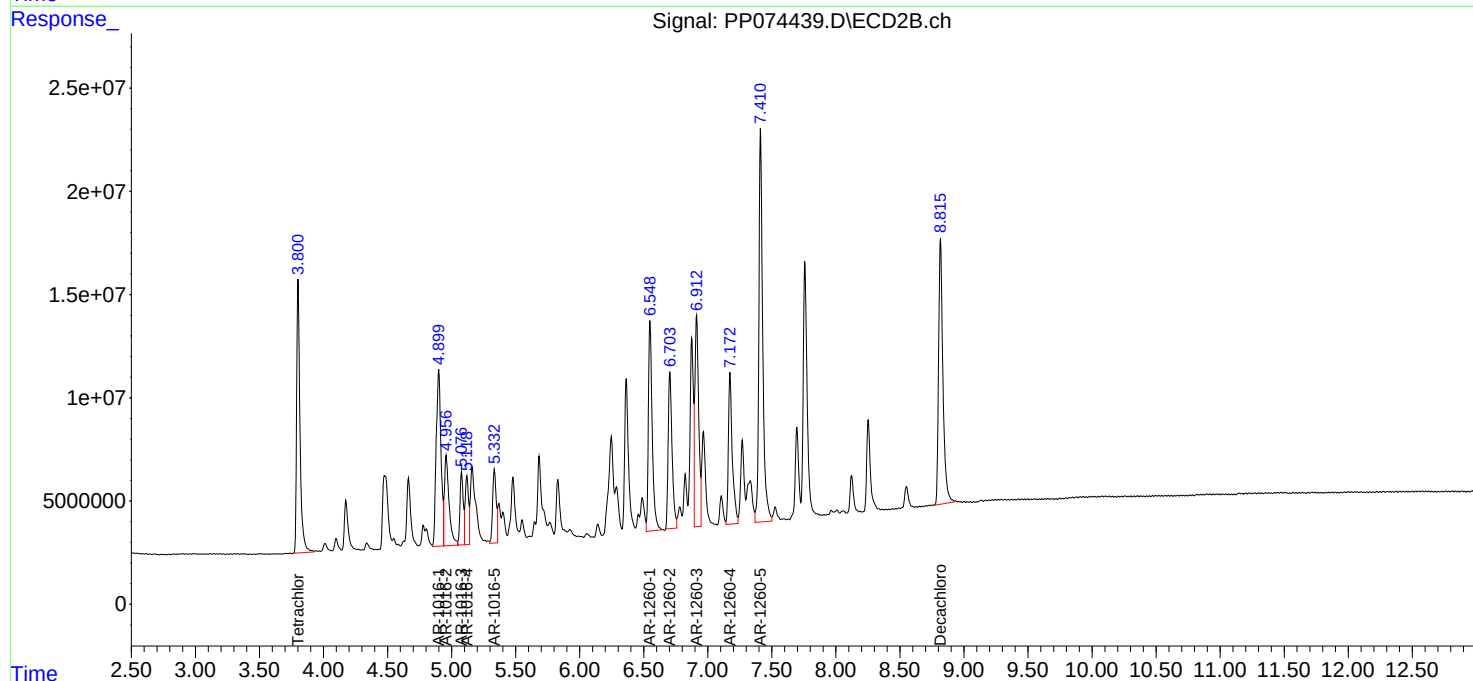
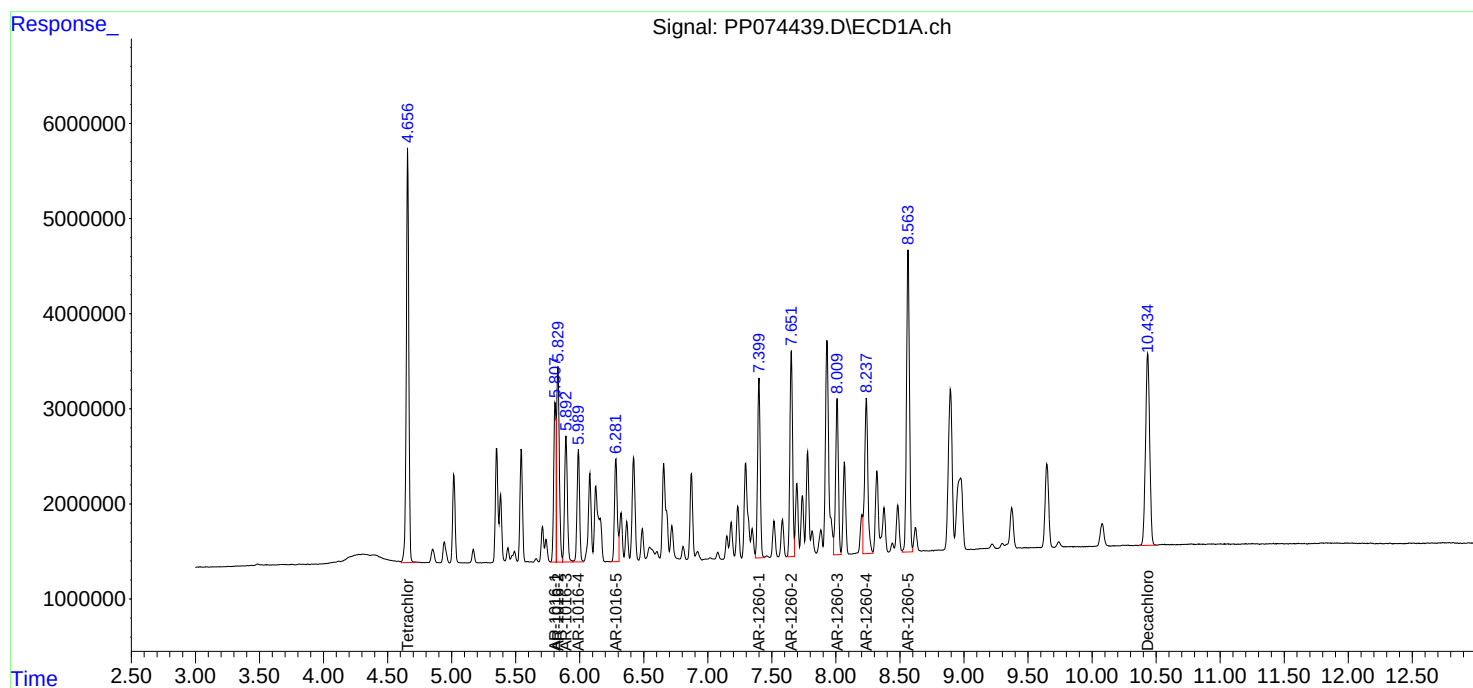
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

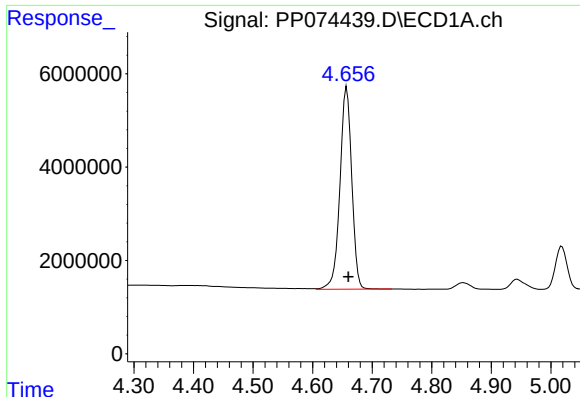
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074439.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 08:47
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 12:57:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

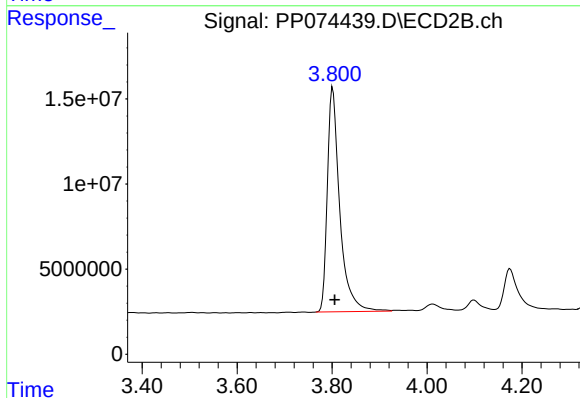




#1 Tetrachloro-m-xylene

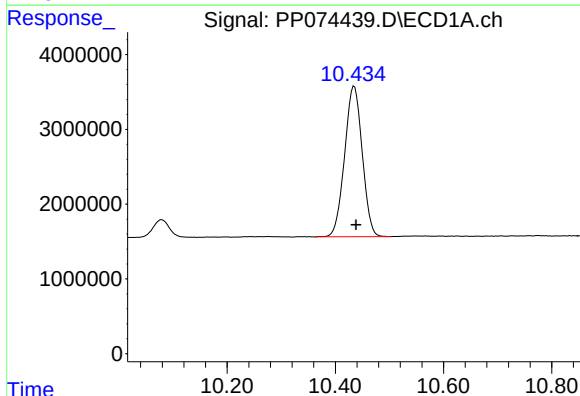
R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 59651921
Conc: 53.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



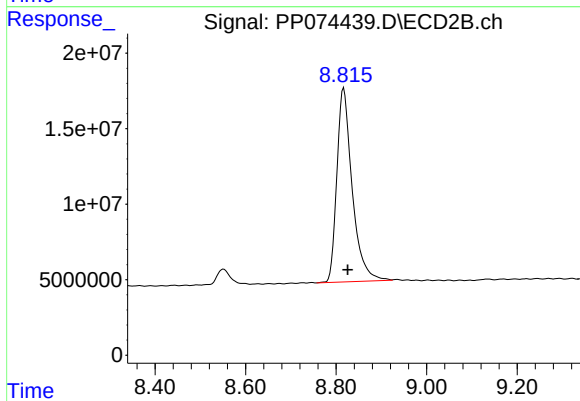
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: -0.004 min
Response: 239169149
Conc: 62.37 ng/ml



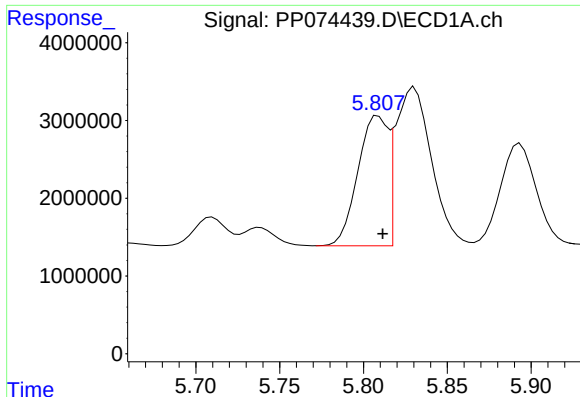
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 45506705
Conc: 46.86 ng/ml



#2 Decachlorobiphenyl

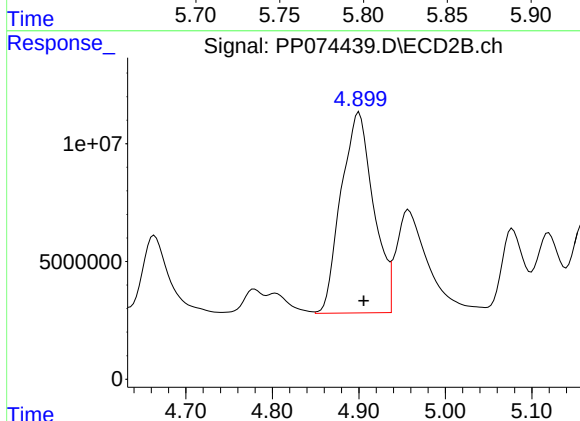
R.T.: 8.817 min
Delta R.T.: -0.009 min
Response: 301776231
Conc: 50.18 ng/ml



#3 AR-1016-1

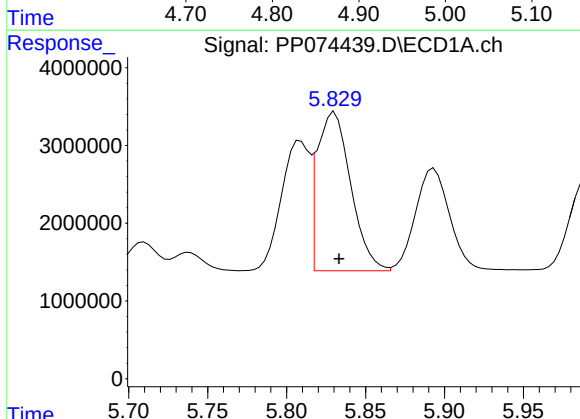
R.T.: 5.809 min
Delta R.T.: -0.003 min
Response: 20795010
Conc: 504.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



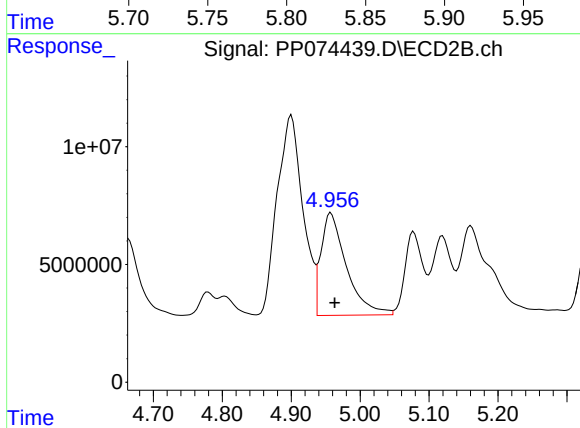
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 221598844
Conc: 555.54 ng/ml



#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 30255348
Conc: 498.10 ng/ml



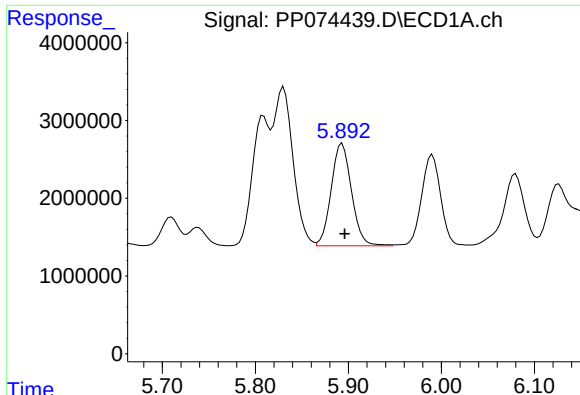
#4 AR-1016-2

R.T.: 4.958 min
Delta R.T.: -0.006 min
Response: 111923813
Conc: 595.94 ng/ml

#5 AR-1016-3

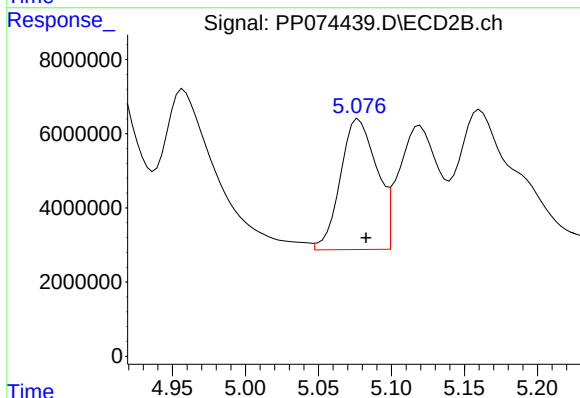
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 19952599
Conc: 503.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



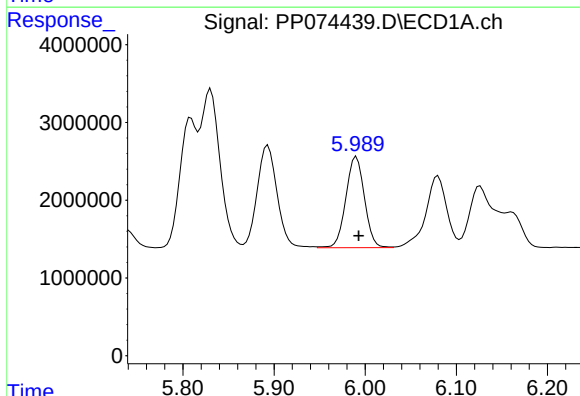
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 61065597
Conc: 575.71 ng/ml



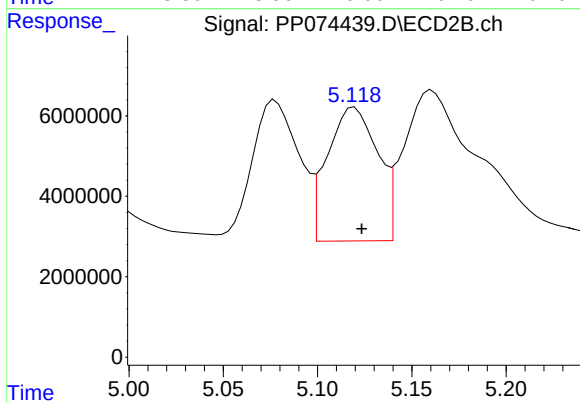
#6 AR-1016-4

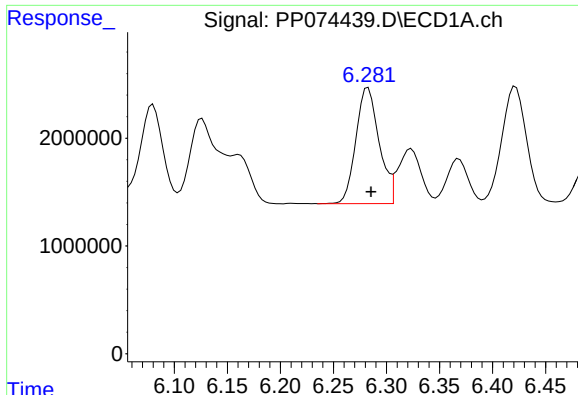
R.T.: 5.990 min
Delta R.T.: -0.003 min
Response: 16587493
Conc: 509.69 ng/ml



#6 AR-1016-4

R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 61565467
Conc: 563.68 ng/ml

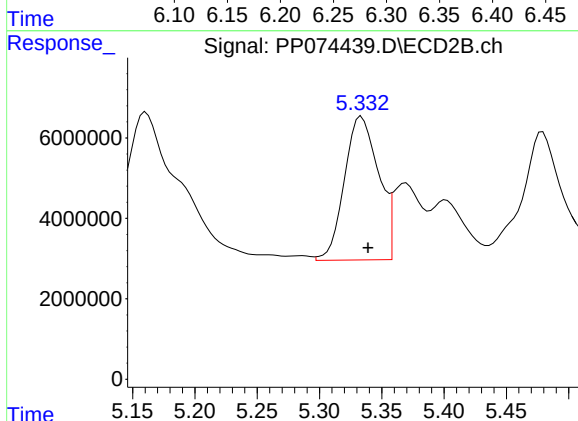




#7 AR-1016-5

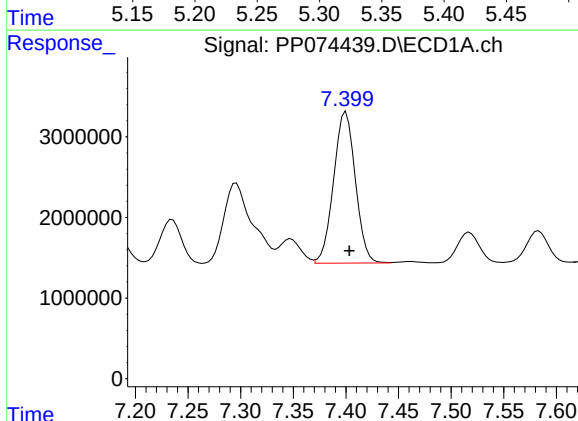
R.T.: 6.283 min
Delta R.T.: -0.003 min
Response: 16419578
Conc: 505.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



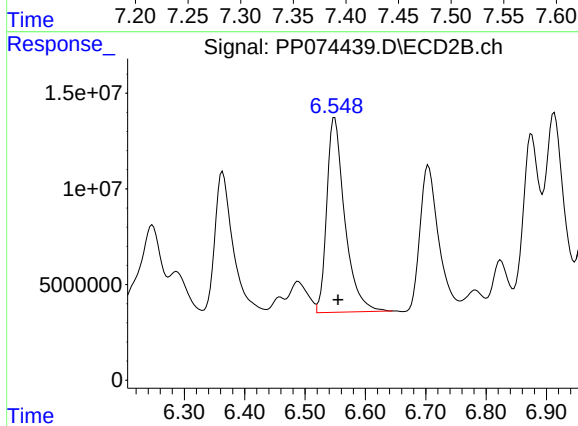
#7 AR-1016-5

R.T.: 5.334 min
Delta R.T.: -0.005 min
Response: 68107192
Conc: 582.30 ng/ml



#31 AR-1260-1

R.T.: 7.400 min
Delta R.T.: -0.003 min
Response: 27069118
Conc: 480.32 ng/ml

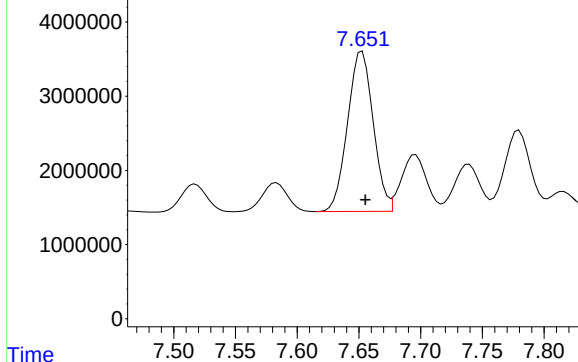


#31 AR-1260-1

R.T.: 6.549 min
Delta R.T.: -0.006 min
Response: 211110155
Conc: 522.61 ng/ml

Response_ Signal: PP074439.D\ECD1A.ch

#32 AR-1260-2

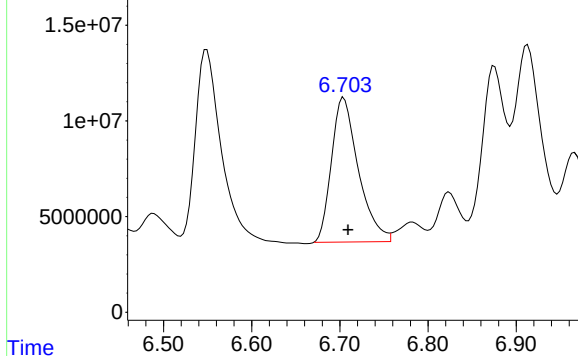


R.T.: 7.653 min
Delta R.T.: -0.003 min
Response: 31251026
Conc: 458.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Time Response_ Signal: PP074439.D\ECD2B.ch

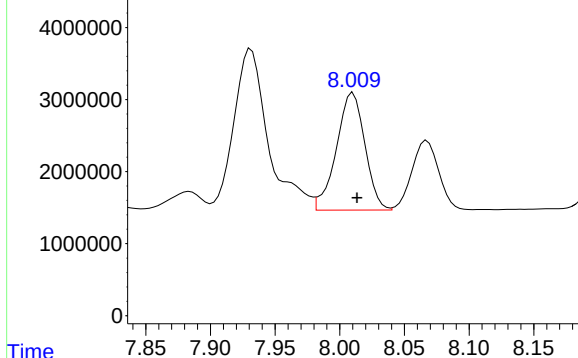
#32 AR-1260-2



R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 160314744
Conc: 512.68 ng/ml

Time Response_ Signal: PP074439.D\ECD1A.ch

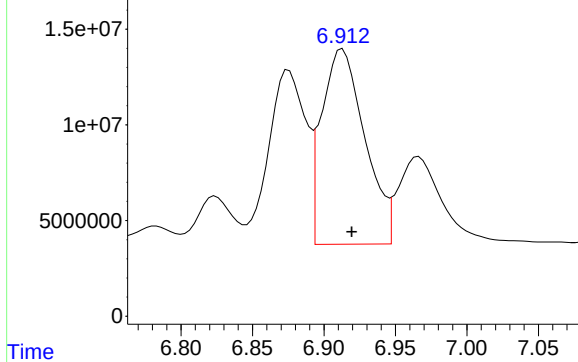
#33 AR-1260-3



R.T.: 8.010 min
Delta R.T.: -0.003 min
Response: 24976243
Conc: 468.63 ng/ml

Time Response_ Signal: PP074439.D\ECD2B.ch

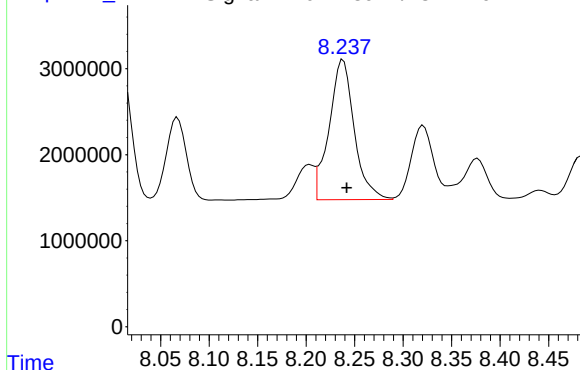
#33 AR-1260-3



R.T.: 6.913 min
Delta R.T.: -0.006 min
Response: 213924316
Conc: 542.79 ng/ml

Response_ Signal: PP074439.D\ECD1A.ch

#34 AR-1260-4

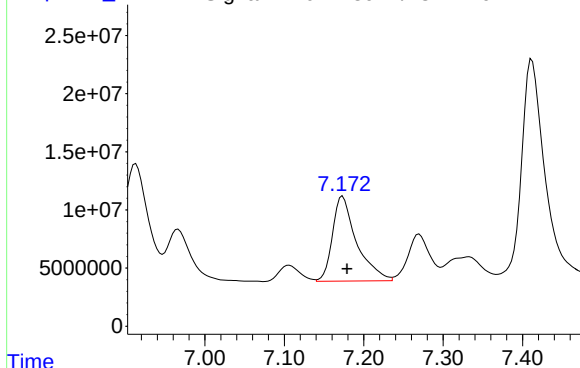


R.T.: 8.238 min
Delta R.T.: -0.004 min
Response: 29320689
Conc: 468.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Time Response_ Signal: PP074439.D\ECD2B.ch

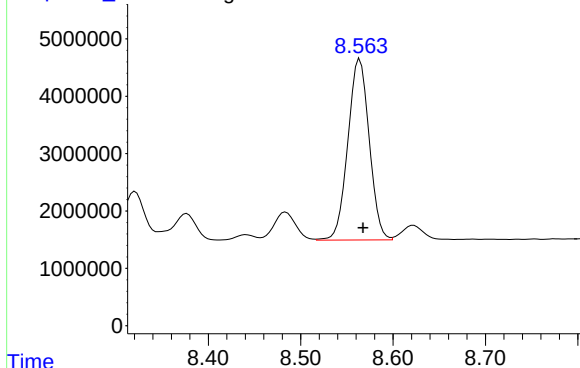
#34 AR-1260-4



R.T.: 7.173 min
Delta R.T.: -0.006 min
Response: 154177518
Conc: 529.86 ng/ml

Time Response_ Signal: PP074439.D\ECD1A.ch

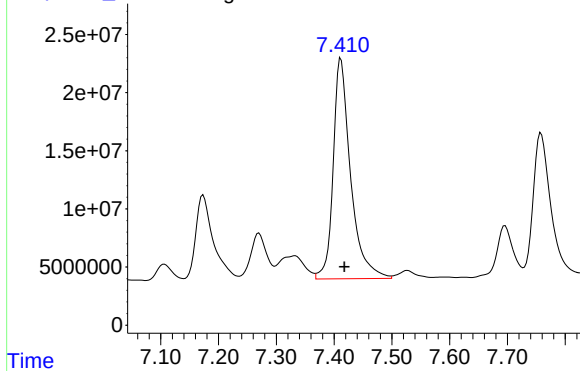
#35 AR-1260-5



R.T.: 8.564 min
Delta R.T.: -0.004 min
Response: 50664851
Conc: 447.15 ng/ml

Time Response_ Signal: PP074439.D\ECD2B.ch

#35 AR-1260-5



R.T.: 7.412 min
Delta R.T.: -0.006 min
Response: 397236304
Conc: 524.47 ng/ml



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Continuing Calib Date: 08/18/2025

Initial Calibration Date(s): 08/01/2025

08/01/2025

Continuing Calib Time: 14:46

Initial Calibration Time(s): 12:05

20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.01
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.01
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.23	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.65	4.66	4.56	4.76	0.01
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Continuing Calib Date: 08/18/2025

Initial Calibration Date(s): 08/01/2025 08/01/2025

Continuing Calib Time: 14:46

Initial Calibration Time(s): 12:05 20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.01
Aroclor-1016-3	(3)	5.07	5.08	4.98	5.18	0.01
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.01
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.70	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.91	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.81	8.83	8.73	8.93	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/18/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074453.D **Time Analyzed:** 14:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.805	5.712	5.912	497.150	500.000	-0.6
Aroclor-1016-2	5.826	5.733	5.933	495.630	500.000	-0.9
Aroclor-1016-3	5.889	5.796	5.996	502.270	500.000	0.5
Aroclor-1016-4	5.986	5.893	6.093	504.700	500.000	0.9
Aroclor-1016-5	6.278	6.186	6.386	496.790	500.000	-0.6
Aroclor-1260-1	7.395	7.303	7.503	471.360	500.000	-5.7
Aroclor-1260-2	7.648	7.555	7.755	455.560	500.000	-8.9
Aroclor-1260-3	8.006	7.913	8.113	460.680	500.000	-7.9
Aroclor-1260-4	8.234	8.142	8.342	461.580	500.000	-7.7
Aroclor-1260-5	8.559	8.468	8.668	444.840	500.000	-11.0
Decachlorobiphenyl	10.428	10.338	10.538	46.580	50.000	-6.8
Tetrachloro-m-xylene	4.654	4.560	4.760	52.570	50.000	5.1



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL02 **Date Analyzed:** 08/18/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074453.D **Time Analyzed:** 14:46

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	4.897	4.806	5.006	569.160	500.000	13.8
Aroclor-1016-2	4.955	4.863	5.063	584.010	500.000	16.8
Aroclor-1016-3	5.074	4.983	5.183	579.100	500.000	15.8
Aroclor-1016-4	5.115	5.023	5.223	566.400	500.000	13.3
Aroclor-1016-5	5.329	5.239	5.439	576.840	500.000	15.4
Aroclor-1260-1	6.545	6.455	6.655	526.590	500.000	5.3
Aroclor-1260-2	6.698	6.609	6.809	517.210	500.000	3.4
Aroclor-1260-3	6.909	6.819	7.019	532.320	500.000	6.5
Aroclor-1260-4	7.169	7.079	7.279	521.420	500.000	4.3
Aroclor-1260-5	7.408	7.318	7.518	538.950	500.000	7.8
Decachlorobiphenyl	8.811	8.726	8.926	50.270	50.000	0.5
Tetrachloro-m-xylene	3.798	3.705	3.905	60.350	50.000	20.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 14:46
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:02:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.654	3.798	58789533	231.4E6	52.570	60.346
2) SA Decachlor...	10.428	8.811	45234495	302.3E6	46.578	50.274
Target Compounds						
3) L1 AR-1016-1	5.805	4.897	20510620	227.0E6	497.145	569.159
4) L1 AR-1016-2	5.826	4.955	30105476	109.7E6	495.631	584.013
5) L1 AR-1016-3	5.889	5.074	19920445	61424602	502.274	579.097
6) L1 AR-1016-4	5.986	5.115	16425316	61861984	504.704	566.398
7) L1 AR-1016-5	6.278	5.329	16129851	67469540	496.792	576.844
31) L7 AR-1260-1	7.395	6.545	26564110	212.7E6	471.362	526.589
32) L7 AR-1260-2	7.648	6.698	31047569	161.7E6	455.561	517.207m
33) L7 AR-1260-3	8.006	6.909	24552293	209.8E6	460.679	532.319
34) L7 AR-1260-4	8.234	7.169	28901676	151.7E6	461.578	521.417
35) L7 AR-1260-5	8.559	7.408	50402382	408.2E6	444.838	538.946

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

AR1660CCC500

Manual Integrations

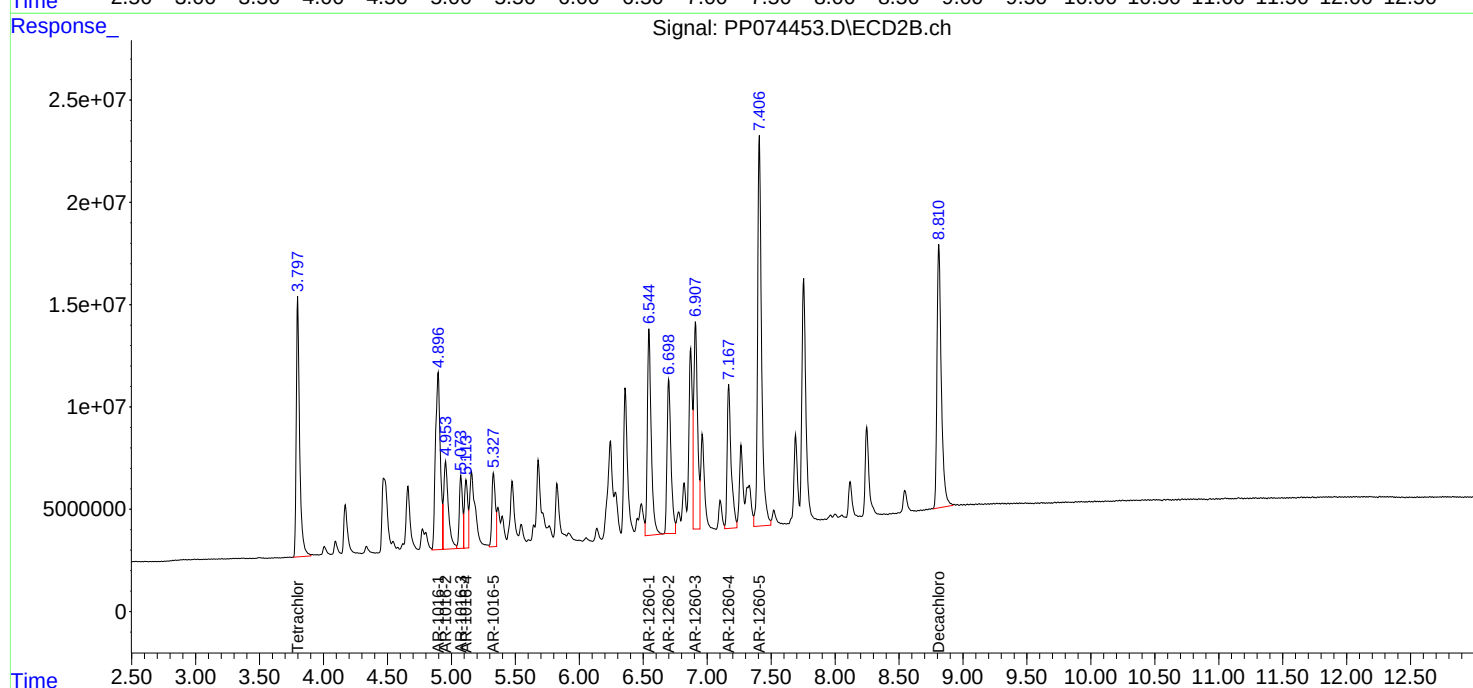
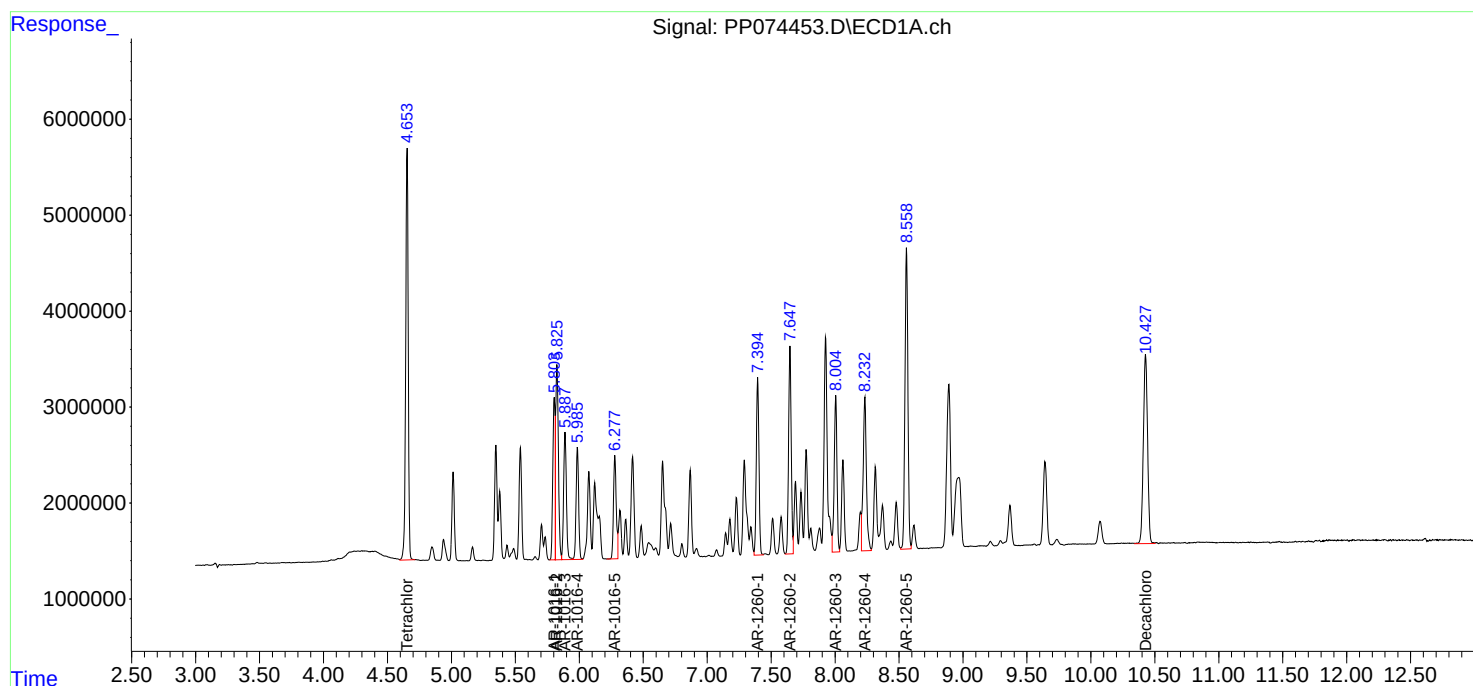
APPROVED

Reviewed By :Yogesh Patel 08/19/2025

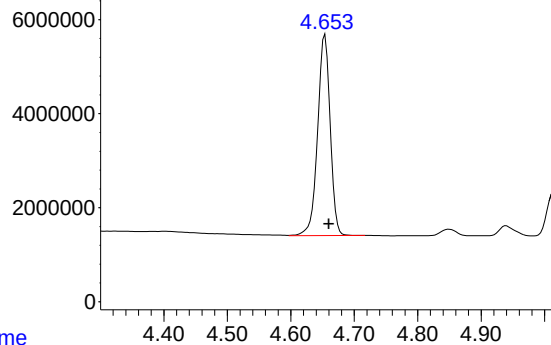
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074453.D\ECD1A.ch



#1 Tetrachloro-m-xylene

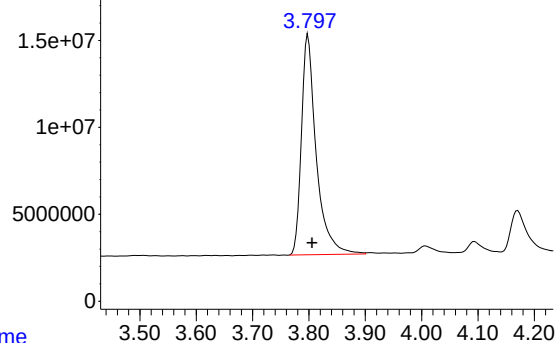
R.T.: 4.654 min
Delta R.T.: -0.006 min
Response: 58789533
Conc: 52.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

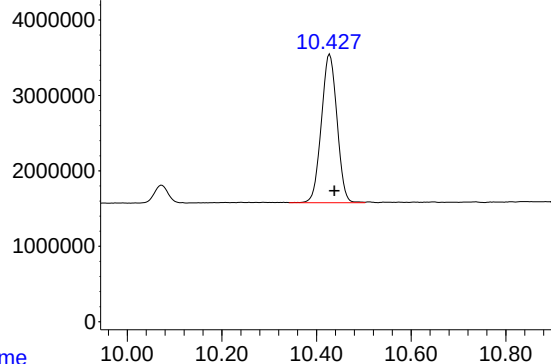
Time Response_ Signal: PP074453.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 231393317
Conc: 60.35 ng/ml

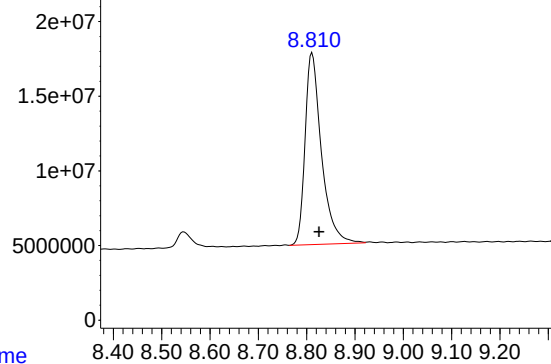
Time Response_ Signal: PP074453.D\ECD1A.ch



#2 Decachlorobiphenyl

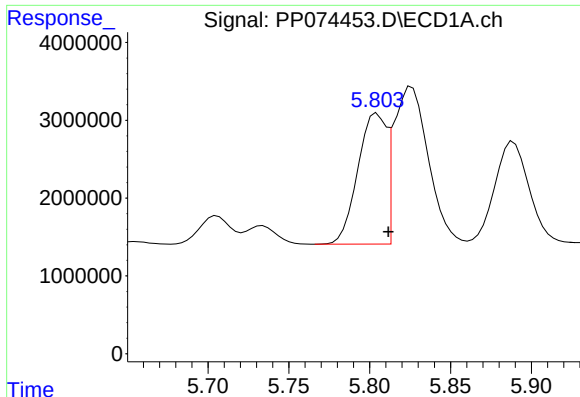
R.T.: 10.428 min
Delta R.T.: -0.010 min
Response: 45234495
Conc: 46.58 ng/ml

Time Response_ Signal: PP074453.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.811 min
Delta R.T.: -0.015 min
Response: 302326543
Conc: 50.27 ng/ml



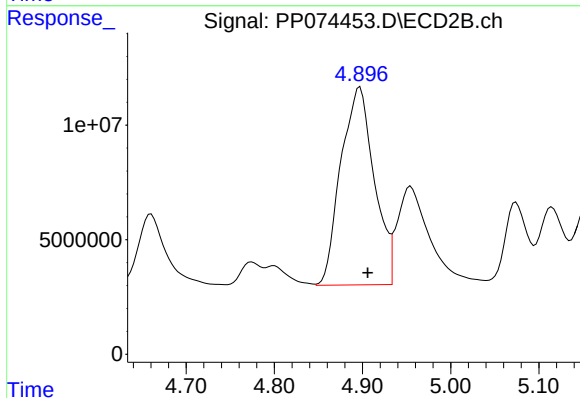
#3 AR-1016-1

R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 20510620
Conc: 497.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

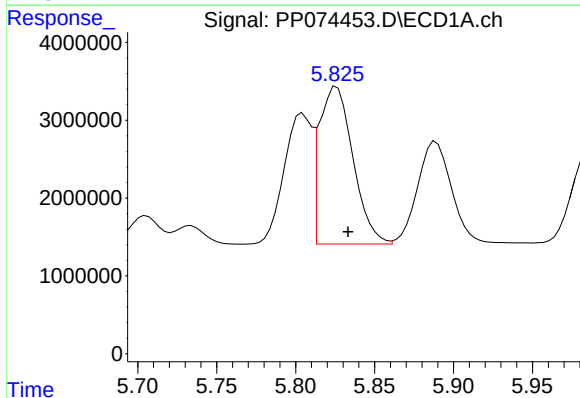
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



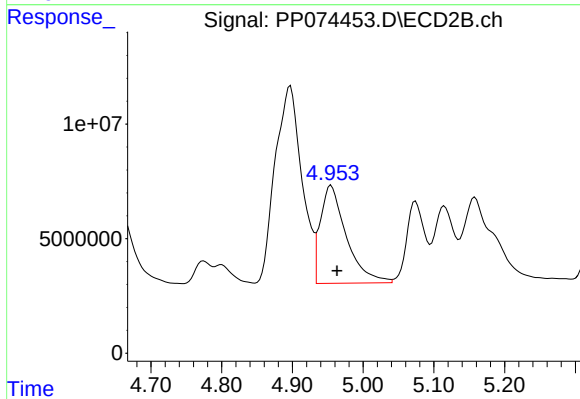
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 227030228
Conc: 569.16 ng/ml



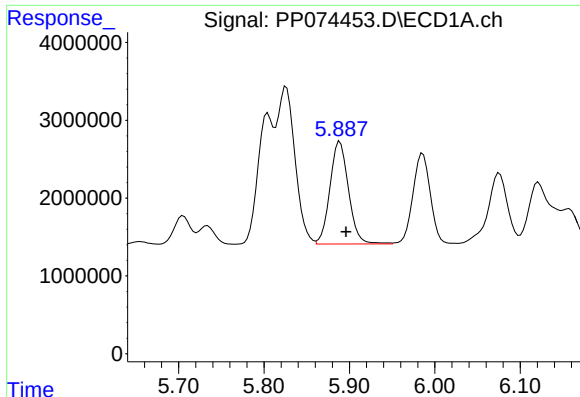
#4 AR-1016-2

R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 30105476
Conc: 495.63 ng/ml



#4 AR-1016-2

R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 109682815
Conc: 584.01 ng/ml



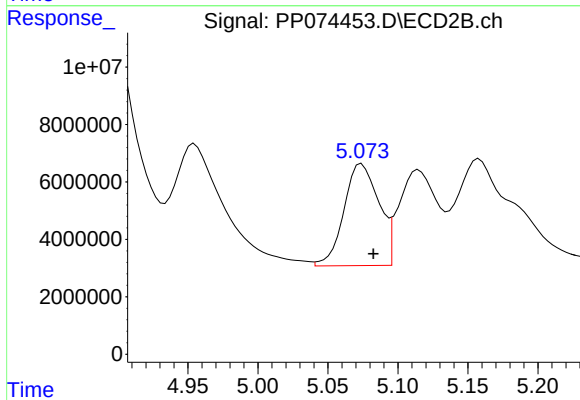
#5 AR-1016-3

R.T.: 5.889 min
Delta R.T.: -0.007 min
Response: 19920445
Conc: 502.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

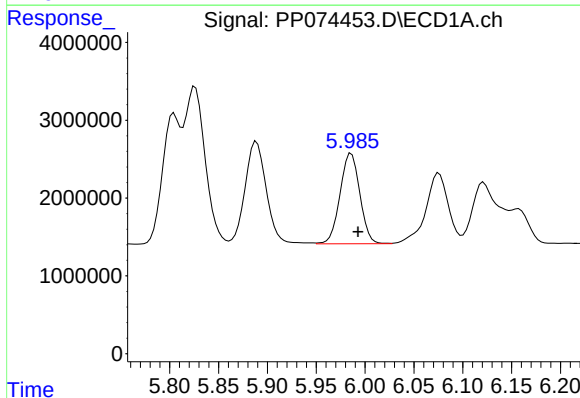
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



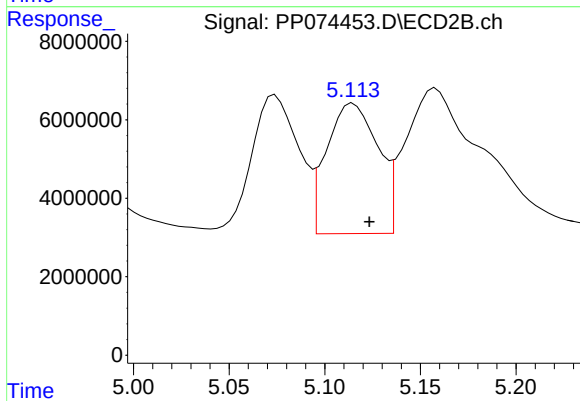
#5 AR-1016-3

R.T.: 5.074 min
Delta R.T.: -0.009 min
Response: 61424602
Conc: 579.10 ng/ml



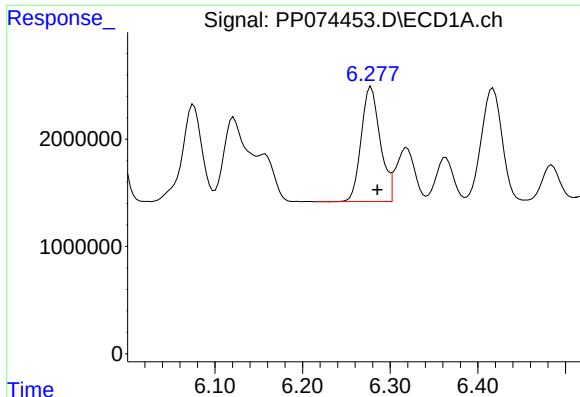
#6 AR-1016-4

R.T.: 5.986 min
Delta R.T.: -0.007 min
Response: 16425316
Conc: 504.70 ng/ml



#6 AR-1016-4

R.T.: 5.115 min
Delta R.T.: -0.009 min
Response: 61861984
Conc: 566.40 ng/ml



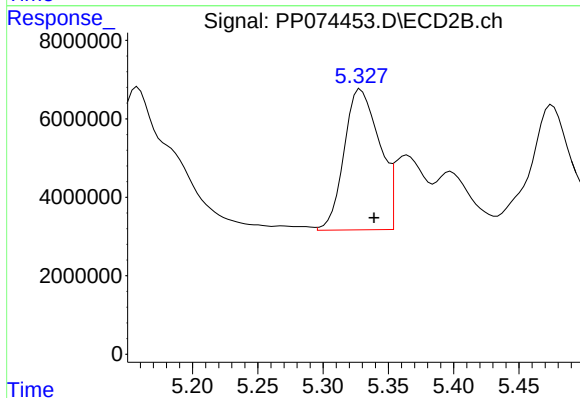
#7 AR-1016-5

R.T.: 6.278 min
Delta R.T.: -0.007 min
Response: 16129851
Conc: 496.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

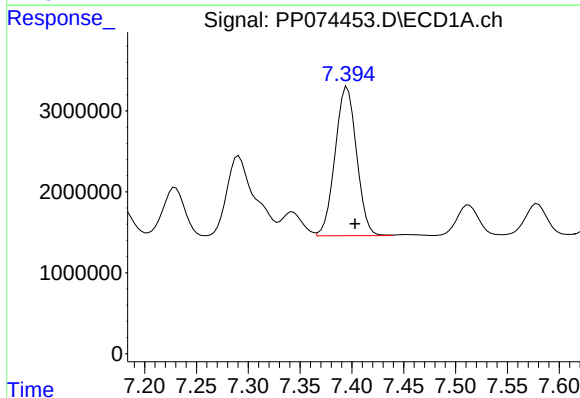
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



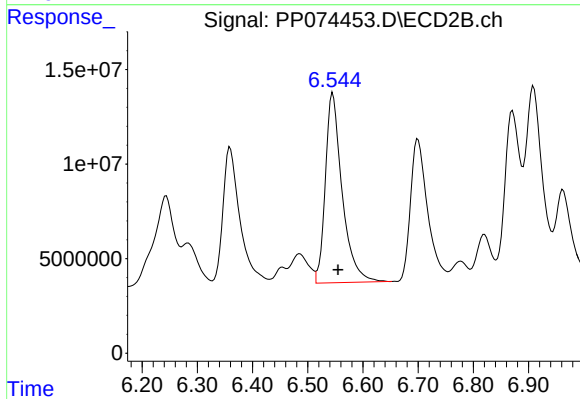
#7 AR-1016-5

R.T.: 5.329 min
Delta R.T.: -0.010 min
Response: 67469540
Conc: 576.84 ng/ml



#31 AR-1260-1

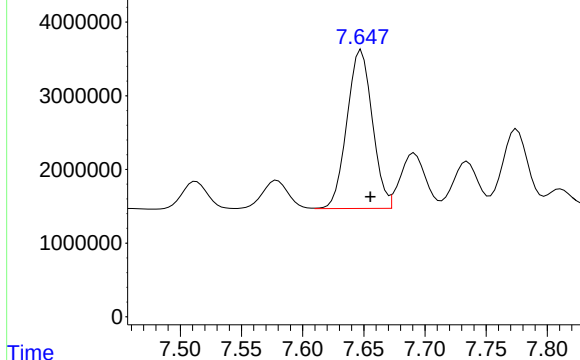
R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 26564110
Conc: 471.36 ng/ml



#31 AR-1260-1

R.T.: 6.545 min
Delta R.T.: -0.010 min
Response: 212719431
Conc: 526.59 ng/ml

Response_ Signal: PP074453.D\ECD1A.ch



#32 AR-1260-2

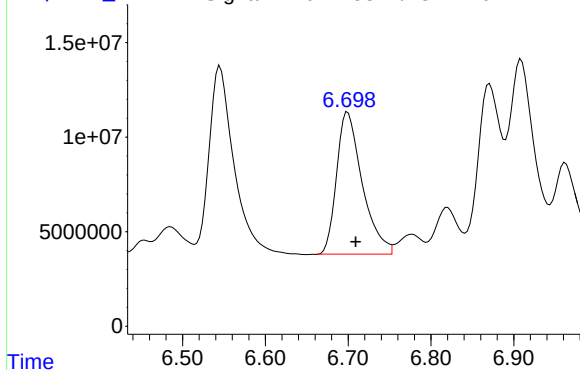
R.T.: 7.648 min
Delta R.T.: -0.007 min
Response: 31047569
Conc: 455.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

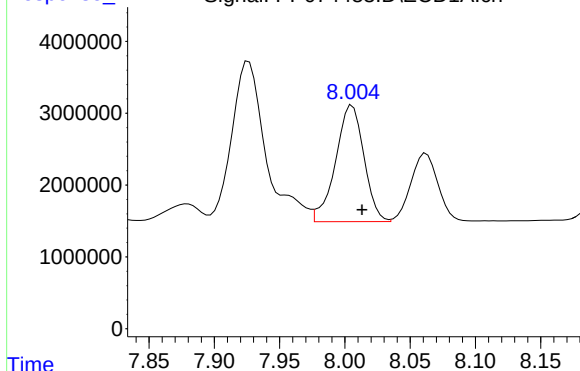
Time Response_ Signal: PP074453.D\ECD2B.ch



#32 AR-1260-2

R.T.: 6.698 min
Delta R.T.: -0.011 min
Response: 161730160
Conc: 517.21 ng/ml m

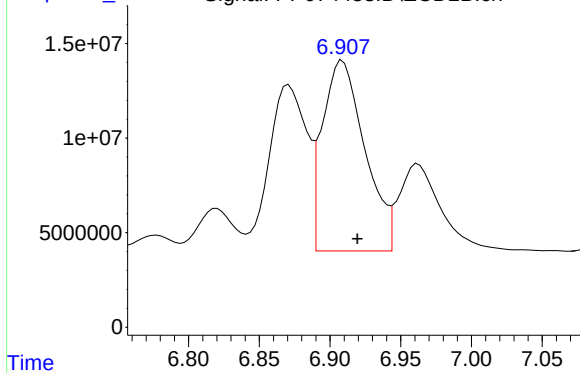
Time Response_ Signal: PP074453.D\ECD1A.ch



#33 AR-1260-3

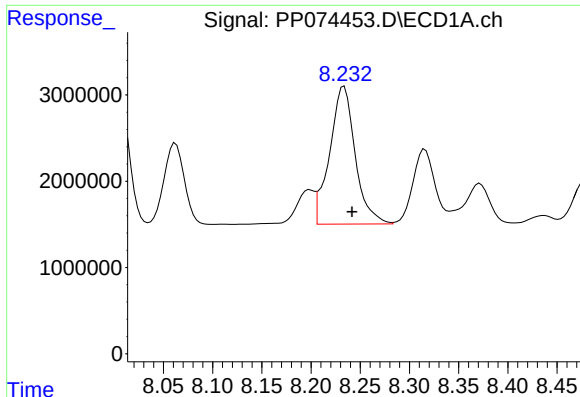
R.T.: 8.006 min
Delta R.T.: -0.008 min
Response: 24552293
Conc: 460.68 ng/ml

Time Response_ Signal: PP074453.D\ECD2B.ch



#33 AR-1260-3

R.T.: 6.909 min
Delta R.T.: -0.011 min
Response: 209796732
Conc: 532.32 ng/ml



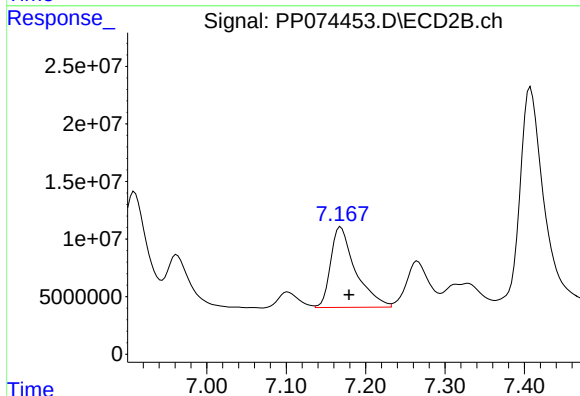
#34 AR-1260-4

R.T.: 8.234 min
Delta R.T.: -0.008 min
Response: 28901676
Conc: 461.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

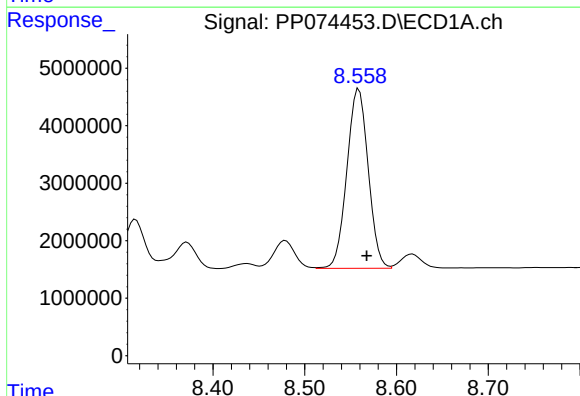
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



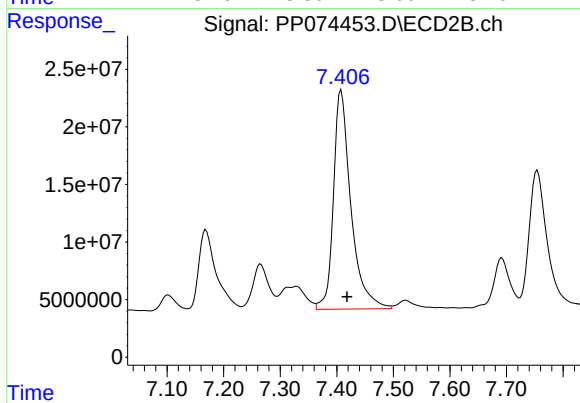
#34 AR-1260-4

R.T.: 7.169 min
Delta R.T.: -0.011 min
Response: 151721527
Conc: 521.42 ng/ml



#35 AR-1260-5

R.T.: 8.559 min
Delta R.T.: -0.009 min
Response: 50402382
Conc: 444.84 ng/ml



#35 AR-1260-5

R.T.: 7.408 min
Delta R.T.: -0.010 min
Response: 408202669
Conc: 538.95 ng/ml



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Continuing Calib Date: 08/18/2025

Initial Calibration Date(s): 08/01/2025

08/01/2025

Continuing Calib Time: 19:39

Initial Calibration Time(s): 12:05

20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	5.81	5.81	5.71	5.91	0.00
Aroclor-1016-2	(2)	5.83	5.83	5.73	5.93	0.00
Aroclor-1016-3	(3)	5.89	5.90	5.80	6.00	0.01
Aroclor-1016-4	(4)	5.99	5.99	5.89	6.09	0.00
Aroclor-1016-5	(5)	6.28	6.29	6.19	6.39	0.01
Aroclor-1260-1	(1)	7.40	7.40	7.30	7.50	0.00
Aroclor-1260-2	(2)	7.65	7.66	7.56	7.76	0.01
Aroclor-1260-3	(3)	8.01	8.01	7.91	8.11	0.00
Aroclor-1260-4	(4)	8.24	8.24	8.14	8.34	0.01
Aroclor-1260-5	(5)	8.56	8.57	8.47	8.67	0.01
Tetrachloro-m-xylene		4.66	4.66	4.56	4.76	0.00
Decachlorobiphenyl		10.43	10.44	10.34	10.54	0.01



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Fax : 908 789 8922

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Continuing Calib Date: 08/18/2025

Initial Calibration Date(s): 08/01/2025

08/01/2025

Continuing Calib Time: 19:39

Initial Calibration Time(s): 12:05

20:28

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

COMPOUND		CCAL RT	AVG RT	RT WINDOW		DIFF RT
				FROM	TO	
Aroclor-1016-1	(1)	4.90	4.91	4.81	5.01	0.01
Aroclor-1016-2	(2)	4.96	4.96	4.86	5.06	0.00
Aroclor-1016-3	(3)	5.08	5.08	4.98	5.18	0.00
Aroclor-1016-4	(4)	5.12	5.12	5.02	5.22	0.00
Aroclor-1016-5	(5)	5.33	5.34	5.24	5.44	0.01
Aroclor-1260-1	(1)	6.55	6.56	6.46	6.66	0.01
Aroclor-1260-2	(2)	6.70	6.71	6.61	6.81	0.01
Aroclor-1260-3	(3)	6.91	6.92	6.82	7.02	0.01
Aroclor-1260-4	(4)	7.17	7.18	7.08	7.28	0.01
Aroclor-1260-5	(5)	7.41	7.42	7.32	7.52	0.01
Tetrachloro-m-xylene		3.80	3.81	3.71	3.91	0.01
Decachlorobiphenyl		8.81	8.83	8.73	8.93	0.02



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CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
GC Column: ZB-MR1 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/18/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074467.D **Time Analyzed:** 19:39

COMPOUND	RT	RT WINDOW		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
		FROM	TO			
Aroclor-1016-1	5.806	5.712	5.912	472.680	500.000	-5.5
Aroclor-1016-2	5.827	5.733	5.933	470.260	500.000	-5.9
Aroclor-1016-3	5.890	5.796	5.996	473.880	500.000	-5.2
Aroclor-1016-4	5.987	5.893	6.093	472.920	500.000	-5.4
Aroclor-1016-5	6.279	6.186	6.386	463.230	500.000	-7.4
Aroclor-1260-1	7.396	7.303	7.503	434.700	500.000	-13.1
Aroclor-1260-2	7.649	7.555	7.755	414.890	500.000	-17.0
Aroclor-1260-3	8.007	7.913	8.113	417.800	500.000	-16.4
Aroclor-1260-4	8.235	8.142	8.342	427.310	500.000	-14.5
Aroclor-1260-5	8.560	8.468	8.668	409.270	500.000	-18.1
Decachlorobiphenyl	10.428	10.338	10.538	42.680	50.000	-14.6
Tetrachloro-m-xylene	4.655	4.560	4.760	50.990	50.000	2.0



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

CALIBRATION VERIFICATION SUMMARY

Lab Name: Alliance **Contract:** NOBI03
Lab Code: ACE **SDG NO.:** Q2879
GC Column: ZB-MR2 **ID:** 0.32 (mm) **Initi. Calib. Date(s):** 08/01/2025 08/01/2025

Client Sample No.: CCAL03 **Date Analyzed:** 08/18/2025
Lab Sample No.: AR1660CCC500 **Data File :** PP074467.D **Time Analyzed:** 19:39

COMPOUND	RT	RT WINDOW FROM TO		CALC AMOUNT(ng)	NOM AMOUNT(ng)	%D
Aroclor-1016-1	4.899	4.806	5.006	550.580	500.000	10.1
Aroclor-1016-2	4.957	4.863	5.063	564.820	500.000	13.0
Aroclor-1016-3	5.076	4.983	5.183	553.770	500.000	10.8
Aroclor-1016-4	5.117	5.023	5.223	545.330	500.000	9.1
Aroclor-1016-5	5.331	5.239	5.439	557.270	500.000	11.5
Aroclor-1260-1	6.547	6.455	6.655	464.000	500.000	-7.2
Aroclor-1260-2	6.700	6.609	6.809	456.090	500.000	-8.8
Aroclor-1260-3	6.911	6.819	7.019	453.270	500.000	-9.3
Aroclor-1260-4	7.170	7.079	7.279	430.180	500.000	-14.0
Aroclor-1260-5	7.410	7.318	7.518	420.480	500.000	-15.9
Decachlorobiphenyl	8.813	8.726	8.926	40.950	50.000	-18.1
Tetrachloro-m-xylene	3.800	3.705	3.905	57.850	50.000	15.7

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 19:39
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:15:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.655	3.800	57025176	221.8E6	50.992	57.850
2) SA Decachlor...	10.428	8.813	41449733	246.3E6	42.681	40.953
Target Compounds						
3) L1 AR-1016-1	5.806	4.899	19501466	219.6E6	472.685	550.576
4) L1 AR-1016-2	5.827	4.957	28564255	106.1E6	470.258	564.822
5) L1 AR-1016-3	5.890	5.076	18794201	58738699	473.877	553.775
6) L1 AR-1016-4	5.987	5.117	15391095	59560434	472.925	545.325
7) L1 AR-1016-5	6.279	5.331	15040192	65180111	463.231	557.270
31) L7 AR-1260-1	7.396	6.547	24498020	187.4E6	434.701	464.001
32) L7 AR-1260-2	7.649	6.700	28275895	142.6E6	414.892	456.095m
33) L7 AR-1260-3	8.007	6.911	22266815	178.6E6	417.796	453.271
34) L7 AR-1260-4	8.235	7.170	26756163	125.2E6	427.313	430.185
35) L7 AR-1260-5	8.560	7.410	46372300	318.5E6	409.270	420.477

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

AR1660CCC500

Manual Integrations

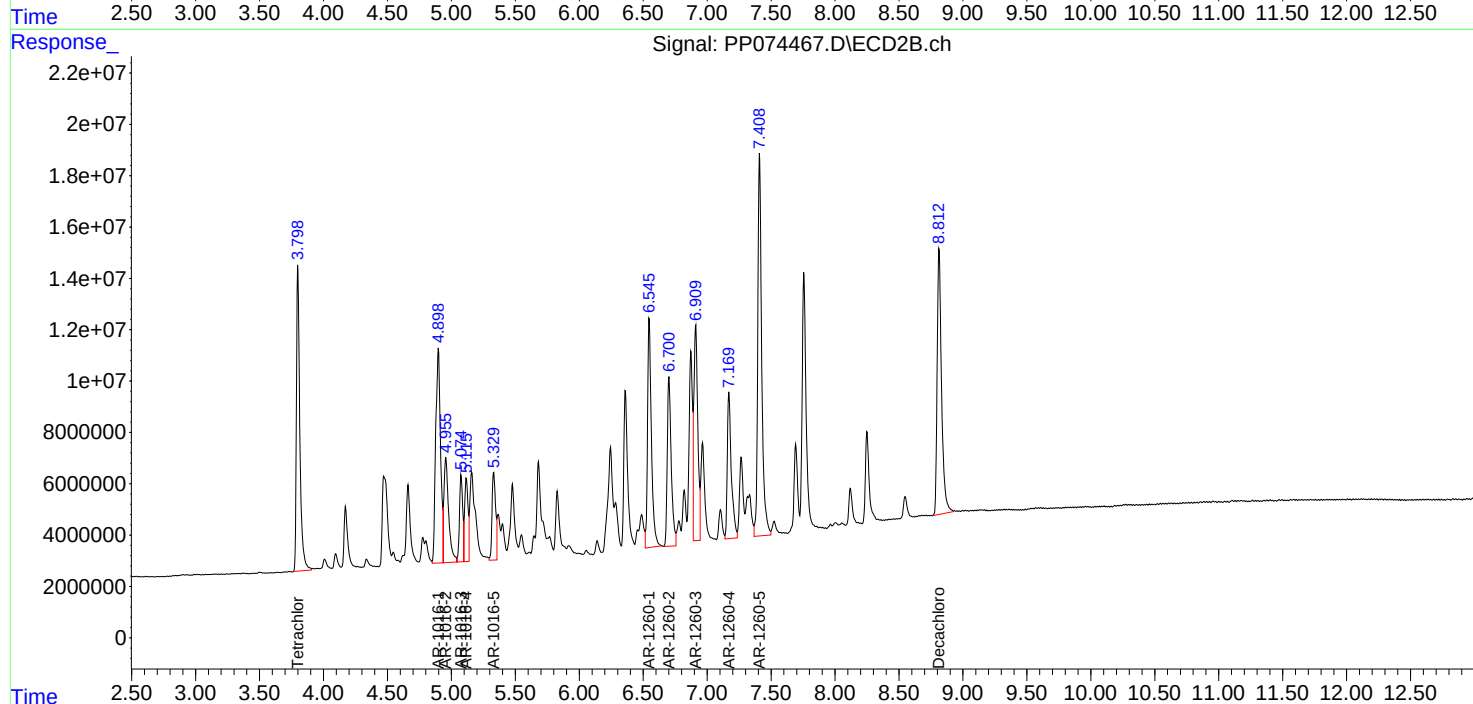
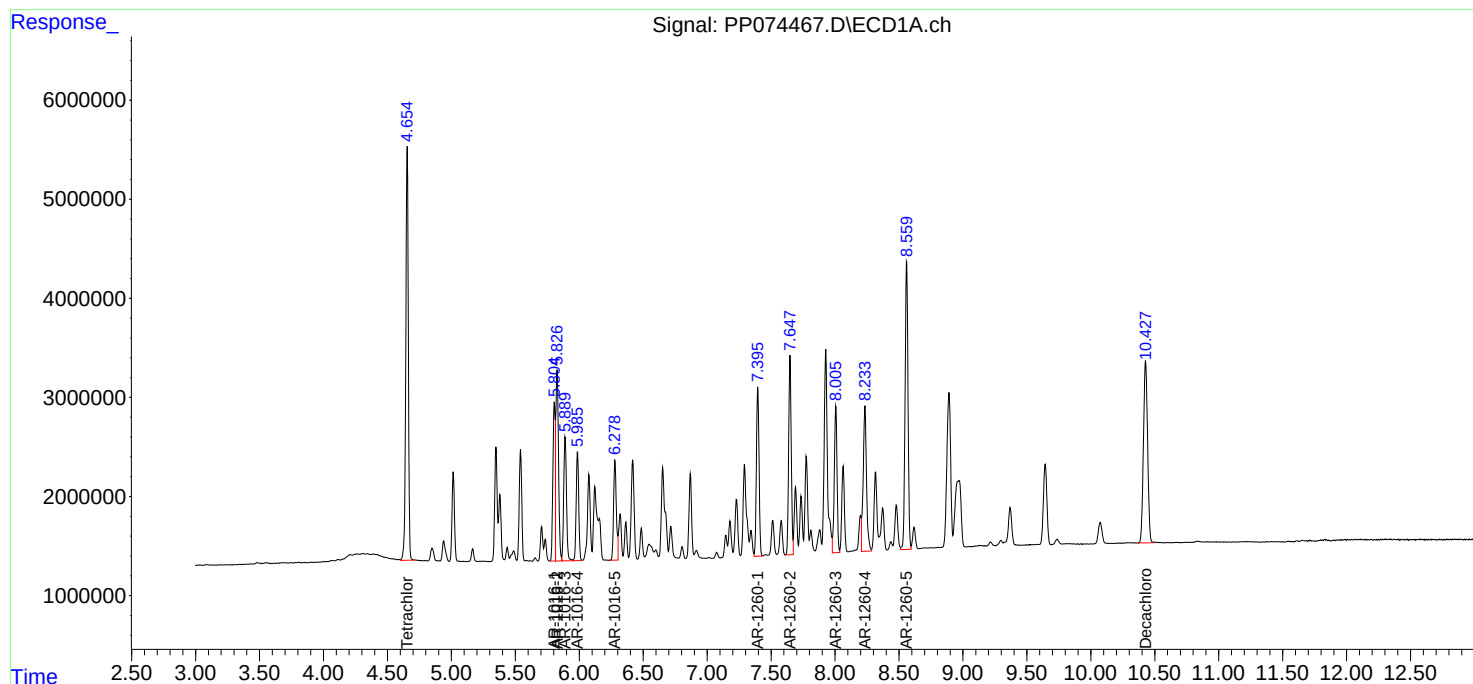
APPROVED

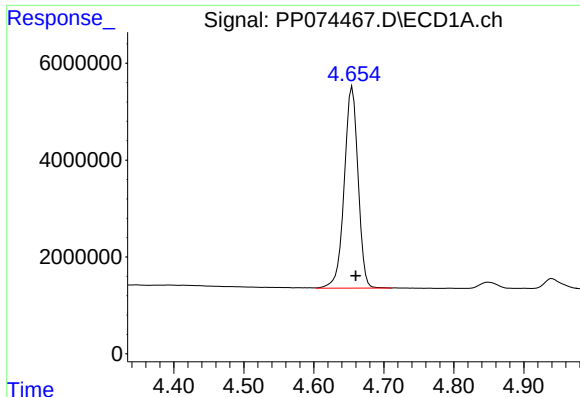
Reviewed By :Yogesh Patel 08/19/2025

Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:15:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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





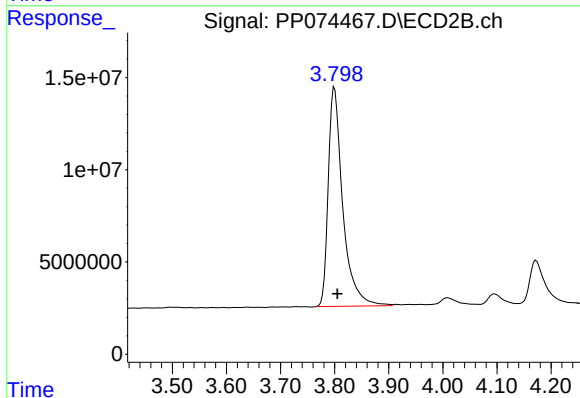
#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 57025176
Conc: 50.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

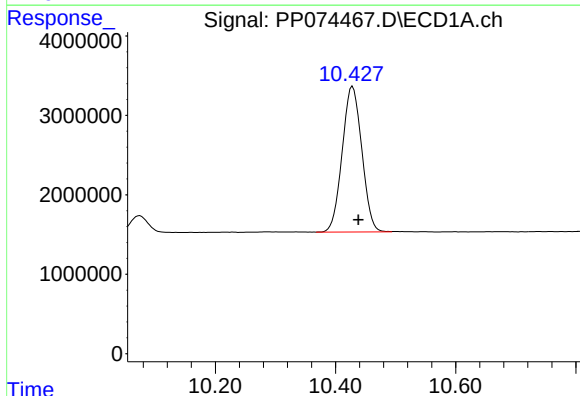
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



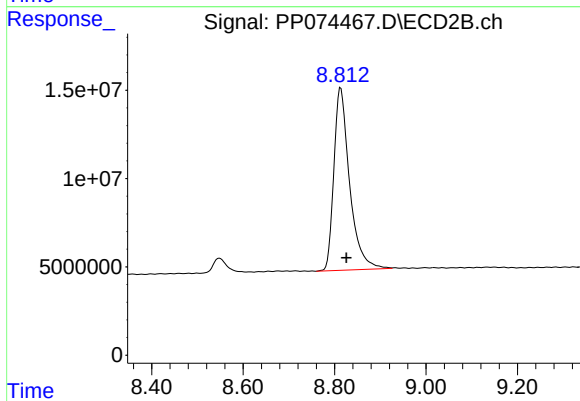
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 221822280
Conc: 57.85 ng/ml



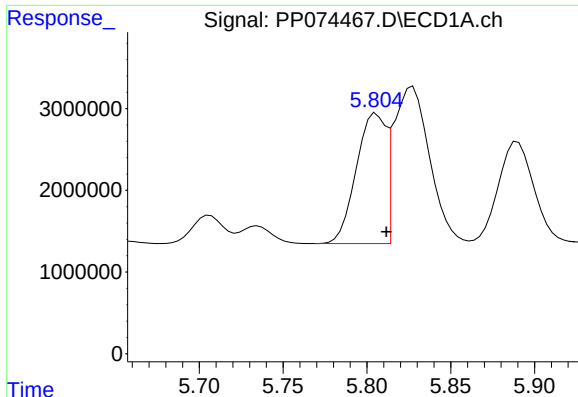
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.010 min
Response: 41449733
Conc: 42.68 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 246273498
Conc: 40.95 ng/ml



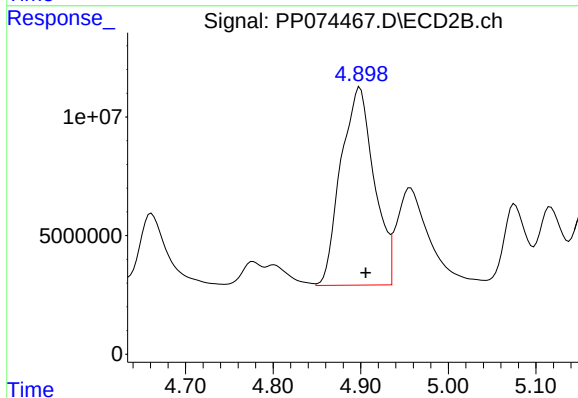
#3 AR-1016-1

R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 19501466
Conc: 472.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

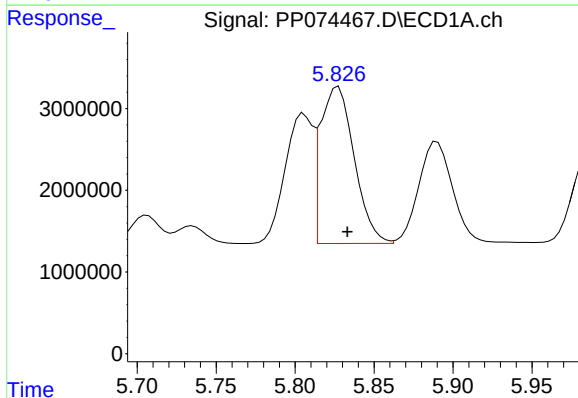
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



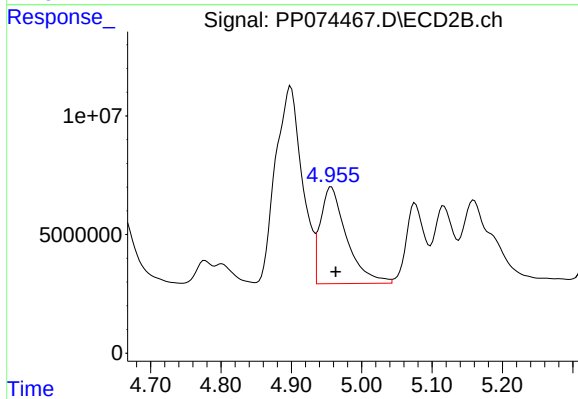
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.007 min
Response: 219617794
Conc: 550.58 ng/ml



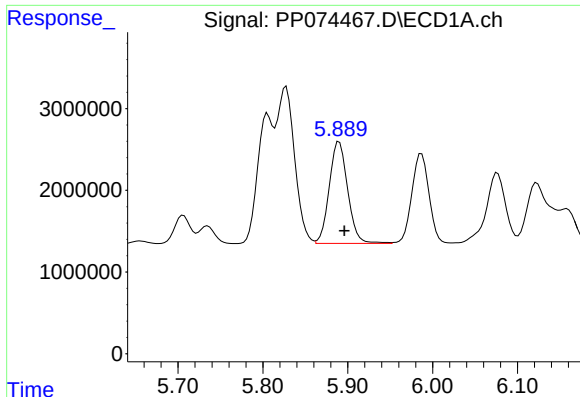
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 28564255
Conc: 470.26 ng/ml



#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 106078626
Conc: 564.82 ng/ml



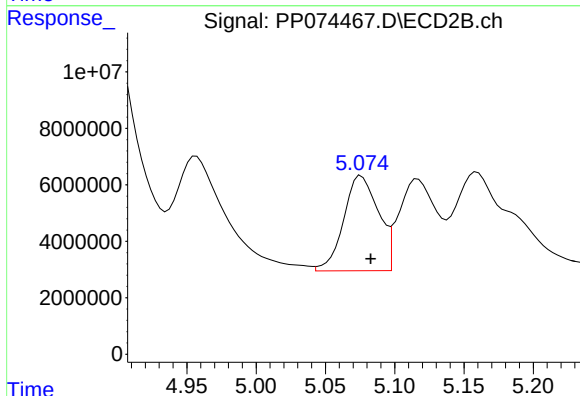
#5 AR-1016-3

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 18794201
Conc: 473.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

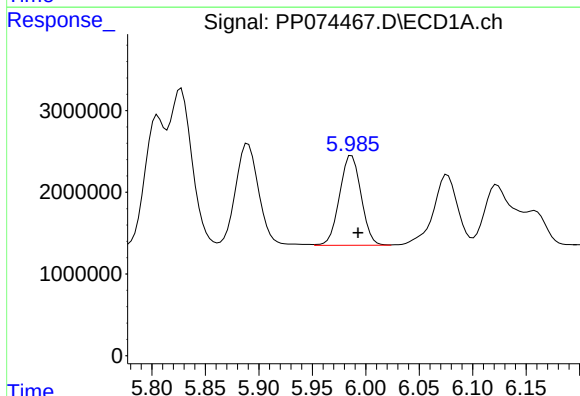
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



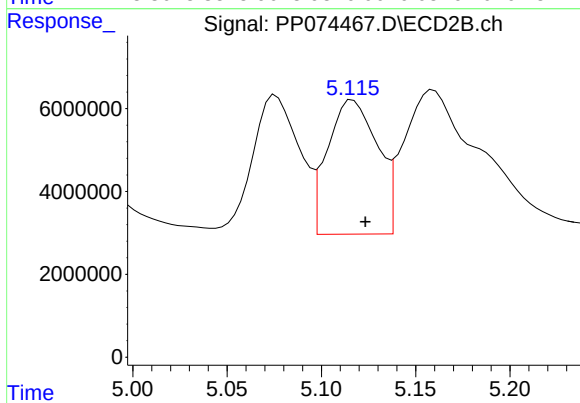
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: -0.007 min
Response: 58738699
Conc: 553.77 ng/ml



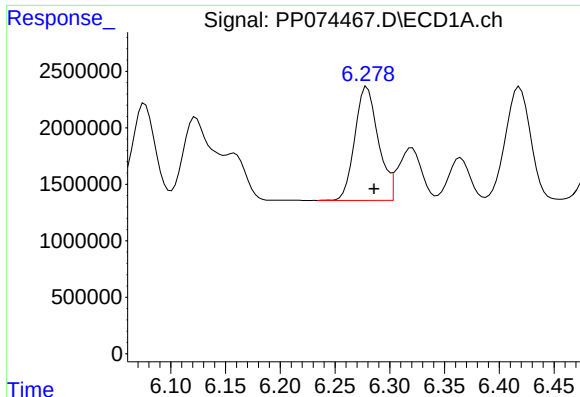
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 15391095
Conc: 472.92 ng/ml



#6 AR-1016-4

R.T.: 5.117 min
Delta R.T.: -0.007 min
Response: 59560434
Conc: 545.33 ng/ml



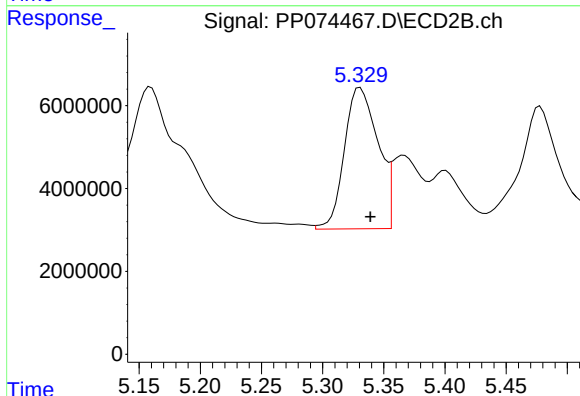
#7 AR-1016-5

R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 15040192
Conc: 463.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

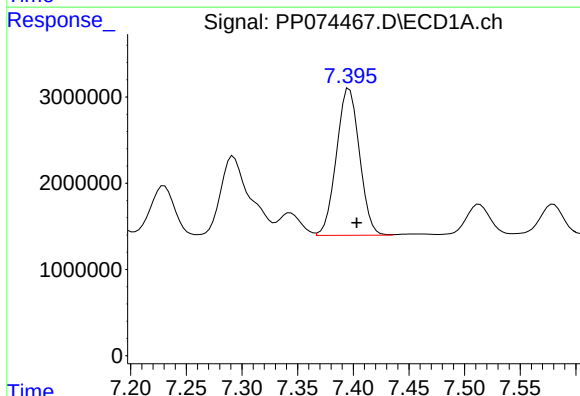
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



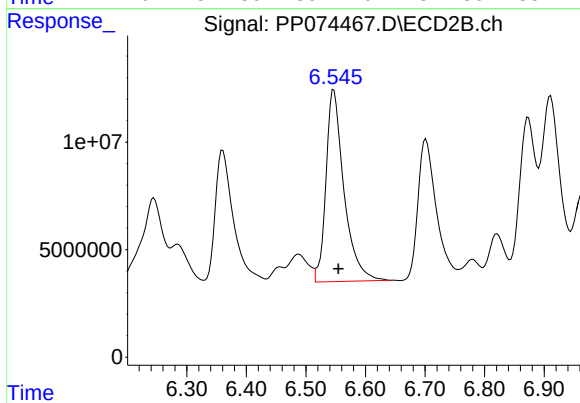
#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: -0.008 min
Response: 65180111
Conc: 557.27 ng/ml



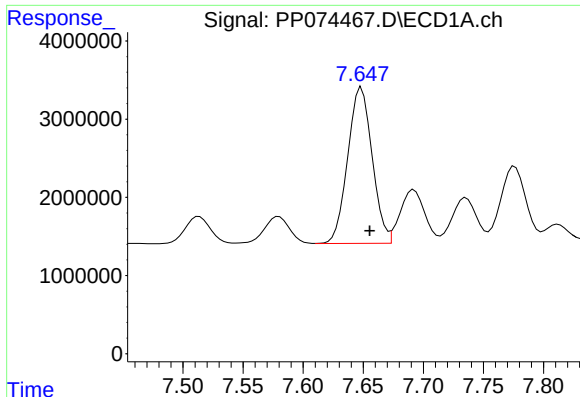
#31 AR-1260-1

R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 24498020
Conc: 434.70 ng/ml



#31 AR-1260-1

R.T.: 6.547 min
Delta R.T.: -0.008 min
Response: 187436542
Conc: 464.00 ng/ml



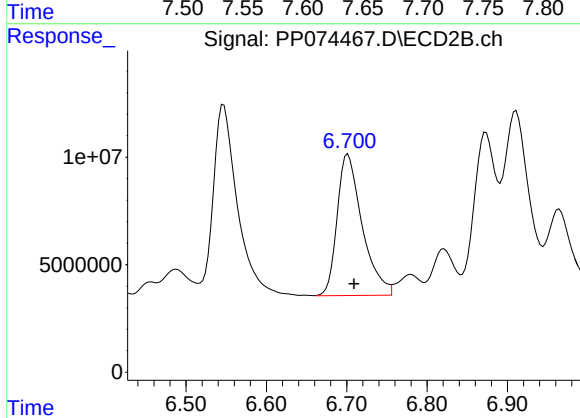
#32 AR-1260-2

R.T.: 7.649 min
Delta R.T.: -0.007 min
Response: 28275895
Conc: 414.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

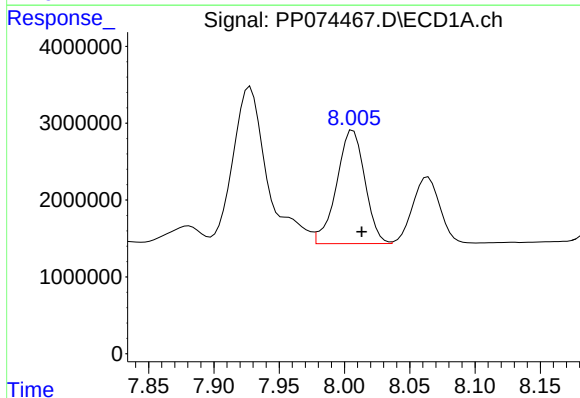
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



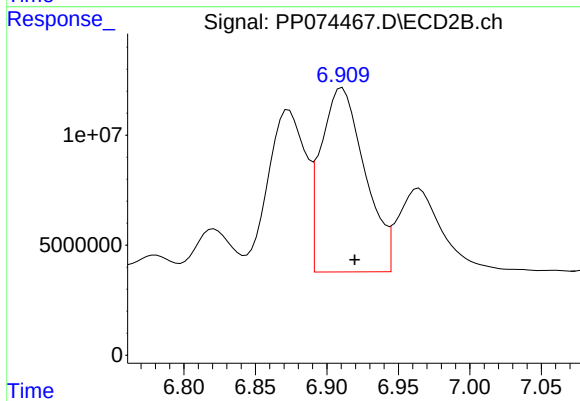
#32 AR-1260-2

R.T.: 6.700 min
Delta R.T.: -0.009 min
Response: 142620337
Conc: 456.09 ng/ml m



#33 AR-1260-3

R.T.: 8.007 min
Delta R.T.: -0.007 min
Response: 22266815
Conc: 417.80 ng/ml



#33 AR-1260-3

R.T.: 6.911 min
Delta R.T.: -0.009 min
Response: 178642536
Conc: 453.27 ng/ml

Response_ Signal: PP074467.D\ECD1A.ch

#34 AR-1260-4

R.T.: 8.235 min
Delta R.T.: -0.007 min
Response: 26756163
Conc: 427.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Manual Integrations
APPROVED

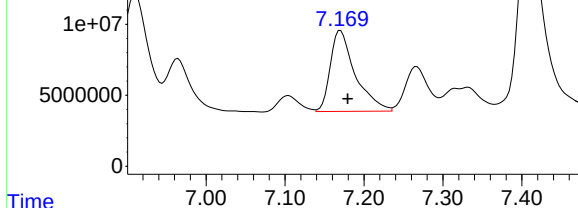
Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Time 8.05 8.10 8.15 8.20 8.25 8.30 8.35 8.40 8.45

Response_ Signal: PP074467.D\ECD2B.ch

#34 AR-1260-4

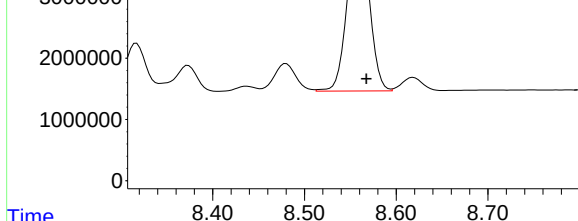
R.T.: 7.170 min
Delta R.T.: -0.009 min
Response: 125174887
Conc: 430.18 ng/ml



Response_ Signal: PP074467.D\ECD1A.ch

#35 AR-1260-5

R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 46372300
Conc: 409.27 ng/ml

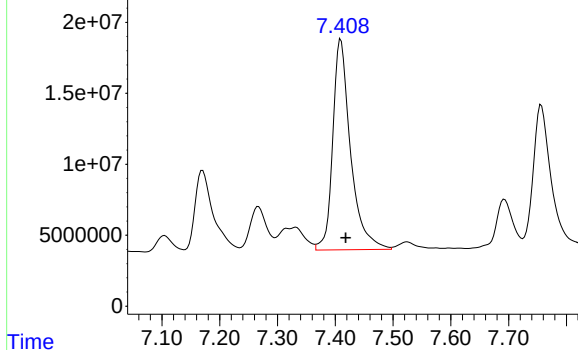


Time 8.40 8.50 8.60 8.70

Response_ Signal: PP074467.D\ECD2B.ch

#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: -0.008 min
Response: 318473271
Conc: 420.48 ng/ml



Analytical Sequence

Client: Nobis Group	SDG No.: Q2879
Project: Raymark Superfund Site	Instrument ID: ECD_P
GC Column: ZB-MR1	ID: 0.32 (mm) Inst. Calib. Date(s): 08/01/2025 08/01/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	08/01/2025	11:49	PP074167.D	10.44	4.66
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	10.44	4.66
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	10.44	4.66
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	10.44	4.66
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	10.44	4.66
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	10.44	4.66
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	10.44	4.66
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	10.44	4.66
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	10.44	4.66
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	10.44	4.66
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	10.43	4.66
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	10.44	4.66
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	10.43	4.66
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	10.43	4.66
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	10.43	4.66
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	10.43	4.66
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	10.43	4.66
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	10.43	4.66
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	10.43	4.66
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	10.43	4.66
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/18/2025	08:47	PP074439.D	10.44	4.66
IBLK	IBLK	08/18/2025	09:40	PP074442.D	10.43	4.66
PB169282BL	PB169282BL	08/18/2025	12:04	PP074446.D	10.44	4.66
PB169282BS	PB169282BS	08/18/2025	12:20	PP074447.D	10.43	4.66
OU4-TS-GRILLO-TSCP03-081425	Q2879-01	08/18/2025	12:52	PP074449.D	10.44	4.66
OU4-TS-GRILLO-TSCP04-081425	Q2879-03	08/18/2025	13:09	PP074450.D	10.43	4.66
OU4-TS-GRILLO-TSCP05-081425	Q2879-05	08/18/2025	13:25	PP074451.D	10.43	4.66
OU4-TS-GRILLO-TSCP06-081425	Q2879-07	08/18/2025	13:41	PP074452.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/18/2025	14:46	PP074453.D	10.43	4.65
IBLK	IBLK	08/18/2025	15:51	PP074456.D	10.43	4.66
OU4-TS-GRILLO-TSCP07-081425	Q2879-09	08/18/2025	16:08	PP074457.D	10.43	4.66
OU4-TS-GRILLO-TSCP08-081425	Q2879-11	08/18/2025	16:24	PP074458.D	10.43	4.65
OU4-TS-GRILLO-TSCP09-081425	Q2879-13	08/18/2025	16:40	PP074459.D	10.43	4.66
OU4-TS-GRILLO-TSCP10-081425	Q2879-15	08/18/2025	16:56	PP074460.D	10.43	4.66
OU4-TS-GRILLO-TSCP11-081425	Q2879-17	08/18/2025	17:13	PP074461.D	10.43	4.66
PL-02-081525-MS	Q2889-01MS	08/18/2025	18:18	PP074465.D	10.43	4.66
PL-02-081525-MSD	Q2889-01MSD	08/18/2025	18:34	PP074466.D	10.43	4.66
AR1660CCC500	AR1660CCC500	08/18/2025	19:39	PP074467.D	10.43	4.66
IBLK	IBLK	08/18/2025	20:44	PP074470.D	10.43	4.66

Analytical Sequence

Client: Nobis Group	SDG No.: Q2879	
Project: Raymark Superfund Site	Instrument ID: ECD_P	
GC Column: ZB-MR2	ID: 0.32 (mm)	Inst. Calib. Date(s): 08/01/2025 08/01/2025

THE ANALYTICAL SEQUENCE OF PERFORMANCE EVALUATION MIXTURES, BLANKS, SAMPLES,
AND STANDARDS IS GIVEN BELOW:

CLIENT ID	LAB SAMPLE ID	DATE ANALYZED	TIME ANALYZED	DATAFILE	DCB RT #	TCX RT #
IBLK	IBLK	08/01/2025	11:49	PP074167.D	8.83	3.80
AR1660ICC1000	AR1660ICC1000	08/01/2025	12:05	PP074168.D	8.83	3.81
AR1660ICC750	AR1660ICC750	08/01/2025	12:22	PP074169.D	8.83	3.80
AR1660ICC500	AR1660ICC500	08/01/2025	12:38	PP074170.D	8.83	3.81
AR1660ICC250	AR1660ICC250	08/01/2025	12:54	PP074171.D	8.83	3.81
AR1660ICC050	AR1660ICC050	08/01/2025	13:42	PP074172.D	8.83	3.80
AR1221ICC500	AR1221ICC500	08/01/2025	13:58	PP074173.D	8.83	3.80
AR1232ICC500	AR1232ICC500	08/01/2025	14:15	PP074174.D	8.83	3.80
AR1242ICC1000	AR1242ICC1000	08/01/2025	14:31	PP074175.D	8.83	3.80
AR1242ICC750	AR1242ICC750	08/01/2025	14:47	PP074176.D	8.82	3.80
AR1242ICC500	AR1242ICC500	08/01/2025	15:03	PP074177.D	8.83	3.81
AR1242ICC250	AR1242ICC250	08/01/2025	15:19	PP074178.D	8.82	3.81
AR1242ICC050	AR1242ICC050	08/01/2025	15:36	PP074179.D	8.82	3.80
AR1248ICC500	AR1248ICC500	08/01/2025	16:57	PP074182.D	8.82	3.81
AR1254ICC1000	AR1254ICC1000	08/01/2025	18:02	PP074185.D	8.82	3.81
AR1254ICC750	AR1254ICC750	08/01/2025	18:18	PP074186.D	8.82	3.80
AR1254ICC500	AR1254ICC500	08/01/2025	18:34	PP074187.D	8.82	3.80
AR1254ICC250	AR1254ICC250	08/01/2025	18:50	PP074188.D	8.82	3.80
AR1254ICC050	AR1254ICC050	08/01/2025	19:23	PP074189.D	8.82	3.80
AR1262ICC500	AR1262ICC500	08/01/2025	19:39	PP074190.D	8.82	3.80
AR1268ICC500	AR1268ICC500	08/01/2025	20:28	PP074193.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/18/2025	08:47	PP074439.D	8.82	3.80
IBLK	IBLK	08/18/2025	09:40	PP074442.D	8.81	3.80
PB169282BL	PB169282BL	08/18/2025	12:04	PP074446.D	8.81	3.80
PB169282BS	PB169282BS	08/18/2025	12:20	PP074447.D	8.81	3.80
OU4-TS-GRILLO-TSCP03-081425	Q2879-01	08/18/2025	12:52	PP074449.D	8.82	3.80
OU4-TS-GRILLO-TSCP04-081425	Q2879-03	08/18/2025	13:09	PP074450.D	8.82	3.80
OU4-TS-GRILLO-TSCP05-081425	Q2879-05	08/18/2025	13:25	PP074451.D	8.82	3.80
OU4-TS-GRILLO-TSCP06-081425	Q2879-07	08/18/2025	13:41	PP074452.D	8.81	3.80
AR1660CCC500	AR1660CCC500	08/18/2025	14:46	PP074453.D	8.81	3.80
IBLK	IBLK	08/18/2025	15:51	PP074456.D	8.81	3.80
OU4-TS-GRILLO-TSCP07-081425	Q2879-09	08/18/2025	16:08	PP074457.D	8.81	3.80
OU4-TS-GRILLO-TSCP08-081425	Q2879-11	08/18/2025	16:24	PP074458.D	8.81	3.80
OU4-TS-GRILLO-TSCP09-081425	Q2879-13	08/18/2025	16:40	PP074459.D	8.81	3.80
OU4-TS-GRILLO-TSCP10-081425	Q2879-15	08/18/2025	16:56	PP074460.D	8.82	3.80
OU4-TS-GRILLO-TSCP11-081425	Q2879-17	08/18/2025	17:13	PP074461.D	8.81	3.80
PL-02-081525-MS	Q2889-01MS	08/18/2025	18:18	PP074465.D	8.82	3.80
PL-02-081525-MSD	Q2889-01MSD	08/18/2025	18:34	PP074466.D	8.82	3.80
AR1660CCC500	AR1660CCC500	08/18/2025	19:39	PP074467.D	8.81	3.80
IBLK	IBLK	08/18/2025	20:44	PP074470.D	8.81	3.80

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PB169282BS

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Lab Sample ID: PB169282BS

Date(s) Analyzed: 08/18/2025 08/18/2025

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 PP074447.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.808	5.758	5.858	181	183	5.84
COLUMN 1	2	5.829	5.779	5.879	184		
	3	5.892	5.842	5.942	182		
	4	5.989	5.939	6.039	186		
	5	6.282	6.232	6.332	182		
	1	4.899	4.849	4.949	199		
COLUMN 2	2	4.957	4.907	5.007	200	194	
	3	5.078	5.028	5.128	188		
	4	5.118	5.068	5.168	196		
	5	5.332	5.282	5.382	189		
Aroclor-1260	1	7.399	7.349	7.449	190	168	8.55
COLUMN 1	2	7.652	7.602	7.702	180		
	3	8.01	7.96	8.06	155		
	4	8.236	8.186	8.286	166		
	5	8.563	8.513	8.613	148		
	1	6.548	6.498	6.598	197		
COLUMN 2	2	6.703	6.653	6.753	191	183	
	3	6.911	6.861	6.961	177		
	4	7.171	7.121	7.221	176		
	5	7.411	7.361	7.461	174		

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PL-02-081525-MS

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Lab Sample ID: Q2889-01MS

Date(s) Analyzed: 08/18/2025 08/18/2025

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 PP074465.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD	
			FROM	TO				
Aroclor-1016	1	5.807	5.757	5.857	189	196	0	
COLUMN 1	2	5.829	5.779	5.879	185			
	3	5.892	5.842	5.942	192			
	4	5.989	5.939	6.039	221			
	5	6.281	6.231	6.331	191			
	1	4.9	4.85	4.95	193			
COLUMN 2	2	4.957	4.907	5.007	196	196		
	3	5.076	5.026	5.126	194			
	4	5.117	5.067	5.167	194			
	5	5.332	5.282	5.382	203			
Aroclor-1260	1	7.399	7.349	7.449	179	166	3.68	
COLUMN 1	2	7.651	7.601	7.701	176			
	3	8.009	7.959	8.059	146			
	4	8.236	8.186	8.286	186			
	5	8.563	8.513	8.613	145			
	1	6.548	6.498	6.598	174			
COLUMN 2	2	6.701	6.651	6.751	173	160		
	3	6.91	6.86	6.96	150			
	4	7.172	7.122	7.222	149			
	5	7.41	7.36	7.46	151			

IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

SAMPLE NO.

PL-02-081525-MSD

Lab Name: Alliance

Contract: NOBI03

Lab Code: ACE

SDG NO.: Q2879

Lab Sample ID: Q2889-01MSD

Date(s) Analyzed: 08/18/2025 08/18/2025

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 PP074466.D

ANALYTE	COL	RT	RT WINDOW		CONCENTRATION	MEAN CONCENTRATION	%RPD
			FROM	TO			
Aroclor-1016	1	5.807	5.757	5.857	189	194	5.29
COLUMN 1	2	5.828	5.778	5.878	188		
	3	5.892	5.842	5.942	193		
	4	5.988	5.938	6.038	214		
	5	6.281	6.231	6.331	187		
	1	4.9	4.85	4.95	186		
COLUMN 2	2	4.957	4.907	5.007	188	184	
	3	5.077	5.027	5.127	181		
	4	5.118	5.068	5.168	178		
	5	5.332	5.282	5.382	187		
Aroclor-1260	1	7.398	7.348	7.448	170	158	3.87
COLUMN 1	2	7.65	7.6	7.7	165		
	3	8.008	7.958	8.058	139		
	4	8.236	8.186	8.286	177		
	5	8.561	8.511	8.611	141		
	1	6.548	6.498	6.598	167		
COLUMN 2	2	6.701	6.651	6.751	169	152	
	3	6.912	6.862	6.962	142		
	4	7.172	7.122	7.222	142		
	5	7.411	7.361	7.461	141		



QC SAMPLE DATA

- 1
- 2
- 3
- 4
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- 7
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- 10
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Report of Analysis

Client:	Nobis Group		Date Collected:		
Project:	Raymark Superfund Site		Date Received:		
Client Sample ID:	PB169282BL		SDG No.:	Q2879	
Lab Sample ID:	PB169282BL		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074446.D	1	08/18/25 08:05	08/18/25 12:04	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	8.30	U	3.90	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	4.00	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	8.30	U	3.70	8.30	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	4.00	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	5.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	8.30	U	3.20	8.30	17.0	ug/kg
37324-23-5	Aroclor-1262	13.0	U	5.00	13.0	17.0	ug/kg
11100-14-4	Aroclor-1268	8.30	U	3.60	8.30	17.0	ug/kg
11096-82-5	Aroclor-1260	8.30	U	3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.9		44 - 130		115%	SPK: 20
2051-24-3	Decachlorobiphenyl	22.0		60 - 125		110%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:04
Operator : YP\AJ
Sample : PB169282BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169282BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:03:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.655	3.798	25637551	84310134	22.925	21.988
2) SA Decachlor...	10.435	8.813	21397040	121.1E6	22.032	20.142

Target Compounds

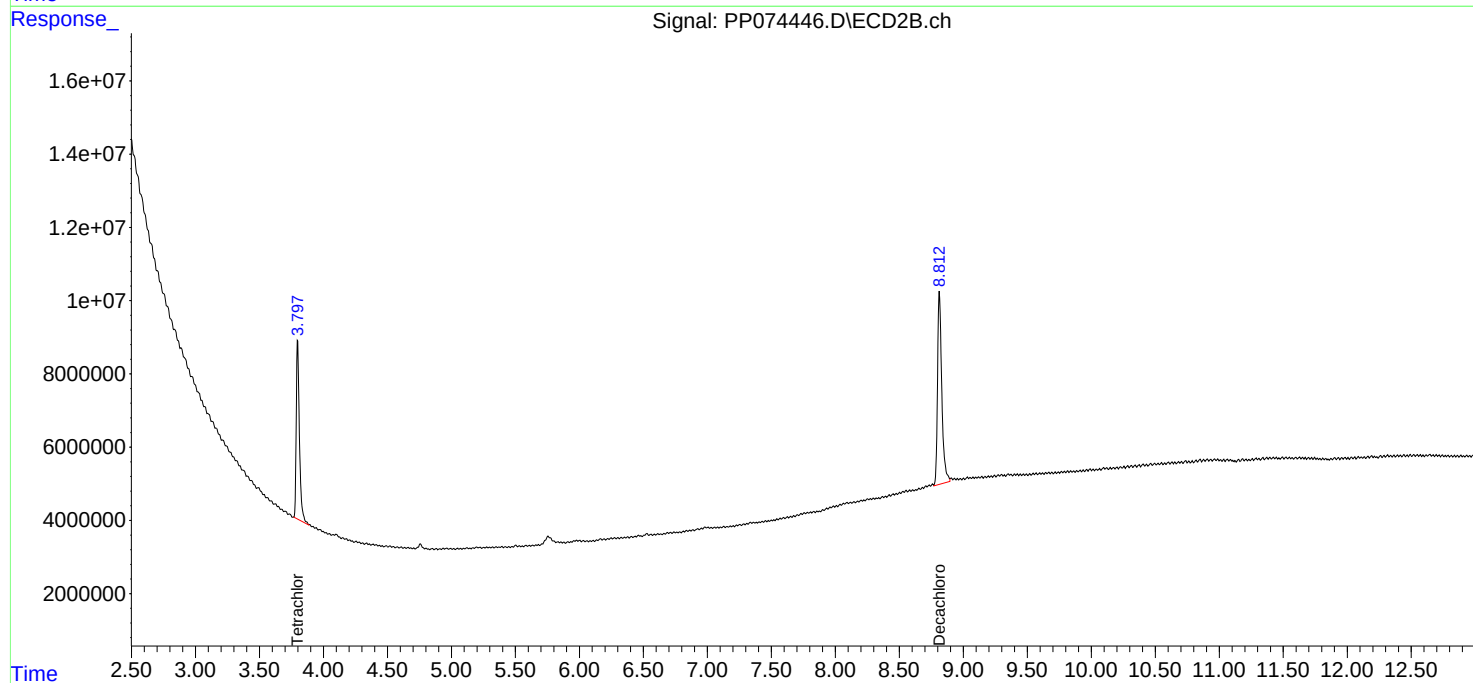
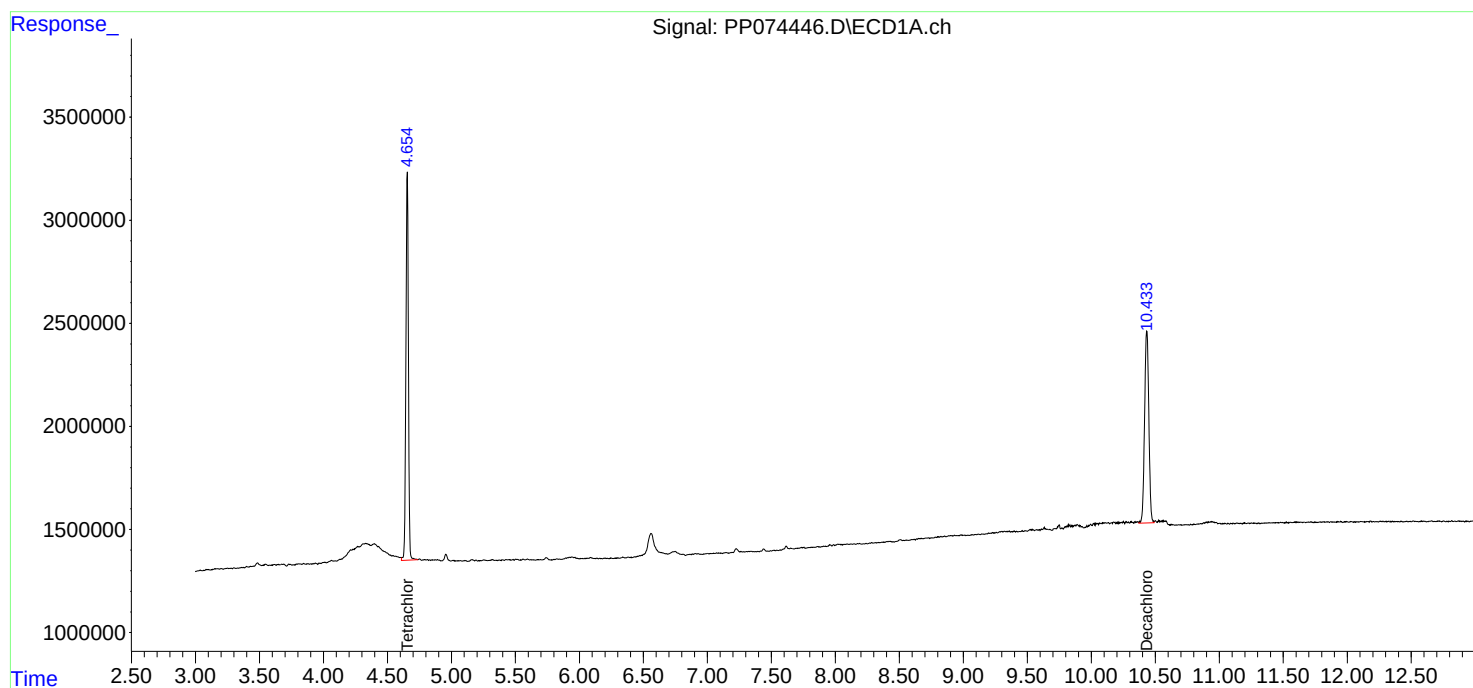
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074446.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:04
Operator : YP\AJ
Sample : PB169282BL
Misc :
ALS Vial : 9 Sample Multiplier: 1

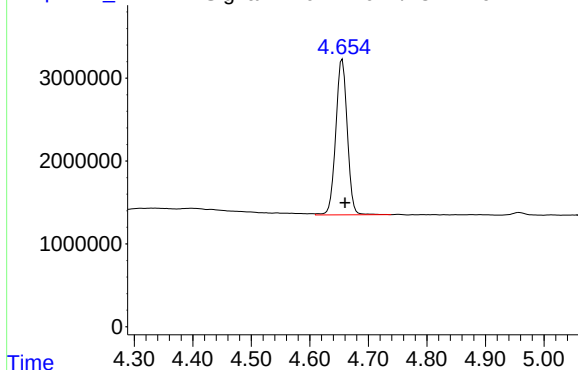
Instrument :
ECD_P
ClientSampleId :
PB169282BL

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:03:40 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074446.D\ECD1A.ch

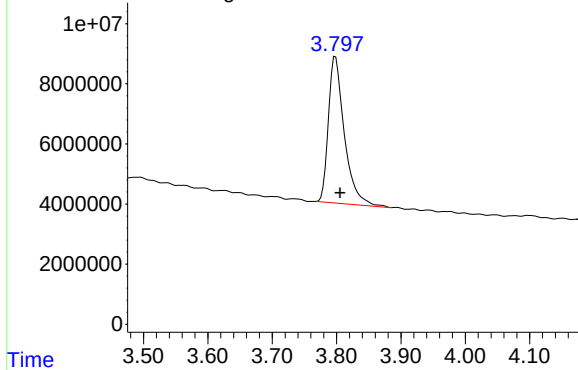


#1 Tetrachloro-m-xylene

R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 25637551
Conc: 22.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BL

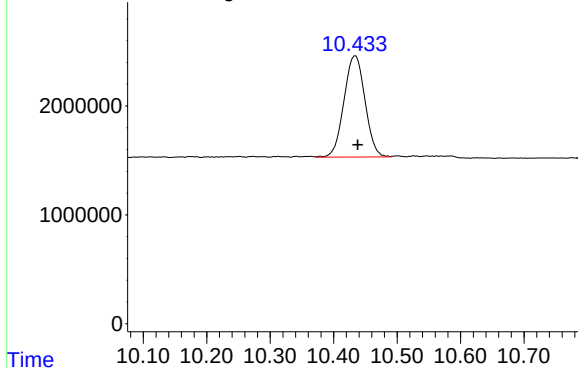
Response_ Signal: PP074446.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 84310134
Conc: 21.99 ng/ml

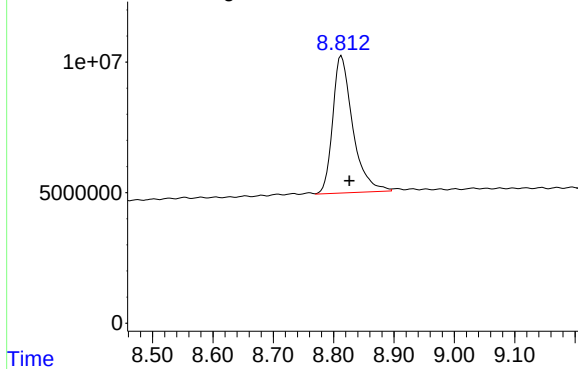
Response_ Signal: PP074446.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.003 min
Response: 21397040
Conc: 22.03 ng/ml

Response_ Signal: PP074446.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 121124054
Conc: 20.14 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/01/25
Project:	Raymark Superfund Site	Date Received:	08/01/25
Client Sample ID:	PIBLK-PP074167.D	SDG No.:	Q2879
Lab Sample ID:	I.BLK-PP074167.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Decanted:	
		Final Vol:	10000
			uL
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074167.D	1		08/01/25	PP080125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	17.3		60 - 140		86%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.7		60 - 140		93%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.803	21300659	66146859	19.047	17.251
2) SA Decachlor...	10.435	8.825	19096192	112.2E6	19.663	18.655

Target Compounds

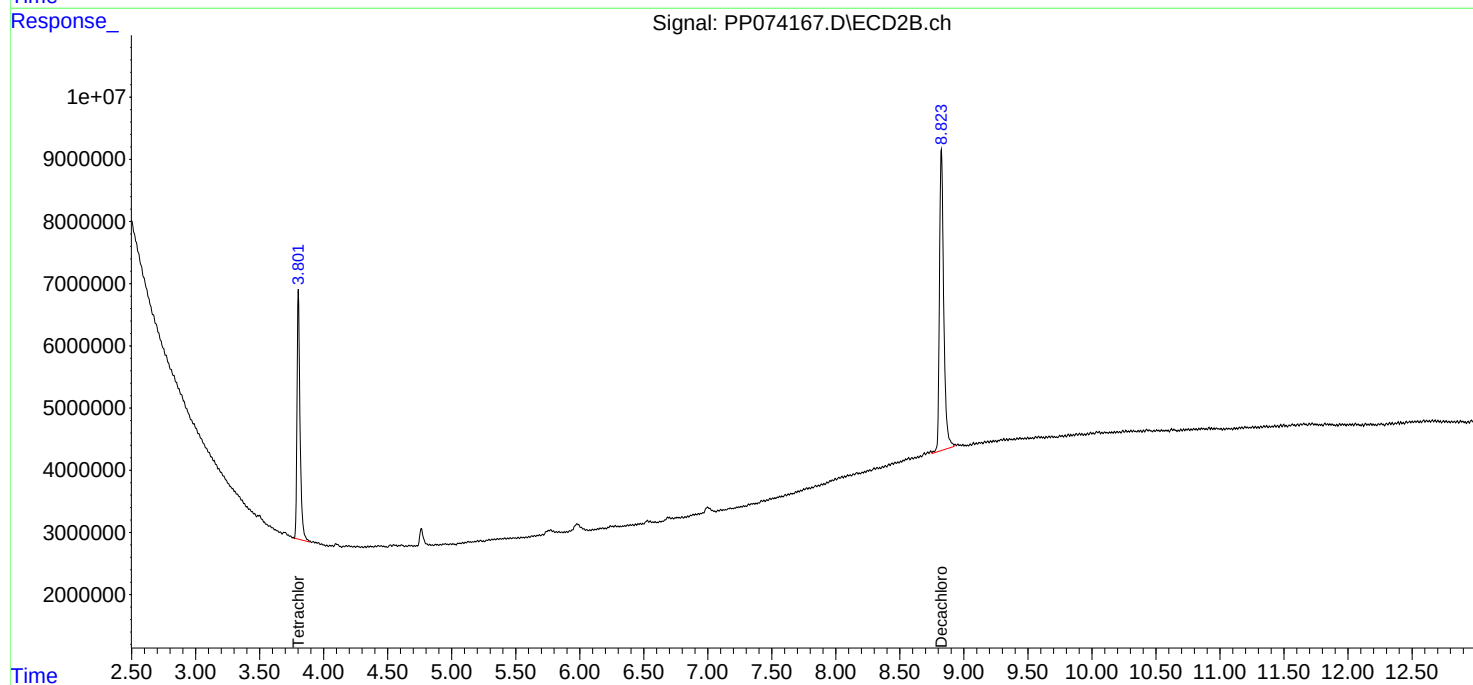
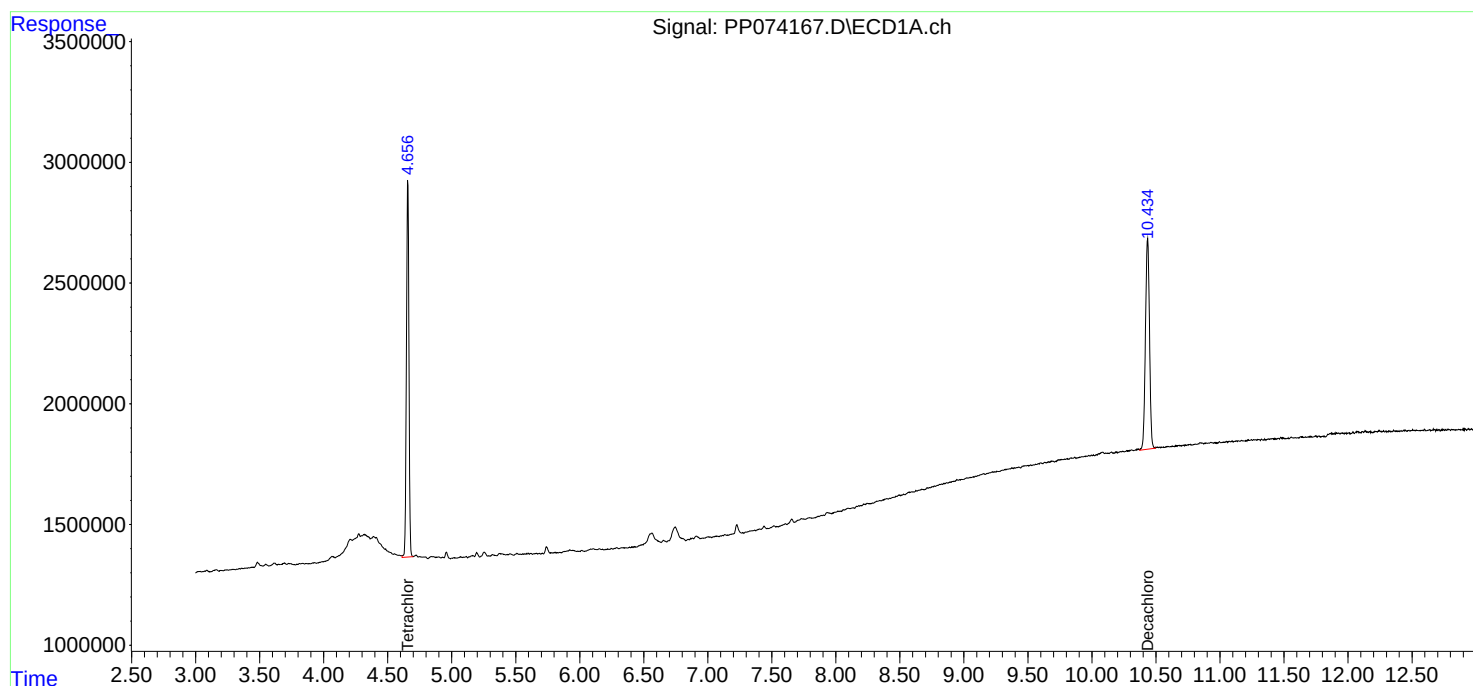
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074167.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 11:49
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

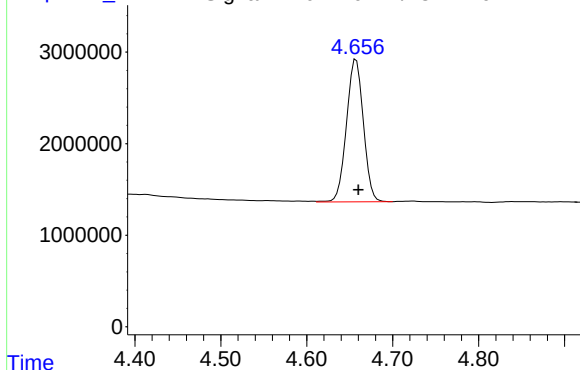
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:35:26 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Response_ Signal: PP074167.D\ECD1A.ch

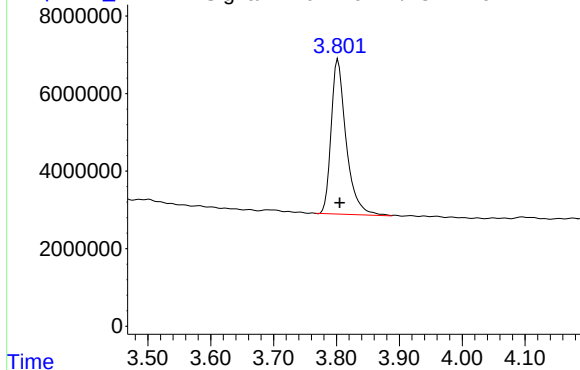


#1 Tetrachloro-m-xylene

R.T.: 4.658 min
Delta R.T.: -0.002 min
Response: 21300659
Conc: 19.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

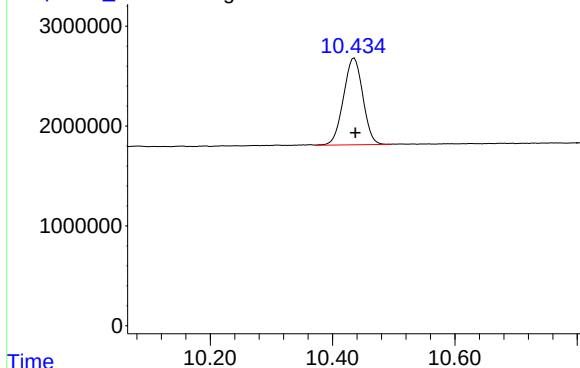
Response_ Signal: PP074167.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 66146859
Conc: 17.25 ng/ml

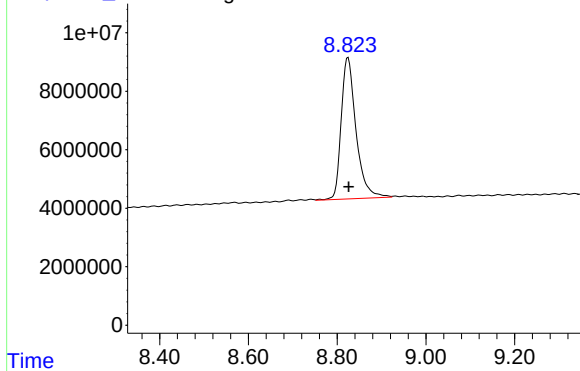
Response_ Signal: PP074167.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: -0.002 min
Response: 19096192
Conc: 19.66 ng/ml

Response_ Signal: PP074167.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.825 min
Delta R.T.: -0.002 min
Response: 112184396
Conc: 18.66 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/18/25
Project:	Raymark Superfund Site	Date Received:	08/18/25
Client Sample ID:	PIBLK-PP074442.D	SDG No.:	Q2879
Lab Sample ID:	I.BLK-PP074442.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074442.D	1		08/18/25	PP081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.6		60 - 140		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.3		60 - 140		96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:01:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.800	24791550	78832765	22.169	20.559
2) SA Decachlor...	10.431	8.814	20827843	116.0E6	21.446	19.290

Target Compounds

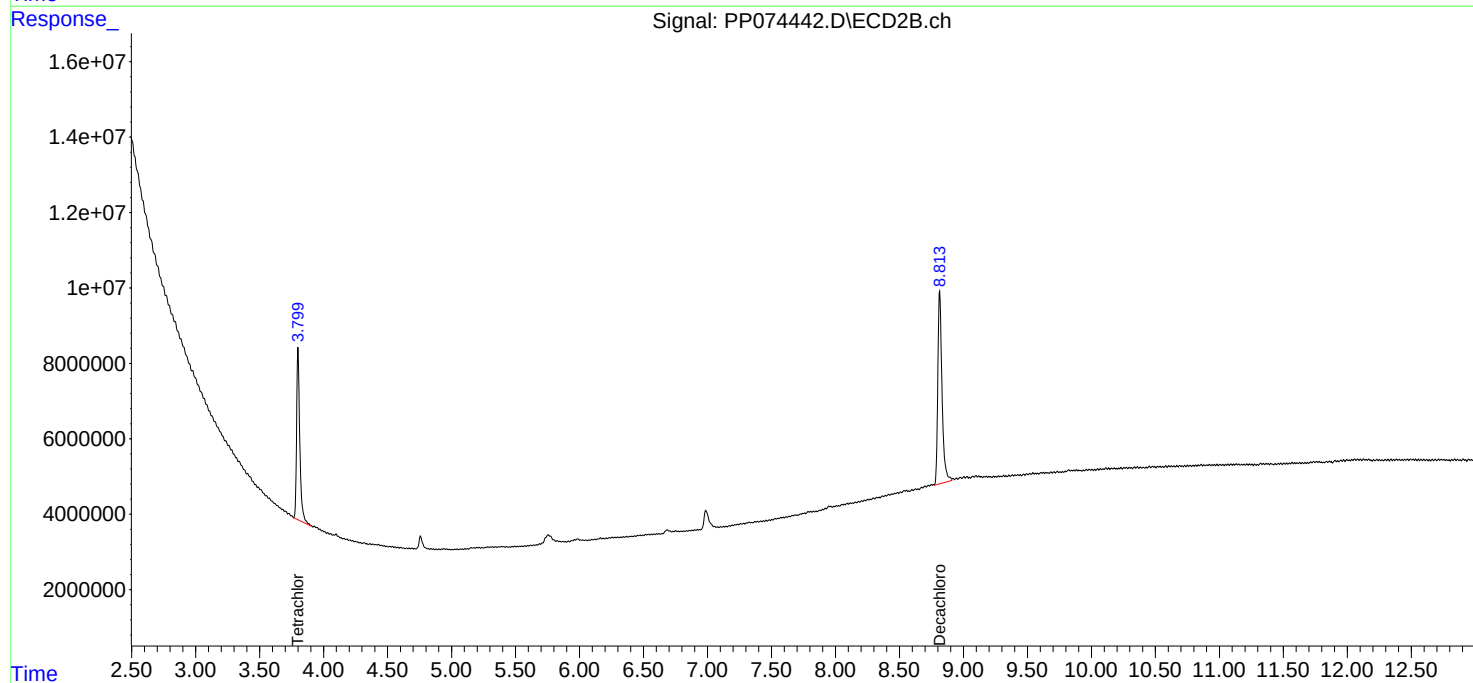
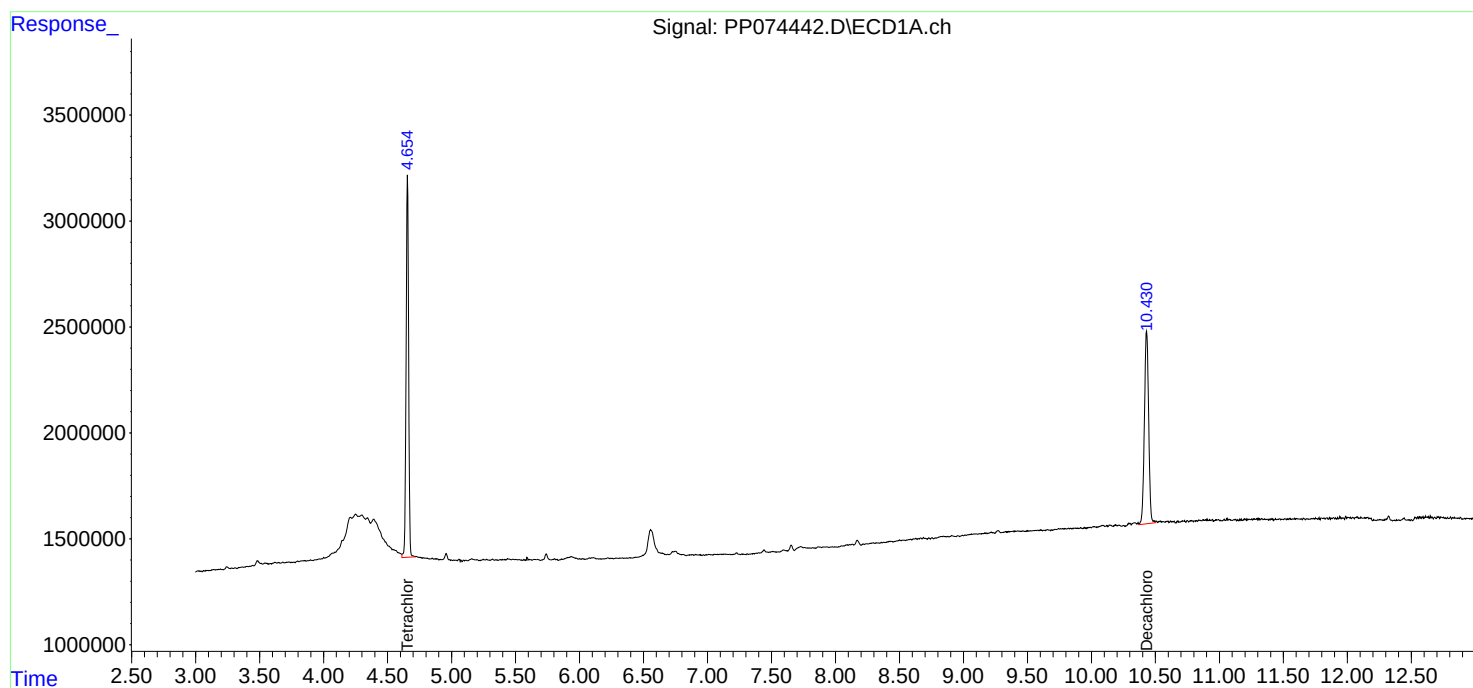
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074442.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 09:40
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

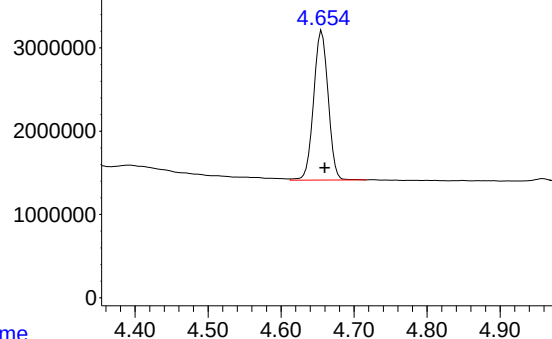
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:01:08 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074442.D\ECD1A.ch

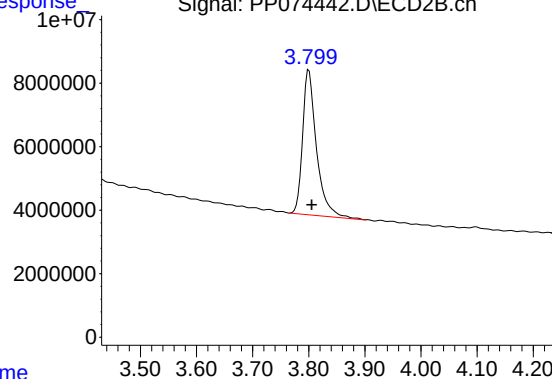


#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 24791550
Conc: 22.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

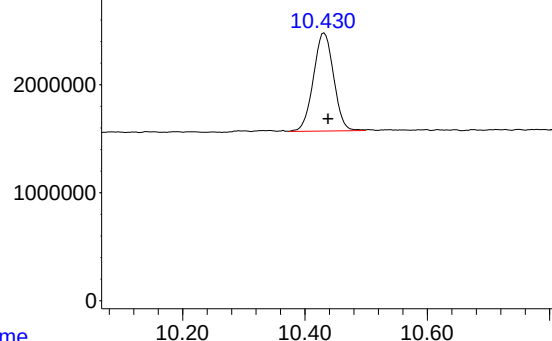
Time Response_ Signal: PP074442.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 78832765
Conc: 20.56 ng/ml

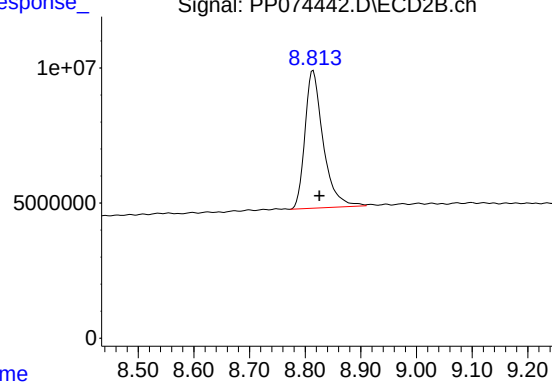
Time Response_ Signal: PP074442.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.007 min
Response: 20827843
Conc: 21.45 ng/ml

Time Response_ Signal: PP074442.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.012 min
Response: 116004236
Conc: 19.29 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/18/25
Project:	Raymark Superfund Site	Date Received:	08/18/25
Client Sample ID:	PIBLK-PP074456.D	SDG No.:	Q2879
Lab Sample ID:	I.BLK-PP074456.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074456.D	1		08/18/25	PP081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	20.6		60 - 140		103%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.9		60 - 140		94%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:03:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.657	3.800	24513334	79113298	21.920	20.632
2) SA Decachlor...	10.429	8.814	19617495	113.6E6	20.200	18.887

Target Compounds

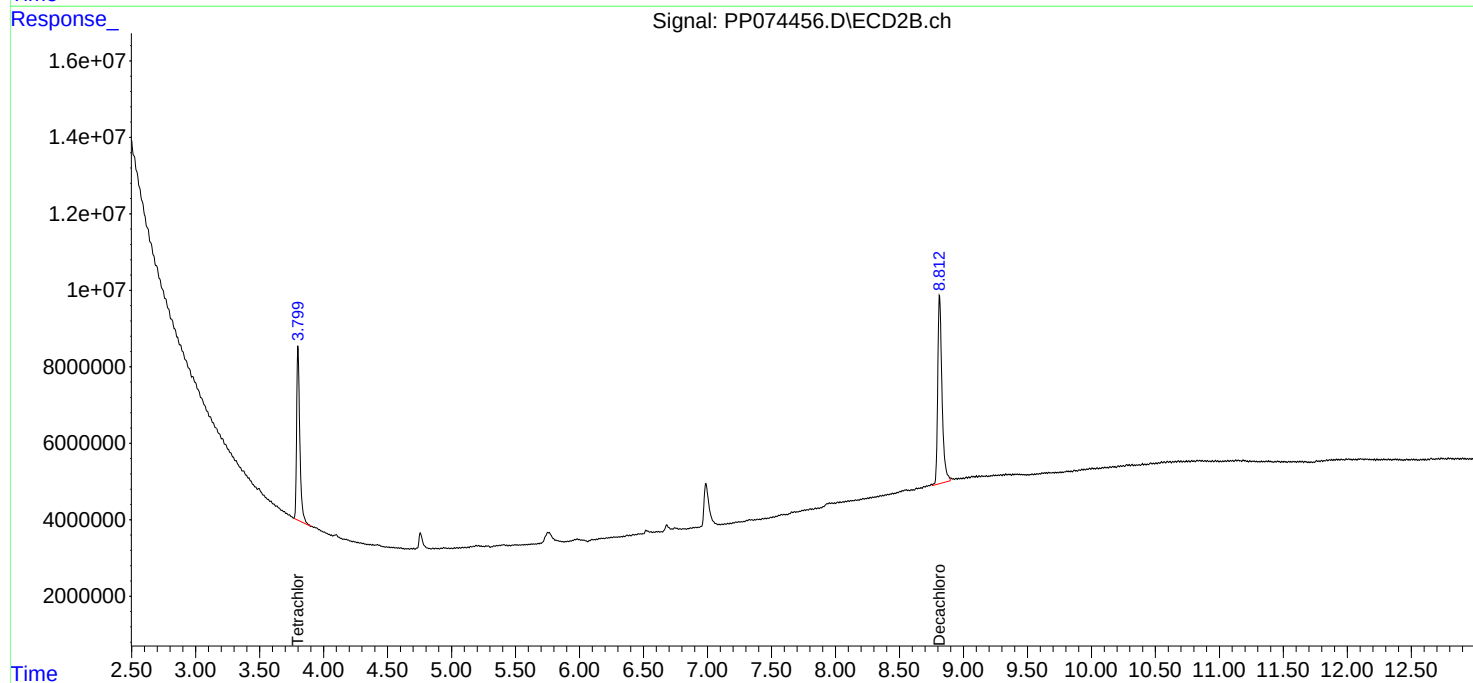
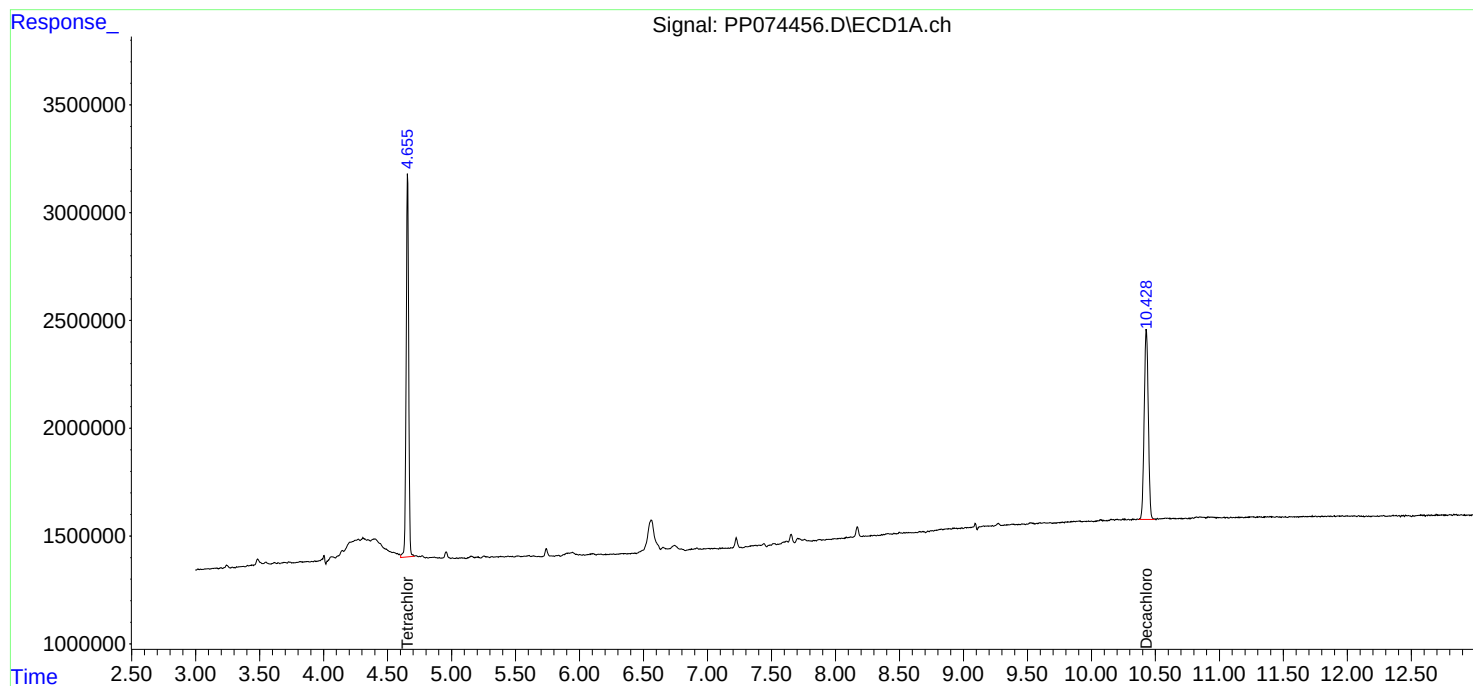
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074456.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 15:51
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

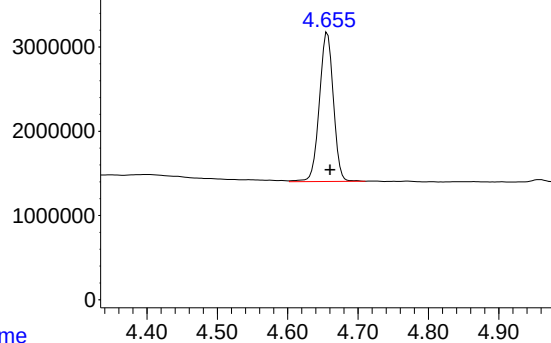
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:03:11 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074456.D\ECD1A.ch

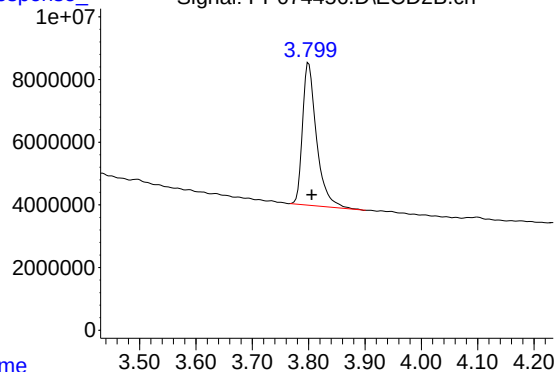


#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 24513334
Conc: 21.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

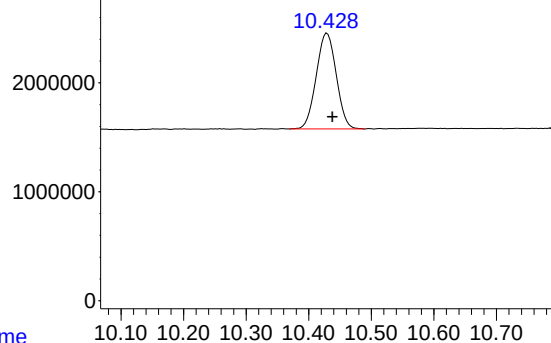
Time Response_ Signal: PP074456.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 79113298
Conc: 20.63 ng/ml

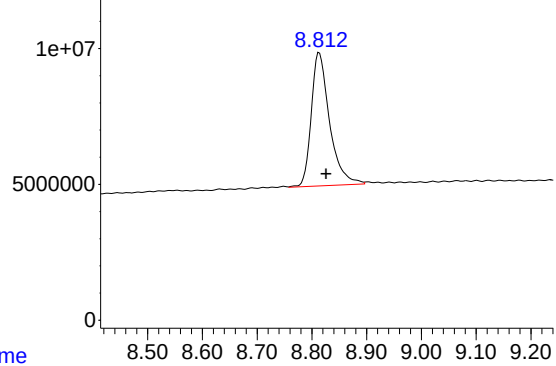
Time Response_ Signal: PP074456.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.429 min
Delta R.T.: -0.009 min
Response: 19617495
Conc: 20.20 ng/ml

Time Response_ Signal: PP074456.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.012 min
Response: 113579699
Conc: 18.89 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/18/25
Project:	Raymark Superfund Site	Date Received:	08/18/25
Client Sample ID:	PIBLK-PP074470.D	SDG No.:	Q2879
Lab Sample ID:	I.BLK-PP074470.D	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	5030	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074470.D	1		08/18/25	PP081825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		60 - 140		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.0		60 - 140		80%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:44
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:17:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.657	3.801	23518253	75148642	21.030	19.598
2) SA Decachlor...	10.431	8.814	18209390	96204087	18.750	15.998

Target Compounds

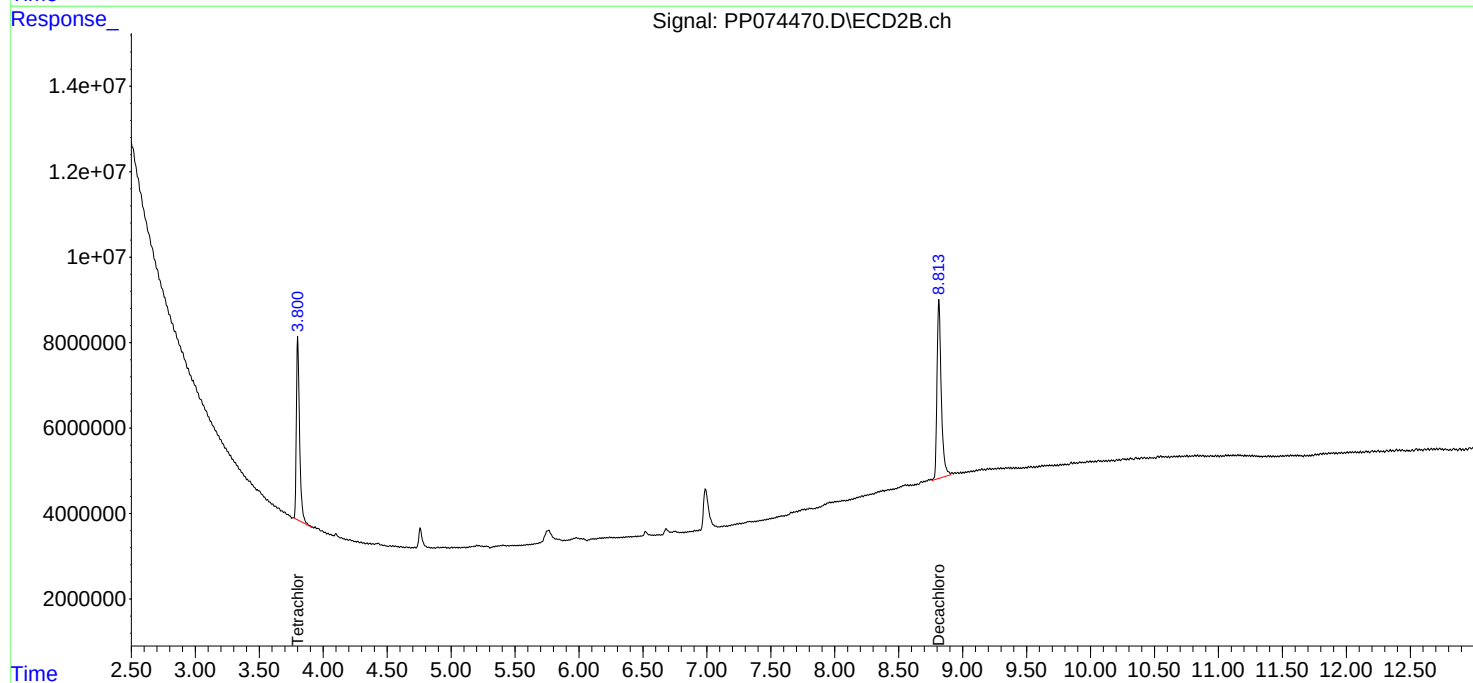
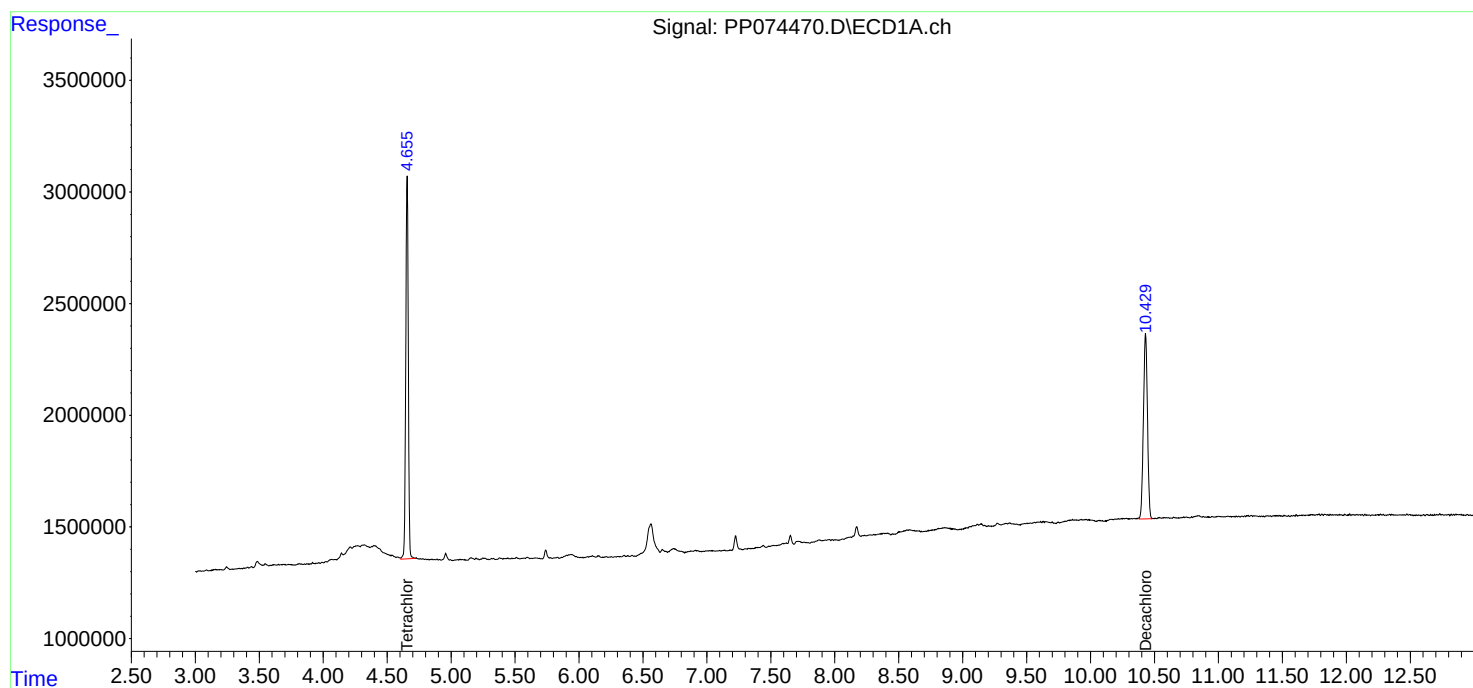
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074470.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 20:44
Operator : YP\AJ
Sample : I.BLK
Misc :
ALS Vial : 2 Sample Multiplier: 1

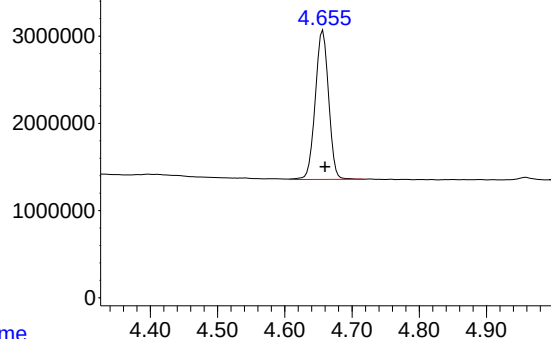
Instrument :
ECD_P
ClientSampleId :
I.BLK

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:17:03 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074470.D\ECD1A.ch

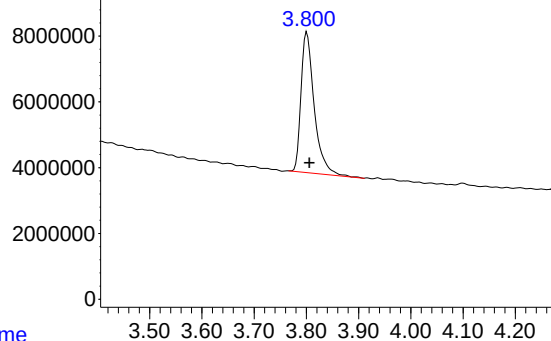


#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: -0.003 min
Response: 23518253
Conc: 21.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
I.BLK

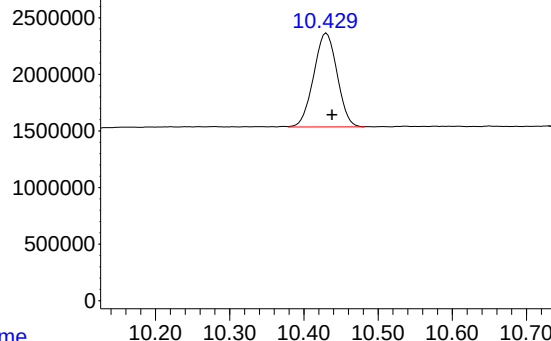
Time Response_ Signal: PP074470.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.004 min
Response: 75148642
Conc: 19.60 ng/ml

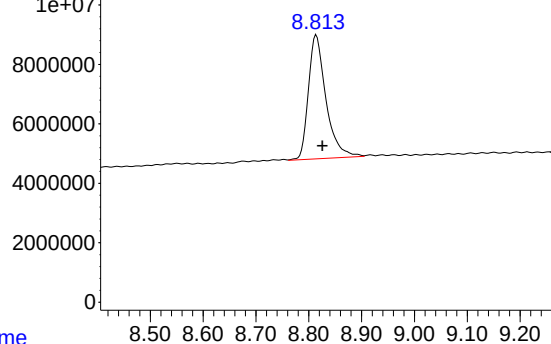
Time Response_ Signal: PP074470.D\ECD1A.ch



#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.007 min
Response: 18209390
Conc: 18.75 ng/ml

Time Response_ Signal: PP074470.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.814 min
Delta R.T.: -0.012 min
Response: 96204087
Conc: 16.00 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	PB169282BS	SDG No.:	Q2879
Lab Sample ID:	PB169282BS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	100
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074447.D	1	08/18/25 08:05	08/18/25 12:20	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	194		3.90	8.30	17.0	ug/kg
11104-28-2	Aroclor-1221	13.0	U	4.00	13.0	17.0	ug/kg
11141-16-5	Aroclor-1232	8.30	U	3.70	8.30	17.0	ug/kg
53469-21-9	Aroclor-1242	8.30	U	4.00	8.30	17.0	ug/kg
12672-29-6	Aroclor-1248	13.0	U	5.90	13.0	17.0	ug/kg
11097-69-1	Aroclor-1254	8.30	U	3.20	8.30	17.0	ug/kg
37324-23-5	Aroclor-1262	13.0	U	5.00	13.0	17.0	ug/kg
11100-14-4	Aroclor-1268	8.30	U	3.60	8.30	17.0	ug/kg
11096-82-5	Aroclor-1260	183		3.20	8.30	17.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.8		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.7		60 - 125		108%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074447.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 12:20
 Operator : YP\AJ
 Sample : PB169282BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PB169282BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 13:04:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.801	26629086	88175400	23.812	22.996
2) SA Decachlor...	10.433	8.814	21047406	122.5E6	21.672	20.363
Target Compounds						
3) L1 AR-1016-1	5.808	4.899	22442183	237.8E6	543.963	596.237
4) L1 AR-1016-2	5.829	4.957	33535445	112.5E6	552.099	598.871
5) L1 AR-1016-3	5.892	5.078	21632018	59814722	545.430	563.919
6) L1 AR-1016-4	5.989	5.118	18140251	64198753	557.399	587.793
7) L1 AR-1016-5	6.282	5.332	17700671	66370199	545.172	567.445
31) L7 AR-1260-1	7.399	6.548	32112260	238.6E6	569.810	590.593
32) L7 AR-1260-2	7.652	6.703	36719698	179.2E6	538.788	573.117
33) L7 AR-1260-3	8.010	6.911	24800620	209.1E6	465.338	530.659
34) L7 AR-1260-4	8.236	7.171	31234161	153.3E6	498.829m	526.691
35) L7 AR-1260-5	8.563	7.411	50159532	395.2E6	442.695	521.788

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP\AJ
Sample : PB169282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PB169282BS

Manual Integrations

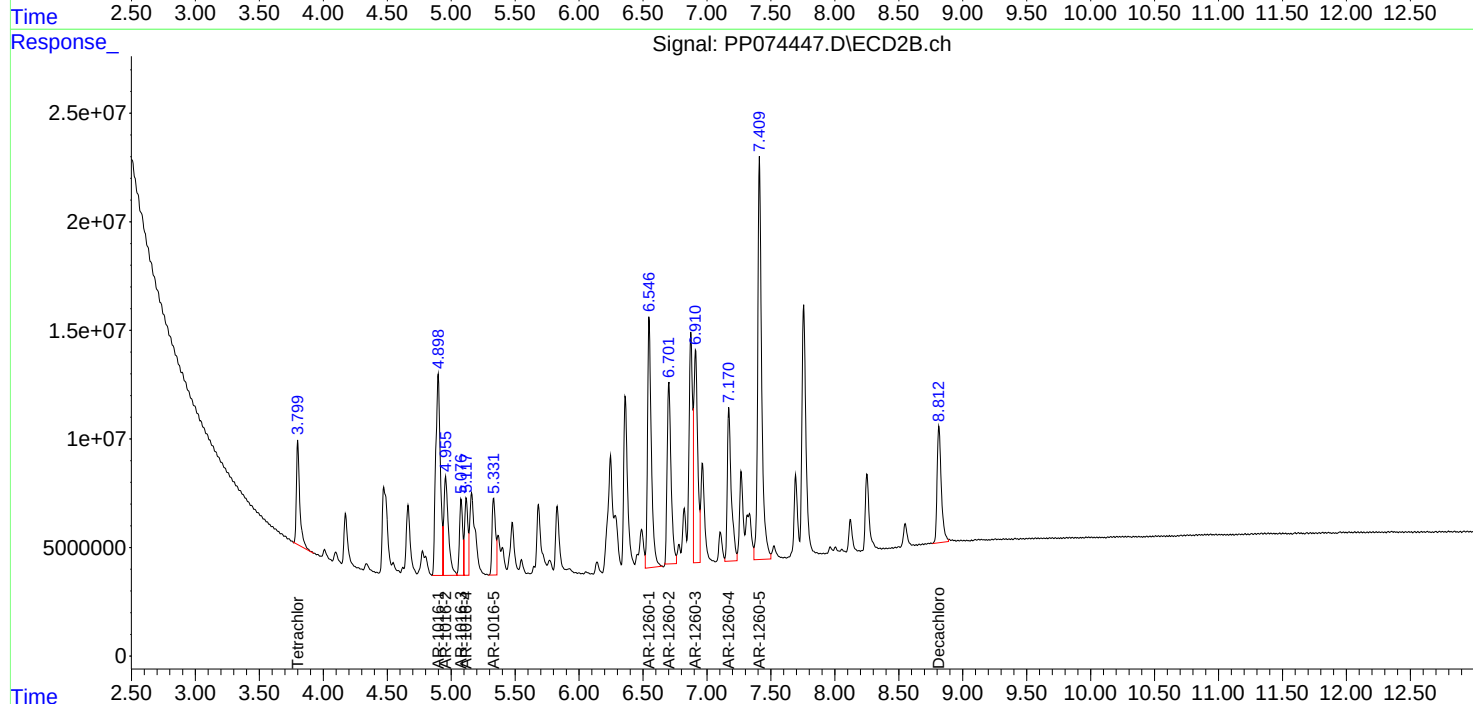
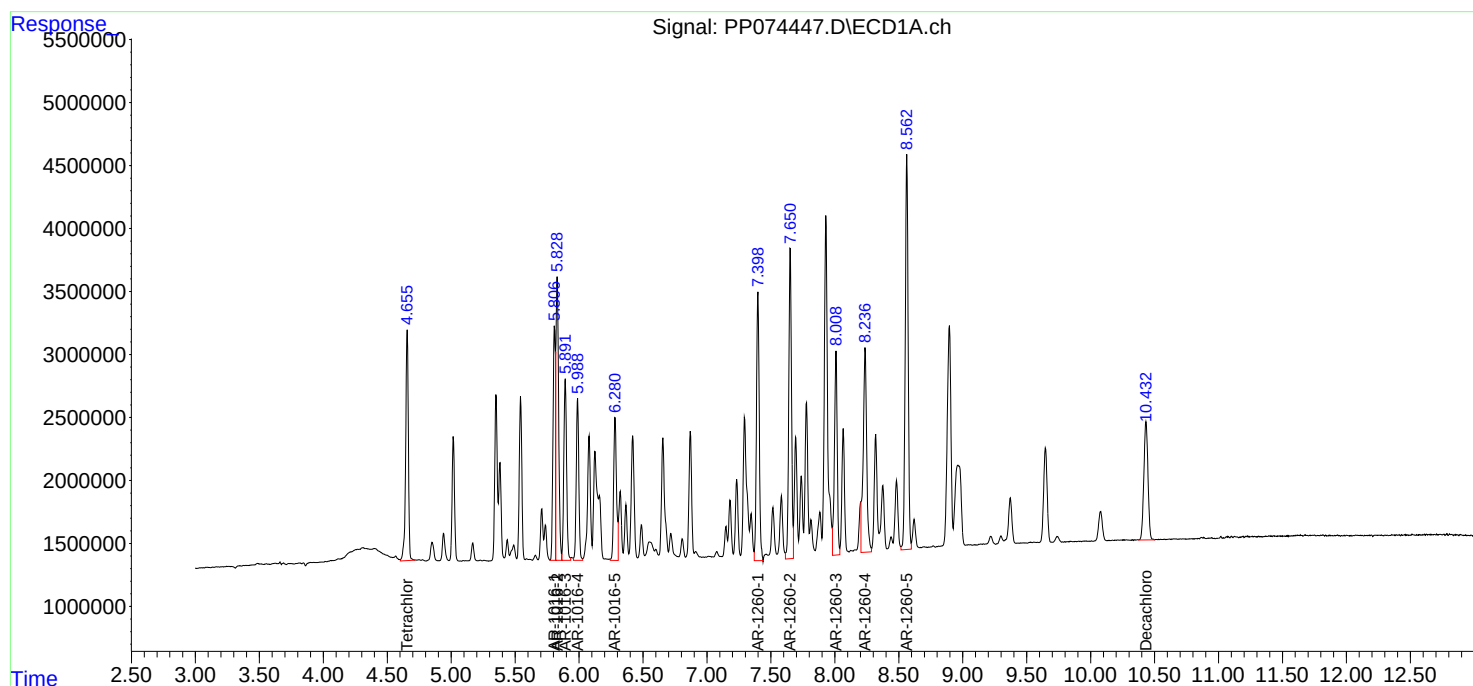
APPROVED

Reviewed By :Yogesh Patel 08/19/2025

Supervised By :mohammad ahmed 08/20/2025

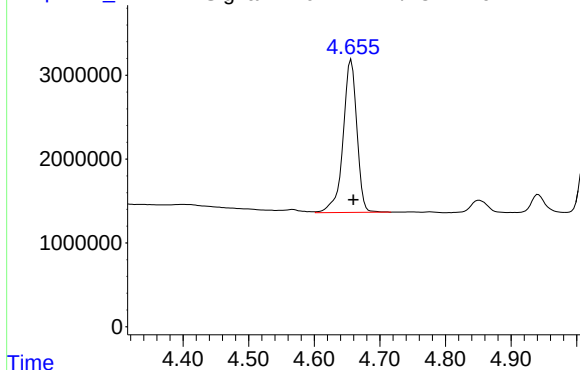
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 2025
Response via : Initial Calibration
Integrator: ChemStation

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



Signal: PP074447.D\ECD1A.ch

#1 Tetrachloro-m-xylene



R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 26629086
Conc: 23.81 ng/ml

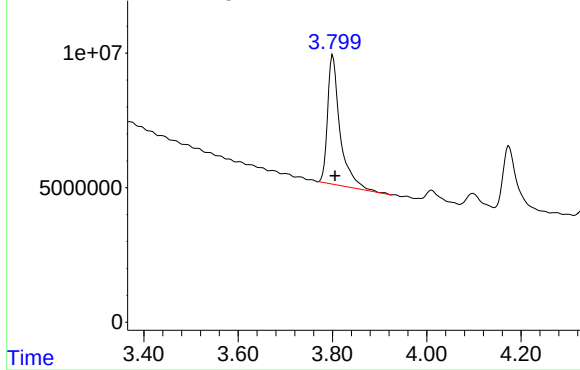
Instrument :
ECD_P
ClientSampleId :
PB169282BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Signal: PP074447.D\ECD2B.ch

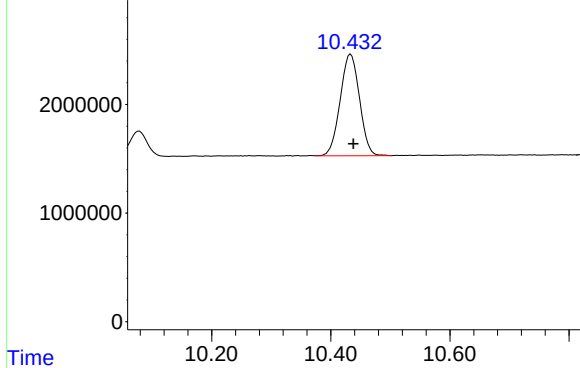
#1 Tetrachloro-m-xylene



R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 88175400
Conc: 23.00 ng/ml

Signal: PP074447.D\ECD1A.ch

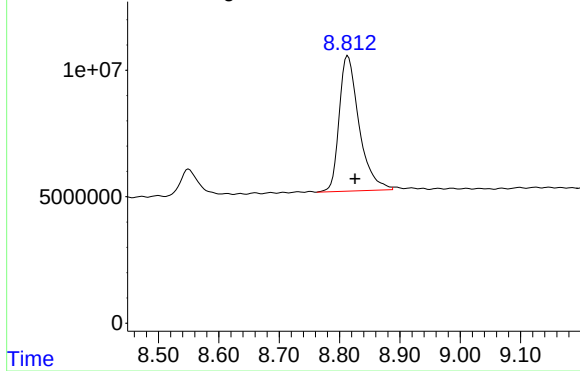
#2 Decachlorobiphenyl



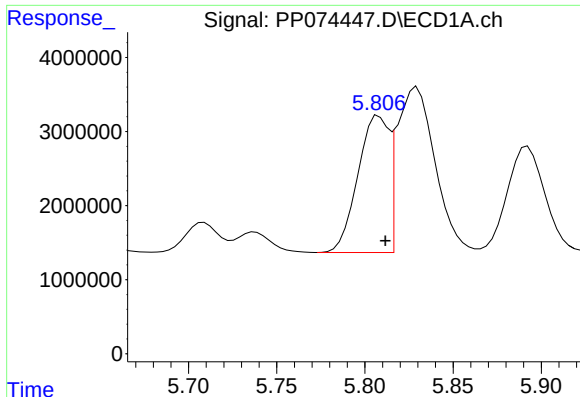
R.T.: 10.433 min
Delta R.T.: -0.005 min
Response: 21047406
Conc: 21.67 ng/ml

Signal: PP074447.D\ECD2B.ch

#2 Decachlorobiphenyl



R.T.: 8.814 min
Delta R.T.: -0.012 min
Response: 122457043
Conc: 20.36 ng/ml



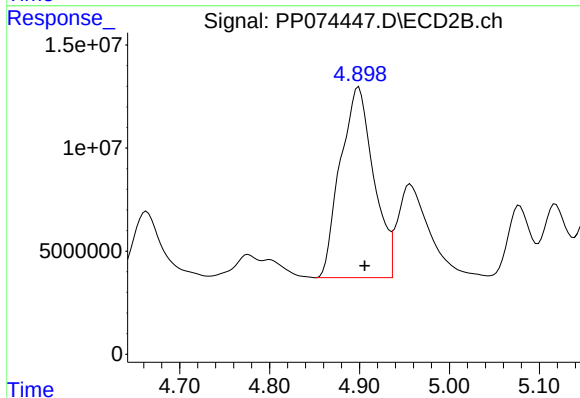
#3 AR-1016-1

R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 22442183
Conc: 543.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS

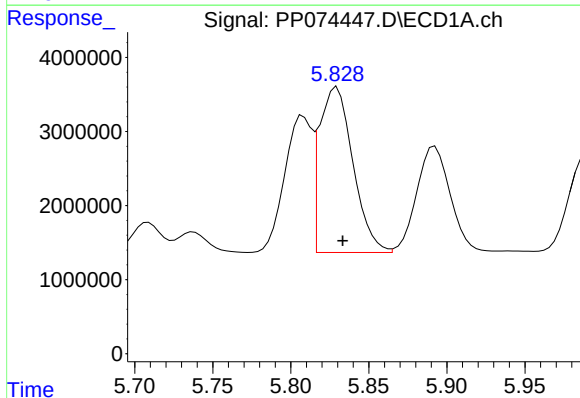
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



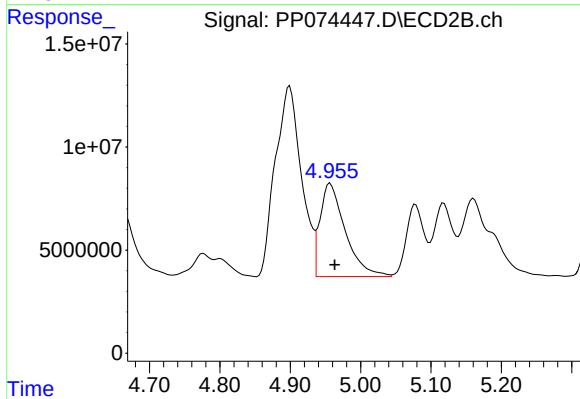
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.006 min
Response: 237831369
Conc: 596.24 ng/ml



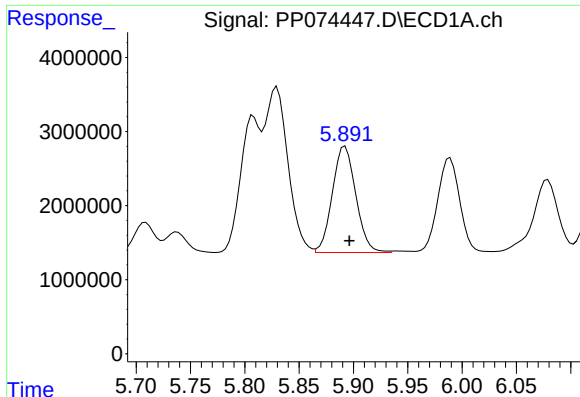
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 33535445
Conc: 552.10 ng/ml



#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: -0.007 min
Response: 112473439
Conc: 598.87 ng/ml



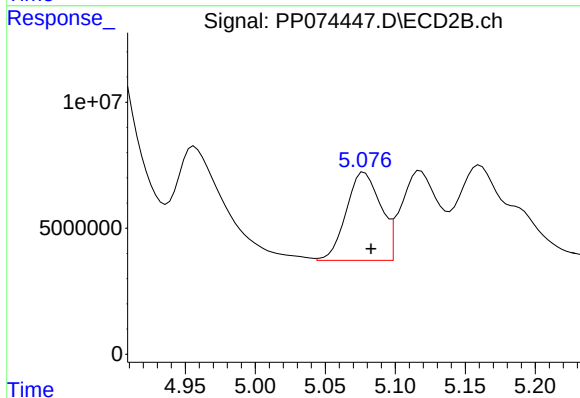
#5 AR-1016-3

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21632018
Conc: 545.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS

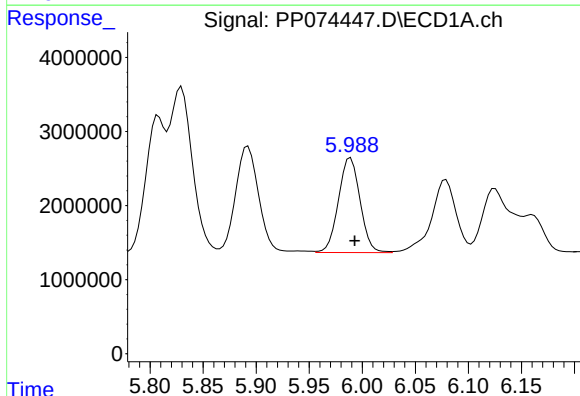
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



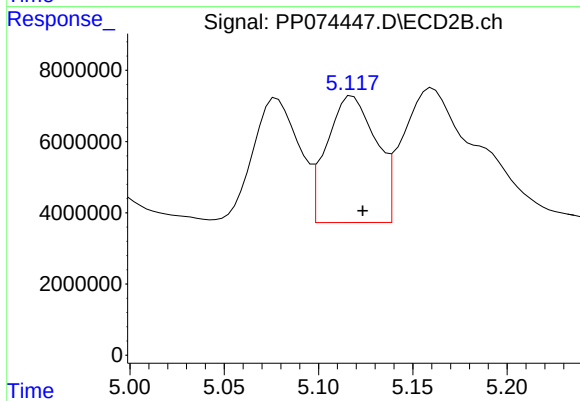
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 59814722
Conc: 563.92 ng/ml



#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 18140251
Conc: 557.40 ng/ml

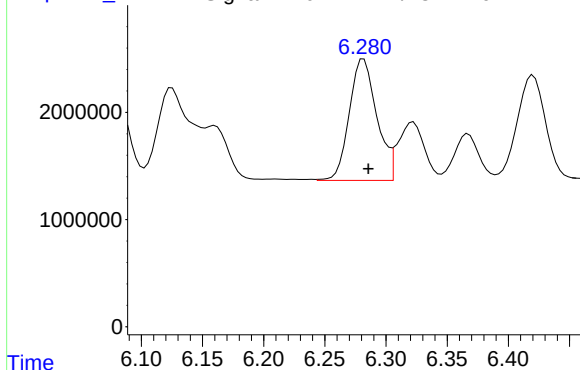


#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: -0.005 min
Response: 64198753
Conc: 587.79 ng/ml

Response_ Signal: PP074447.D\ECD1A.ch

#7 AR-1016-5



R.T.: 6.282 min
Delta R.T.: -0.004 min
Response: 17700671
Conc: 545.17 ng/ml

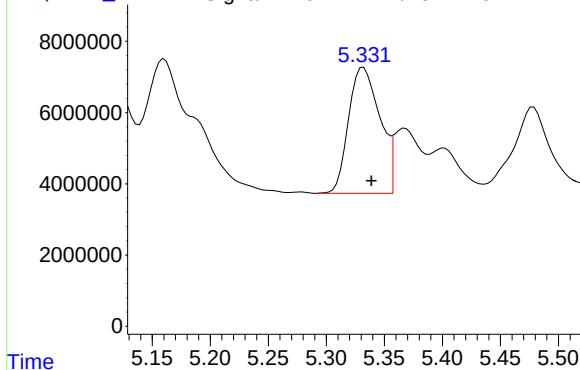
Instrument :
ECD_P
ClientSampleId :
PB169282BS

Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Response_ Signal: PP074447.D\ECD2B.ch

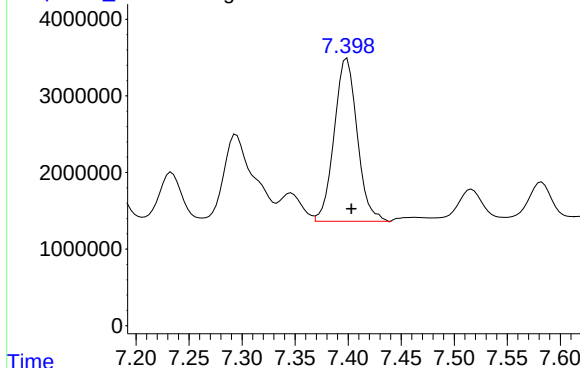
#7 AR-1016-5



R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 66370199
Conc: 567.44 ng/ml

Response_ Signal: PP074447.D\ECD1A.ch

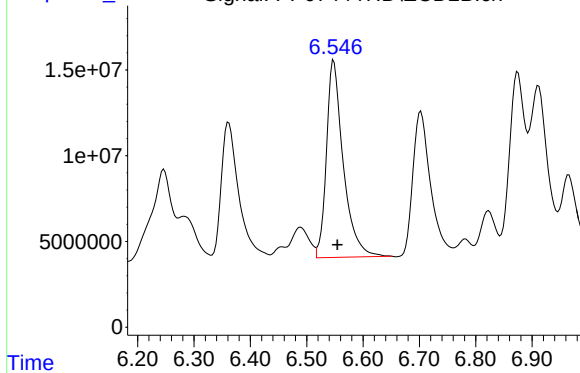
#31 AR-1260-1



R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 32112260
Conc: 569.81 ng/ml

Response_ Signal: PP074447.D\ECD2B.ch

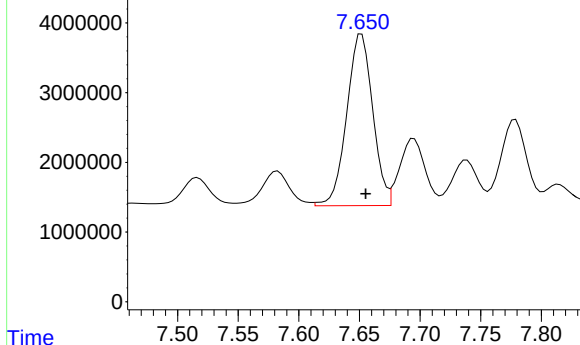
#31 AR-1260-1



R.T.: 6.548 min
Delta R.T.: -0.007 min
Response: 238574286
Conc: 590.59 ng/ml

Response_ Signal: PP074447.D\ECD1A.ch

#32 AR-1260-2



R.T.: 7.652 min
Delta R.T.: -0.004 min
Response: 36719698
Conc: 538.79 ng/ml

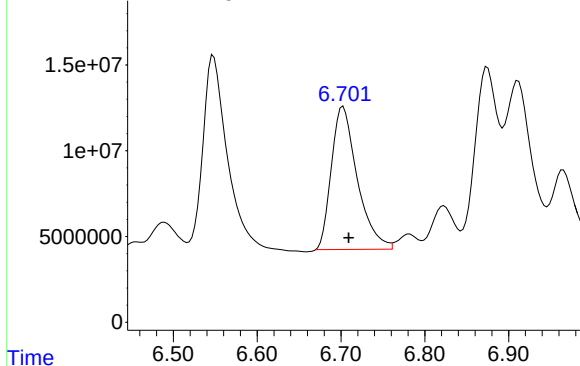
Instrument :
ECD_P
ClientSampleId :
PB169282BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Time Response_ Signal: PP074447.D\ECD2B.ch

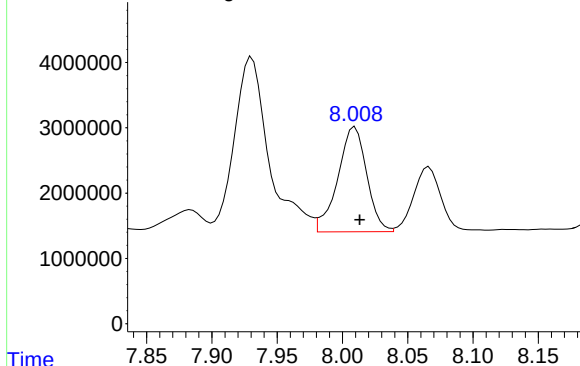
#32 AR-1260-2



R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 179212931
Conc: 573.12 ng/ml

Time Response_ Signal: PP074447.D\ECD1A.ch

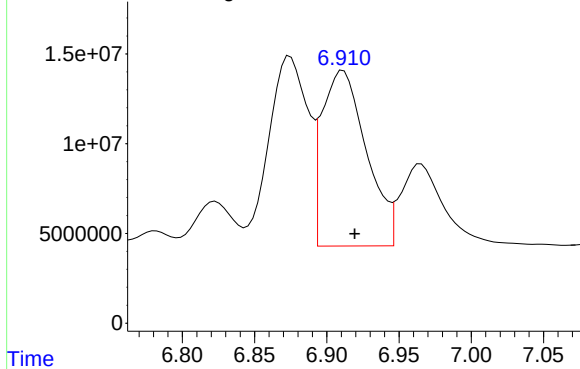
#33 AR-1260-3



R.T.: 8.010 min
Delta R.T.: -0.004 min
Response: 24800620
Conc: 465.34 ng/ml

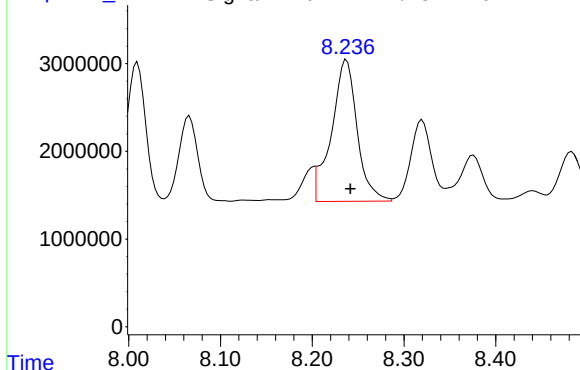
Time Response_ Signal: PP074447.D\ECD2B.ch

#33 AR-1260-3



R.T.: 6.911 min
Delta R.T.: -0.008 min
Response: 209142428
Conc: 530.66 ng/ml

Response_ Signal: PP074447.D\ECD1A.ch



#34 AR-1260-4

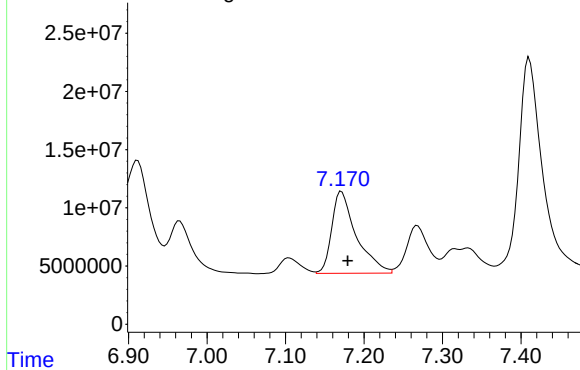
R.T.: 8.236 min
Delta R.T.: -0.006 min
Response: 31234161
Conc: 498.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS

Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

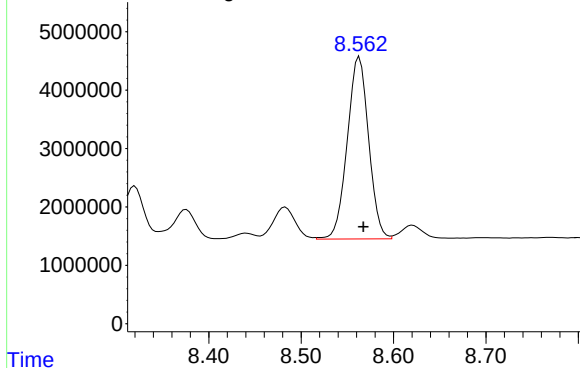
Response_ Signal: PP074447.D\ECD2B.ch



#34 AR-1260-4

R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 153256218
Conc: 526.69 ng/ml

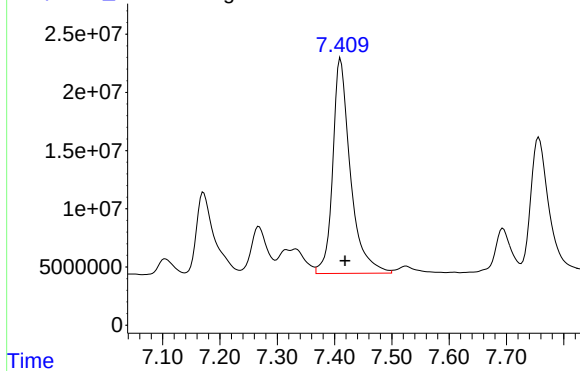
Response_ Signal: PP074447.D\ECD1A.ch



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: -0.005 min
Response: 50159532
Conc: 442.70 ng/ml

Response_ Signal: PP074447.D\ECD2B.ch



#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: -0.007 min
Response: 395207628
Conc: 521.79 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/15/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	PL-02-081525-MS	SDG No.:	Q2879
Lab Sample ID:	Q2889-01MS	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074465.D	1	08/18/25 08:05	08/18/25 18:18	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	196		4.20	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	4.30	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	8.90	U	4.00	8.90	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	4.30	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	6.30	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	8.90	U	3.40	8.90	18.2	ug/kg
37324-23-5	Aroclor-1262	13.9	U	5.40	13.9	18.2	ug/kg
11100-14-4	Aroclor-1268	8.90	U	3.90	8.90	18.2	ug/kg
11096-82-5	Aroclor-1260	166		3.50	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.5		44 - 130		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	19.2		60 - 125		96%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:18
Operator : YP\AJ
Sample : Q2889-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:14:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.800	26292467	80989907	23.511	21.122
2) SA Decachlor...	10.432	8.815	18625822	95648038	19.179	15.905
Target Compounds						
3) L1 AR-1016-1	5.807	4.900	21832747	215.3E6	529.191	539.779
4) L1 AR-1016-2	5.829	4.957	31508469	103.0E6	518.729	548.393
5) L1 AR-1016-3	5.892	5.076	21313061	57471947	537.387	541.832
6) L1 AR-1016-4	5.989	5.117	20132833	59295029	618.625	542.895
7) L1 AR-1016-5	6.281	5.332	17384518	66636548	535.435	569.722
31) L7 AR-1260-1	7.399	6.548	28248780	196.3E6	501.255	485.884
32) L7 AR-1260-2	7.651	6.701	33630673	151.9E6	493.463	485.697m
33) L7 AR-1260-3	8.009	6.910	21732914	165.9E6	407.778	420.988
34) L7 AR-1260-4	8.236	7.172	32598486	121.8E6	520.618	418.458
35) L7 AR-1260-5	8.563	7.410	46130195	319.6E6	407.133	421.991

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:18
Operator : YP\AJ
Sample : Q2889-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PL-02-081525-MS

Manual Integrations

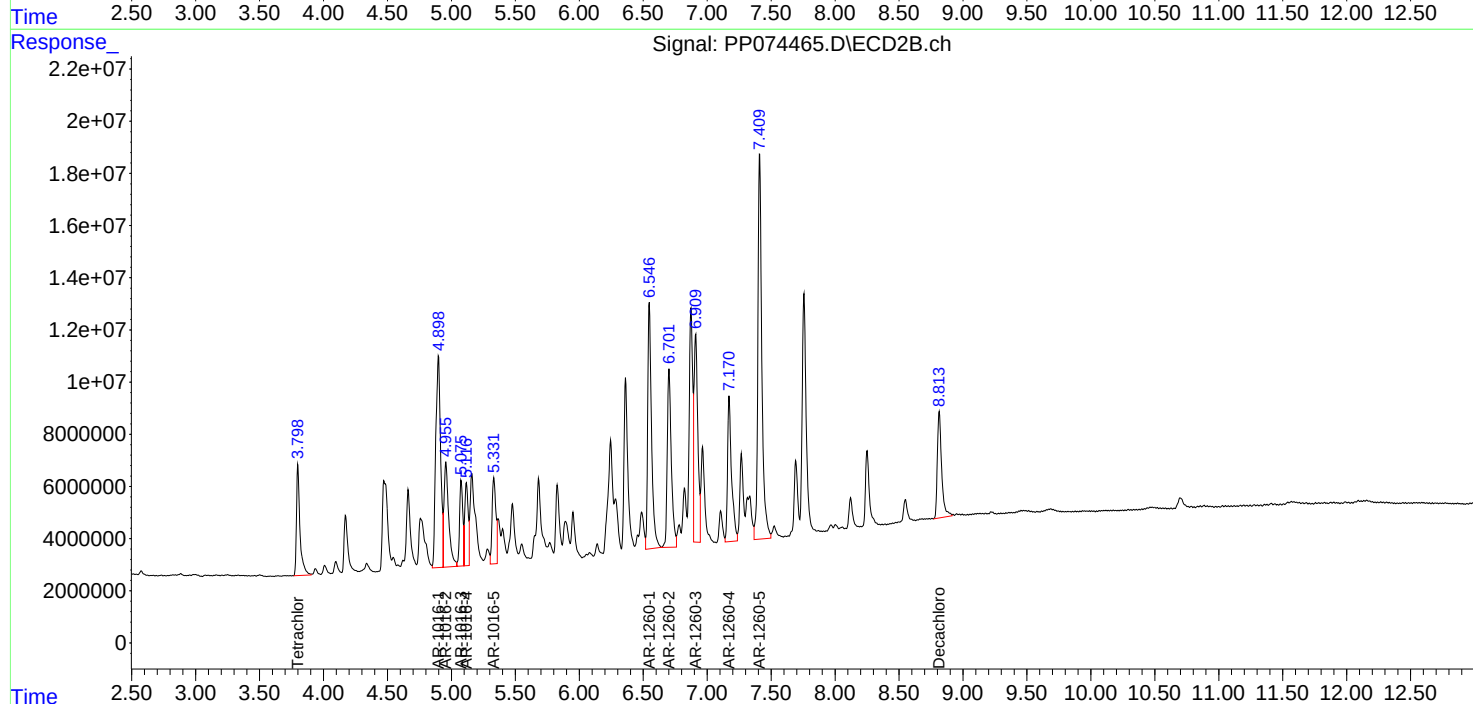
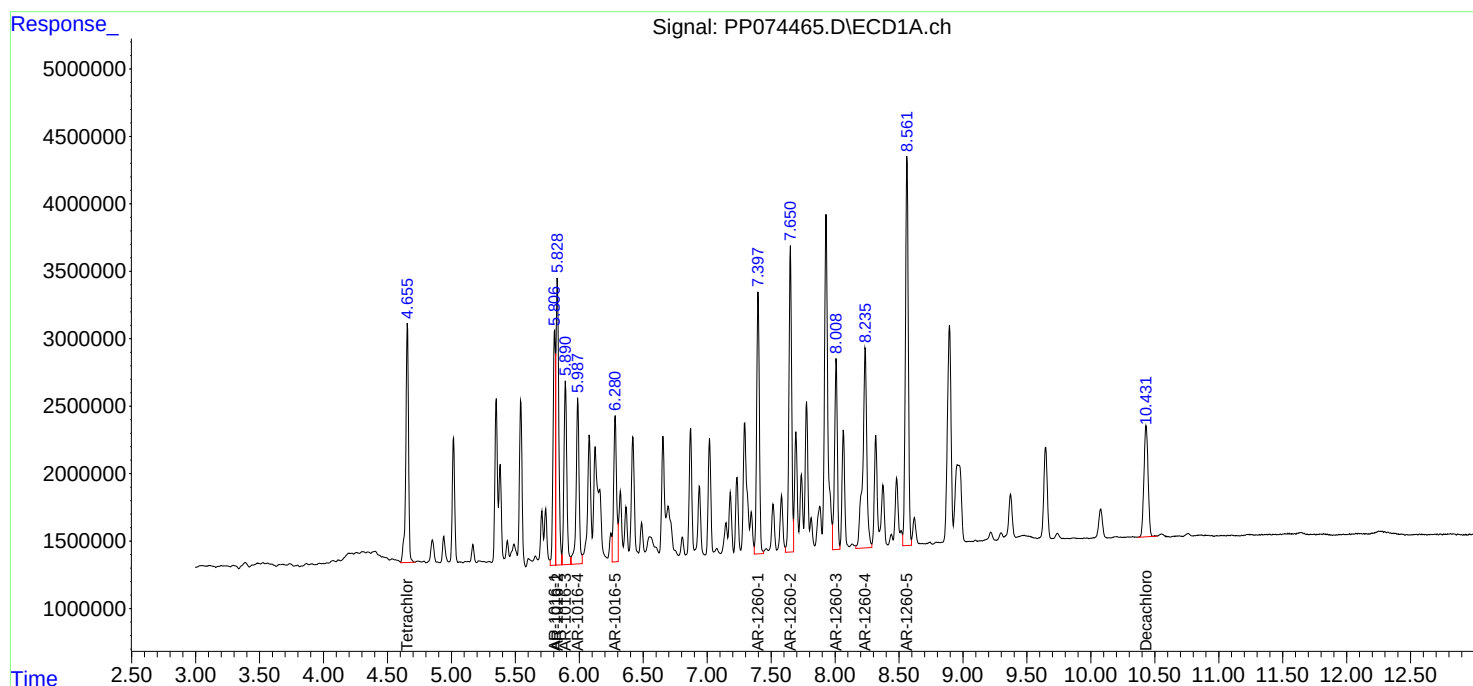
APPROVED

Reviewed By :Yogesh Patel 08/19/2025

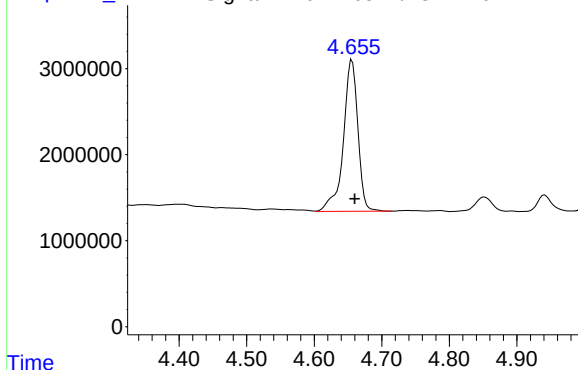
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:14:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074465.D\ECD1A.ch



#1 Tetrachloro-m-xylene

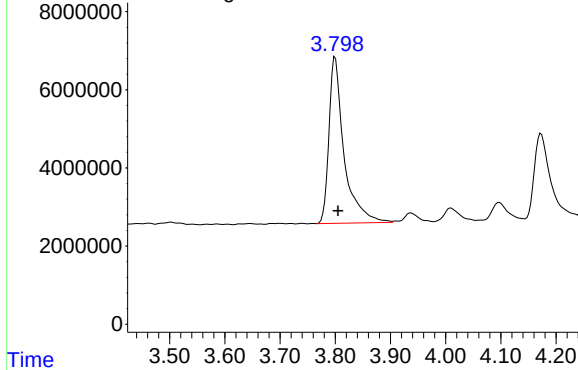
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 26292467
Conc: 23.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

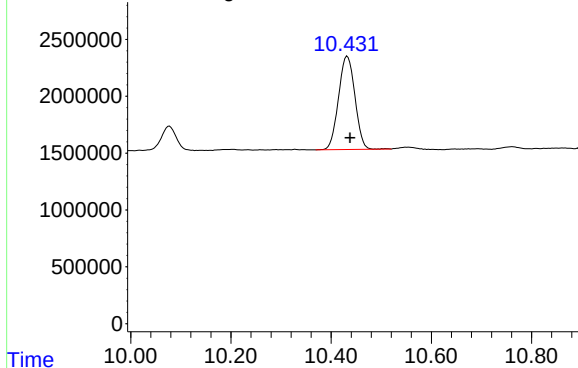
Time Response_ Signal: PP074465.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 80989907
Conc: 21.12 ng/ml

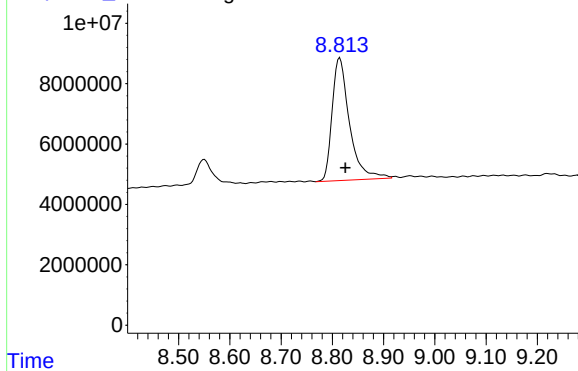
Response_ Signal: PP074465.D\ECD1A.ch



#2 Decachlorobiphenyl

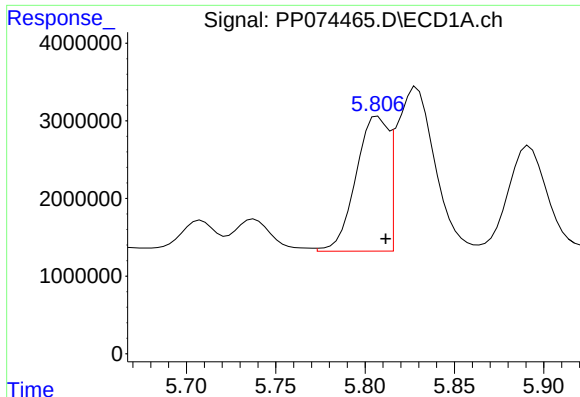
R.T.: 10.432 min
Delta R.T.: -0.006 min
Response: 18625822
Conc: 19.18 ng/ml

Time Response_ Signal: PP074465.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: -0.011 min
Response: 95648038
Conc: 15.91 ng/ml



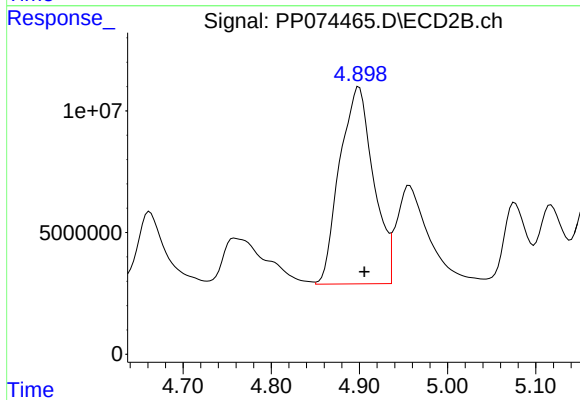
#3 AR-1016-1

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 21832747
Conc: 529.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

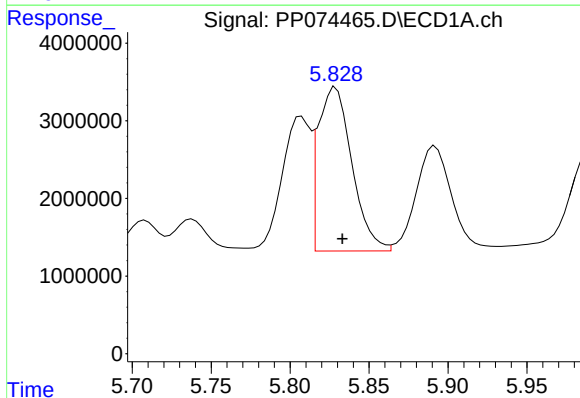
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



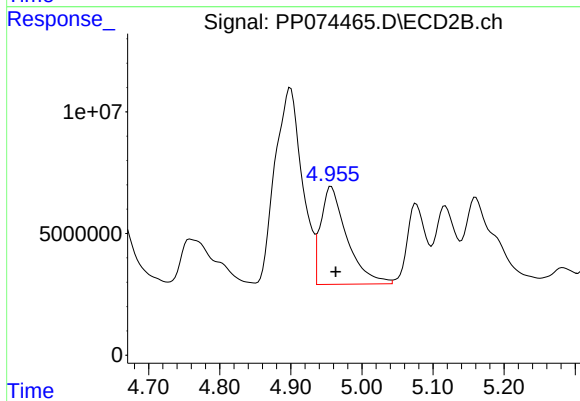
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 215311022
Conc: 539.78 ng/ml



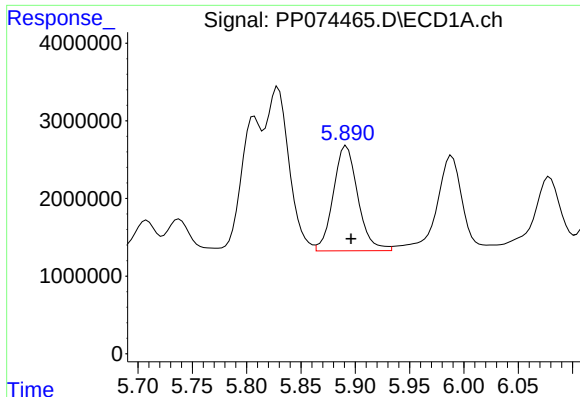
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 31508469
Conc: 518.73 ng/ml



#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 102993200
Conc: 548.39 ng/ml



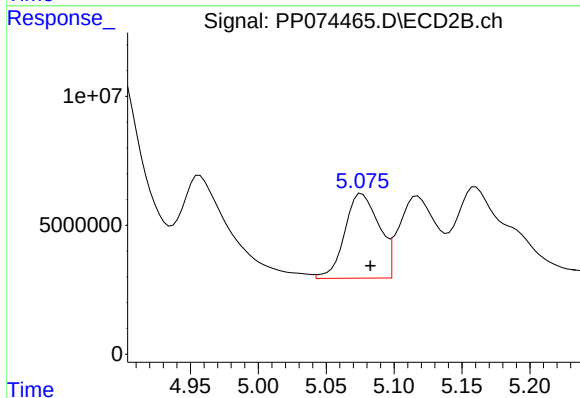
#5 AR-1016-3

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21313061
Conc: 537.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

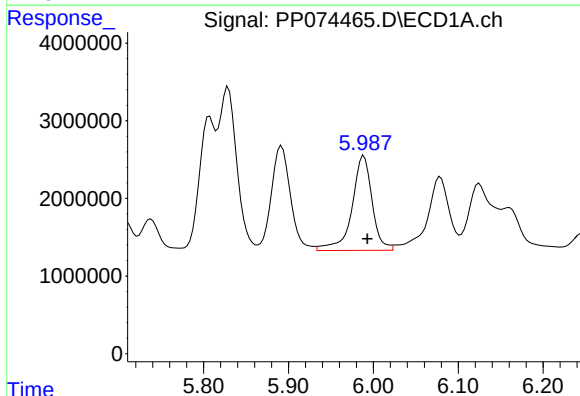
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



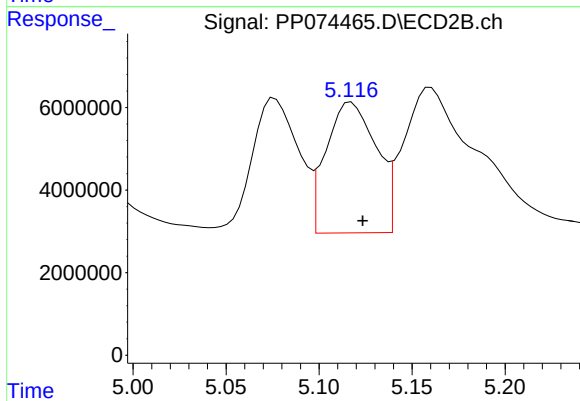
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 57471947
Conc: 541.83 ng/ml



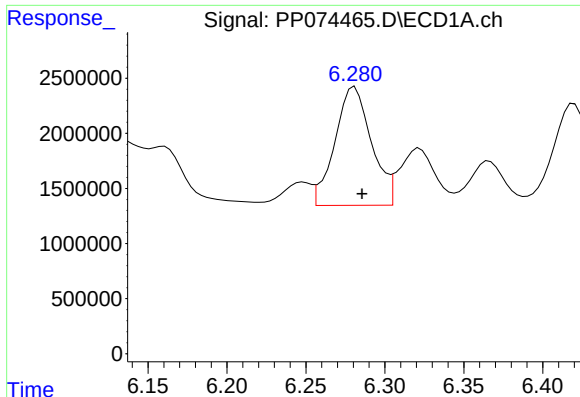
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 20132833
Conc: 618.63 ng/ml



#6 AR-1016-4

R.T.: 5.117 min
Delta R.T.: -0.006 min
Response: 59295029
Conc: 542.90 ng/ml



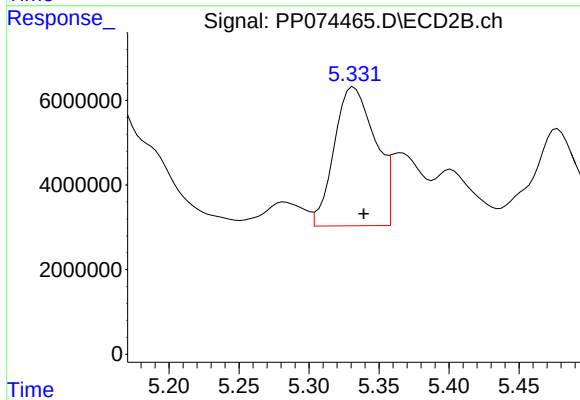
#7 AR-1016-5

R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 17384518
Conc: 535.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

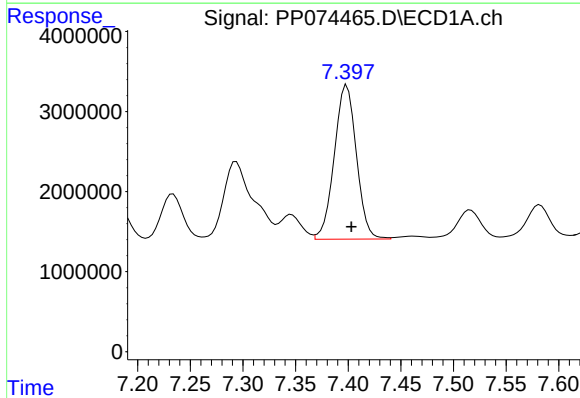
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



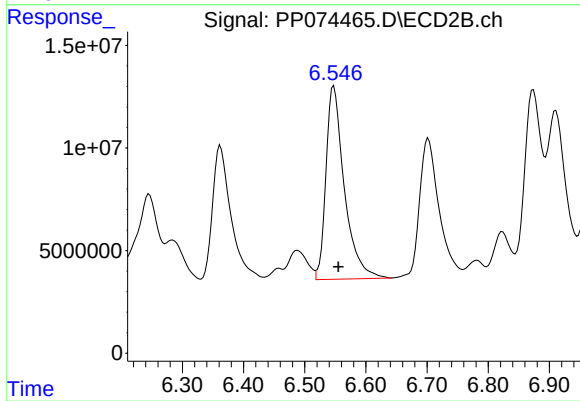
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 66636548
Conc: 569.72 ng/ml



#31 AR-1260-1

R.T.: 7.399 min
Delta R.T.: -0.005 min
Response: 28248780
Conc: 501.26 ng/ml

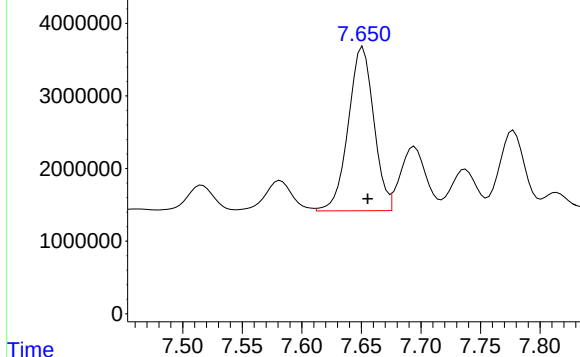


#31 AR-1260-1

R.T.: 6.548 min
Delta R.T.: -0.007 min
Response: 196276452
Conc: 485.88 ng/ml

Response_ Signal: PP074465.D\ECD1A.ch

#32 AR-1260-2



R.T.: 7.651 min
Delta R.T.: -0.004 min
Response: 33630673
Conc: 493.46 ng/ml

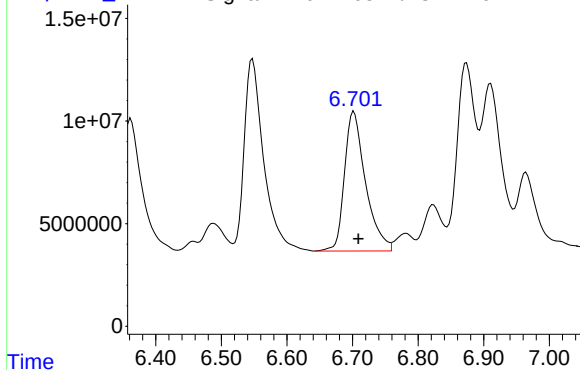
Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Time Response_ Signal: PP074465.D\ECD2B.ch

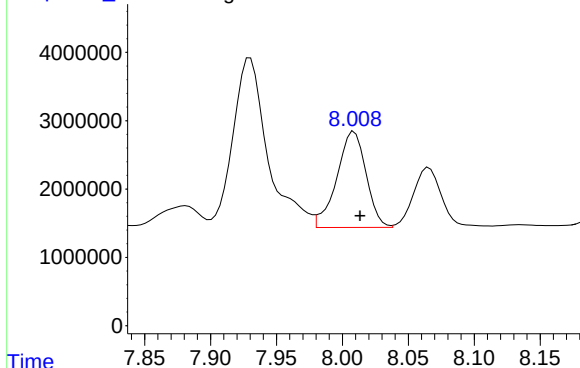
#32 AR-1260-2



R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 151876978
Conc: 485.70 ng/ml m

Time Response_ Signal: PP074465.D\ECD1A.ch

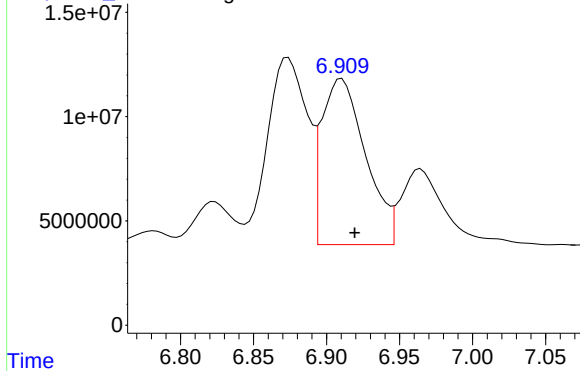
#33 AR-1260-3



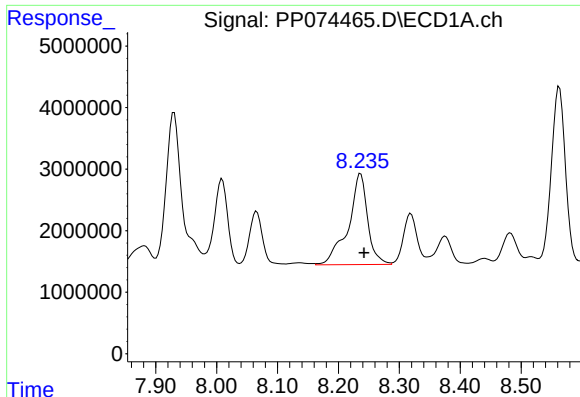
R.T.: 8.009 min
Delta R.T.: -0.004 min
Response: 21732914
Conc: 407.78 ng/ml

Time Response_ Signal: PP074465.D\ECD2B.ch

#33 AR-1260-3



R.T.: 6.910 min
Delta R.T.: -0.009 min
Response: 165918921
Conc: 420.99 ng/ml



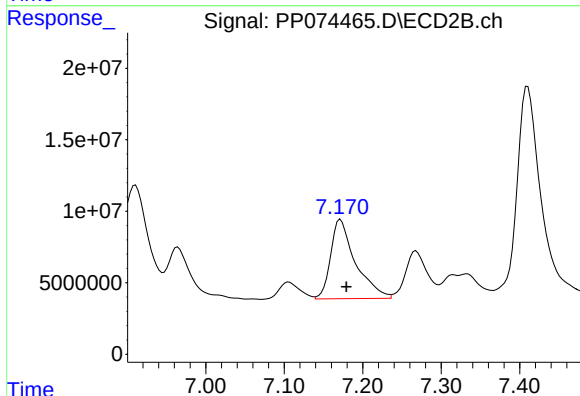
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: -0.005 min
Response: 32598486
Conc: 520.62 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

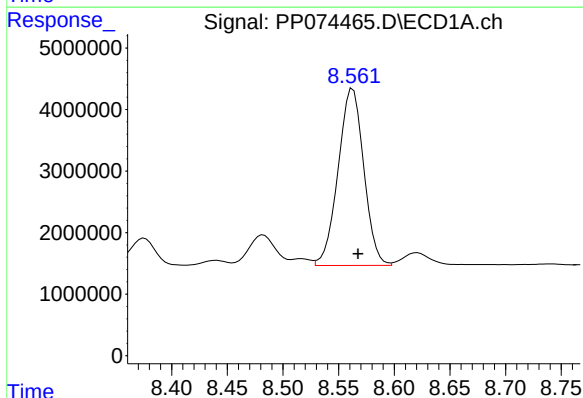
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



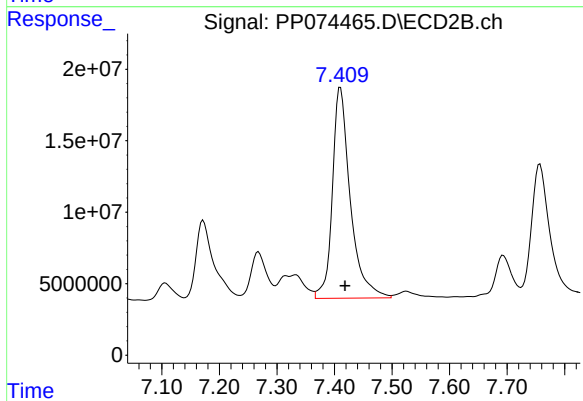
#34 AR-1260-4

R.T.: 7.172 min
Delta R.T.: -0.008 min
Response: 121762567
Conc: 418.46 ng/ml



#35 AR-1260-5

R.T.: 8.563 min
Delta R.T.: -0.005 min
Response: 46130195
Conc: 407.13 ng/ml



#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: -0.008 min
Response: 319620401
Conc: 421.99 ng/ml

Report of Analysis

Client:	Nobis Group	Date Collected:	08/15/25
Project:	Raymark Superfund Site	Date Received:	08/15/25
Client Sample ID:	PL-02-081525-MSD	SDG No.:	Q2879
Lab Sample ID:	Q2889-01MSD	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074466.D	1	08/18/25 08:05	08/18/25 18:34	PB169282

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	194		4.20	8.90	18.2	ug/kg
11104-28-2	Aroclor-1221	13.9	U	4.30	13.9	18.2	ug/kg
11141-16-5	Aroclor-1232	8.90	U	4.00	8.90	18.2	ug/kg
53469-21-9	Aroclor-1242	8.90	U	4.30	8.90	18.2	ug/kg
12672-29-6	Aroclor-1248	13.9	U	6.30	13.9	18.2	ug/kg
11097-69-1	Aroclor-1254	8.90	U	3.40	8.90	18.2	ug/kg
37324-23-5	Aroclor-1262	13.9	U	5.40	13.9	18.2	ug/kg
11100-14-4	Aroclor-1268	8.90	U	3.90	8.90	18.2	ug/kg
11096-82-5	Aroclor-1260	158		3.50	8.90	18.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.4		44 - 130		117%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 125		90%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 18:34
 Operator : YP\AJ
 Sample : Q2889-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PL-02-081525-MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/19/2025
 Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:15:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.800	26112704	81253016	23.350	21.190
2) SA Decachlor...	10.431	8.815	17494014	85625511	18.013	14.239
Target Compounds						
3) L1 AR-1016-1	5.807	4.900	21867152	207.9E6	530.025	521.322
4) L1 AR-1016-2	5.828	4.957	32001260	98667862	526.841	525.363
5) L1 AR-1016-3	5.892	5.077	21441502	53649817	540.626	505.798
6) L1 AR-1016-4	5.988	5.118	19539263	54530145	600.387	499.269
7) L1 AR-1016-5	6.281	5.332	17050203	61369081	525.138	524.687
31) L7 AR-1260-1	7.398	6.548	26792978	188.9E6	475.423	467.678
32) L7 AR-1260-2	7.650	6.701	31575214	148.4E6	463.303	474.474m
33) L7 AR-1260-3	8.008	6.912	20776881	156.5E6	389.840	397.185
34) L7 AR-1260-4	8.236	7.172	31001224	115.9E6	495.109	398.273
35) L7 AR-1260-5	8.561	7.411	44650054	299.8E6	394.070	395.852

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:34
Operator : YP\AJ
Sample : Q2889-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :

ECD_P

ClientSampleId :

PL-02-081525-MSD

Manual Integrations

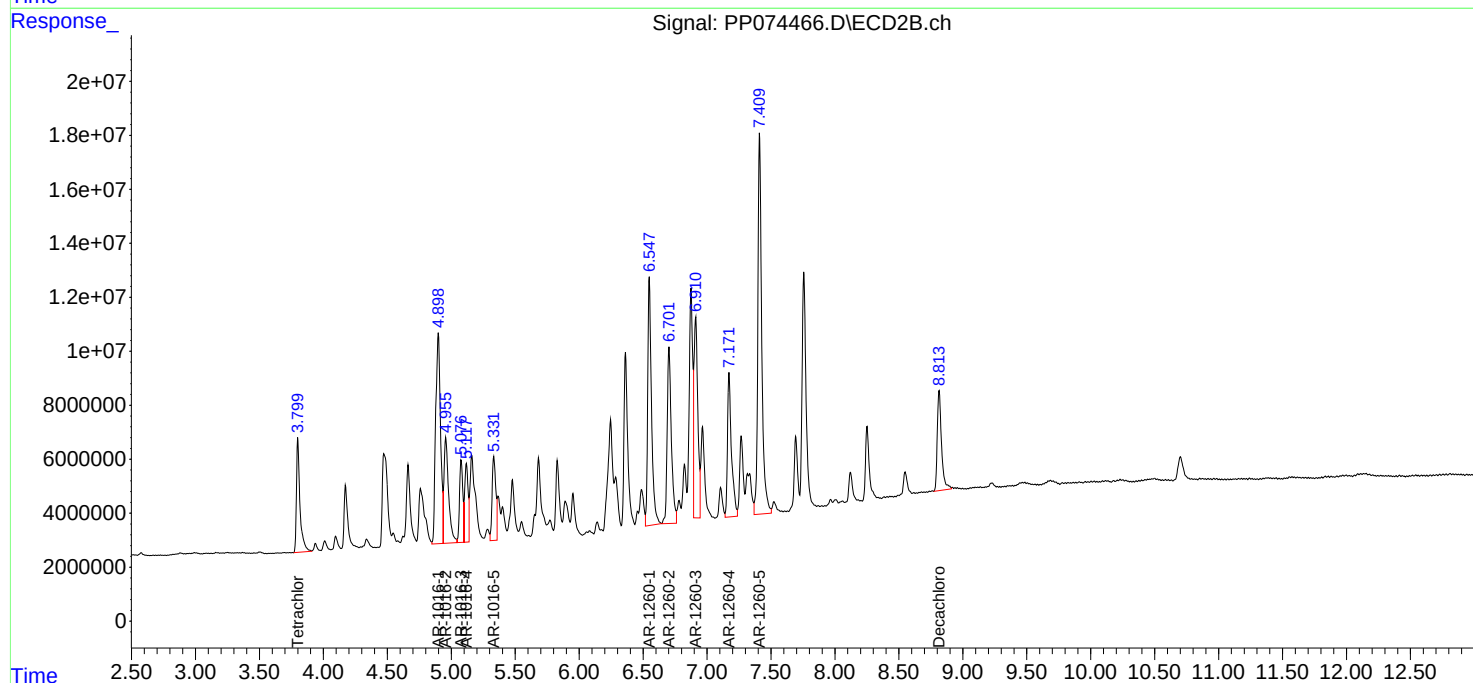
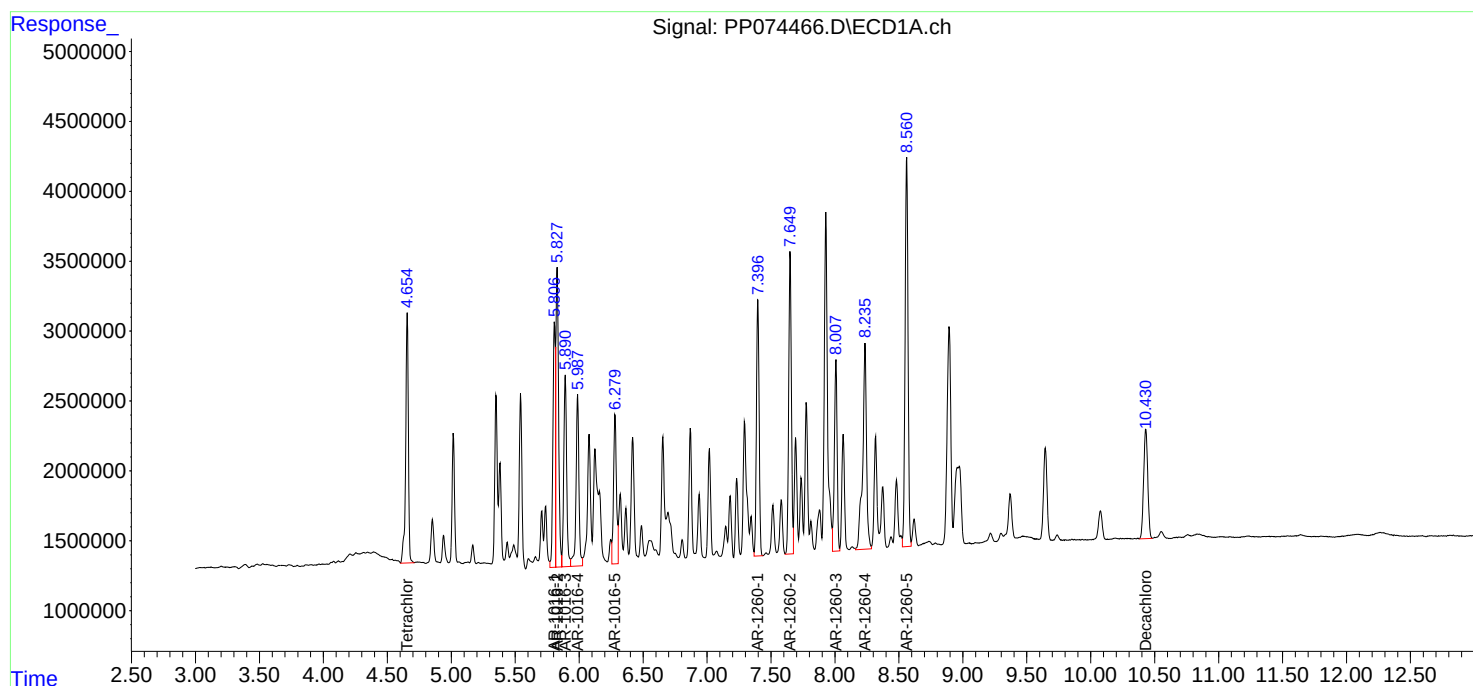
APPROVED

Reviewed By :Yogesh Patel 08/19/2025

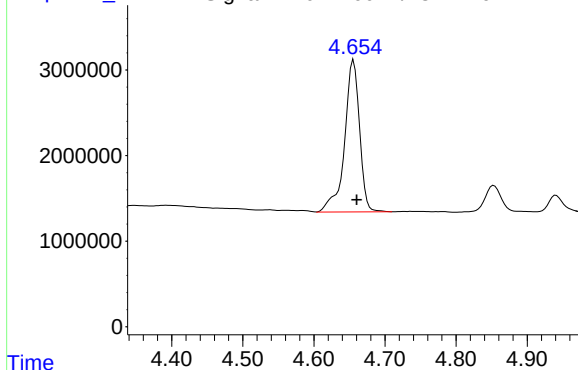
Supervised By :mohammad ahmed 08/20/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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



Response_ Signal: PP074466.D\ECD1A.ch



#1 Tetrachloro-m-xylene

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 26112704
Conc: 23.35 ng/ml

Instrument :

ECD_P

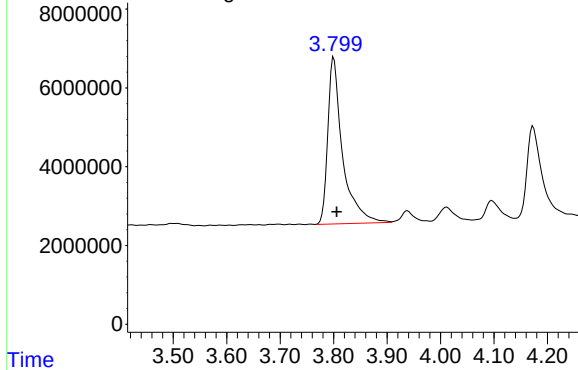
ClientSampleId :

PL-02-081525-MSD

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

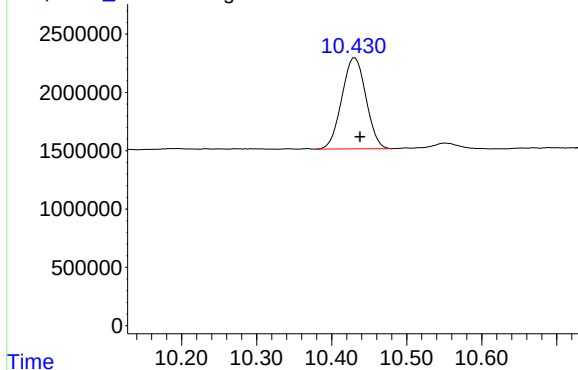
Time Response_ Signal: PP074466.D\ECD2B.ch



#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 81253016
Conc: 21.19 ng/ml

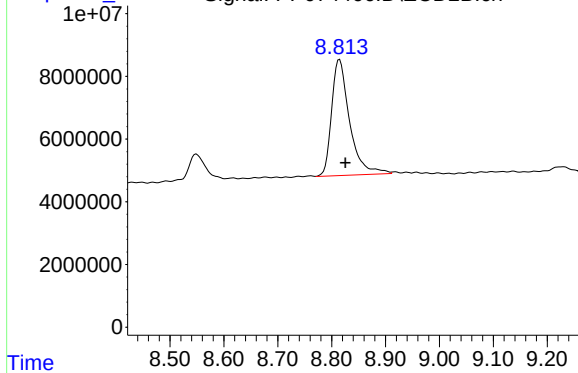
Time Response_ Signal: PP074466.D\ECD1A.ch



#2 Decachlorobiphenyl

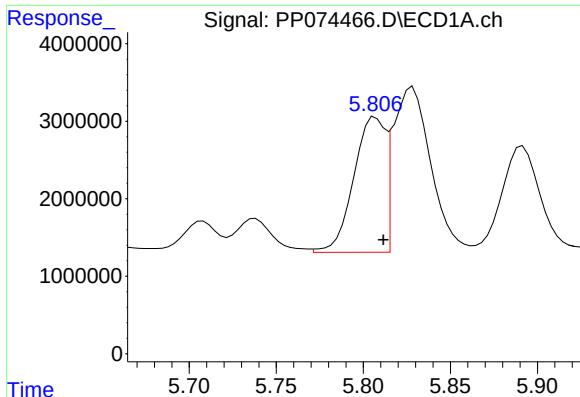
R.T.: 10.431 min
Delta R.T.: -0.007 min
Response: 17494014
Conc: 18.01 ng/ml

Time Response_ Signal: PP074466.D\ECD2B.ch



#2 Decachlorobiphenyl

R.T.: 8.815 min
Delta R.T.: -0.011 min
Response: 85625511
Conc: 14.24 ng/ml



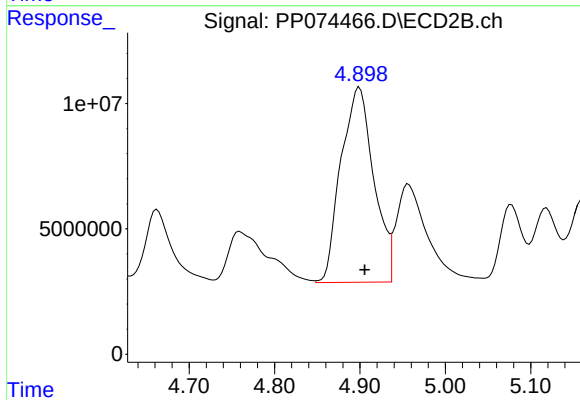
#3 AR-1016-1

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 21867152
Conc: 530.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

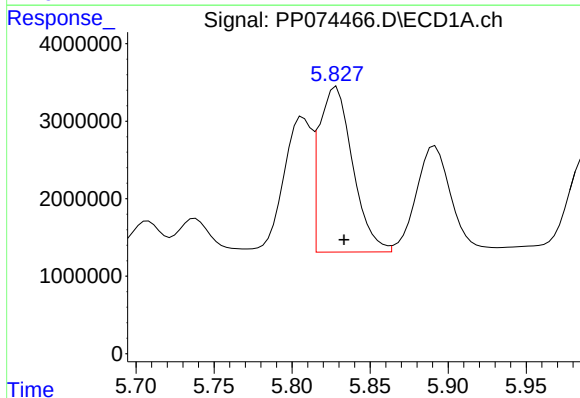
Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



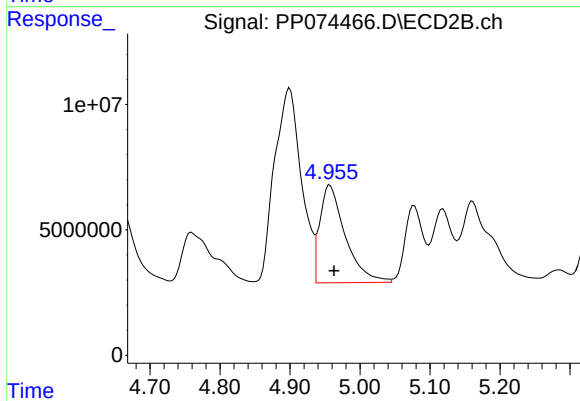
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 207948928
Conc: 521.32 ng/ml



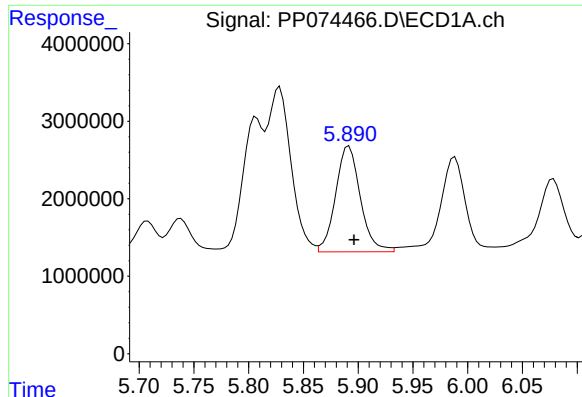
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 32001260
Conc: 526.84 ng/ml



#4 AR-1016-2

R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 98667862
Conc: 525.36 ng/ml



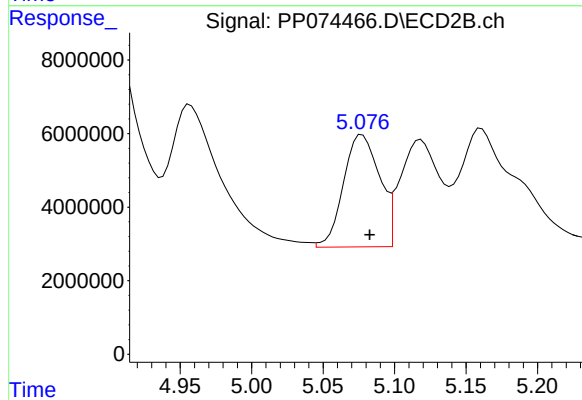
#5 AR-1016-3

R.T.: 5.892 min
Delta R.T.: -0.005 min
Response: 21441502
Conc: 540.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

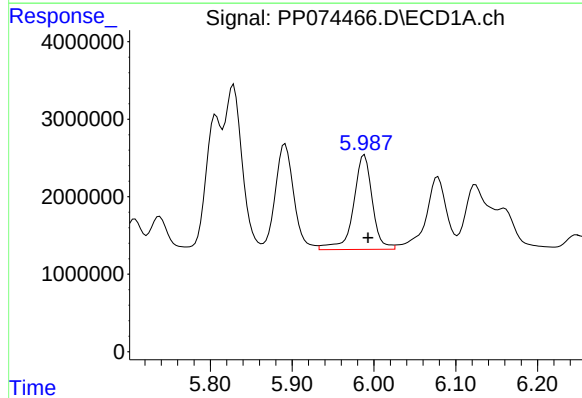
Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



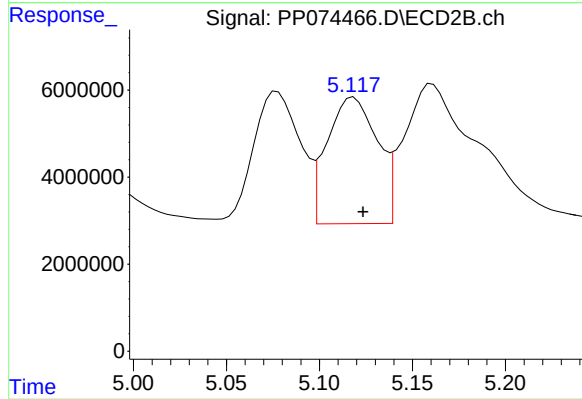
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 53649817
Conc: 505.80 ng/ml



#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 19539263
Conc: 600.39 ng/ml

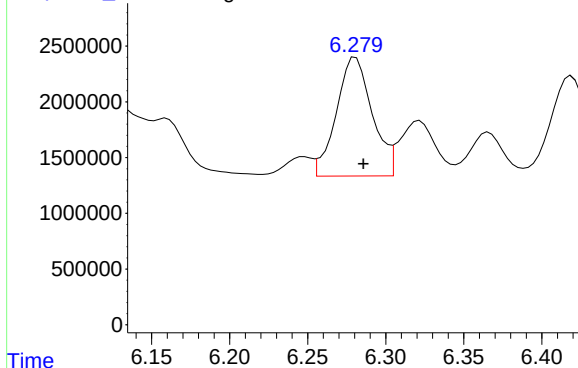


#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: -0.005 min
Response: 54530145
Conc: 499.27 ng/ml

Response_ Signal: PP074466.D\ECD1A.ch

#7 AR-1016-5



R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 17050203
Conc: 525.14 ng/ml

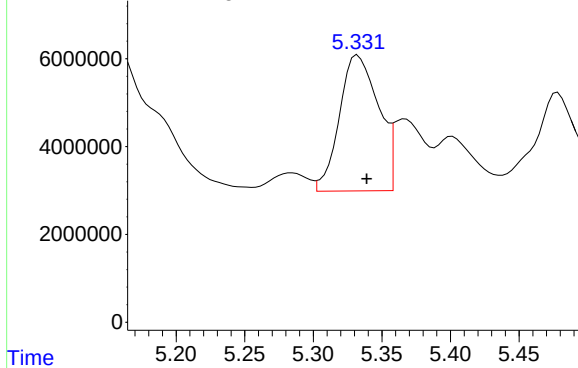
Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

Time Response_ Signal: PP074466.D\ECD2B.ch

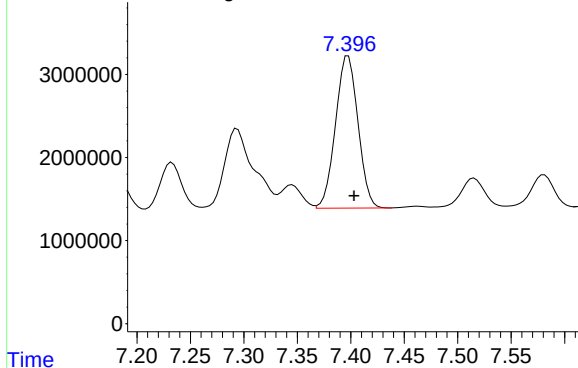
#7 AR-1016-5



R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 61369081
Conc: 524.69 ng/ml

Time Response_ Signal: PP074466.D\ECD1A.ch

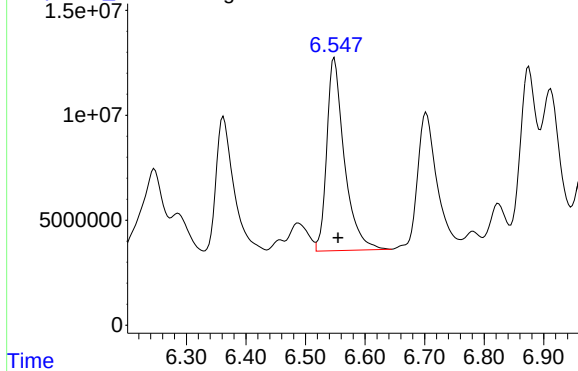
#31 AR-1260-1



R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 26792978
Conc: 475.42 ng/ml

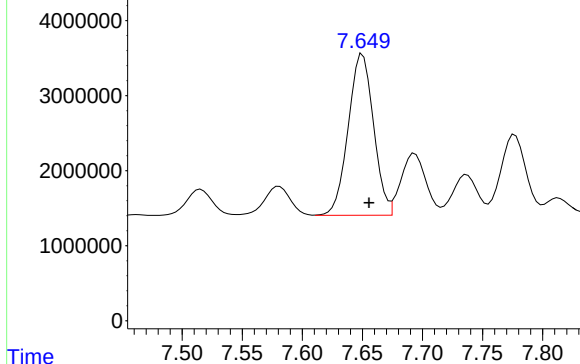
Time Response_ Signal: PP074466.D\ECD2B.ch

#31 AR-1260-1



R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 188921958
Conc: 467.68 ng/ml

Response_ Signal: PP074466.D\ECD1A.ch



#32 AR-1260-2

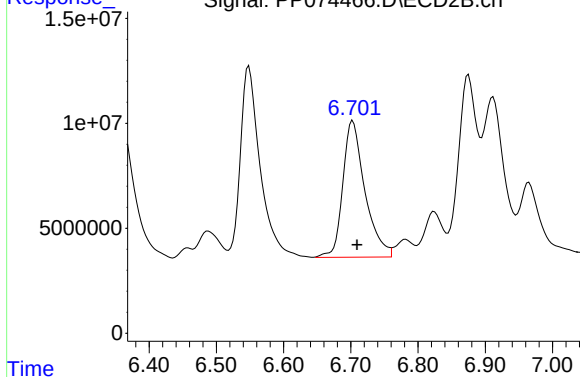
R.T.: 7.650 min
Delta R.T.: -0.005 min
Response: 31575214
Conc: 463.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

Manual Integrations
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Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025

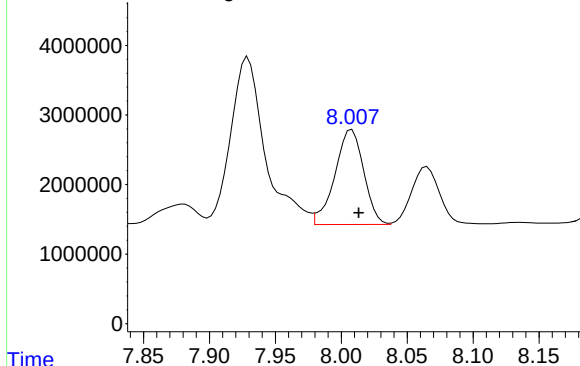
Time Response_ Signal: PP074466.D\ECD2B.ch



#32 AR-1260-2

R.T.: 6.701 min
Delta R.T.: -0.008 min
Response: 148367613
Conc: 474.47 ng/ml m

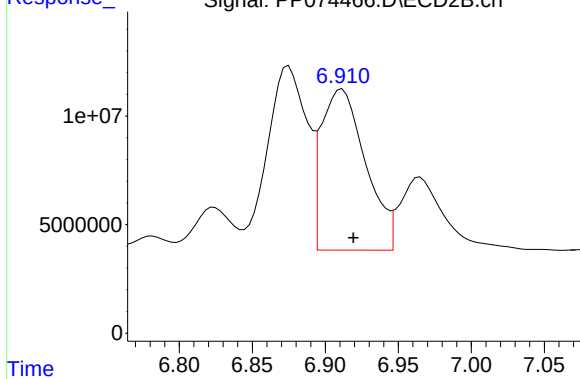
Response_ Signal: PP074466.D\ECD1A.ch



#33 AR-1260-3

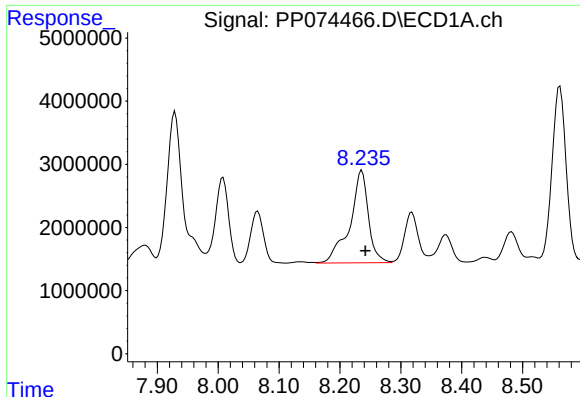
R.T.: 8.008 min
Delta R.T.: -0.005 min
Response: 20776881
Conc: 389.84 ng/ml

Time Response_ Signal: PP074466.D\ECD2B.ch



#33 AR-1260-3

R.T.: 6.912 min
Delta R.T.: -0.008 min
Response: 156537735
Conc: 397.18 ng/ml



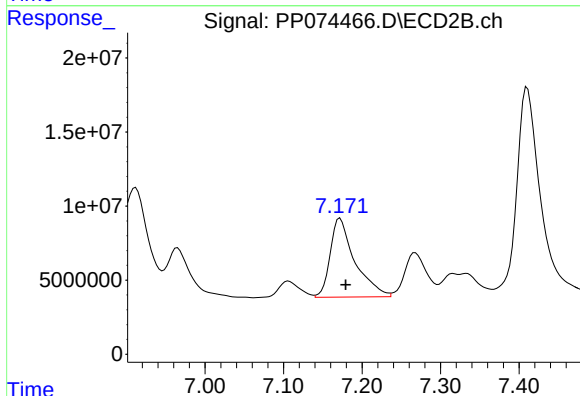
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: -0.006 min
Response: 31001224
Conc: 495.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

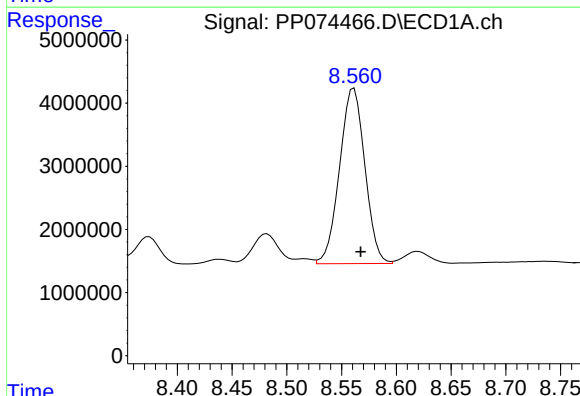
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/19/2025
Supervised By :mohammad ahmed 08/20/2025



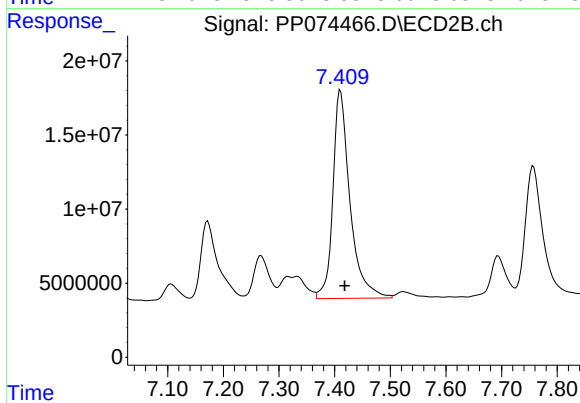
#34 AR-1260-4

R.T.: 7.172 min
Delta R.T.: -0.007 min
Response: 115889143
Conc: 398.27 ng/ml



#35 AR-1260-5

R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 44650054
Conc: 394.07 ng/ml



#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 299822106
Conc: 395.85 ng/ml

Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660ICC250	PP074171.D	AR-1016-5	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-1	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC250	PP074171.D	AR-1260-2	yogesh	8/5/2025 7:23:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-2 #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	AR-1260-4	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1660ICC050	PP074172.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:19 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1232ICC500	PP074174.D	AR-1232-4 #2	yogesh	8/5/2025 7:22:20 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC1000	PP074175.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:22 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC750	PP074176.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:24 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC500	PP074177.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:27 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC250	PP074178.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242ICC250	PP074178.D	AR-1242-5	yogesh	8/5/2025 7:22:29 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	AR-1242-5	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICC050	PP074179.D	Tetrachloro-m-xylene #2	yogesh	8/5/2025 7:22:32 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICC500	PP074182.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:38 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-1	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC1000	PP074185.D	AR-1254-5 #2	yogesh	8/5/2025 7:22:44 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC750	PP074186.D	AR-1254-1	yogesh	8/5/2025 7:22:45 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC500	PP074187.D	AR-1254-1	yogesh	8/5/2025 7:22:47 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC250	PP074188.D	AR-1254-1	yogesh	8/5/2025 7:22:49 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1254ICC050	PP074189.D	AR-1254-1	yogesh	8/5/2025 7:22:51 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1242ICV500	PP074197.D	AR-1242-4 #2	yogesh	8/5/2025 7:22:52 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software
AR1248ICV500	PP074198.D	AR-1248-3 #2	yogesh	8/5/2025 7:22:54 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

Manual Integration Report

Sequence:	PP080125	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1254ICV500	PP074199.D	AR-1254-1	yogesh	8/8/2025 7:32:21 AM	mohammad	8/8/2025 7:37:53	Peak Integrated by Software

Manual Integration Report

Sequence:	PP081825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1242CCC500	PP074440.D	AR-1242-4 #2	yogesh	8/19/2025 7:27:07 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1254CCC500	PP074441.D	AR-1254-1	yogesh	8/19/2025 7:27:09 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1254CCC500	PP074441.D	AR-1254-3 #2	yogesh	8/19/2025 7:27:09 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1254CCC500	PP074441.D	AR-1254-5 #2	yogesh	8/19/2025 7:27:09 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
PB169282BS	PP074447.D	AR-1260-4	yogesh	8/19/2025 7:27:15 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1660CCC500	PP074453.D	AR-1260-2 #2	yogesh	8/19/2025 11:23:38 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1242CCC500	PP074454.D	AR-1242-4 #2	yogesh	8/19/2025 7:27:17 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1254CCC500	PP074455.D	AR-1254-1	yogesh	8/19/2025 7:27:19 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
Q2889-01MS	PP074465.D	AR-1260-2 #2	yogesh	8/19/2025 11:23:40 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
Q2889-01MSD	PP074466.D	AR-1260-2 #2	yogesh	8/19/2025 11:23:56 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1660CCC500	PP074467.D	AR-1260-2 #2	yogesh	8/19/2025 11:23:58 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1242CCC500	PP074468.D	AR-1242-4 #2	yogesh	8/19/2025 7:27:24 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1254CCC500	PP074469.D	AR-1254-1	yogesh	8/19/2025 7:27:26 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software

Manual Integration Report

Sequence:	PP081825	Instrument	ECD_p

Sample ID	File ID	Parameter	Review By	Review On	Supervised By	Supervised On	Reason
AR1660CCC500	PP074481.D	AR-1260-2 #2	yogesh	8/19/2025 11:24:05 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1242CCC500	PP074482.D	AR-1242-4 #2	yogesh	8/19/2025 7:27:38 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software
AR1254CCC500	PP074483.D	AR-1254-1	yogesh	8/19/2025 7:27:40 AM	mohammad	8/20/2025 3:04:56	Peak Integrated by Software

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM
SubDirectory	PP080125	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074166.D	01 Aug 2025 11:33	YP\AJ	Ok
2	I.BLK	PP074167.D	01 Aug 2025 11:49	YP\AJ	Ok
3	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05	YP\AJ	Ok
4	AR1660ICC750	PP074169.D	01 Aug 2025 12:22	YP\AJ	Ok
5	AR1660ICC500	PP074170.D	01 Aug 2025 12:38	YP\AJ	Ok
6	AR1660ICC250	PP074171.D	01 Aug 2025 12:54	YP\AJ	Ok,M
7	AR1660ICC050	PP074172.D	01 Aug 2025 13:42	YP\AJ	Ok,M
8	AR1221ICC500	PP074173.D	01 Aug 2025 13:58	YP\AJ	Ok
9	AR1232ICC500	PP074174.D	01 Aug 2025 14:15	YP\AJ	Ok,M
10	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31	YP\AJ	Ok,M
11	AR1242ICC750	PP074176.D	01 Aug 2025 14:47	YP\AJ	Ok,M
12	AR1242ICC500	PP074177.D	01 Aug 2025 15:03	YP\AJ	Ok,M
13	AR1242ICC250	PP074178.D	01 Aug 2025 15:19	YP\AJ	Ok,M
14	AR1242ICC050	PP074179.D	01 Aug 2025 15:36	YP\AJ	Ok,M
15	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	YP\AJ	Not Ok
16	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	YP\AJ	Not Ok
17	AR1248ICC500	PP074182.D	01 Aug 2025 16:57	YP\AJ	Ok,M
18	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	YP\AJ	Not Ok
19	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	YP\AJ	Not Ok
20	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02	YP\AJ	Ok,M
21	AR1254ICC750	PP074186.D	01 Aug 2025 18:18	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM
SubDirectory	PP080125	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	AR1254ICC500	PP074187.D	01 Aug 2025 18:34	YP\AJ	Ok,M
23	AR1254ICC250	PP074188.D	01 Aug 2025 18:50	YP\AJ	Ok,M
24	AR1254ICC050	PP074189.D	01 Aug 2025 19:23	YP\AJ	Ok,M
25	AR1262ICC500	PP074190.D	01 Aug 2025 19:39	YP\AJ	Ok
26	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	YP\AJ	Not Ok
27	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	YP\AJ	Not Ok
28	AR1268ICC500	PP074193.D	01 Aug 2025 20:28	YP\AJ	Ok
29	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	YP\AJ	Not Ok
30	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	YP\AJ	Not Ok
31	PP080125ICV500	PP074196.D	01 Aug 2025 21:16	YP\AJ	Ok
32	AR1242ICV500	PP074197.D	01 Aug 2025 22:05	YP\AJ	Ok,M
33	AR1248ICV500	PP074198.D	01 Aug 2025 22:37	YP\AJ	Not Ok
34	AR1254ICV500	PP074199.D	01 Aug 2025 23:10	YP\AJ	Ok,M
35	AR1268ICV500	PP074200.D	01 Aug 2025 23:42	YP\AJ	Not Ok
36	DDT ANALOG	PP074201.D	02 Aug 2025 00:15	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081825

Review By	yogesh	Review On	8/18/2025 10:24:46 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:04:56 AM
SubDirectory	PP081825	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

Sr#	Sampleld	Data File Name	Date-Time	Operator	Status
1	HEXANE	PP074438.D	18 Aug 2025 08:31	YP\AJ	Ok
2	AR1660CCC500	PP074439.D	18 Aug 2025 08:47	YP\AJ	Ok
3	AR1242CCC500	PP074440.D	18 Aug 2025 09:07	YP\AJ	Ok,M
4	AR1254CCC500	PP074441.D	18 Aug 2025 09:24	YP\AJ	Ok,M
5	I.BLK	PP074442.D	18 Aug 2025 09:40	YP\AJ	Ok
6	DDT ANALOG	PP074443.D	18 Aug 2025 09:56	YP\AJ	Ok
7	Q2840-03	PP074444.D	18 Aug 2025 10:12	YP\AJ	Ok,M
8	Q2874-01	PP074445.D	18 Aug 2025 10:29	YP\AJ	Ok,M
9	PB169282BL	PP074446.D	18 Aug 2025 12:04	YP\AJ	Ok
10	PB169282BS	PP074447.D	18 Aug 2025 12:20	YP\AJ	Ok,M
11	Q2883-01	PP074448.D	18 Aug 2025 12:36	YP\AJ	Ok
12	Q2879-01	PP074449.D	18 Aug 2025 12:52	YP\AJ	Ok
13	Q2879-03	PP074450.D	18 Aug 2025 13:09	YP\AJ	Ok
14	Q2879-05	PP074451.D	18 Aug 2025 13:25	YP\AJ	Ok
15	Q2879-07	PP074452.D	18 Aug 2025 13:41	YP\AJ	Ok
16	AR1660CCC500	PP074453.D	18 Aug 2025 14:46	YP\AJ	Ok,M
17	AR1242CCC500	PP074454.D	18 Aug 2025 15:19	YP\AJ	Ok,M
18	AR1254CCC500	PP074455.D	18 Aug 2025 15:35	YP\AJ	Ok,M
19	I.BLK	PP074456.D	18 Aug 2025 15:51	YP\AJ	Ok
20	Q2879-09	PP074457.D	18 Aug 2025 16:08	YP\AJ	Ok
21	Q2879-11	PP074458.D	18 Aug 2025 16:24	YP\AJ	Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QCBatch ID # PP081825

Review By	yogesh	Review On	8/18/2025 10:24:46 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:04:56 AM
SubDirectory	PP081825	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

22	Q2879-13	PP074459.D	18 Aug 2025 16:40	YP\AJ	Ok
23	Q2879-15	PP074460.D	18 Aug 2025 16:56	YP\AJ	Ok
24	Q2879-17	PP074461.D	18 Aug 2025 17:13	YP\AJ	Ok
25	Q2884-03	PP074462.D	18 Aug 2025 17:29	YP\AJ	Ok,M
26	Q2888-01	PP074463.D	18 Aug 2025 17:45	YP\AJ	Ok
27	Q2889-01	PP074464.D	18 Aug 2025 18:01	YP\AJ	Ok
28	Q2889-01MS	PP074465.D	18 Aug 2025 18:18	YP\AJ	Ok,M
29	Q2889-01MSD	PP074466.D	18 Aug 2025 18:34	YP\AJ	Ok,M
30	AR1660CCC500	PP074467.D	18 Aug 2025 19:39	YP\AJ	Ok,M
31	AR1242CCC500	PP074468.D	18 Aug 2025 20:11	YP\AJ	Ok,M
32	AR1254CCC500	PP074469.D	18 Aug 2025 20:28	YP\AJ	Ok,M
33	I.BLK	PP074470.D	18 Aug 2025 20:44	YP\AJ	Ok
34	Q2884-01	PP074471.D	18 Aug 2025 21:00	YP\AJ	Ok
35	PB169288BL	PP074472.D	18 Aug 2025 21:32	YP\AJ	Ok
36	PB169288BS	PP074473.D	18 Aug 2025 21:49	YP\AJ	Ok,M
37	PB169288BSD	PP074474.D	18 Aug 2025 22:05	YP\AJ	Ok,M
38	Q2867-01	PP074475.D	18 Aug 2025 22:21	YP\AJ	Ok,M
39	Q2867-02	PP074476.D	18 Aug 2025 22:37	YP\AJ	Ok
40	Q2874-04	PP074477.D	18 Aug 2025 22:54	YP\AJ	Ok,M
41	Q2890-01	PP074478.D	18 Aug 2025 23:10	YP\AJ	Ok,M
42	Q2890-02	PP074479.D	18 Aug 2025 23:26	YP\AJ	Ok,M
43	Q2890-03	PP074480.D	18 Aug 2025 23:42	YP\AJ	Ok,M
44	AR1660CCC500	PP074481.D	19 Aug 2025 00:47	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081825

Review By	yogesh	Review On	8/18/2025 10:24:46 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:04:56 AM
SubDirectory	PP081825	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP2		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

45	AR1242CCC500	PP074482.D	19 Aug 2025 01:36	YP\AJ	Ok,M
46	AR1254CCC500	PP074483.D	19 Aug 2025 01:52	YP\AJ	Ok,M
47	I.BLK	PP074484.D	19 Aug 2025 02:08	YP\AJ	Ok
48	Q2890-04	PP074485.D	19 Aug 2025 02:24	YP\AJ	Ok,M
49	Q2865-03	PP074486.D	19 Aug 2025 02:41	YP\AJ	Not Ok
50	AR1660CCC500	PP074487.D	19 Aug 2025 03:46	YP\AJ	Ok
51	I.BLK	PP074488.D	19 Aug 2025 04:18	YP\AJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM
SubDirectory	PP080125	HP Acquire Method	HP Processing Method PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074166.D	01 Aug 2025 11:33		YP\AJ	Ok
2	I.BLK	I.BLK	PP074167.D	01 Aug 2025 11:49		YP\AJ	Ok
3	AR1660ICC1000	AR1660ICC1000	PP074168.D	01 Aug 2025 12:05		YP\AJ	Ok
4	AR1660ICC750	AR1660ICC750	PP074169.D	01 Aug 2025 12:22		YP\AJ	Ok
5	AR1660ICC500	AR1660ICC500	PP074170.D	01 Aug 2025 12:38		YP\AJ	Ok
6	AR1660ICC250	AR1660ICC250	PP074171.D	01 Aug 2025 12:54		YP\AJ	Ok,M
7	AR1660ICC050	AR1660ICC050	PP074172.D	01 Aug 2025 13:42		YP\AJ	Ok,M
8	AR1221ICC500	AR1221ICC500	PP074173.D	01 Aug 2025 13:58		YP\AJ	Ok
9	AR1232ICC500	AR1232ICC500	PP074174.D	01 Aug 2025 14:15		YP\AJ	Ok,M
10	AR1242ICC1000	AR1242ICC1000	PP074175.D	01 Aug 2025 14:31		YP\AJ	Ok,M
11	AR1242ICC750	AR1242ICC750	PP074176.D	01 Aug 2025 14:47		YP\AJ	Ok,M
12	AR1242ICC500	AR1242ICC500	PP074177.D	01 Aug 2025 15:03		YP\AJ	Ok,M
13	AR1242ICC250	AR1242ICC250	PP074178.D	01 Aug 2025 15:19		YP\AJ	Ok,M
14	AR1242ICC050	AR1242ICC050	PP074179.D	01 Aug 2025 15:36		YP\AJ	Ok,M
15	AR1248ICC1000	AR1248ICC1000	PP074180.D	01 Aug 2025 16:24	Not Use	YP\AJ	Not Ok
16	AR1248ICC750	AR1248ICC750	PP074181.D	01 Aug 2025 16:41	Not Use	YP\AJ	Not Ok
17	AR1248ICC500	AR1248ICC500	PP074182.D	01 Aug 2025 16:57		YP\AJ	Ok,M
18	AR1248ICC250	AR1248ICC250	PP074183.D	01 Aug 2025 17:13	Not Use	YP\AJ	Not Ok

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP080125

Review By	yogesh	Review On	8/1/2025 3:30:36 PM
Supervise By	mohammad	Supervise On	8/8/2025 7:37:53 AM
SubDirectory	PP080125	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	AR1248ICC050	AR1248ICC050	PP074184.D	01 Aug 2025 17:45	Not Use	YPIAJ	Not Ok
20	AR1254ICC1000	AR1254ICC1000	PP074185.D	01 Aug 2025 18:02		YPIAJ	Ok,M
21	AR1254ICC750	AR1254ICC750	PP074186.D	01 Aug 2025 18:18		YPIAJ	Ok,M
22	AR1254ICC500	AR1254ICC500	PP074187.D	01 Aug 2025 18:34		YPIAJ	Ok,M
23	AR1254ICC250	AR1254ICC250	PP074188.D	01 Aug 2025 18:50		YPIAJ	Ok,M
24	AR1254ICC050	AR1254ICC050	PP074189.D	01 Aug 2025 19:23		YPIAJ	Ok,M
25	AR1262ICC500	AR1262ICC500	PP074190.D	01 Aug 2025 19:39		YPIAJ	Ok
26	AR1268ICC1000	AR1268ICC1000	PP074191.D	01 Aug 2025 19:55	Not Use	YPIAJ	Not Ok
27	AR1268ICC750	AR1268ICC750	PP074192.D	01 Aug 2025 20:11	Not Use	YPIAJ	Not Ok
28	AR1268ICC500	AR1268ICC500	PP074193.D	01 Aug 2025 20:28		YPIAJ	Ok
29	AR1268ICC250	AR1268ICC250	PP074194.D	01 Aug 2025 20:44	Not Use	YPIAJ	Not Ok
30	AR1268ICC050	AR1268ICC050	PP074195.D	01 Aug 2025 21:00	Not Use	YPIAJ	Not Ok
31	PP080125ICV500	ICVPP080125	PP074196.D	01 Aug 2025 21:16		YPIAJ	Ok
32	AR1242ICV500	ICVPP080125AR1242	PP074197.D	01 Aug 2025 22:05		YPIAJ	Ok,M
33	AR1248ICV500	ICVPP080125AR1248	PP074198.D	01 Aug 2025 22:37	Not Use	YPIAJ	Not Ok
34	AR1254ICV500	ICVPP080125AR1254	PP074199.D	01 Aug 2025 23:10		YPIAJ	Ok,M
35	AR1268ICV500	ICVPP080125AR1268	PP074200.D	01 Aug 2025 23:42	Not Use	YPIAJ	Not Ok
36	DDT ANALOG	DDT ANALOG	PP074201.D	02 Aug 2025 00:15		YPIAJ	Ok

M : Manual Integration

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081825

Review By	yogesh	Review On	8/18/2025 10:24:46 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:04:56 AM
SubDirectory	PP081825	HP Acquire Method	HP Processing Method PP080125

STD. NAME	STD REF.#
Tune/Reschk	
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369
CCC	PP24332,PP24347,PP24352,PP24357
Internal Standard/PEM	
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387
Surrogate Standard	
MS/MSD Standard	
LCS Standard	

Sr#	SampleId	ClientID	Data File Name	Date-Time	Comment	Operator	Status
1	HEXANE	HEXANE	PP074438.D	18 Aug 2025 08:31		YP\AJ	Ok
2	AR1660CCC500	AR1660CCC500	PP074439.D	18 Aug 2025 08:47		YP\AJ	Ok
3	AR1242CCC500	AR1242CCC500	PP074440.D	18 Aug 2025 09:07		YP\AJ	Ok,M
4	AR1254CCC500	AR1254CCC500	PP074441.D	18 Aug 2025 09:24		YP\AJ	Ok,M
5	I.BLK	I.BLK	PP074442.D	18 Aug 2025 09:40		YP\AJ	Ok
6	DDT ANALOG	DDT ANALOG	PP074443.D	18 Aug 2025 09:56		YP\AJ	Ok
7	Q2840-03	0804-E	PP074444.D	18 Aug 2025 10:12		YP\AJ	Ok,M
8	Q2874-01	COMP-1	PP074445.D	18 Aug 2025 10:29		YP\AJ	Ok,M
9	PB169282BL	PB169282BL	PP074446.D	18 Aug 2025 12:04		YP\AJ	Ok
10	PB169282BS	PB169282BS	PP074447.D	18 Aug 2025 12:20		YP\AJ	Ok,M
11	Q2883-01	RBR2520553	PP074448.D	18 Aug 2025 12:36		YP\AJ	Ok
12	Q2879-01	OU4-TS-GRILLO-TSCF	PP074449.D	18 Aug 2025 12:52		YP\AJ	Ok
13	Q2879-03	OU4-TS-GRILLO-TSCF	PP074450.D	18 Aug 2025 13:09		YP\AJ	Ok
14	Q2879-05	OU4-TS-GRILLO-TSCF	PP074451.D	18 Aug 2025 13:25		YP\AJ	Ok
15	Q2879-07	OU4-TS-GRILLO-TSCF	PP074452.D	18 Aug 2025 13:41		YP\AJ	Ok
16	AR1660CCC500	AR1660CCC500	PP074453.D	18 Aug 2025 14:46	TCMX high in sec column	YP\AJ	Ok,M
17	AR1242CCC500	AR1242CCC500	PP074454.D	18 Aug 2025 15:19		YP\AJ	Ok,M
18	AR1254CCC500	AR1254CCC500	PP074455.D	18 Aug 2025 15:35	TCMX high in sec column	YP\AJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081825

Review By	yogesh	Review On	8/18/2025 10:24:46 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:04:56 AM
SubDirectory	PP081825	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

19	I.BLK	I.BLK	PP074456.D	18 Aug 2025 15:51		YPIAJ	Ok
20	Q2879-09	OU4-TS-GRILLO-TSCF	PP074457.D	18 Aug 2025 16:08		YPIAJ	Ok
21	Q2879-11	OU4-TS-GRILLO-TSCF	PP074458.D	18 Aug 2025 16:24		YPIAJ	Ok
22	Q2879-13	OU4-TS-GRILLO-TSCF	PP074459.D	18 Aug 2025 16:40		YPIAJ	Ok
23	Q2879-15	OU4-TS-GRILLO-TSCF	PP074460.D	18 Aug 2025 16:56		YPIAJ	Ok
24	Q2879-17	OU4-TS-GRILLO-TSCF	PP074461.D	18 Aug 2025 17:13		YPIAJ	Ok
25	Q2884-03	302	PP074462.D	18 Aug 2025 17:29		YPIAJ	Ok,M
26	Q2888-01	VNJ-210	PP074463.D	18 Aug 2025 17:45		YPIAJ	Ok
27	Q2889-01	PL-02-081525	PP074464.D	18 Aug 2025 18:01		YPIAJ	Ok
28	Q2889-01MS	PL-02-081525MS	PP074465.D	18 Aug 2025 18:18		YPIAJ	Ok,M
29	Q2889-01MSD	PL-02-081525MSD	PP074466.D	18 Aug 2025 18:34		YPIAJ	Ok,M
30	AR1660CCC500	AR1660CCC500	PP074467.D	18 Aug 2025 19:39		YPIAJ	Ok,M
31	AR1242CCC500	AR1242CCC500	PP074468.D	18 Aug 2025 20:11	AR1242-05 low in 1st column	YPIAJ	Ok,M
32	AR1254CCC500	AR1254CCC500	PP074469.D	18 Aug 2025 20:28		YPIAJ	Ok,M
33	I.BLK	I.BLK	PP074470.D	18 Aug 2025 20:44		YPIAJ	Ok
34	Q2884-01	VNJ-232	PP074471.D	18 Aug 2025 21:00		YPIAJ	Ok
35	PB169288BL	PB169288BL	PP074472.D	18 Aug 2025 21:32		YPIAJ	Ok
36	PB169288BS	PB169288BS	PP074473.D	18 Aug 2025 21:49		YPIAJ	Ok,M
37	PB169288BSD	PB169288BSD	PP074474.D	18 Aug 2025 22:05		YPIAJ	Ok,M

Instrument ID: ECD_P

Daily Analysis Runlog For Sequence/QC Batch ID # PP081825

Review By	yogesh	Review On	8/18/2025 10:24:46 AM
Supervise By	mohammad	Supervise On	8/20/2025 3:04:56 AM
SubDirectory	PP081825	HP Acquire Method	HP Processing Method PP080125
STD. NAME	STD REF.#		
Tune/Reschk			
Initial Calibration Stds	PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,P P24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP 24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369		
CCC	PP24332,PP24347,PP24352,PP24357		
Internal Standard/PEM			
ICV/I.BLK	PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387		
Surrogate Standard			
MS/MSD Standard			
LCS Standard			

38	Q2867-01	Tre-2005	PP074475.D	18 Aug 2025 22:21	AR1254 hit ,TCMX high in sec column	YPIAJ	Ok,M
39	Q2867-02	Tre-2006	PP074476.D	18 Aug 2025 22:37		YPIAJ	Ok
40	Q2874-04	ELI-25-0087	PP074477.D	18 Aug 2025 22:54		YPIAJ	Ok,M
41	Q2890-01	60296	PP074478.D	18 Aug 2025 23:10		YPIAJ	Ok,M
42	Q2890-02	60295	PP074479.D	18 Aug 2025 23:26	AR1242 hit	YPIAJ	Ok,M
43	Q2890-03	60272	PP074480.D	18 Aug 2025 23:42		YPIAJ	Ok,M
44	AR1660CCC500	AR1660CCC500	PP074481.D	19 Aug 2025 00:47	TCMX high in sec column	YPIAJ	Ok,M
45	AR1242CCC500	AR1242CCC500	PP074482.D	19 Aug 2025 01:36		YPIAJ	Ok,M
46	AR1254CCC500	AR1254CCC500	PP074483.D	19 Aug 2025 01:52		YPIAJ	Ok,M
47	I.BLK	I.BLK	PP074484.D	19 Aug 2025 02:08		YPIAJ	Ok
48	Q2890-04	60294	PP074485.D	19 Aug 2025 02:24		YPIAJ	Ok,M
49	Q2865-03	LAW-25-0109	PP074486.D	19 Aug 2025 02:41	TCMX high in sec column ,F flag comin	YPIAJ	Not Ok
50	AR1660CCC500	AR1660CCC500	PP074487.D	19 Aug 2025 03:46	AR1016-02 &TCMX high in sec column	YPIAJ	Ok
51	I.BLK	I.BLK	PP074488.D	19 Aug 2025 04:18		YPIAJ	Ok

M : Manual Integration

PERCENT SOLID

Supervisor: rubina
Analyst: jignesh
Date: 8/18/2025

OVENTEMP IN Celsius(°C): 107
Time IN: 17:25
In Date: 08/15/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
OvenID: M OVEN#1

OVENTEMP OUT Celsius(°C): 104
Time OUT: 08:25
Out Date: 08/16/2025
Weight Check 1.0g: 1.00
Weight Check 10g: 10.00
BalanceID: M SC-4
Thermometer ID: % SOLID-OVEN

QC:LB136842

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
Q2879-01	OU4-TS-GRILLO-TSCP03-081425	1	1.18	10.28	11.46	10.34	89.1	
Q2879-03	OU4-TS-GRILLO-TSCP04-081425	2	1.18	10.24	11.42	10.1	87.1	
Q2879-05	OU4-TS-GRILLO-TSCP05-081425	3	1.16	10.04	11.2	10.51	93.1	
Q2879-07	OU4-TS-GRILLO-TSCP06-081425	4	1.17	10.46	11.63	10.67	90.8	
Q2879-09	OU4-TS-GRILLO-TSCP07-081425	5	1.18	10.09	11.27	10.61	93.5	
Q2879-11	OU4-TS-GRILLO-TSCP08-081425	6	1.16	10.83	11.99	11.05	91.3	
Q2879-13	OU4-TS-GRILLO-TSCP09-081425	7	1.18	10.47	11.65	10.9	92.8	
Q2879-15	OU4-TS-GRILLO-TSCP10-081425	8	1.19	10.58	11.77	10.85	91.3	
Q2879-17	OU4-TS-GRILLO-TSCP11-081425	9	1.12	10.76	11.88	9.4	77.0	
Q2880-05	SVOC-GPC-BLANK	10	1.00	1.00	2.00	2.00	100.0	
Q2880-06	PEST-GPC-BLANK	11	1.00	1.00	2.00	2.00	100.0	
Q2880-07	PEST-GPC-BLANK-SPIKE	12	1.00	1.00	2.00	2.00	100.0	
Q2880-08	SVOC-GPC2-BLANK	13	1.00	1.00	2.00	2.00	100.0	
Q2880-09	PEST-GPC2-BLANK	14	1.00	1.00	2.00	2.00	100.0	
Q2880-10	PEST -GPC2-BLANK-SPIKE	15	1.00	1.00	2.00	2.00	100.0	
Q2883-01	RBR2520553	16	1.15	10.43	11.58	10.48	89.5	
Q2883-02	RBR2520553-E2	17	1.14	10.75	11.89	10.77	89.6	
Q2884-01	VNJ-232	18	1.12	10.11	11.23	10.8	95.7	
Q2884-02	VNJ-232	19	1.19	10.39	11.58	11.15	95.9	
Q2884-03	302	20	1.19	10.34	11.53	10.6	91.0	
Q2888-01	VNJ-210	21	1.18	10.04	11.22	10.71	94.9	
Q2889-01	PL-02-081525-	22	1.14	10.22	11.36	10.67	93.2	
Q2889-02	EO-02-081525-E2	23	1.19	10.42	11.61	10.68	91.1	

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

WORKLIST(Hardcopy Internal Chain)

47136842

WorkList Name : %1-081525

WorkList ID : 191293

Department : Wet-Chemistry

Date : 08-15-2025 08:56:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2879-01	OU4-TS-GRILLO-TSCP03-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-03	OU4-TS-GRILLO-TSCP04-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-05	OU4-TS-GRILLO-TSCP05-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-07	OU4-TS-GRILLO-TSCP06-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-09	OU4-TS-GRILLO-TSCP07-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-11	OU4-TS-GRILLO-TSCP08-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-13	OU4-TS-GRILLO-TSCP09-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-15	OU4-TS-GRILLO-TSCP10-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2879-17	OU4-TS-GRILLO-TSCP11-0814	Solid	Percent Solids	Cool 4 deg C	NOBI03	J23	08/14/2025	Chemtech -SO
Q2880-05	SVOC-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	08/08/2025	Chemtech -SO
Q2880-06	PEST-GPC-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	08/08/2025	Chemtech -SO
Q2880-07	PEST-GPC-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	08/08/2025	Chemtech -SO
Q2880-08	SVOC-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	08/08/2025	Chemtech -SO
Q2880-09	PEST-GPC2-BLANK	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	08/08/2025	Chemtech -SO
Q2880-10	PEST -GPC2-BLANK-SPIKE	Solid	Percent Solids	Cool 4 deg C	CHEM02	QA Of	08/08/2025	Chemtech -SO
Q2883-01	RBR2520553	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/15/2025	Chemtech -SO
Q2883-02	RBR2520553-E2	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/15/2025	Chemtech -SO
Q2884-01	VNJ-232	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2884-02	VNJ-232	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2884-03	302	Solid	Percent Solids	Cool 4 deg C	PSEG03	D31	08/15/2025	Chemtech -SO
Q2888-01	VNJ-210	Solid	Percent Solids	Cool 4 deg C	PSEG03	D21	08/15/2025	Chemtech -SO

Date/Time 08/15/25 13:00

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

Q2879-PCB

Date/Time 08/15/25 17:35

Raw Sample Received by: [Signature]

Raw Sample Relinquished by: [Signature]

WORKLIST(Hardcopy Internal Chain)

WB 196842

WorkList Name : %1-081525

WorkList ID : 191293

Department : Wet-Chemistry

Date : 08-15-2025 08:56:56

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2889-01	PL-02-081525-	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/15/2025	Chemtech -SO
Q2889-02	EO-02-081525-E2	Solid	Percent Solids	Cool 4 deg C	PSEG05	D21	08/15/2025	Chemtech -SO

Date/Time 08/15/25 15:00
 Raw Sample Received by: SO WCR
 Raw Sample Relinquished by: CP SM
 Q2879-PCB

Date/Time 08/15/25 17:35
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: SO WCR
 319 of 682

SOP ID: M3541-ASE Extraction-15

Clean Up SOP #: Acid Cleanup

Matrix : Solid

Welgh By: EH **Extraction By:** RJ

Balance check: RJ **Filter By:** RJ

Balance ID: EX-SC-2 **pH Meter ID:** N/A

pH Strip Lot#: N/A **Hood ID:** 3,7

Extraction Start Date : 08/18/2025

Extraction Start Time : 08:05

Extraction End Date : 08/18/2025

Extraction End Time : 11:20

Concentration By: EH

Supervisor By : RUPESH

Extraction Method: ☐ Seperatory Funnel ☐ Continious Liquid/Liquid ☐ Sonication ☐ Waste Dilution ☒ Soxhlet

Standared Name	MLS USED	Concentration ug/mL	STD REF. # FROM LOG
Spike Sol 1	1.0ML	5000 PPB	PP24650
Surrogate	1.0ML	200 PPB	PP24663
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A
N/A	N/A	N/A	N/A

Chemical Used	ML/SAMPLE USED	Lot Number
Hexane/Acetone/1:1	N/A	EP2627
Baked Na2SO4	N/A	EP2632
Hexane	N/A	E3962
H2SO4 1:1	N/A	EP2610
Sand	N/A	E3951
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A
N/A	N/A	N/A

Extraction Conformance/Non-Conformance Comments:

40ML Vial Lot # 03-40BTS721,Q2884-03 used Limited volume as sample is Oily Debris & Small Particles.

KD Bath ID: N/A **Envap ID:** NEVAP-02

KD Bath Temperature: N/A **Envap Temperature:** 40 °C

Date / Time	Prepped Sample Relinquished By/Location	Received By/Location
8/18/25	RS (Ext Lab)	R. Pest-PCB Lab
11:25	Preparation Group	Analysis Group

Analytical Method: M3541-ASE Extraction-15

Concentration Date: 08/18/2025

Sample ID	Client Sample ID	Test	g/ mL	PH	Surr/Spike By:		Final Vol. (mL)	JarID	Comments	Prep Pos
					AddedBy	VerifiedBy				
PB169282BL	ABLK282	PCB	30.03	N/A	ritesh	Evelyn	10			U1-1
PB169282BS	ALCS282	PCB	30.01	N/A	ritesh	Evelyn	10			2
Q2879-01	OU4-TS-GRILLO-TSCP03-081425	PCB	30.06	N/A	ritesh	Evelyn	10	E		3
Q2879-03	OU4-TS-GRILLO-TSCP04-081425	PCB	30.09	N/A	ritesh	Evelyn	10	E		4
Q2879-05	OU4-TS-GRILLO-TSCP05-081425	PCB	30.07	N/A	ritesh	Evelyn	10	E		5
Q2879-07	OU4-TS-GRILLO-TSCP06-081425	PCB	30.04	N/A	ritesh	Evelyn	10	E		6
Q2879-09	OU4-TS-GRILLO-TSCP07-081425	PCB	30.08	N/A	ritesh	Evelyn	10	E		U2-1
Q2879-11	OU4-TS-GRILLO-TSCP08-081425	PCB	30.05	N/A	ritesh	Evelyn	10	E		2
Q2879-13	OU4-TS-GRILLO-TSCP09-081425	PCB	30.02	N/A	ritesh	Evelyn	10	E		3
Q2879-15	OU4-TS-GRILLO-TSCP10-081425	PCB	30.06	N/A	ritesh	Evelyn	10	E		4
Q2879-17	OU4-TS-GRILLO-TSCP11-081425	PCB	30.09	N/A	ritesh	Evelyn	10	E		5
Q2883-01	RBR2520553	PCB	30.01	N/A	ritesh	Evelyn	10	E		6
Q2884-01	VNJ-232	PCB	30.04	N/A	ritesh	Evelyn	10	E		U3-1
Q2884-03	302	PCB	5.06	N/A	ritesh	Evelyn	10	C	Oily Debris+s.partical	2
Q2888-01	VNJ-210	PCB	30.05	N/A	ritesh	Evelyn	10	E		3
Q2889-01	PL-02-081525-	PCB	30.08	N/A	ritesh	Evelyn	10	E		4
Q2889-01MS	PL-02-081525-MS	PCB	30.04	N/A	ritesh	Evelyn	10	E		5
Q2889-01MS D	PL-02-081525-MSD	PCB	30.06	N/A	ritesh	Evelyn	10	E		6

* Extracts relinquished on the same date as received.

WORKLIST(Hardcopy Internal Chain)

WorkList Name : Q2889

WorkList ID : 191314

Department : Extraction

Date : 08-18-2025 07:57:53

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q2879-01	OU4-TS-GRILLO-TSCP03-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-03	OU4-TS-GRILLO-TSCP04-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-05	OU4-TS-GRILLO-TSCP05-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-07	OU4-TS-GRILLO-TSCP06-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-09	OU4-TS-GRILLO-TSCP07-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-11	OU4-TS-GRILLO-TSCP08-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-13	OU4-TS-GRILLO-TSCP09-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-15	OU4-TS-GRILLO-TSCP10-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2879-17	OU4-TS-GRILLO-TSCP11-0814	Solid	PCB	Cool 4 deg C	NOBI03	J23	08/14/2025	8082A
Q2883-01	RBR2520553	Solid	PCB	Cool 4 deg C	PSEG03	D21	08/15/2025	8082A
Q2884-01	VNJ-232	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/15/2025	8082A
Q2884-03	302	Solid	PCB	Cool 4 deg C	PSEG03	D31	08/15/2025	8082A
Q2888-01	VNJ-210	Solid	PCB	Cool 4 deg C	PSEG03	D21	08/15/2025	8082A
Q2889-01	PL-02-081525-	Solid	PCB	Cool 4 deg C	PSEG05	D21	08/15/2025	8082A

Date/Time 08/18/25 8:00
 Raw Sample Received by: RJ (EXT-106)
 Raw Sample Relinquished by: JN SM

Date/Time 08/18/25 8:30
 Raw Sample Received by: JN SM
 Raw Sample Relinquished by: RJ (EXT-106)

Prep Standard - Chemical Standard Summary

Order ID : Q2879

Test : PCB

Prepbatch ID : PB169282,

Sequence ID/Qc Batch ID: PP081825,

Standard ID :

EP2610,EP2627,EP2632,PP24329,PP24330,PP24331,PP24332,PP24333,PP24334,PP24335,PP24336,PP24337,PP24338,PP24339,PP24340,PP24341,PP24342,PP24343,PP24344,PP24345,PP24346,PP24347,PP24348,PP24349,PP24350,PP24351,PP24352,PP24353,PP24354,PP24355,PP24356,PP24357,PP24358,PP24359,PP24360,PP24361,PP24362,PP24363,PP24364,PP24365,PP24366,PP24367,PP24368,PP24369,PP24370,PP24371,PP24372,PP24373,PP24374,PP24375,PP24376,PP24377,PP24378,PP24379,PP24380,PP24381,PP24382,PP24384,PP24385,PP24386,PP24387,PP24650,PP24663,

Chemical ID :

E3804,E3875,E3877,E3940,E3944,E3949,E3950,E3951,E3962,M6157,P11522,P12699,P12702,P12931,P12936,P12949,P12950,P12957,P13356,P13373,P13381,P13589,P13591,P13697,P13702,P13786,P13830,P13878,P13883,W3112,W3177,

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
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

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
230	1:1ACETONE/HEXANE	EP2627	07/15/2025	01/15/2026	RUPESHKUMAR SHAH	None	None	Riteshkumar Patel 07/15/2025

FROM 4000.00000ml of E3949 + 4000.00000ml of E3950 = Final Quantity: 8000.000 ml

Extractions STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3923	Baked Sodium Sulfate	EP2632	08/11/2025	01/28/2026	RUPESHKUMAR SHAH	Extraction_SCALE_2 (EX-SC-2)	None	Riteshkumar Patel 08/11/2025

FROM 4000.00000gram of E3875 = Final Quantity: 4000.000 gram

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

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

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
202	AR1660 1000/100 ppb working solution 1st source	PP24330	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13697 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
203	AR1660 750 PPB STD	PP24331	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
204	AR1660 500 PPB STD	PP24332	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24330 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
205	AR1660 250 PPB STD	PP24333	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24330 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
206	AR1660 50 PPB STD	PP24334	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24332 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
213	AR1221 1000 PPB WORKING SOLUTION	PP24335	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13702 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1079	AR1221 750 PPB STD	PP24336	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24335 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
222	AR1221 500 PPB STD	PP24337	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24335 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1080	AR1221 250 PPB STD	PP24338	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24335 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1081	AR1221 50 PPB STD	PP24339	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24337 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
214	AR1232 1000 PPB WORKING SOLUTION	PP24340	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13878 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1063	AR1232 750 PPB STD	PP24341	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24340 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
223	AR1232 500 PPB STD	PP24342	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24340 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1064	AR1232 250 PPB STD	PP24343	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24340 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1065	AR1232 50 PPB STD	PP24344	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24342 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
215	AR1242 1000 PPB WORKING STD	PP24345	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P12931 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1067	AR1242 750 PPB STD	PP24346	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.75000ml of PP24345 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
224	AR1242 500 PPB STD	PP24347	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24345 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1068	AR1242 250 PPB STD	PP24348	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24345 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1069	AR1242 50 PPB STD	PP24349	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24347 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
216	AR1248 1000 PPB WORKING STD	PP24350	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P12936 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1075	AR1248 750 PPB STD	PP24351	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24350 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
225	AR1248 500 PPB STD	PP24352	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24350 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1076	AR1248 250 PPB STD	PP24353	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24350 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1077	AR1248 50 PPB STD	PP24354	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24352 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
217	AR1254 1000 PPB WORKING STD	PP24355	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13830 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1071	AR1254 750 PPB STD	PP24356	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24355 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
226	AR1254 500 PPB STD	PP24357	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24355 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1072	AR1254 250 PPB STD	PP24358	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24355 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1073	AR1254 50 PPB STD	PP24359	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24357 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1529	AR1262 1000 PPB Working Solution	PP24360	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13883 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3753	AR1262 750 PPB STD	PP24361	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24360 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1530	AR1262 500 PPB STD	PP24362	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24360 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3754	AR1262 250 PPB STD	PP24363	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24360 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3755	AR1262 50 PPB STD	PP24364	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24362 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1532	AR1268 1000 PPB Working Solution	PP24365	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.10000ml of P13381 + 99.40000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3820	AR1268 750 PPB STD	PP24366	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.25000ml of W3177 + 0.75000ml of PP24365 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1533	AR1268 500 PPB STD	PP24367	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24365 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3821	AR1268 250 PPB STD	PP24368	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.75000ml of W3177 + 0.25000ml of PP24365 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3822	AR1268 50 PPB STD	PP24369	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.90000ml of W3177 + 0.10000ml of PP24367 = Final Quantity: 1.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
404	AR1660 100 PPM Stock Solution 2nd Source	PP24370	03/18/2025	09/18/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 1.00000ml of P12949 + 9.00000ml of E3804 = Final Quantity: 10.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
405	AR1660 1000/100 PPB ICV STD	PP24371	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza 04/03/2025

FROM 98.50000ml of W3177 + 0.50000ml of PP24329 + 1.00000ml of PP24370 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
406	AR1660 500 PPB ICV	PP24372	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24371 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3789	AR1221 1000 PPB WORKING SOL.2ND SOURCE(AGILENT)	PP24373	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13373 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1886	AR1221 500 PPB ICV	PP24374	03/18/2025	08/12/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of E3877 + 0.50000ml of W3177 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1887	AR1232 1000 PPB Working Sol. 2nd Source	PP24375	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12699 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1888	AR1232 500 PPB ICV	PP24376	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24375 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1889	AR1242 1000 PPB Working Sol. 2nd Source	PP24377	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13589 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1891	AR1242 500 PPB ICV	PP24378	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24377 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1890	AR1248 1000 PPB Working Sol. 2nd Source	PP24379	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P13591 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1892	AR1248 500 PPB ICV	PP24380	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24379 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1893	AR1254 1000 PPB Working Sol. 2nd Source	PP24381	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12957 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
1894	AR1254 500 PPB ICV	PP24382	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24381 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3757	AR1262 1000 PPB Working Solution second source	PP24384	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P12702 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3758	AR1262 500 PPB STD ICV	PP24385	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24384 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3817	AR1268 1000 ppb Working Soln. 2nd source	PP24386	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 1.00000ml of P11522 + 98.50000ml of W3177 + 0.50000ml of PP24329 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3823	AR1268 500 PPB STD ICV	PP24387	03/18/2025	08/22/2025	Yogesh Patel	None	None	Abdul Mirza
								04/03/2025

FROM 0.50000ml of W3177 + 0.50000ml of PP24386 = Final Quantity: 1.000 ml

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
3857	5000 PPB PCB SPIKE SOLUTION 2ND SOURCE	PP24650	06/16/2025	12/11/2025	Abdul Mirza	None	None	Yogesh Patel
								07/21/2025

FROM 0.50000ml of P12950 + 99.50000ml of E3940 = Final Quantity: 100.000 ml

Pest/Pcb STANDARD PREPARATION LOG

<u>Recipe ID</u>	<u>NAME</u>	<u>NO.</u>	<u>Prep Date</u>	<u>Expiration Date</u>	<u>Prepared By</u>	<u>ScaleID</u>	<u>PipetteID</u>	<u>Supervised By</u>
465	200 PPB Pest/PCB Surrogate Spike	PP24663	06/24/2025	12/24/2025	Abdul Mirza	None	None	Yogesh Patel
FROM 1.00000ml of P13786 + 999.00000ml of E3944 = Final Quantity: 1000.000 ml								

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CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Seidler Chemical	9005-05 / Acetone Ultra (cs/4x4L)	24E0761004	02/18/2026	10/01/2024 / Rajesh	09/25/2024 / Rajesh	E3804

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
PCI Scientific Supply, Inc.	PC19631-100 / SODIUM SULFATE, ANHYDROUS, PEST GRADE, 1	417203	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-9262-03 / Hexane, Ultra-Resi (cs/4x4L)	243570	08/12/2025	02/12/2025 / Rajesh	02/12/2025 / Rajesh	E3877

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	12/11/2025	06/11/2025 / Rajesh	06/04/2025 / Rajesh	E3940

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-9254-03 / Acetone, Ultra Resi (cs/4x4L)	24H2762008	04/18/2027	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3949

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	07/08/2025 / RITESHKUMAR	07/03/2025 / RUPESH	E3950

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-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 #
Absolute Standards, Inc	91867 / Aroclor 1232 100 ug/mL	020823	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12699

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc	x9166 / Aroclor 1262 100 ug/mL	060523	09/18/2025	03/18/2025 / yogesh	08/07/2023 / Ankita	P12702

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	a0203672	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12931

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	a0202803	09/18/2025	03/18/2025 / yogesh	12/07/2023 / Ankita	P12936

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	09/18/2025	03/18/2025 / yogesh	12/20/2023 / Yogesh	P12949

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	20064 / Aroclor 1016/1260	022023	12/16/2025	06/16/2025 / Abdul	12/20/2023 / Yogesh	P12950

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Absolute Standards, Inc.	/ Aroclor 1254	121823	04/03/2025	10/03/2024 / Ankita	12/20/2023 / Yogesh	P12957

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32000 / Pesticide Mix, CLP method, Pesticide Surrogate Mix, 200ug/mL, Acetone, 1mL	A0206810	09/18/2025	03/18/2025 / yogesh	04/22/2024 / Abdul	P13356

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-292-1 / Aroclor 1221	0006783205	09/18/2025	03/18/2025 / yogesh	05/02/2024 / Ankita	P13373

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	A0207475	09/18/2025	03/18/2025 / yogesh	05/03/2024 / Abdul	P13381

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-312-1 / Aroclor 1242	0006665550	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13589

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Agilent Technologies	PP-342-1 / Aroclor 1248	0006726317	09/18/2025	03/18/2025 / yogesh	10/14/2024 / Ankita	P13591

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32039 / PCB Mix, Aroclor 1016/1260, 1000ug/mL, hexane, 1mL/ampul	A0210629	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13697

CHEMICAL RECEIPT LOG BOOK

Supplier	ItemCode / ItemName	Lot #	Expiration Date	Date Opened / Opened By	Received Date / Received By	Chemtech Lot #
Restek	32007 / PCB Mix, Aroclor 1221, 1000ug/mL, Hexane, 1mL/ampul	A0215270	09/18/2025	03/18/2025 / yogesh	10/17/2024 / yogesh	P13702

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	32011 / PCB Mix, Aroclor 1254, 1000ug/mL, Hexane, 1mL/ampul	A0217391	09/18/2025	03/18/2025 / yogesh	12/09/2024 / Ankita	P13830

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	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13878

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	A0220950	09/18/2025	03/18/2025 / yogesh	01/23/2025 / Ankita	P13883

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

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)	24G1962003	08/22/2025	02/03/2025 / jignesh	01/31/2025 / jignesh	W3177

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Material No.: 9005-05
Batch No.: 24E0761004
Manufactured Date: 2024-05-02
Retest Date: 2029-05-01
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	≥ 99.5 %	99.8 %
Color (APHA)	≤ 10	< 5
Residue after Evaporation	≤ 5 ppm	< 1 ppm
Titration Acid (μeq/g)	≤ 0.3	0.1
Titration Base (μeq/g)	≤ 0.5	0.1
Water (H ₂ O)	≤ 0.5 %	0.1 %
Solubility in H ₂ O	Passes Test	Passes Test
Chloride (Cl)	≤ 0.2 ppm	< 0.2 ppm
Phosphate (PO ₄)	≤ 0.05 ppm	< 0.05 ppm
Trace Impurities – Aluminum (Al)	≤ 50.0 ppb	< 5.0 ppb
Arsenic and Antimony (as As)	≤ 5.0 ppb	< 5.0 ppb
Trace Impurities – Barium (Ba)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Beryllium (Be)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Bismuth (Bi)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Boron (B)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Cadmium (Cd)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Calcium (Ca)	≤ 25.0 ppb	3.6 ppb
Trace Impurities – Chromium (Cr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Cobalt (Co)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Copper (Cu)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Gallium (Ga)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Germanium (Ge)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Gold (Au)	≤ 20 ppb	< 5 ppb
Trace Impurities – Iron (Fe)	≤ 20.0 ppb	< 1.0 ppb
Trace Impurities – Lead (Pb)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Lithium (Li)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Magnesium (Mg)	≤ 20 ppb	< 1 ppb
Trace Impurities – Manganese (Mn)	≤ 10.0 ppb	< 1.0 ppb

Recd by RP on 9/25/24

E 3804

>>> Continued on page 2 >>>

Acetone
CMOS

avantor™



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

Test	Specification	Result
Trace Impurities – Molybdenum (Mo)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Nickel (Ni)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Niobium (Nb)	≤ 50.0 ppb	< 1.0 ppb
Trace Impurities – Potassium (K)	≤ 10.0 ppb	< 10.0 ppb
Trace Impurities – Silicon (Si)	≤ 50 ppb	< 10 ppb
Trace Impurities – Silver (Ag)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Sodium (Na)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Strontium (Sr)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Tantalum (Ta)	≤ 50.0 ppb	< 5.0 ppb
Trace Impurities – Thallium (Tl)	≤ 10.0 ppb	< 5.0 ppb
Trace Impurities – Tin (Sn)	≤ 20.0 ppb	< 10.0 ppb
Trace Impurities – Titanium (Ti)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Vanadium (V)	≤ 10.0 ppb	< 1.0 ppb
Trace Impurities – Zinc (Zn)	≤ 20.0 ppb	7.9 ppb
Trace Impurities – Zirconium (Zr)	≤ 10.0 ppb	< 1.0 ppb
Particle Count – 0.5 µm and greater (Rion KS42AF)	≤ 100 par/ml	8 par/ml
Particle Count – 1.0 µm and greater (Rion KS42AF)	≤ 8 par/ml	2 par/ml

>>> Continued on page 3 >>>

Acetone
CMOS

 **avantor™**



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

Test	Specification	Result

For Microelectronic Use

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



Michelle Bales
Sr. Manager, Quality Assurance



**PRODUCTOS
QUÍMICOS
MONTERREY, S.A. DE C.V.**

MIRADOR 201, COL. MIRADOR
MONTERREY, N.L. MÉXICO
CP 64070
TEL +52 81 13 52 67 67
www.pqm.com.mx

CERTIFICATE OF ANALYSIS

PRODUCT :	SODIUM SULFATE CRYSTALS ANHYDROUS		
QUALITY :	ACS (CODE RMB3375)	FORMULA :	Na ₂ SO ₄
SPECIFICATION NUMBER:	6399	RELEASE DATE:	MAY/23/2024
LOT NUMBER :	417203		

TEST	SPECIFICATIONS	LOT VALUES
Assay (Na ₂ SO ₄)	Min. 99.0%	99.8 %
pH of a 5% solution at 25°C	5.2 - 9.2	6.2
Insoluble matter	Max. 0.01%	0.001 %
Loss on ignition	Max. 0.5%	0.1 %
Chloride (Cl)	Max. 0.001%	<0.001 %
Nitrogen compounds (as N)	Max. 5 ppm	<5 ppm
Phosphate (PO ₄)	Max. 0.001%	<0.001 %
Heavy metals (as Pb)	Max. 5 ppm	<5 ppm
Iron (Fe)	Max. 0.001%	<0.001 %
Calcium (Ca)	Max. 0.01%	0.001 %
Magnesium (Mg)	Max. 0.005%	0.001 %
Potassium (K)	Max. 0.008%	0.001 %
Extraction-concentration suitability	Passes test	Passes test
Appearance	Passes test	Passes test
Identification	Passes test	Passes test
Solubility and foreign matter	Passes test	Passes test
Retained on US Standard No. 10 sieve	Max. 1%	0.2 %
Retained on US Standard No. 60 sieve	Min. 94%	96.2 %
Through US Standard No. 60 sieve	Max. 5%	3.5 %
Through US Standard No. 100 sieve	Max. 10%	0.1 %

COMMENTS

QC: PhC Irma Belmares

If you need further details, please call our factory or contact our local distributor.

RE-02-01, Ed. 3

E 3875

Certificate of Analysis

1 Reagent Lane
 Fair Lawn, NJ 07410
 201.796.7100 tel
 201.796.1329 fax

Thermo Fisher Scientific's Quality System has been found to conform to Quality Management System
 Standard ISO9001:2015 by SAI Global Certificate Number CERT – 0120633

This is to certify that units of the lot number below were tested and found to comply with the specifications of the grade listed. Certain data have been supplied by third parties. Thermo Fisher Scientific expressly disclaims all warranties, expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose. Products are for research use or further manufacturing. Not for direct administration to humans or animals. It is the responsibility of the final formulator and end user to determine suitability based upon the intended use of the end product. Products are tested to meet the analytical requirements of the noted grade. The following information is the actual analytical results obtained.

Catalog Number	H303	Quality Test / Release Date	11/07/2024
Lot Number	243570		
Description	HEXANES - OPTIMA		
Country of Origin	United States	Suggested Retest Date	Nov/2029
Chemical Origin	Organic - non animal		
BSE/TSE Comment	No animal products are used as starting raw material ingredients, or used in processing, including lubricants, processing aids, or any other material that might migrate to the finished product.		

N/A			
Result Name	Units	Specifications	Test Value
APPEARANCE		REPORT	Clear, colorless liquid
ASSAY (N-HEXANE)	%	>= 60	69
ASSAY (SUM C6 HYDROCARBONS)	%	>= 99.9	>99.9
COLOR	APHA	<= 5	<5
DENSITY AT 25 DEGREES C	GM/ML	Inclusive Between 0.653 - 0.673	0.669
EVAPORATION RESIDUE	ppm	<= 1	<1
FLUORESCENCE BACKGROUND	ppb	<= 1	<1
IDENTIFICATION	PASS/FAIL	= PASS TEST	PASS TEST
OPTICAL ABS AT 195 NM	ABS. UNITS	<= 1	0.74
OPTICAL ABS AT 210 NM	ABS. UNITS	<= 0.25	0.17
OPTICAL ABS AT 220 NM	ABS. UNITS	<= 0.07	0.05
OPTICAL ABS AT 254 NM	ABS. UNITS	<= 0.005	0.001
PESTICIDE RESIDUE ANALYSIS	NG/L	<= 10	<10
REFRACTIVE INDEX @ 25 DEG C		Inclusive Between 1.375 - 1.385	1.379
SUITABILITY FOR GC/MS		= PASS TEST	PASS TEST
SULFUR COMPOUNDS	%	<= 0.005	<0.005
THIOPHENE	PASS/FAIL	= PASS TEST	PASS TEST
WATER (H2O)	%	<= 0.01	<0.01
WATER-SOLUBLE TITRABLE ACID	MEQ/G	<= 0.0003	0.0001

Recd. by RP on 2/12/25

 E3877

Harout Sahagian - Quality Control Manager - Fair Lawn

Note: The data listed is valid for all package sizes of this lot of this product, expressed as an extension of this catalog number listed above.
 If there are any questions with this certificate, please call at (800) 227-6701.

*Based on suggested storage condition.

Acetone

BAKER RESI-ANALYZED® Reagent

For Organic Residue Analysis

avantor™



Material No.: 9254-03

Batch No.: 24H1462005

Manufactured Date: 2024-05-24

Expiration Date: 2027-05-24

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Rec'd by RP on 6/11/25

E3940

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™



Material No.: 9254-03
Batch No.: 24H1462005
Manufactured Date: 2024-05-24
Expiration Date: 2027-05-24
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	99.8 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.2 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (μeq/g)	<= 0.3	0.2
Titration Base (μeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	0.2 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	<1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

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

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

E3944

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

Acetone

BAKER RESI-ANALYZED® Reagent
For Organic Residue Analysis

Avantor™



Material No.: 9254-03

Batch No.: 24H2762008

Manufactured Date: 2024-04-18

Expiration Date: 2027-04-18

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
Assay ((CH ₃) ₂ CO) (by GC, corrected for water)	>= 99.4 %	100.0 %
Color (APHA)	<= 10	5
Residue after Evaporation	<= 1.0 ppm	0.0 ppm
Substances Reducing Permanganate	Passes Test	Passes Test
Titration Acid (µeq/g)	<= 0.3	0.2
Titration Base (µeq/g)	<= 0.6	<0.1
Water (H ₂ O)	<= 0.5 %	<0.1 %
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	<= 5	1
ECD Sensitive Impurities (as Heptachlor Epoxide) Single Peak (pg/mL)	<= 10	1

For Laboratory, Research, or Manufacturing Use

MEETS SPECIFICATIONS WITHIN THE EXPIRATION PERIOD

Country of Origin: United States

Packaging Site: Phillipsburg Mfg Ctr & DC

Reed on 7/2/25

E3949

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



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

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

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

3950

Recd on 7/02/25

Jamie Croak
Director Quality Operations, Bioscience Production

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Material	BDH9274-2.5KG
Material Description	BDH SAND STDD OTTAWA W+I 2.5KG
Grade	NOT APPLICABLE
Batch	25A2756718
Reassay Date	12/31/2028
CAS Number	14808-60-7
Molecular Formula	SiO ₂
Molecular Mass	60.09
Date of Manufacture	12/05/2024
Storage	Room Temperature

Characteristics	Specifications	Measured Values
Appearance	Beige granules.	Beige granules.
Moisture	<= 0.1 %	0.1 %
Particle Size 30-40 mesh	>= 80 %	99 %
CUSTOMER PART # BDH9274-2.5KG		

Received on 1/12/25.

E3951

Internal ID #: 793

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

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



Material No.: 9262-03
Batch No.: 25C0362005
Manufactured Date: 2025-01-29
Expiration Date: 2026-04-30
Revision No.: 0

Certificate of Analysis

Test	Specification	Result
FID-Sensitive Impurities (as 2-Octanol) Single Impurity Peak (ng/mL)	≤ 5	1
ECD Sensitive Impurities (as HeptachlorEpoxide) Single Peak (pg/mL)	≤ 10	6
ECD-Sensitive Impurities (as EthyleneDibromide) - Single Impurity Peak (ng/mL)	≤ 5	5
Assay (Total Saturated C ₆ Isomers) (by GC, corrected for water)	$\geq 99.5 \%$	100.0 %
Assay (as n-Hexane) (by GC, corrected for water)	$\geq 95 \%$	100 %
Color (APHA)	≤ 10	10
Residue after Evaporation	≤ 1.0 ppm	0.1 ppm
Substances Darkened by H ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	$\leq 0.05 \%$	$< 0.01 \%$

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

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

Received on 7/30/25

E3962

Jamie Croak
Director Quality Operations, Bioscience Production

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1700

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

avantor™



MG157
MS

Material No.: 9673-33

Batch No.: 24I1262013

Manufactured Date: 2024-08-07

Retest Date: 2029-08-06

Revision No.: 0

Certificate of Analysis

Test	Specification	Result
ACS – Assay (H ₂ SO ₄)	95.0 – 98.0 %	96.2 %
Appearance	Passes Test	Passes Test
ACS – Color (APHA)	<= 10	5
ACS – Residue after Ignition	<= 3 ppm	<1 ppm
ACS – Substances Reducing Permanganate(as SO ₂)	<= 2 ppm	<2 ppm
Ammonium (NH ₄)	<= 1 ppm	<1 ppm
Chloride (Cl)	<= 0.1 ppm	<0.1 ppm
Nitrate (NO ₃)	<= 0.2 ppm	0.1 ppm
Phosphate (PO ₄)	<= 0.5 ppm	<0.1 ppm
Trace Impurities – Aluminum (Al)	<= 30.0 ppb	<5.0 ppb
Arsenic & Antimony (as As)	<= 4.0 ppb	<2.0 ppb
Trace Impurities – Boron (B)	<= 10.0 ppb	<5.0 ppb
Trace Impurities – Cadmium (Cd)	<= 2.0 ppb	<1.0 ppb
Trace Impurities – Chromium (Cr)	<= 6.0 ppb	<1.0 ppb
Trace Impurities – Cobalt (Co)	<= 0.5 ppb	<0.3 ppb
Trace Impurities – Copper (Cu)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Gold (Au)	<= 10.0 ppb	<5.0 ppb
Heavy Metals (as Pb)	<= 500.0 ppb	<100.0 ppb
Trace Impurities – Iron (Fe)	<= 50.0 ppb	<1.0 ppb
Trace Impurities – Lead (Pb)	<= 0.5 ppb	<0.5 ppb
Trace Impurities – Magnesium (Mg)	<= 7.0 ppb	<1.0 ppb
Trace Impurities – Manganese (Mn)	<= 1.0 ppb	<1.0 ppb
Trace Impurities – Mercury (Hg)	<= 0.5 ppb	<0.1 ppb
Trace Impurities – Nickel (Ni)	<= 2.0 ppb	<0.3 ppb
Trace Impurities – Potassium (K)	<= 500.0 ppb	<10.0 ppb
Trace Impurities – Selenium (Se)	<= 50.0 ppb	7.2 ppb
Trace Impurities – Silicon (Si)	<= 100.0 ppb	12.8 ppb
Trace Impurities – Silver (Ag)	<= 1.0 ppb	<1.0 ppb

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.386.1793 of 682

Sulfuric Acid

BAKER INSTRA-ANALYZED® Reagent

For Trace Metal Analysis

Low Selenium

 **avantor**™



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



Certificate of Analysis

P11518
↓
P11522
AJ
02/21/22

Product Name: Aroclor 1268 Standard

Product Number: PP-382-1

Lot Issue Date: 09-Feb-2021

Lot Number: 0006587800

Expiration Date: 31-Mar-2029

Description:

This analytical reference material (RM) was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed below.

Analyte	CAS#	Analyte Lot	Concentration ± Uncertainty
Aroclor 1268	011100-14-4	RM00937	100.0 ± 0.5 µg/mL

Matrix: isooctane (2,2,4-trimethylpentane)

Storage Conditions: Store at Room Temperature (15° to 30°C).

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This RM was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Intended Use:

This RM is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Hazards:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this RM.

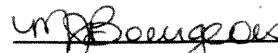
Expiration of Certification:

The certification of this RM is valid until the expiration date specified above, provided the RM is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the RM is damaged, contaminated, or otherwise modified.

Maintenance of Certification:

If substantive changes are noted that affect the certification before the expiration of this certificate, Agilent will notify the purchaser.

Sample lot approver:


Monica Bourgeois
QMS Representative



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with TUV USA Inc registered ISO 9001 Quality Management System. Cert # 56 100 18560026
Page: 1 of 1

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



ISO 17025 Cert
No. AT-1937



CERTIFIED 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 ($\mu\text{g/mL}$): **100**
 NIST Test ID#: **6UTB**

Solvent/
Acet

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

5E-05 Balance Uncertainty

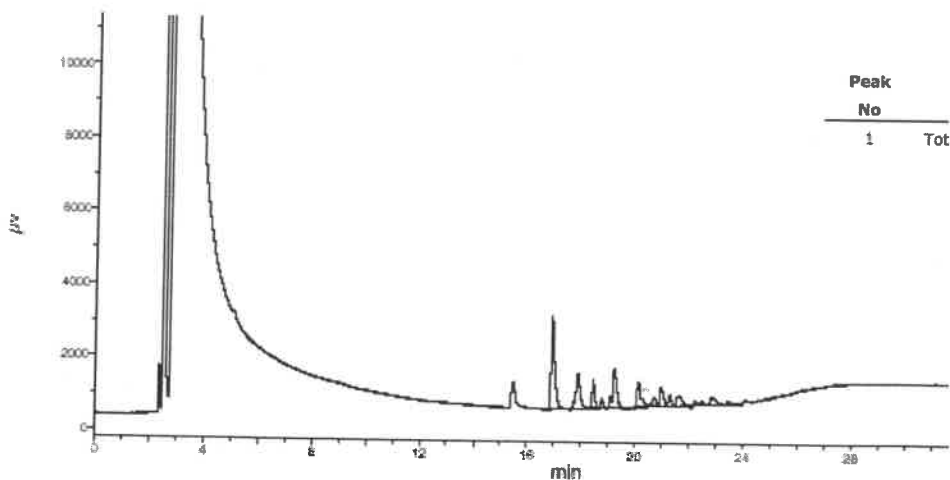
0.057 Flask Uncertainty

Compound	RM#	Lot Number	Nominal Conc ($\mu\text{g/mL}$)	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 Measurements", Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier
 Column ID SPB-608 30 meter X 0.53mm X 5 μm 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 = 1.5 μL , Range=3





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Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32009 Lot No.: A0203672
Description : Aroclor® 1242 Standard
Aroclor® 1242 Standard 1,000 µg/mL, Hexane, 1mL/ampul
Container Size : 2 mL Pkg Amt: > 1 mL
Expiration Date : January 31, 2030 Storage: 25°C nominal
Handling: This product contains PCBs. Ship: Ambient

p12928
↓
p12932
AJ
12/07/23

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	—%	1,004.7 µg/mL	+/- 55.7515

* 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:

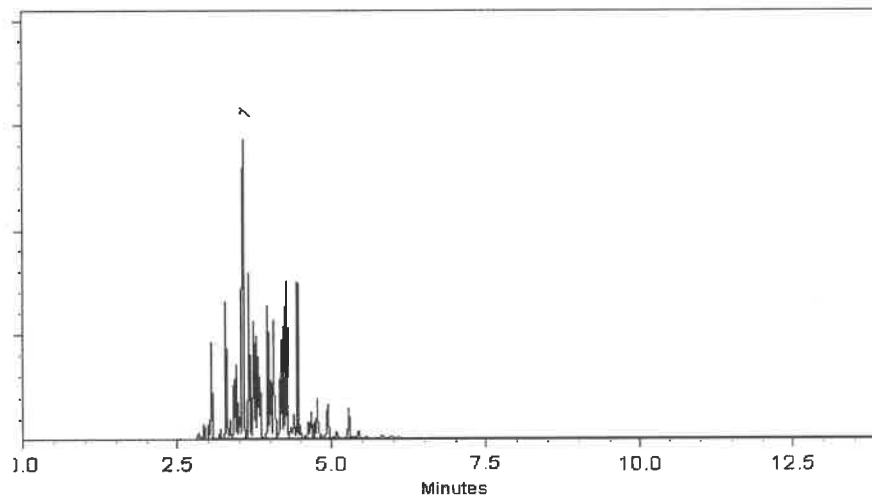
ECD

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.

Russ Bookhamer - Operations Technician I

Date Mixed: 26-Oct-2023

Balance Serial # B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 06-Nov-2023

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



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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32010 **Lot No.:** A0202803

Description : Aroclor® 1248 Standard
Aroclor® 1248 Standard 1,000µg/mL, Hexane, 1mL/ampul

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

Expiration Date : January 31, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P12993
↓
P12997
AT
12/07/23

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	13897600	—%	1,001.7 µg/mL	+/- 55.5850

* 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:

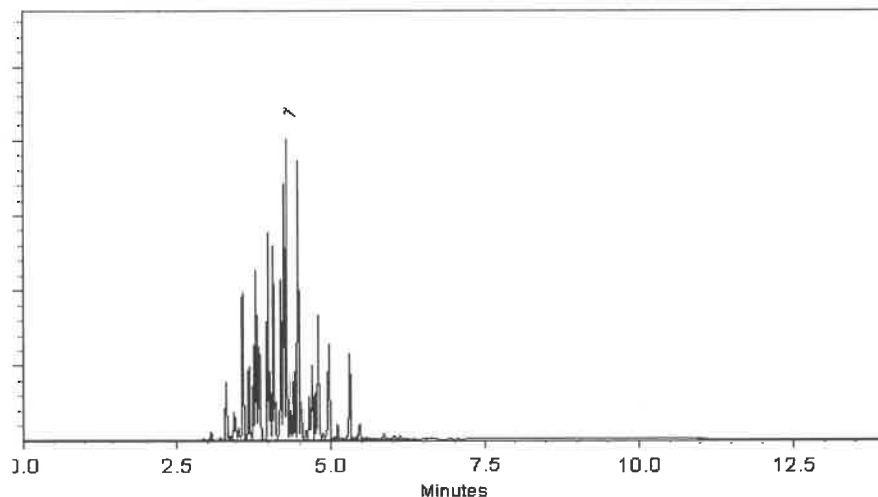
ECD

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: 03-Oct-2023

Balance Serial # 1128360905


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Oct-2023

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



CERTIFIED WEIGHT REPORT

Part Number: **20064**
 Lot Number: **022023**
 Description: **CLP PCB'S - Aroclor Mix**

Solvent(s): **Hexane**
 Lot#: **273615**

Expiration Date: **022033**

Recommended Storage: **Ambient (20 °C)**

Nominal Concentration (µg/mL): **1000**

NIST Test ID#: **6UTB**

5E-05 Balance Uncertainty

0.010 Flask Uncertainty

Weight(s) shown below were combined and diluted to (mL): **200.0**

<i>Benson Chan</i>		022023
Formulated By:	Benson Chan	DATE
<i>Pedro L. Rentas</i>		022023
Reviewed By:	Pedro L. Rentas	DATE

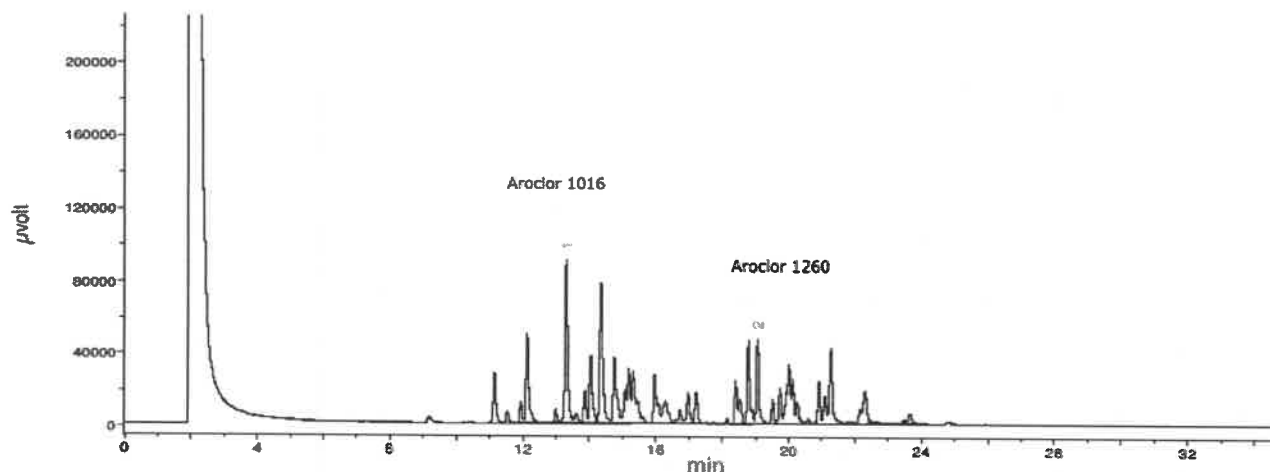
P12946
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 P12955
 748
 12/20/23

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	ori-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 certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GCS-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





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

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

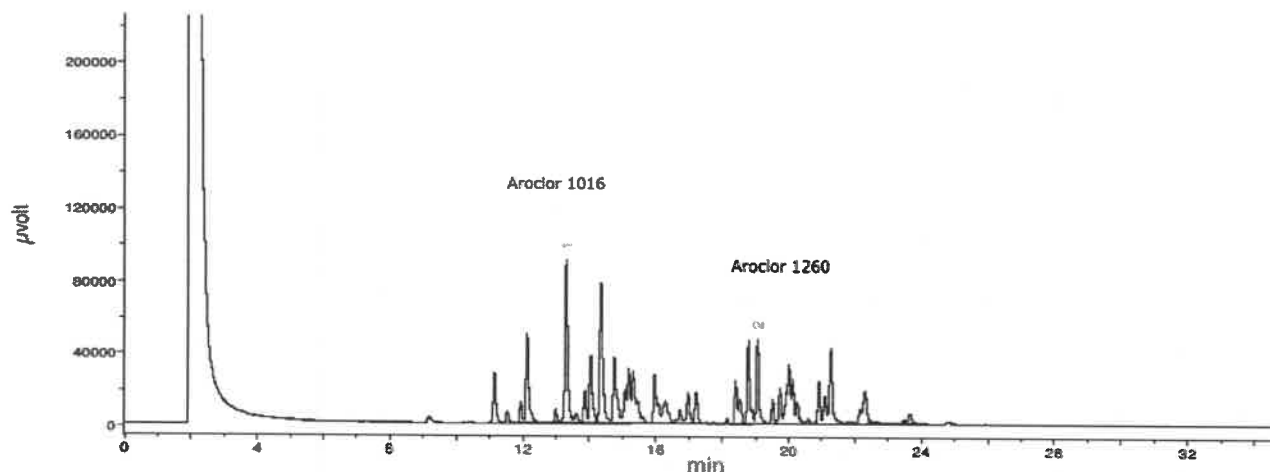
P12946
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P12955
748
12/20/23

Weight(s) shown below were combined and diluted to (mL): 200.0
5E-05 Balance Uncertainty
0.010 Flask Uncertainty

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	ori-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 certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments
GC3-M1 Analysis by Melissa Stonier
Column ID SPB-608 30 meter X 0.53mm 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





CERTIFIED WEIGHT REPORT

Part Number: **99139**
Lot Number: **121823**
Description: **Aroclor 1254**

Solvent(s):
Iso-octane
Lot#
82227

<i>Anthony Mahoney</i>		121823
Formulated By:	Anthony Mahoney	DATE
<i>Pedro L. Rentas</i>		121823
Reviewed By:	Pedro L. Rentas	DATE

P12856 } Y-P
12/20/23

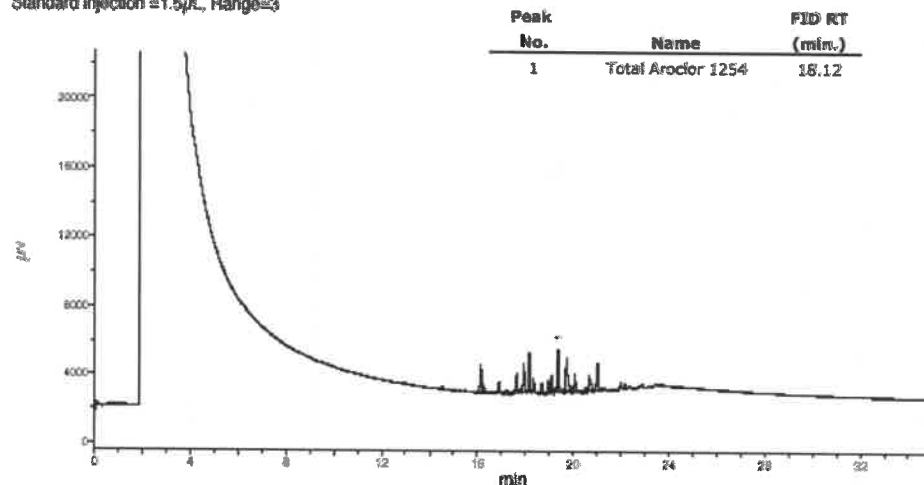
Expiration Date: 121833
Recommended Storage: Ambient (20 °C)
Nominal Concentration (µg/mL): 100
NIST Test ID#: 6UTB
Volume(s) shown below were combined and diluted to (mL): 20.0
Note: Aroclor 1254 is a mix of isomers.

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 certified (+/-) 0.5% of the stated value, unless otherwise stated.
- All Standards, after opening ampule, should be stored with caps tight and under appropriate laboratory conditions.
- Uncertainty Reference: Taylor, B.N. and Kuyat, C.E., "Guidelines for Evaluating and Expressing the Uncertainty of NIST Measurement Result," NIST Technical Note 1297, U.S. Government Printing Office, Washington, DC, (1994).

Comments

GC3-M1 Analysis by Melissa Stonier
Column ID SPB-606 30 meter X 0.53mm X 5µm film thickness
Flow rates: Helium (carrier) = 5mL/min, Helium (make-up) = 25mL/min
Hydrogen (make-up) = 30mL/min, Air (make-up) = 350mL/min
Oven Profile: Temp 1 = 150°C (Time 1 = 4 min), Temp 2 = 290°C (Time 2 = 13.5 min)
Rate = 8°C/min, Total run time = 35 min
Injector temp. = 200°C, FID Temp. = 300°C. FID Signal = Edaq Channel 1
Standard injection = 1.5µL, Range=3





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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32000 **Lot No.:** A0206810

Description : Pesticide Surrogate Mix
Pesticide Surrogate Mix 200 µg/mL, Acetone, 1mL/ampul

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

Expiration Date : April 30, 2030 **Storage:** 10°C or colder

Handling: Contains PCBs - sonicate prior to use. **Ship:** Ambient

P13348
↓
P13357
10
DAUF
04/25/2024

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2,4,5,6-Tetrachloro-m-xylene	877-09-8	RP220407	99%	200.3 µg/mL	+/- 11.1143
2	Decachlorobiphenyl (BZ# 209)	2051-24-3	30638	99%	200.6 µg/mL	+/- 11.1298

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

Solvent: Acetone
CAS # 67-64-1
Purity 99%

Tech Tips:

Decachlorobiphenyl has poor solubility in most organic solvents. The maximum concentration that can be prepared in acetone, hexane, or isooctane is 200µg/mL. Temperature will affect the solubility as well. Storing solutions at reduced temperatures will cause decachlorobiphenyl to precipitate.

Products containing decachlorobiphenyl must be sonicated for a minimum of 10 minutes prior to opening the ampul. Because each ultrasonic bath operates at a different energy level, 10 minutes is a guideline only. Longer sonication time will not affect product quality.

These precautions apply to working solutions prepared in your laboratory as well. The amount of compound that precipitates depends on concentration AND temperature. If you store your standards at a temperature lower than 4°C (even dilute solutions), allow extra sonication time.

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

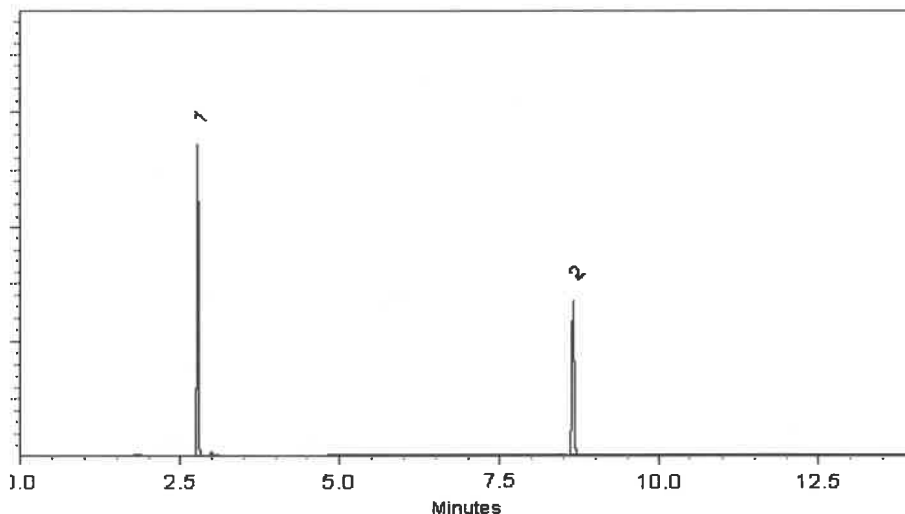
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Laith Clemente
Laith Clemente - Operations Technician I

Date Mixed: 22-Jan-2024

Balance Serial # 1128360905

Jennifer J Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 24-Jan-2024

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

P 13348
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P 13357
10

SAUF
04/25/2025



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Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32410 **Lot No.:** A0207475

Description : Aroclor® 1268 Standard

Aroclor® 1268 Standard 1,000 µg/mL, 1mL/ampul, Hexane

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 1268	11100-14-4	10947000	---%	1,000.0 µg/mL	+/- 55.4925

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

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

P 13380
↓
P 13381
↓
SAZU
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:

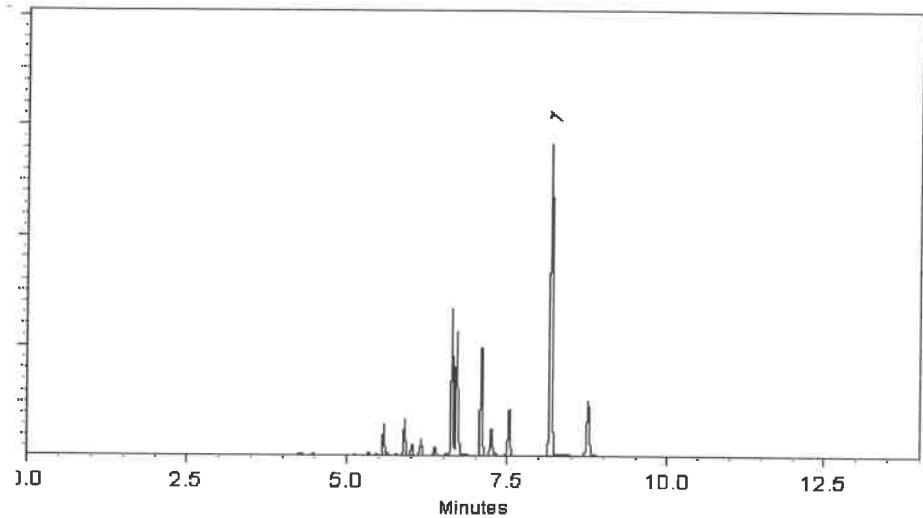
ECD

Split Vent:

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.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 06-Feb-2024

Balance Serial # B442140311

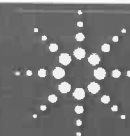
Dillon Murphy
Dillon Murphy - Operations Technician I

Date Passed: 09-Feb-2024

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

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ISO 17034



Agilent

Trusted Answers

Reference Material Certificate

Product Name: Aroclor 1242 Standard

Lot Number: 0006665550

Product Number: PP-312-1

Lot Issue Date: 08-Feb-2022

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 31-Jan-2027

Component Name	CERTIFIED VALUES		CAS#	Analyte Lot
	Concentration	Expanded Uncertainty		
Aroclor 1242	100.4	± 0.5 µg/mL	053469-21-9	NT01020

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13589
↓
P13590AJ
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



ISO 17034 Cert
No. AR-1936

RM was produced in accordance with the TUV/SUD registered ISO 9001:2015
Quality Management System. Cert# 95T215321

Page: 2 of 2

www.agilent.com/quality/

CSD-QA-015.1



ISO 17025
Cert No. AT-

Reference Material Certificate
Product Information Sheet

Product Name: Aroclor 1248 Standard

Lot Number: 0006726317

Product Number: PP-342-1

Lot Issue Date: 27-Jan-2023

Storage Conditions: Store at Room Temperature (15° to 30°C).

Expiration Date: 28-Feb-2031

Component Name	Concentration	Uncertainty	CAS#	Analyte Lot
Aroclor 1248	100.3 ±	0.5 µg/mL	012672-29-6	NT01582

Matrix: isooctane (2,2,4-trimethylpentane)

Description:

This document is prepared in accordance with ISO 17034 and Guide 31. This analytical reference material (RM) standard was manufactured and verified in accordance with an ISO 9001 registered quality system and analyte concentrations were verified by an ISO 17025 accredited laboratory. The concentration and uncertainty value at the 95% confidence level for each analyte, determined gravimetrically, is listed above. Purity values are taken from approved vendor raw material certificates.

Traceability:

The balances used for these measurements are calibrated with weights traceable to NIST in compliance with ANSI/NCSL Z540.3, ISO 9001, ISO 17025, and ISO 17034. Calibrated Class A glassware is used for volumetric measurements. Thermometers are calibrated against a NIST traceable thermometer in accordance with NIST Special Publication 1088.

Homogeneity:

This analytical reference (RM) standard was unitized according to an in-house procedure and is guaranteed to be homogeneous. There is no minimum sub-sample size required.

Instructions for Use:

Sample aliquots for analysis should be withdrawn at 20°C to 25°C immediately after opening the container and should be processed without delay for the certified values to be valid within the stated uncertainties.

Safety:

Refer to the Safety Data Sheet on www.agilent.com for information regarding this analytical reference material.

Intended Use:

This analytical reference (RM) standard is intended for the preparation of working reference samples for use in routine laboratory analyses, calibration of instruments, validation of analytical methods, assessments of measurement methods, and continuing calibration verification.

Expiration of Certification:

The certification of this analytical reference standard (RM) is valid until the expiration date specified above, provided the material is handled and stored in accordance with the instructions given in this certificate. This certification is nullified if the material is damaged, contaminated, or otherwise modified.

P13591
↓
P13592

AS
10/14/2024

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



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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:

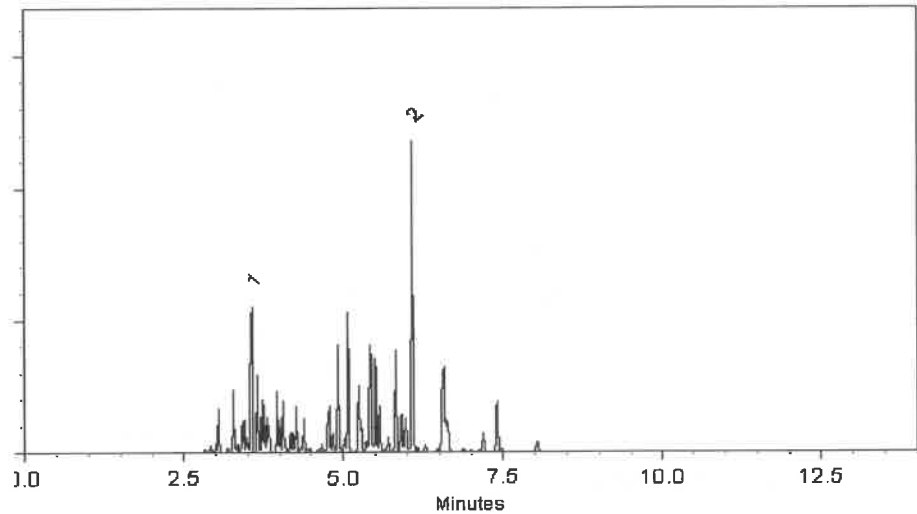
ECD

Split Vent:

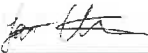
10 ml/min.

Inj. Vol

0.2µl

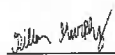


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


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:

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

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32007 **Lot No.:** A0215270

Description : Aroclor® 1221 Standard
Aroclor® 1221 Standard 1,000 µg/mL, Hexane, 1mL/ampul

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

Expiration Date : November 30, 2030 **Storage:** 25°C nominal

Handling: This product contains PCBs. **Ship:** Ambient

P13902 } Y.P.
P13703 } 10/17/24

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	14969200	----%	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:

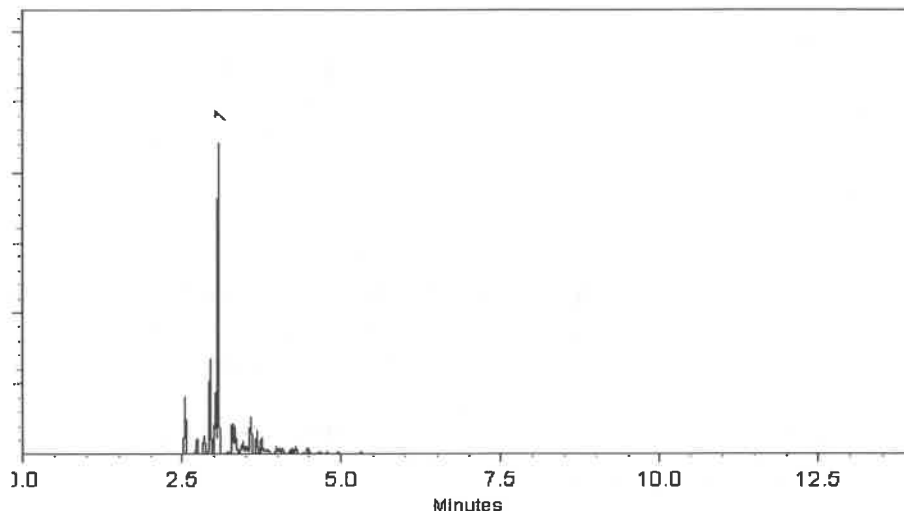
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 16-Aug-2024

Balance Serial # 1128360905

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 20-Aug-2024

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

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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:

heliu-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

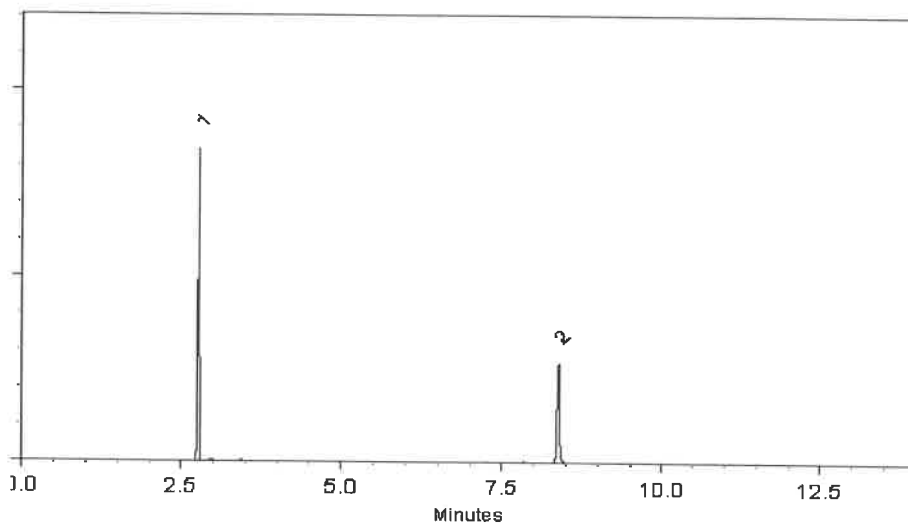
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

A.O.E.
Aaron Enyart - Operations Tech I

Date Mixed: 29-Jul-2024

Balance Serial # B345965662

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 01-Aug-2024

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



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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
AJ
12/09/24

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

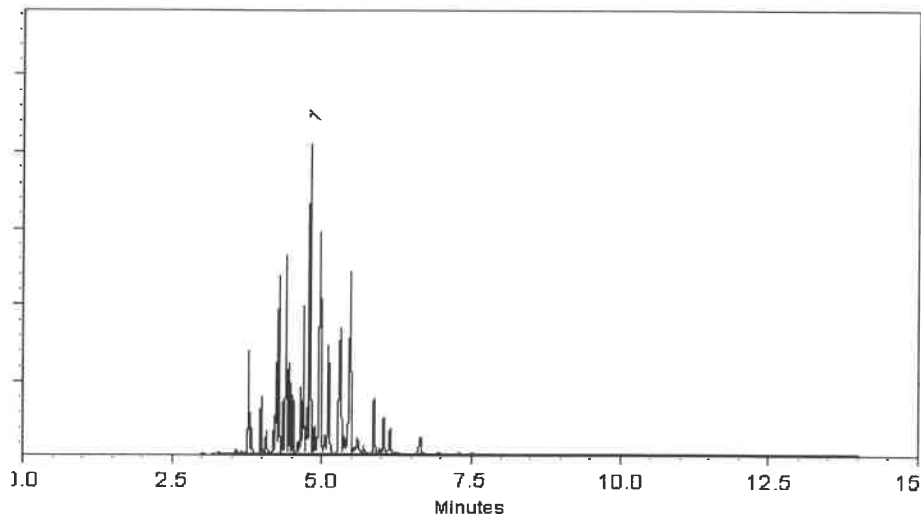
ECD

Split Vent:

300 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Oct-2024

Balance Serial # C322230531

Jennifer Pollino
Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 07-Oct-2024

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



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 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
↓
P13850

AJ
01/28/25

Quality Confirmation Test

Column:

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

Carrier Gas:

helium-constant pressure 20 psi.

Temp. Program:

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

Inj. Temp:

250°C

Det. Temp:

300°C

Det. Type:

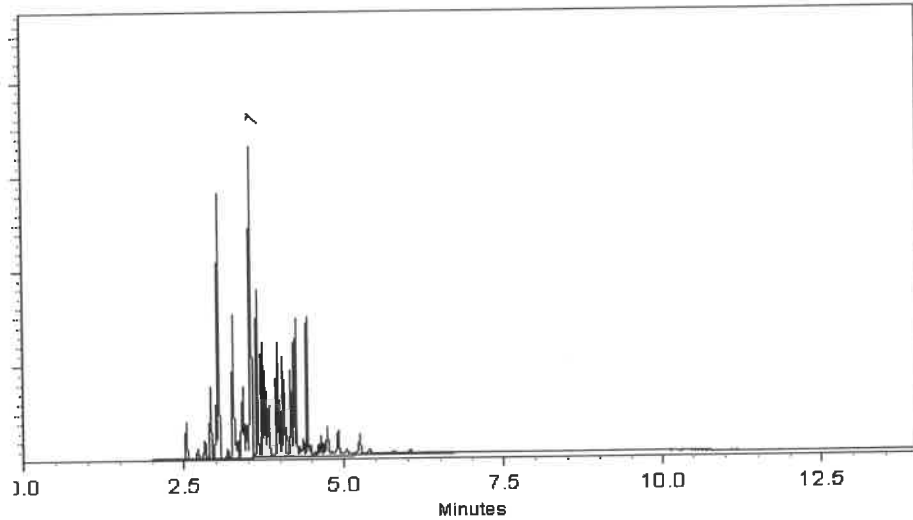
ECD

Split Vent:

10 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Michael Maye
Michael Maye - Operations Tech I

Date Mixed: 02-Dec-2024

Balance Serial # C322230531

Brittany Federinko
Brittany Federinko - Operations Tech I

Date Passed: 05-Dec-2024

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



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CERTIFIED REFERENCE MATERIAL

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 32409 **Lot No.:** A0220950

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

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

Expiration Date : April 30, 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 1262	37324-23-5	10849100	----%	1,002.0 µg/mL	+/- 55.6035

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

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

P13882

↓

P13883

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:

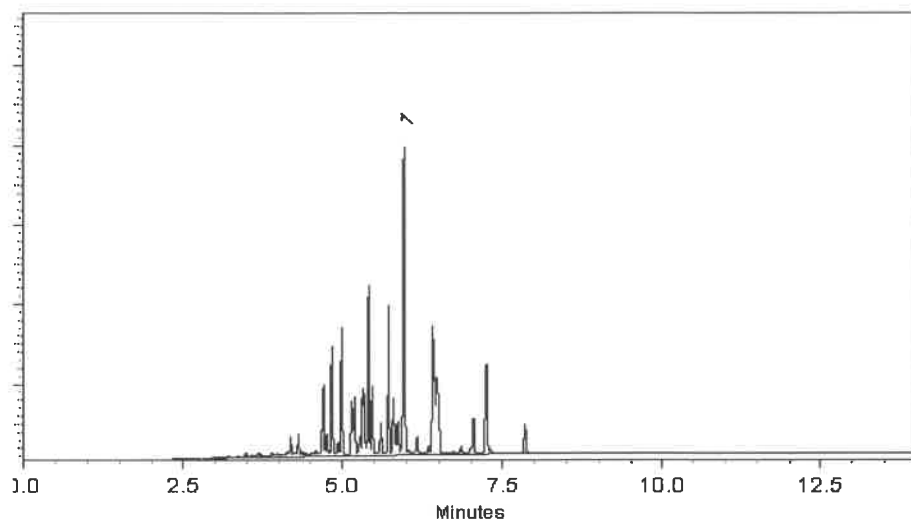
ECD

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.


Tom Suckar - Mix Technician

Date Mixed: 09-Jan-2025

Balance Serial # C322230531


Brittany Federinko - Operations Tech I

Date Passed: 14-Jan-2025

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

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



Material No.: 9262-03
Batch No.: 24G1962003
Manufactured Date: 2024-05-23
Expiration Date: 2025-08-22
Revision No.: 0

W3147
W3147
02/03/2023
JP

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 ₂ SO ₄	Passes Test	Passes Test
Water (by KF, coulometric)	≤ 0.05 %	< 0.01 %

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

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

J. Croak
Jamie Croak
Director Quality Operations, Bioscience Products



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Chemtech

Phone: (908) 789-8900

Fax: (908) 789-8922

284 Sheffield Street, Mountainside, NJ 07092

Company Name	Nobis Group

Address: 55 Technology Dr Suite 101, Lowell, MA 01851

Phone: 978-703-6014

Project Name:	Raymark

Project Location: Stratford, CT

Project Number: 95700

Project Manager: Adam Roy

Con-Test	Quote	Name/Number
1	1	1
2	2	2
3	3	3
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93	93	93
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99	99	99
100	100	100

Invoice Recipient:

Sampled By: A. Brittingham

<http://www.contestlabs.com>

CHAIN OF CUSTODY RECORD

39 Spruce Street
East Longmeadow, MA 01028

Doc # 381 Rev 4 01/08/2020

Page 1 of 1

Fax: (908) 789-8922		284 Sheffield Street, Mountainside, NJ 07092		Company Name: <u>Nobis Group</u>		Address: <u>55 Technology Dr Suite 101, Lowell, MA 01851</u>		Phone: <u>978-703-6014</u>		Project Name: <u>Raymark</u>		Project Location: <u>Stratford, CT</u>		Project Number: <u>95700</u>		Project Manager: <u>Adam Roy</u>		Con-Test Quote Name/Numbe		Invoice Recipient:		Sampled By: <u>A. Brittingham</u>		Requested Turnaround Time 5-Day ☒ 10-Day ☐ PFAS 10-Day (std) ☐ Due Date:		Dissolved Metals Samples ☐ Field Filtered ☐ Lab to Filter		ANALYSIS REQUESTED										2 Preservation Code					
																								Rush-Approval Required 1-Day ☐ 3-Day ☒ 2-Day ☐ 4-Day ☐		Orthophosphate Samples ☐ Field Filtered ☐ Lab to Filter												Total Number Of: VIALS _____ GLASS _____ PLASTIC _____ BACTERIA _____ ENCORE _____					
																								Data Delivery Format: PDF ☒ EXCEL ☒ Other: CLP Like Data Pkg Required: ☐ No Email To: <u>aroy@nobis-group.com</u> Fax To #:		PCB ONLY SOXHLET ☒ NON SOXHLET ☐												Glassware in the fridge? Y / N					
Con-Test Work Order#		Client Sample ID / Description		Beginning Date/Time		Ending Date/Time		COMP/GRAS		Matrix Code		Conc Code		VIALS		GLASS		PLASTIC		BACTERIA		ENCORE		RCP VOCs		% Solids		PAHs		Herbicides		Pesticides		PCBs		Metals ICP + Hg - 6010		Cyanide		SPLP RCP Metals - 6020		Glassware in freezer? Y / N	
		OU4-TS-Grillo-TSCP03-081425		8/14/25		11:30		G		SO				3		2		1						X		X		X		X		X		X		X		X		Prepackaged Cooler? Y / N			
		OU4-TS-Grillo-TSCP04-081425		8/14/25		11:35		G		SO				3		2		1						X		X		X		X		X		X		X		X		*Contest is not responsible for missing samples from prepacked coolers			
		OU4-TS-Grillo-TSCP05-081425		8/14/25		11:40		G		SO				3		2		1						X		X		X		X		X		X		X							
		OU4-TS-Grillo-TSCP06-081425		8/14/25		11:45		G		SO				3		2		1						X		X		X		X		X		X		X							
		OU4-TS-Grillo-TSCP07-081425		8/14/25		11:50		G		SO				3		2		1						X		X		X		X		X		X		X							
		OU4-TS-Grillo-TSCP08-081425		8/14/25		11:55		G		SO				3		2		1						X		X		X		X		X		X		X							
		OU4-TS-Grillo-TSCP09-081425		8/14/25		12:00		G		SO				3		2		1						X		X		X		X		X		X		X							
		OU4-TS-Grillo-TSCP10-081425		8/14/25		12:05		G		SO				3		2		1						X		X		X		X		X		X		X							
		OU4-TS-Grillo-TSCP11-081425		8/14/25		12:10		G		SO				3		2		1						X		X		X		X		X		X		X							
Relinquished by: (signature)		Date/Time: <u>8/15 9:09</u>		Client Comments: <u>3-2</u>																																							
Received by: (signature)		Date/Time: <u>8/15 9:09</u>																																									
Relinquished by: (signature)		Date/Time:		Detection Limit Requirements										Special Requirements										Please use the following codes to indicate possible sample concentration within the Conc Code column above: H - High; M - Medium; L - Low; C - Clean; U - Unknown																			
				MA ☐										MA MCP Required ☐																													
														MCP Certification Form Required ☐																													
				CT ☒										CT RCP Required ☐																													
Received by: (signature)		Date/Time:												RCP Certification Form Required ☐																													
Relinquished by: (signature)		Date/Time:												MA State DW Required ☐																													
Received by: (signature)		Date/Time:		Other: ☐										PWSID #										NELAC and AIHA-LAP, LLC Accredited																			
Relinquished by: (signature)		Date/Time:		Project Entity										Other ☐ Chromatogram																													
Received by: (signature)		Date/Time:		Government ☐ Municipality ☐ MWRA ☐ WRTA ☐										☐ AIHA-LAP, LLC																													
				Federal ☐ 21 J ☐ School ☐																																							
				City ☐ Brownfield ☐ MBTA																																							

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312

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LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2879	NOBI03	Order Date : 8/15/2025 9:15:00 AM	Project Mgr :
Client Name : Nobis Group		Project Name : Raymark Superfund Site	Report Type : Level 4
Client Contact : Adam Roy		Receive DateTime : 8/15/2025 9:09:00 AM	EDD Type : EQUIS
Invoice Name : Nobis Group		Purchase Order :	Hard Copy Date :
Invoice Contact : Adam Roy			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
Q2879-01	OU4-TS-GRILLO-TSCP03-081425	Solid	08/14/2025	11:30					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-03	OU4-TS-GRILLO-TSCP04-081425	Solid	08/14/2025	11:35					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-05	OU4-TS-GRILLO-TSCP05-081425	Solid	08/14/2025	11:40					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-07	OU4-TS-GRILLO-TSCP06-081425	Solid	08/14/2025	11:45					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-09	OU4-TS-GRILLO-TSCP07-081425	Solid	08/14/2025	11:50					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-11	OU4-TS-GRILLO-TSCP08-081425	Solid	08/14/2025	11:55					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-13	OU4-TS-GRILLO-TSCP09-081425	Solid	08/14/2025	12:00					
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-15	OU4-TS-GRILLO-TSCP10-081425	Solid	08/14/2025	12:05					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : Q2879	NOBI03	Order Date : 8/15/2025 9:15:00 AM	Project Mgr :
Client Name : Nobis Group		Project Name : Raymark Superfund Site	Report Type : Level 4
Client Contact : Adam Roy		Receive DateTime : 8/15/2025 9:09:00 AM	EDD Type : EQUIS
Invoice Name : Nobis Group		Purchase Order :	Hard Copy Date :
Invoice Contact : Adam Roy			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					VOCMS Group3		8260D	5 Bus. Days	
Q2879-17	OU4-TS-GRILLO-TSCP11-081425	Solid	08/14/2025	12:10					
					VOCMS Group3		8260D	5 Bus. Days	

Relinquished By :

Date / Time :


8/15/25 1230

Received By :

Date / Time :


08/15/25 12:30 Ng H 6 22 2

Storage Area : VOA Refridgerator Room

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 12:54
 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: Aug 01 13:10:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 13:02:12 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.658	3.807	28863110	91466480	27.077	22.767
2) SA Decachlor...	10.435	8.827	25421801	149.8E6	27.450	24.664
Target Compounds						
3) L1 AR-1016-1	5.810	4.907	10964759	100.9E6	281.744	251.671
4) L1 AR-1016-2	5.832	4.965	16172490	49571013	281.221	259.123
5) L1 AR-1016-3	5.895	5.085	10675549	28731399	285.290	266.268
6) L1 AR-1016-4	5.991	5.126	8965609	27406022	287.521	254.800
7) L1 AR-1016-5	6.284	5.340	9320877	29720771	300.822	252.036
31) L7 AR-1260-1	7.401	6.557	16203062	109.5E6	304.635	267.207
32) L7 AR-1260-2	7.653	6.711	18253217	76433717	290.773	249.893
33) L7 AR-1260-3	8.011	6.922	14251387	95830018	283.827	237.590
34) L7 AR-1260-4	8.240	7.182	16666094	70195428	280.066	237.501
35) L7 AR-1260-5	8.565	7.421	29333116	183.1E6	275.424	232.969

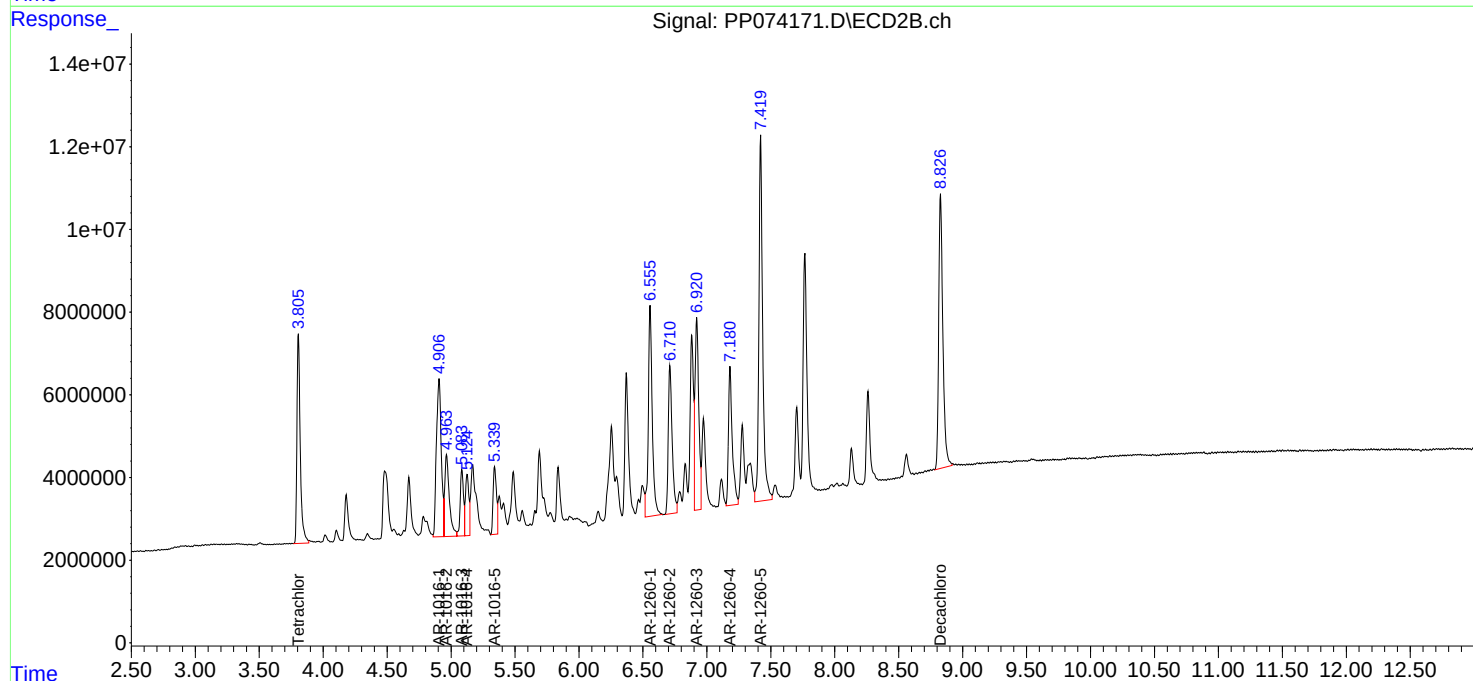
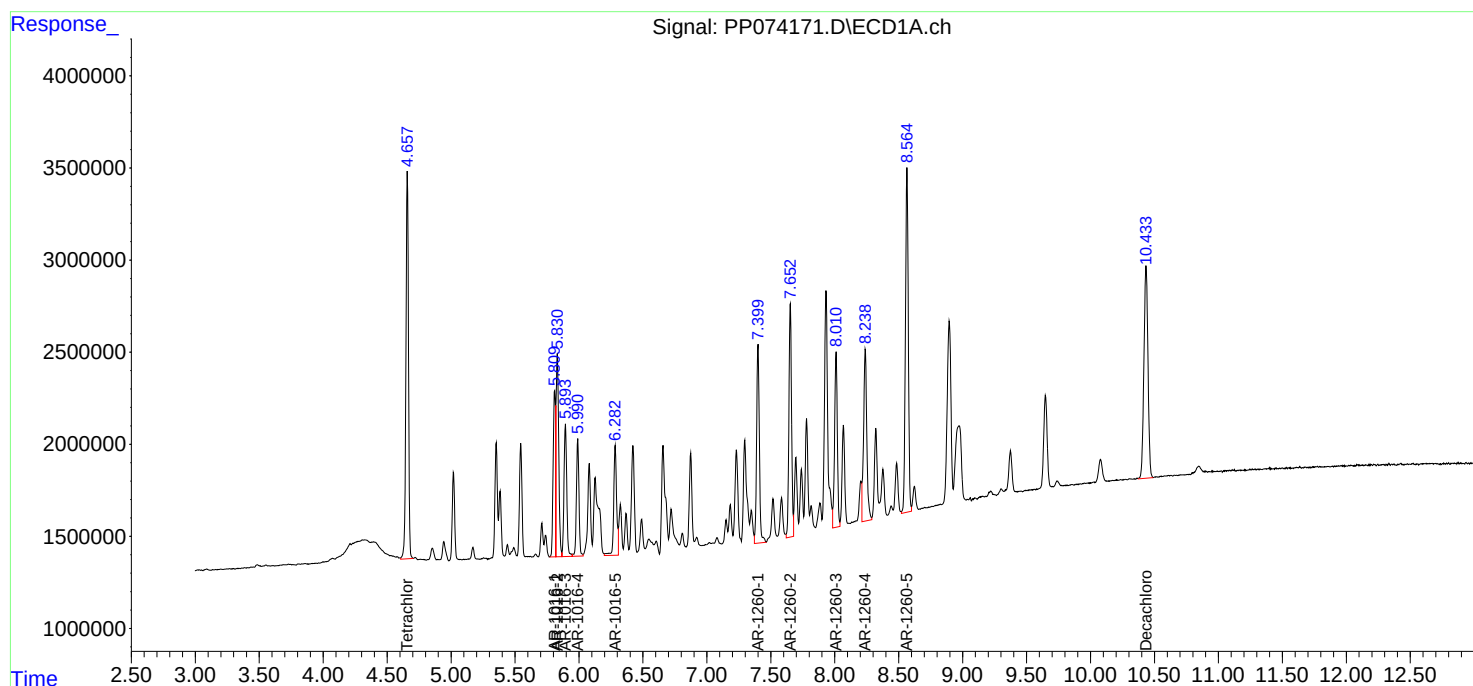
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

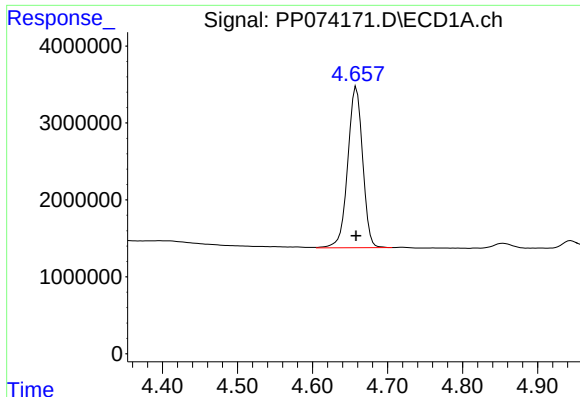
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074171.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 12:54
Operator : YP\AJ
Sample : AR1660ICC250
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 13:10:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 13:02:12 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

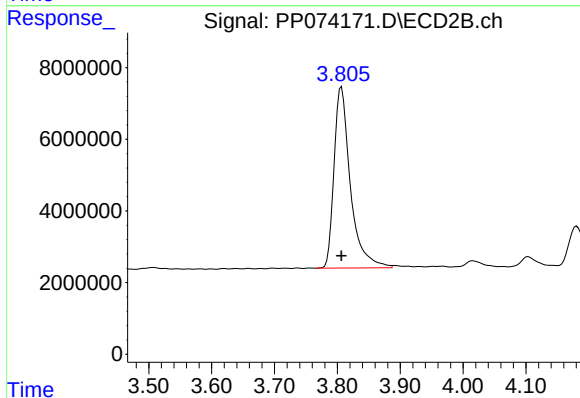




#1 Tetrachloro-m-xylene

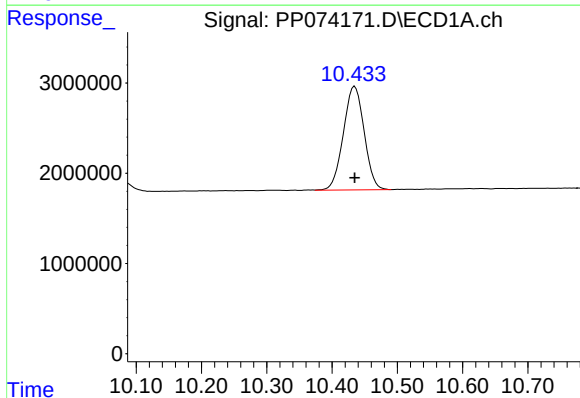
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 28863110
Conc: 27.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



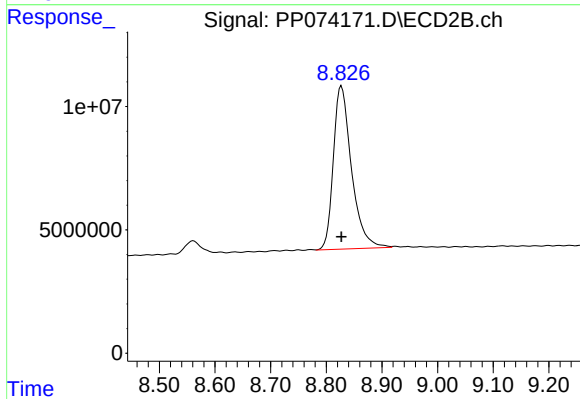
#1 Tetrachloro-m-xylene

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 91466480
Conc: 22.77 ng/ml



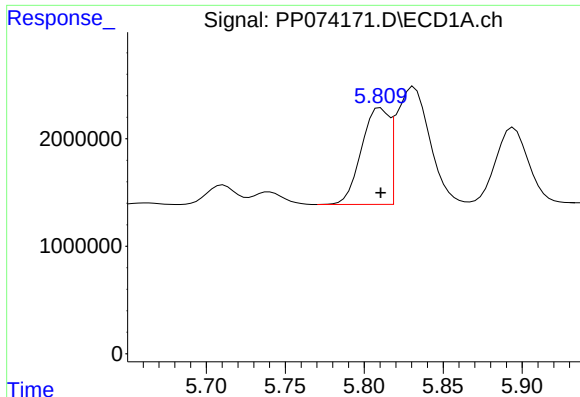
#2 Decachlorobiphenyl

R.T.: 10.435 min
Delta R.T.: 0.000 min
Response: 25421801
Conc: 27.45 ng/ml



#2 Decachlorobiphenyl

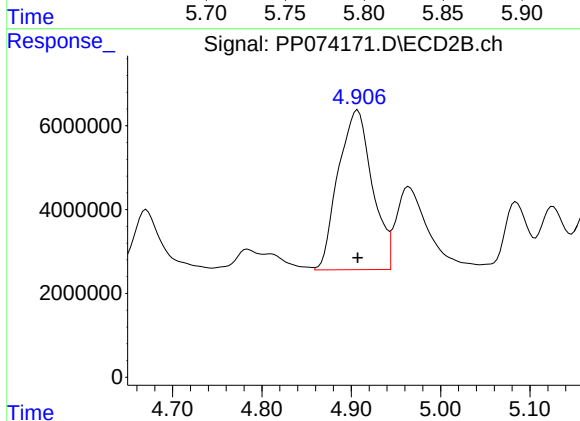
R.T.: 8.827 min
Delta R.T.: 0.000 min
Response: 149786727
Conc: 24.66 ng/ml



#3 AR-1016-1

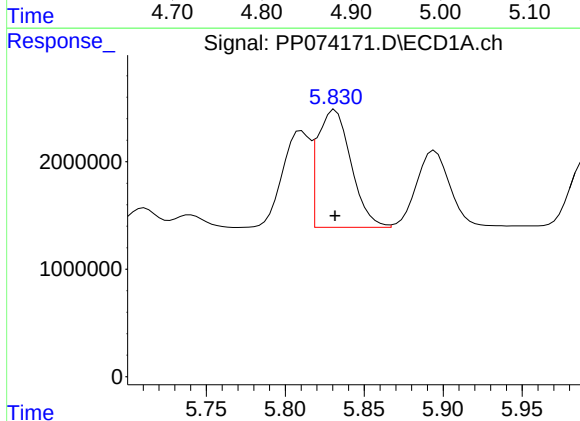
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 10964759
Conc: 281.74 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



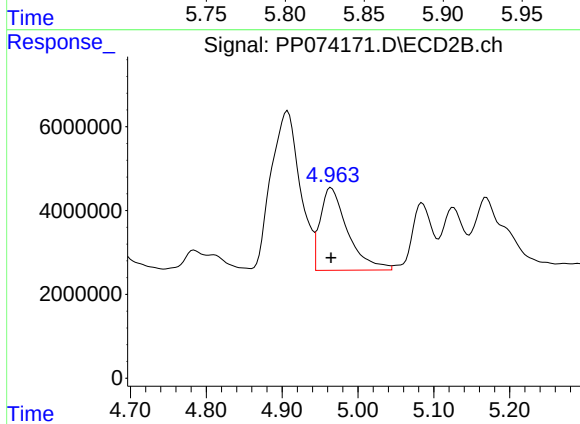
#3 AR-1016-1

R.T.: 4.907 min
Delta R.T.: 0.000 min
Response: 100933839
Conc: 251.67 ng/ml



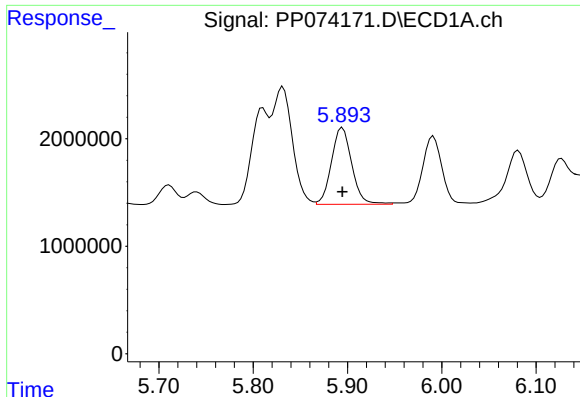
#4 AR-1016-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 16172490
Conc: 281.22 ng/ml



#4 AR-1016-2

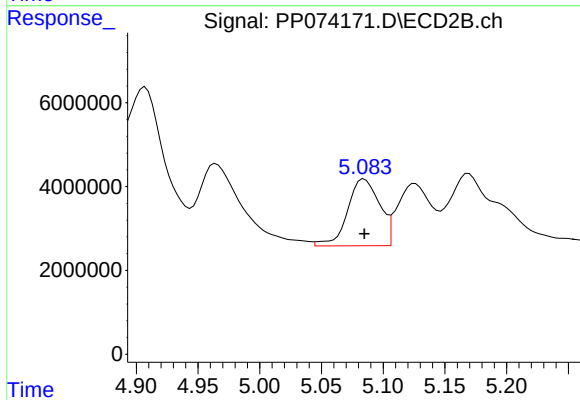
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 49571013
Conc: 259.12 ng/ml



#5 AR-1016-3

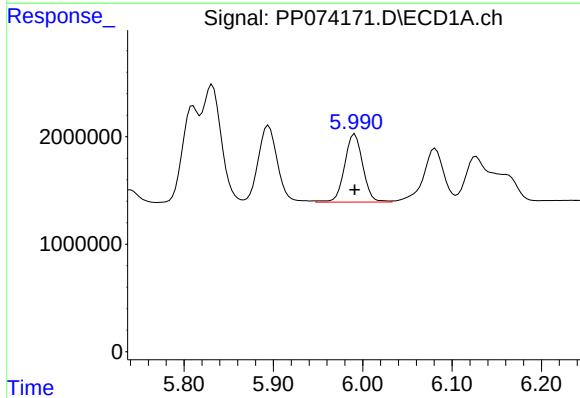
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 10675549
Conc: 285.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



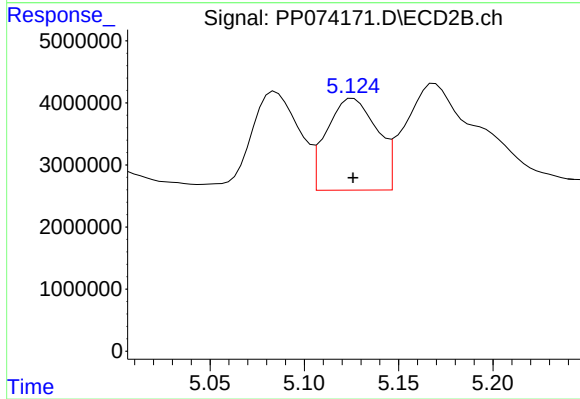
#5 AR-1016-3

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 28731399
Conc: 266.27 ng/ml



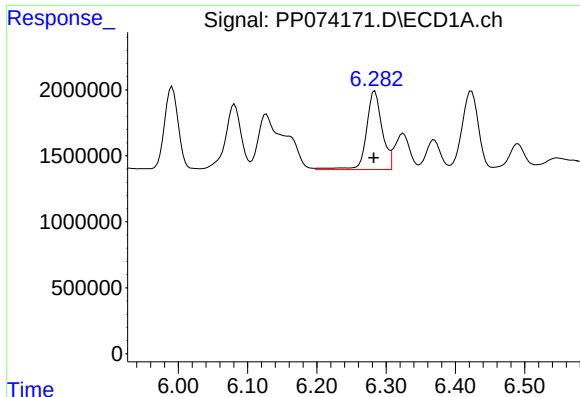
#6 AR-1016-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 8965609
Conc: 287.52 ng/ml



#6 AR-1016-4

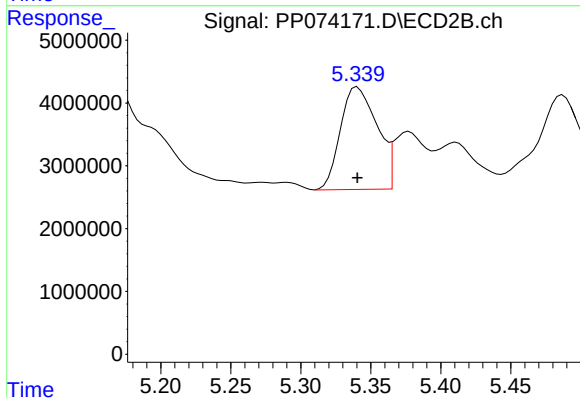
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 27406022
Conc: 254.80 ng/ml



#7 AR-1016-5

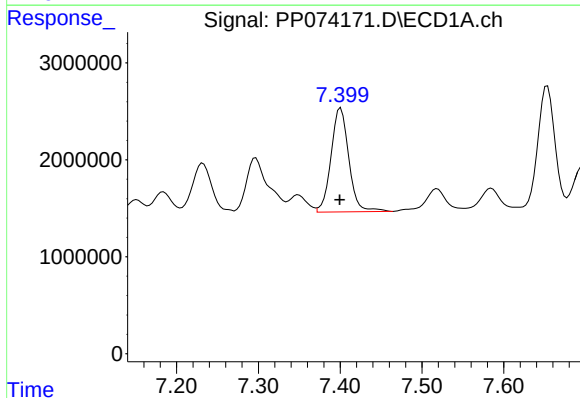
R.T.: 6.284 min
Delta R.T.: 0.001 min
Response: 9320877
Conc: 300.82 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



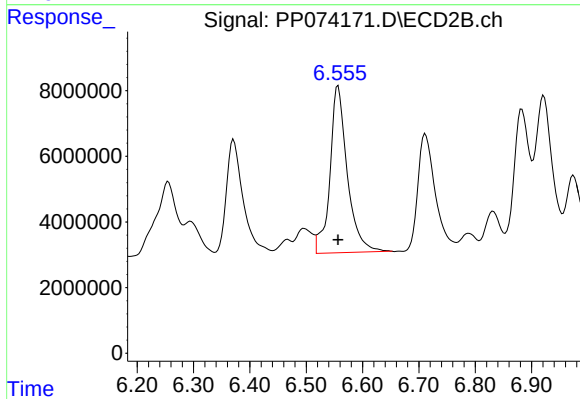
#7 AR-1016-5

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 29720771
Conc: 252.04 ng/ml



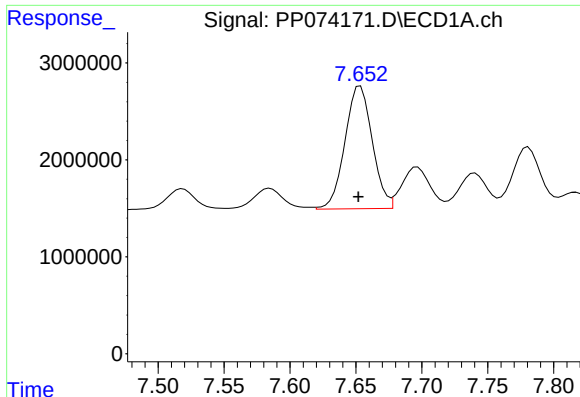
#31 AR-1260-1

R.T.: 7.401 min
Delta R.T.: 0.001 min
Response: 16203062
Conc: 304.63 ng/ml



#31 AR-1260-1

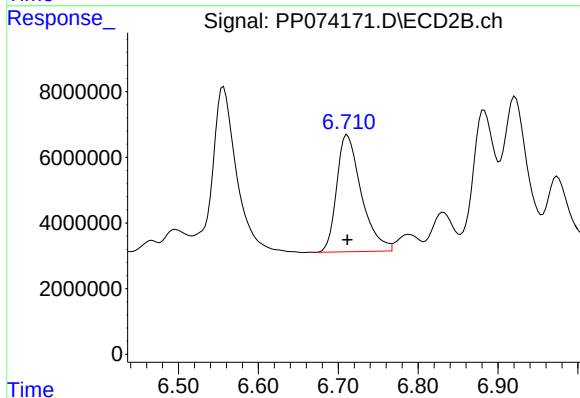
R.T.: 6.557 min
Delta R.T.: 0.000 min
Response: 109526607
Conc: 267.21 ng/ml



#32 AR-1260-2

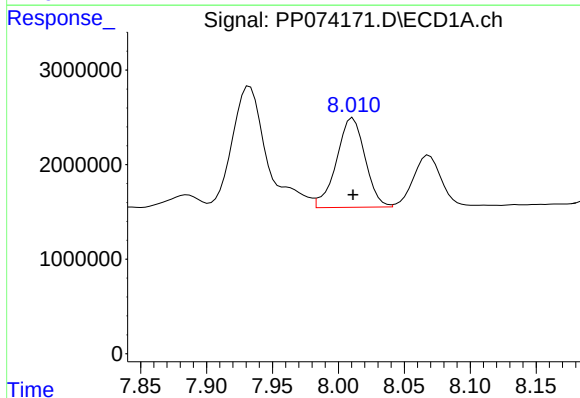
R.T.: 7.653 min
Delta R.T.: 0.001 min
Response: 18253217
Conc: 290.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



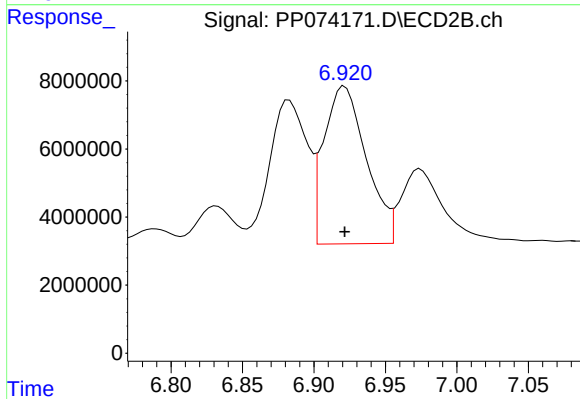
#32 AR-1260-2

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 76433717
Conc: 249.89 ng/ml



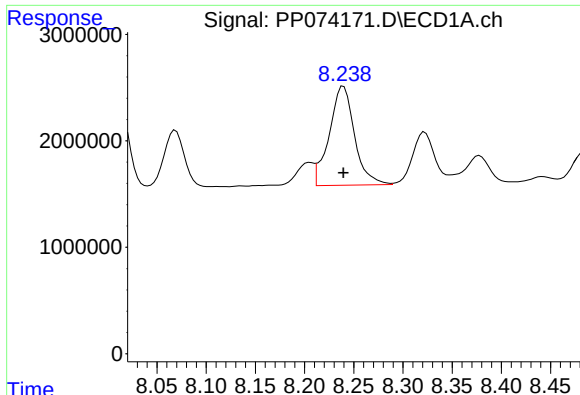
#33 AR-1260-3

R.T.: 8.011 min
Delta R.T.: 0.000 min
Response: 14251387
Conc: 283.83 ng/ml



#33 AR-1260-3

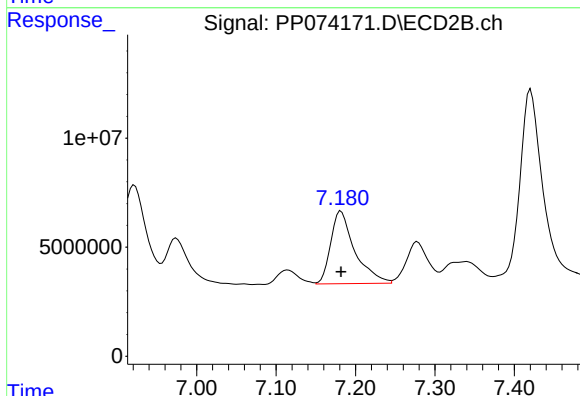
R.T.: 6.922 min
Delta R.T.: 0.000 min
Response: 95830018
Conc: 237.59 ng/ml



#34 AR-1260-4

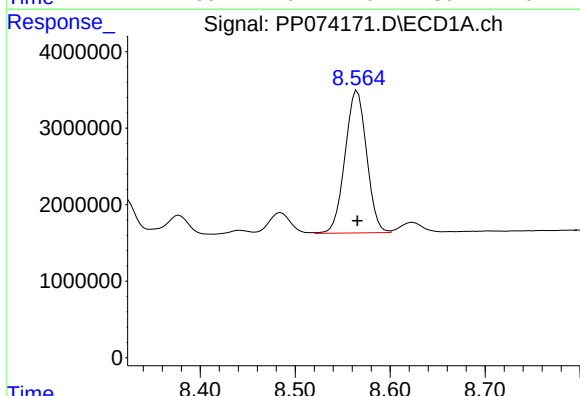
R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 16666094
Conc: 280.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC250



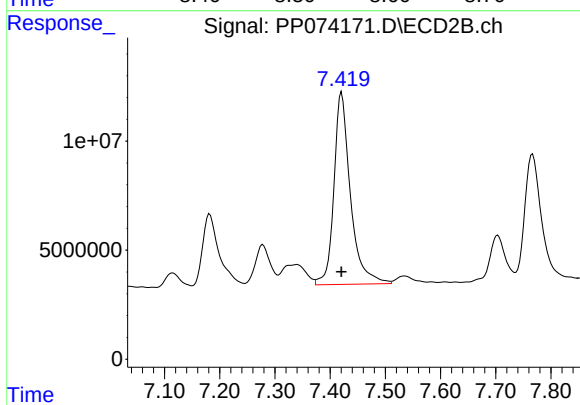
#34 AR-1260-4

R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 70195428
Conc: 237.50 ng/ml



#35 AR-1260-5

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 29333116
Conc: 275.42 ng/ml



#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 183122844
Conc: 232.97 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074172.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 13:10
 Operator : YP\AJ
 Sample : AR1660ICC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1660ICC050

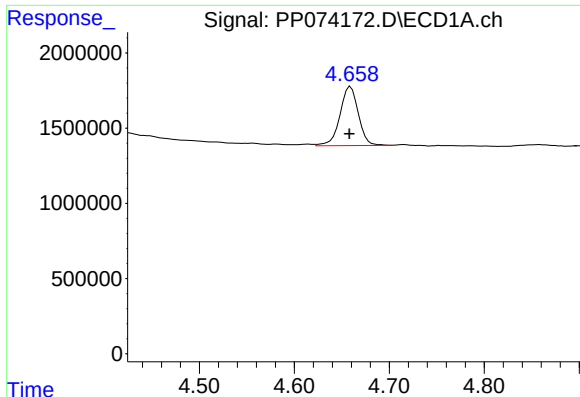
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 13:23:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 13:23:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.802	5276522	10952936	4.987	2.999 #
2) SA Decachlor...	10.437	8.824	4796081	22193655	5.142	3.862
Target Compounds						
3) L1 AR-1016-1	5.811	4.904	1988336	14775918	50.869	38.889
4) L1 AR-1016-2	5.833	4.962	2791158	7843665	48.821	42.532
5) L1 AR-1016-3	5.896	5.082	1878829	4619486	50.167	44.079
6) L1 AR-1016-4	5.992	5.122	1465464	4449408	47.568	42.847
7) L1 AR-1016-5	6.285	5.337	1456706	4779894	47.504	42.129
31) L7 AR-1260-1	7.402	6.554	2907384	16702003	53.839	42.313
32) L7 AR-1260-2	7.655	6.708	3290166	11775837	51.766	40.356
33) L7 AR-1260-3	8.012	6.918	2515483	13666247	50.078	36.217 #
34) L7 AR-1260-4	8.241	7.178	2924100	9844627	49.308	35.692 #
35) L7 AR-1260-5	8.566	7.417	5505858	24685436	51.349	33.928 #

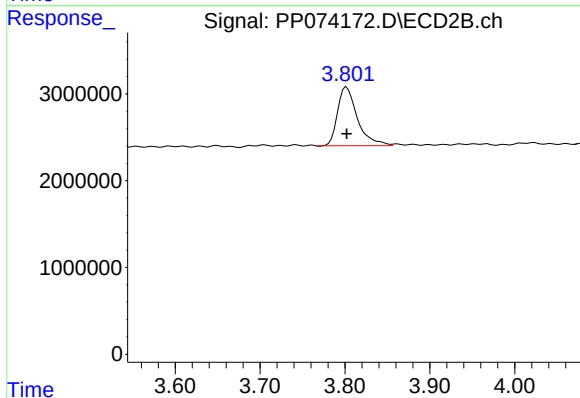
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

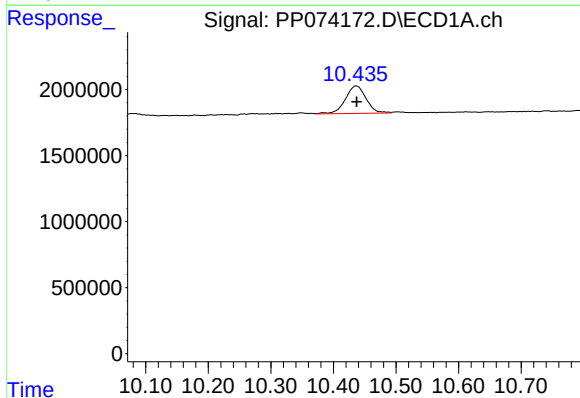
R.T.: 4.659 min
Delta R.T.: 0.001 min
Response: 5276522
Conc: 4.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



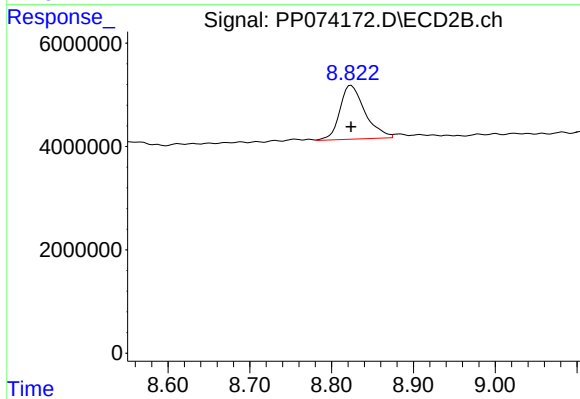
#1 Tetrachloro-m-xylene

R.T.: 3.802 min
Delta R.T.: 0.000 min
Response: 10952936
Conc: 3.00 ng/ml



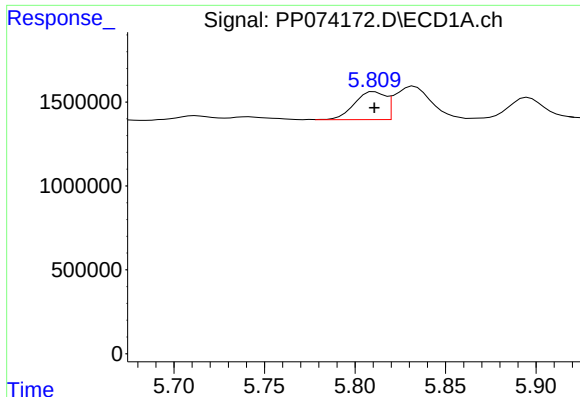
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 4796081
Conc: 5.14 ng/ml



#2 Decachlorobiphenyl

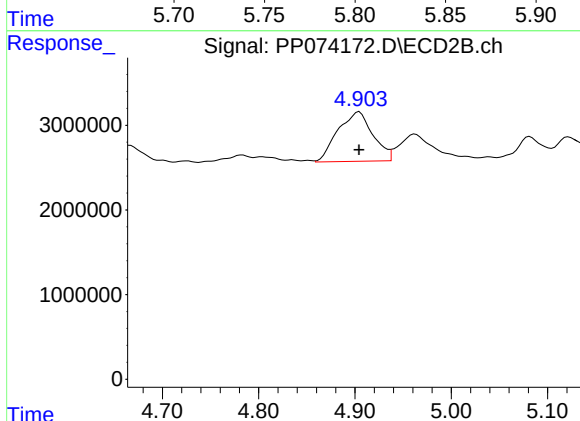
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 22193655
Conc: 3.86 ng/ml



#3 AR-1016-1

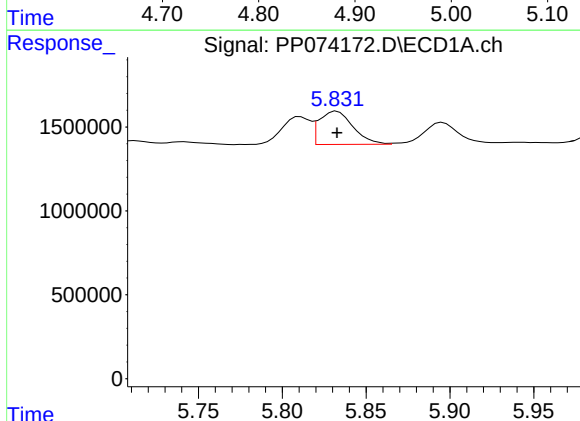
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 1988336
Conc: 50.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



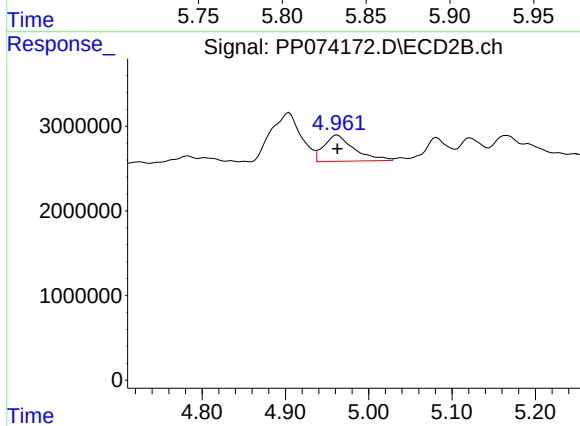
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 14775918
Conc: 38.89 ng/ml



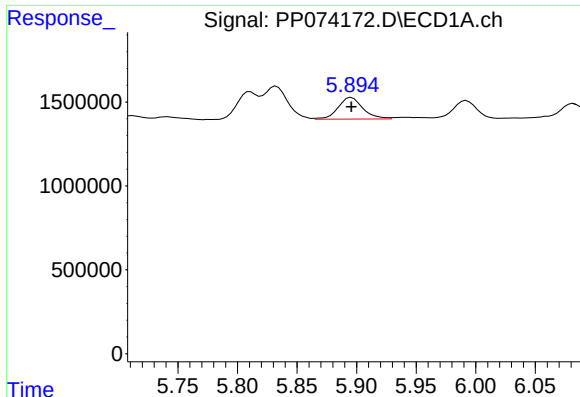
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: 0.000 min
Response: 2791158
Conc: 48.82 ng/ml



#4 AR-1016-2

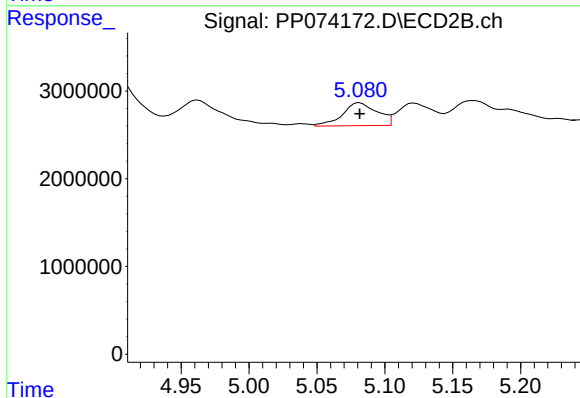
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7843665
Conc: 42.53 ng/ml



#5 AR-1016-3

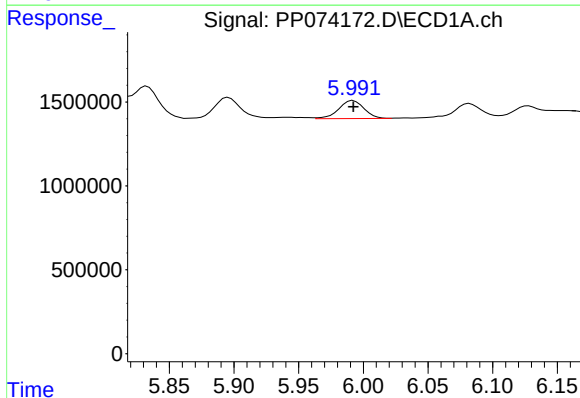
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 1878829
Conc: 50.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



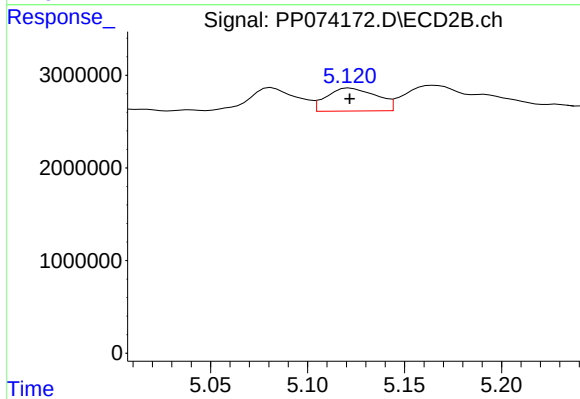
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4619486
Conc: 44.08 ng/ml



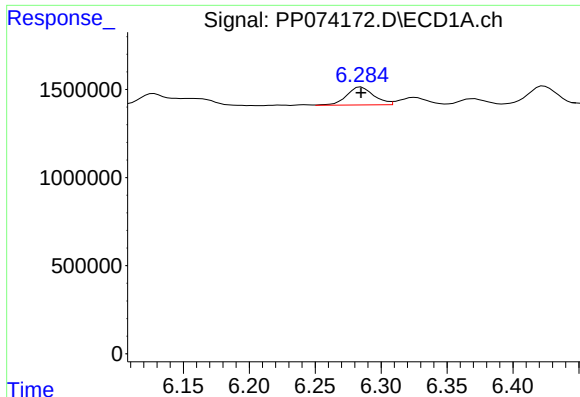
#6 AR-1016-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 1465464
Conc: 47.57 ng/ml



#6 AR-1016-4

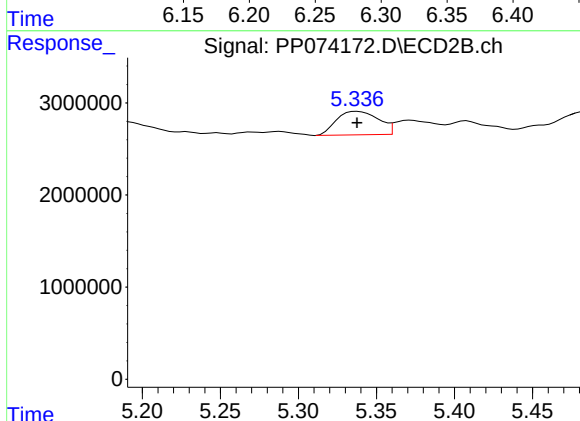
R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 4449408
Conc: 42.85 ng/ml



#7 AR-1016-5

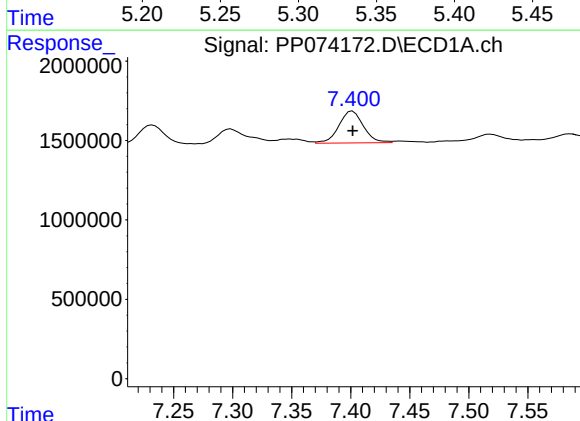
R.T.: 6.285 min
Delta R.T.: 0.000 min
Response: 1456706
Conc: 47.50 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



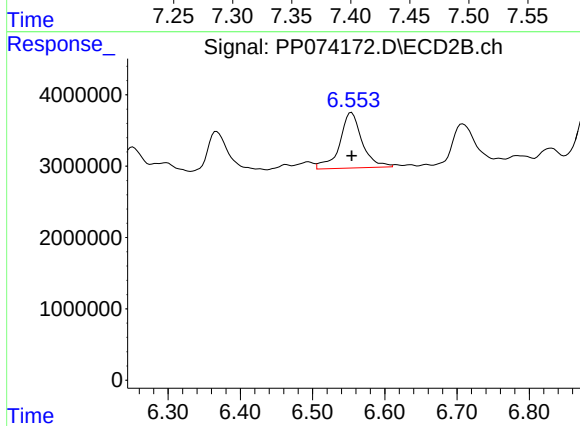
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 4779894
Conc: 42.13 ng/ml



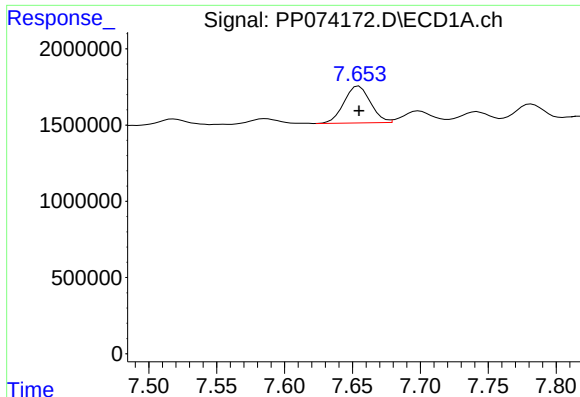
#31 AR-1260-1

R.T.: 7.402 min
Delta R.T.: 0.000 min
Response: 2907384
Conc: 53.84 ng/ml



#31 AR-1260-1

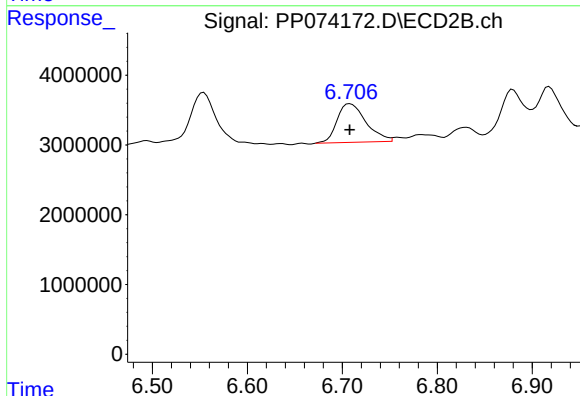
R.T.: 6.554 min
Delta R.T.: 0.000 min
Response: 16702003
Conc: 42.31 ng/ml



#32 AR-1260-2

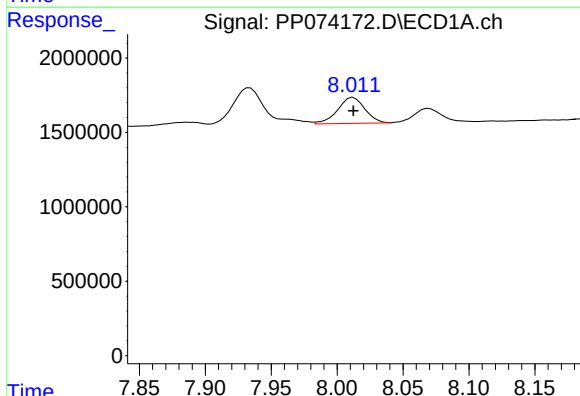
R.T.: 7.655 min
Delta R.T.: 0.000 min
Response: 3290166
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



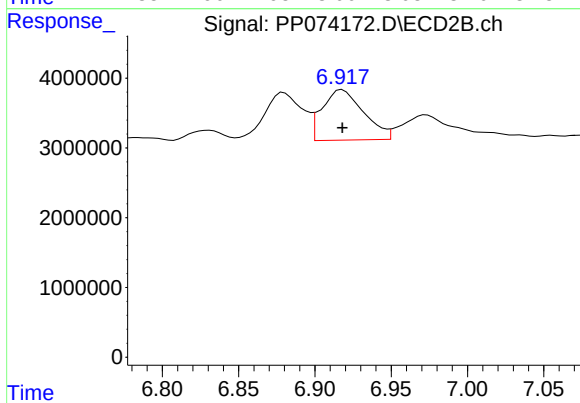
#32 AR-1260-2

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 11775837
Conc: 40.36 ng/ml



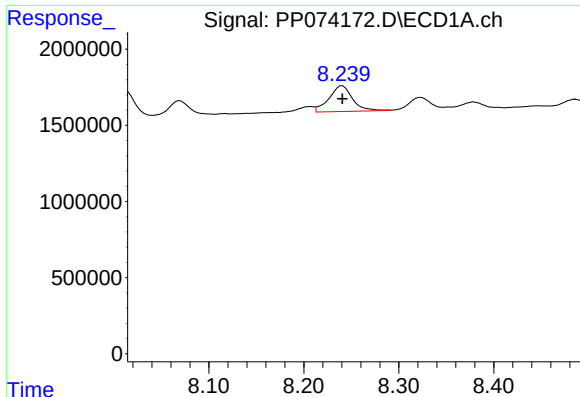
#33 AR-1260-3

R.T.: 8.012 min
Delta R.T.: 0.000 min
Response: 2515483
Conc: 50.08 ng/ml



#33 AR-1260-3

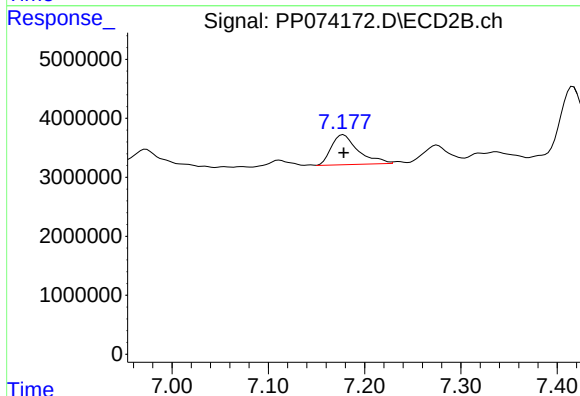
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 13666247
Conc: 36.22 ng/ml



#34 AR-1260-4

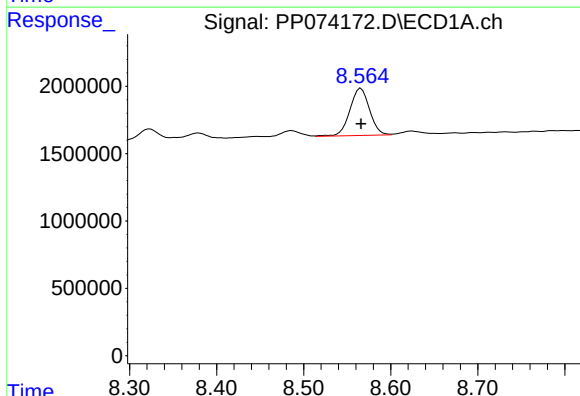
R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 2924100
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660ICC050



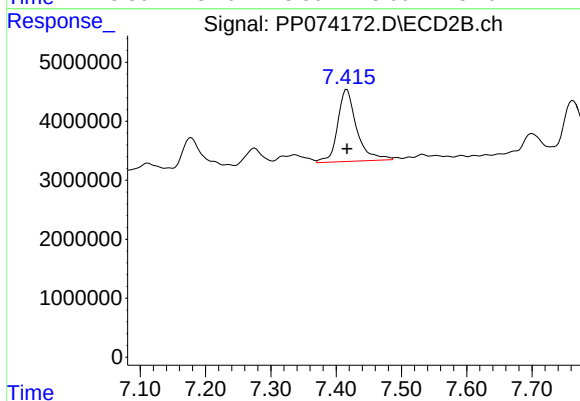
#34 AR-1260-4

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 9844627
Conc: 35.69 ng/ml



#35 AR-1260-5

R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 5505858
Conc: 51.35 ng/ml



#35 AR-1260-5

R.T.: 7.417 min
Delta R.T.: 0.000 min
Response: 24685436
Conc: 33.93 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074174.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 14:15
 Operator : YP\AJ
 Sample : AR1232ICC500
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1232ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:17:09 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:13:54 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.804	54684846	201.8E6	50.000	50.000
2) SA Decachlor...	10.437	8.826	47117835	301.0E6	50.000	50.000
Target Compounds						
8) L2 AR-1221-1	4.858	4.015	5316620	14977475	317.152	305.132
9) L2 AR-1221-2	4.945	4.101	4648979	12599168	368.936	351.056
10) L2 AR-1221-3	5.020	4.177	14518661	50681220	396.303	374.793
11) L3 AR-1232-1	5.020	4.177	14518661	50681220	500.000	500.000
12) L3 AR-1232-2	5.546	4.904	7521357	87133099	500.000	500.000
13) L3 AR-1232-3	5.832	5.081	14500854	22908311	500.000	500.000
14) L3 AR-1232-4	5.993	5.165	7734413	36297070	500.000	628.698 #
15) L3 AR-1232-5	6.082	5.338	5858006	23489726	500.000	500.000

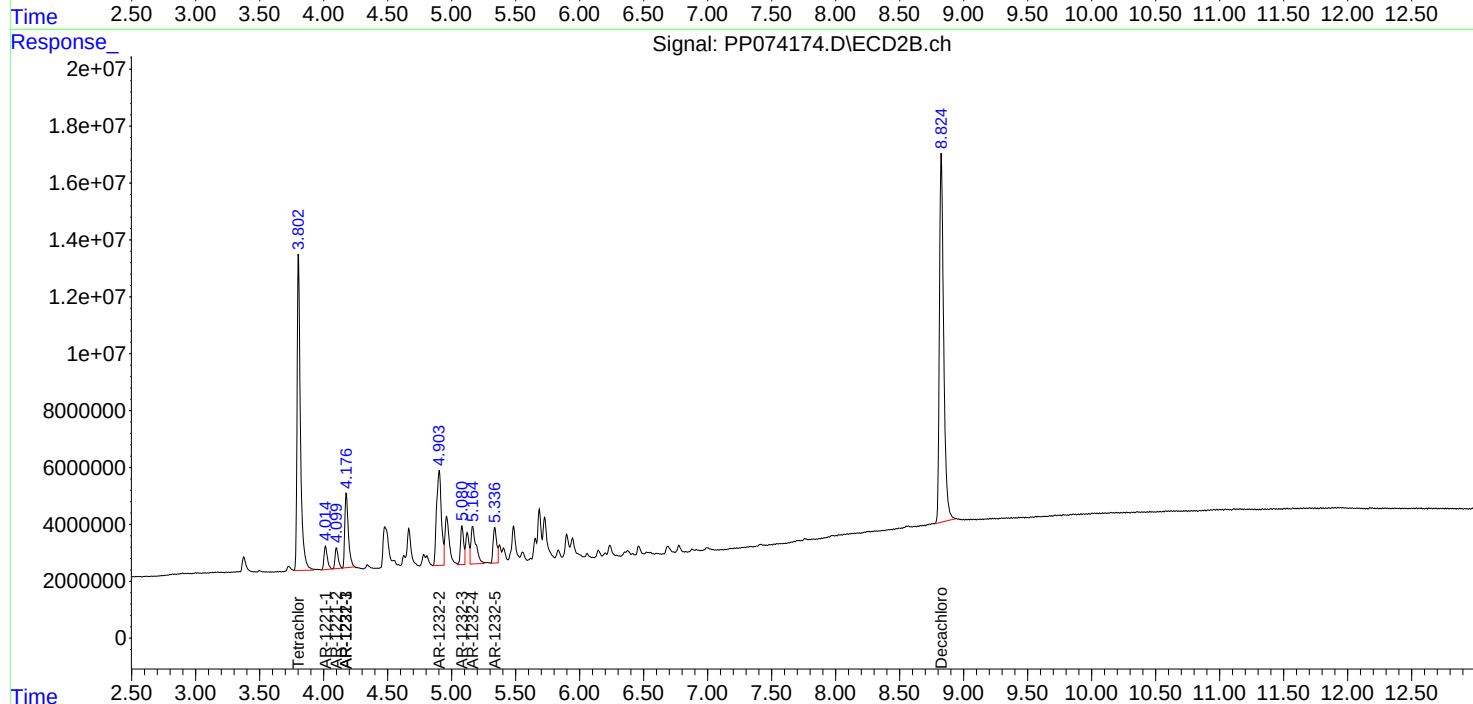
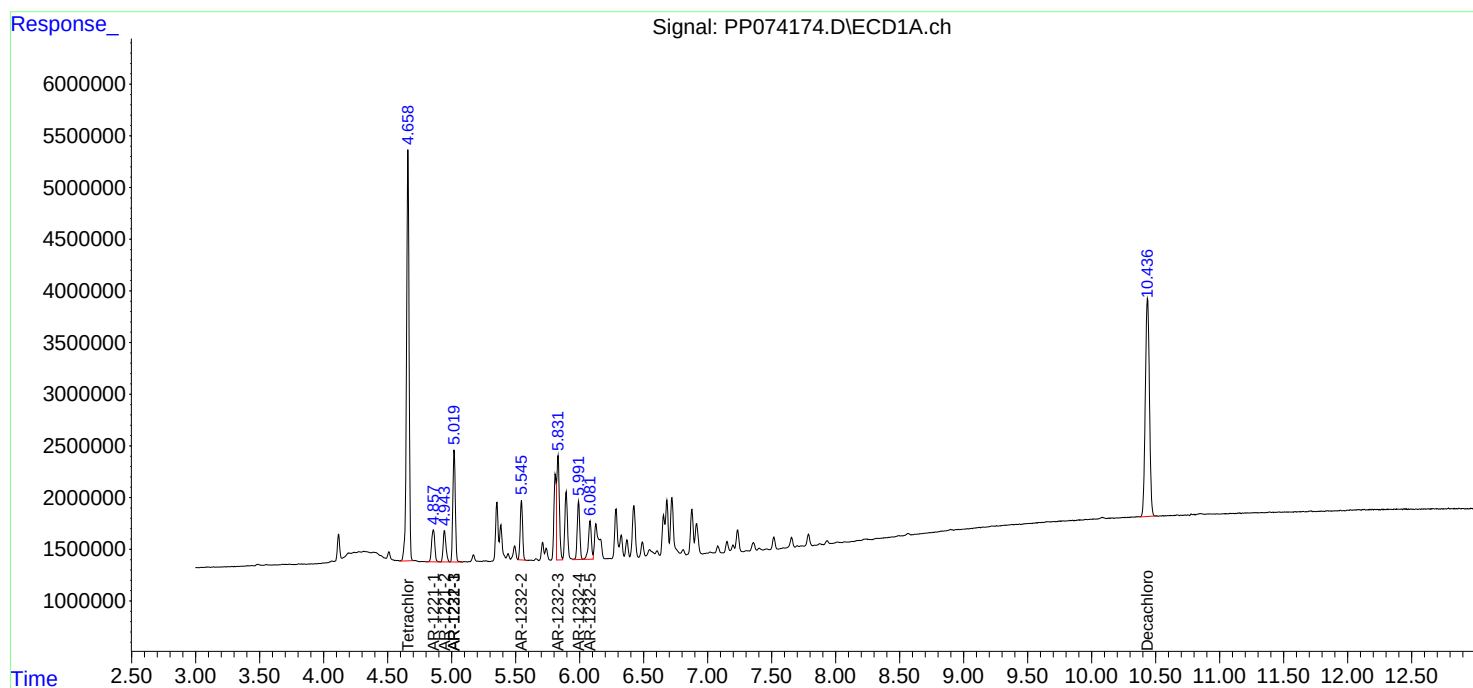
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

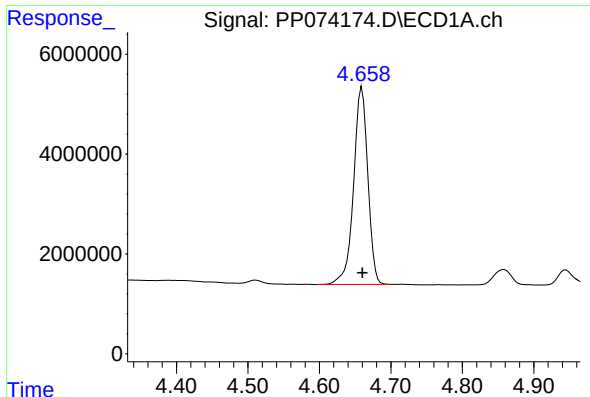
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074174.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:15
Operator : YP\AJ
Sample : AR1232ICC500
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:17:09 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:13:54 2025
Response via : Initial Calibration
Integrator: ChemStation

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

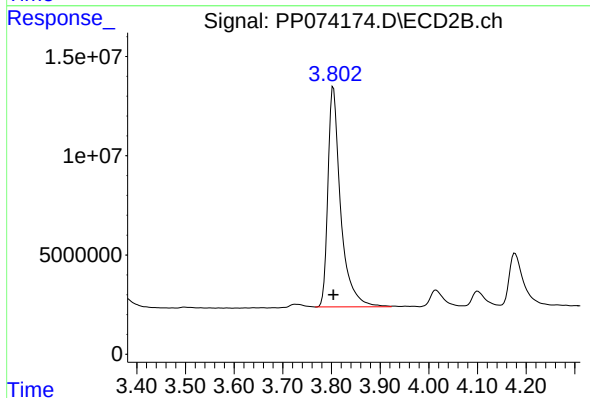




#1 Tetrachloro-m-xylene

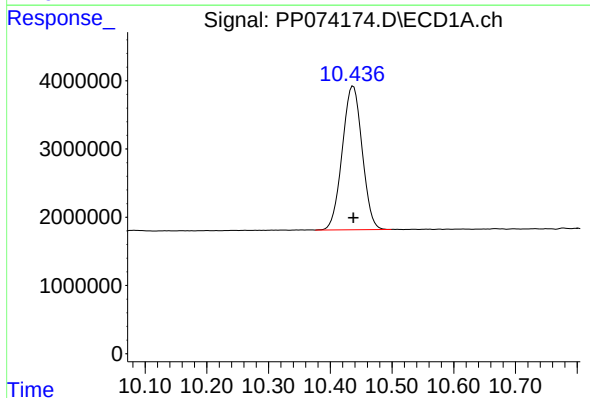
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54684846
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



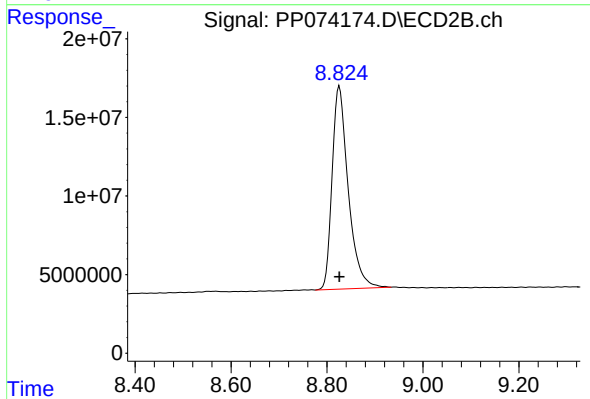
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 201821673
Conc: 50.00 ng/ml



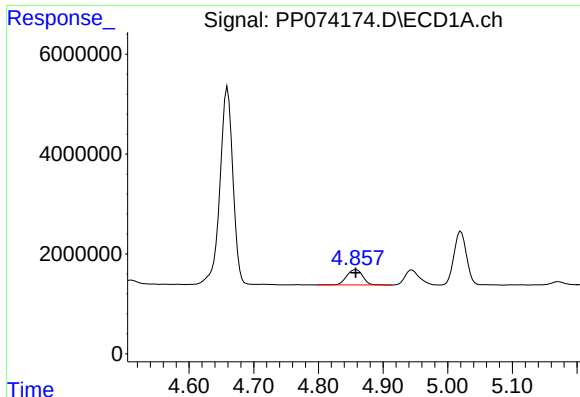
#2 Decachlorobiphenyl

R.T.: 10.437 min
Delta R.T.: 0.000 min
Response: 47117835
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

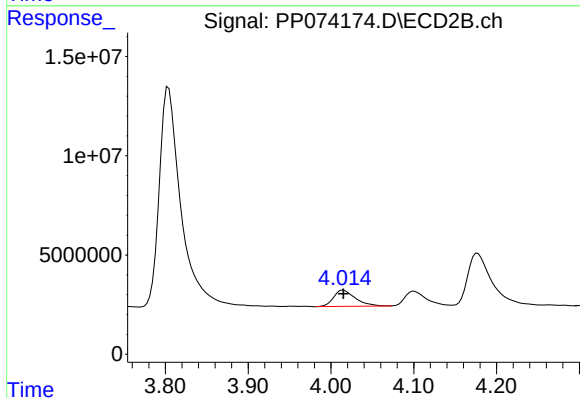
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 300994205
Conc: 50.00 ng/ml



#8 AR-1221-1

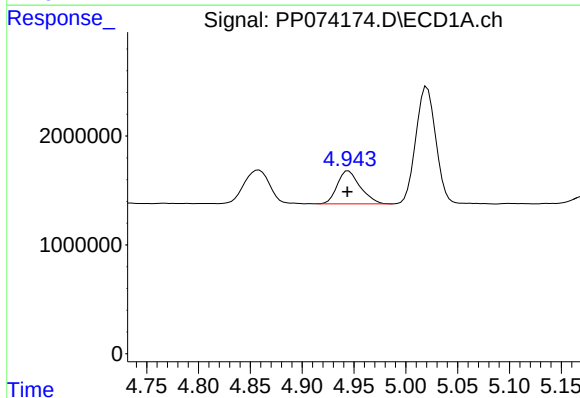
R.T.: 4.858 min
Delta R.T.: 0.000 min
Response: 5316620
Conc: 317.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



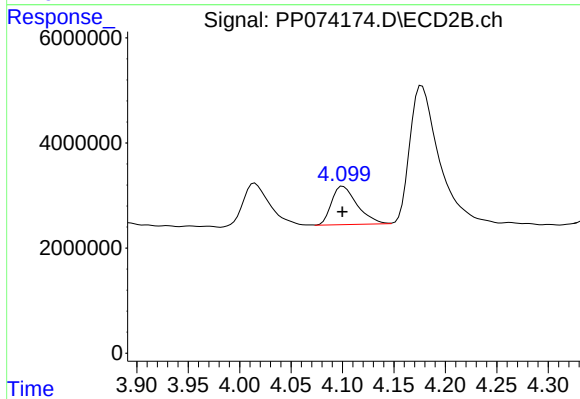
#8 AR-1221-1

R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 14977475
Conc: 305.13 ng/ml



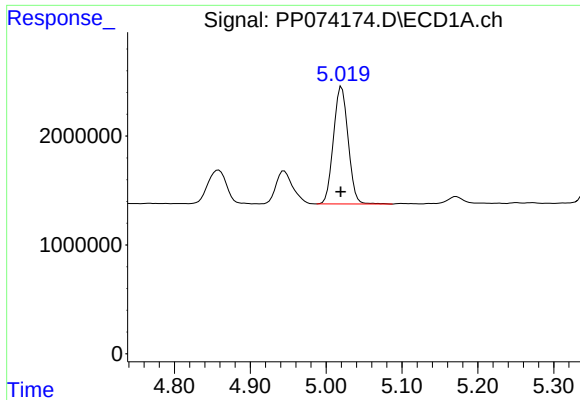
#9 AR-1221-2

R.T.: 4.945 min
Delta R.T.: 0.001 min
Response: 4648979
Conc: 368.94 ng/ml



#9 AR-1221-2

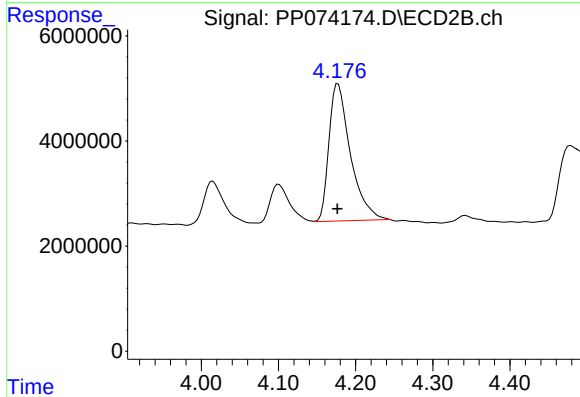
R.T.: 4.101 min
Delta R.T.: 0.000 min
Response: 12599168
Conc: 351.06 ng/ml



#10 AR-1221-3

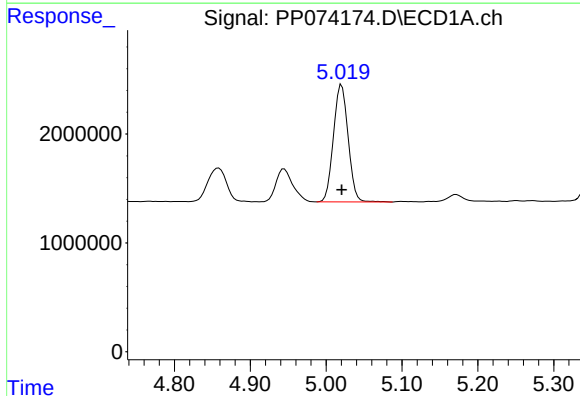
R.T.: 5.020 min
Delta R.T.: 0.001 min
Response: 14518661
Conc: 396.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



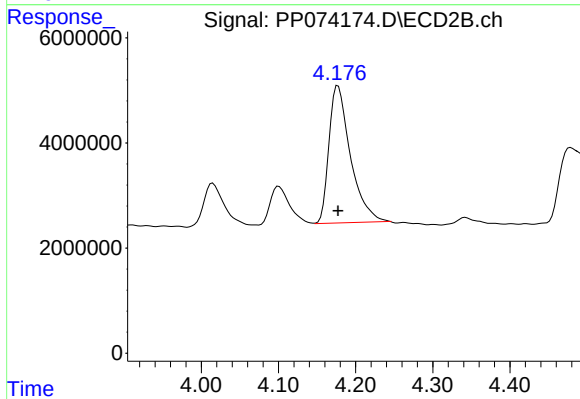
#10 AR-1221-3

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 374.79 ng/ml



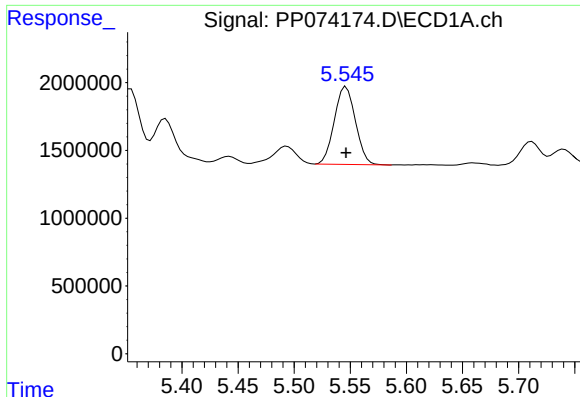
#11 AR-1232-1

R.T.: 5.020 min
Delta R.T.: 0.000 min
Response: 14518661
Conc: 500.00 ng/ml



#11 AR-1232-1

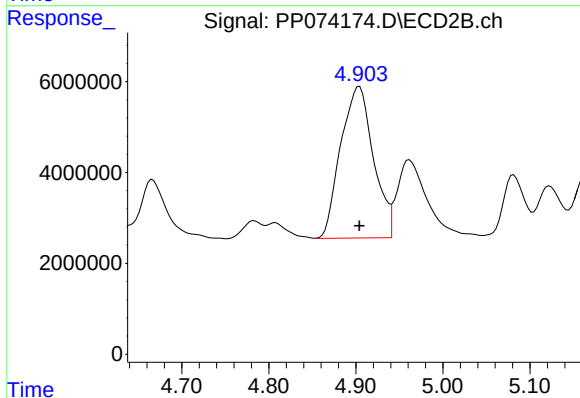
R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 50681220
Conc: 500.00 ng/ml



#12 AR-1232-2

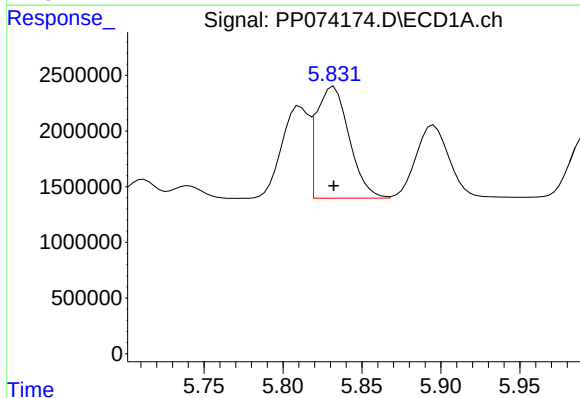
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 7521357
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



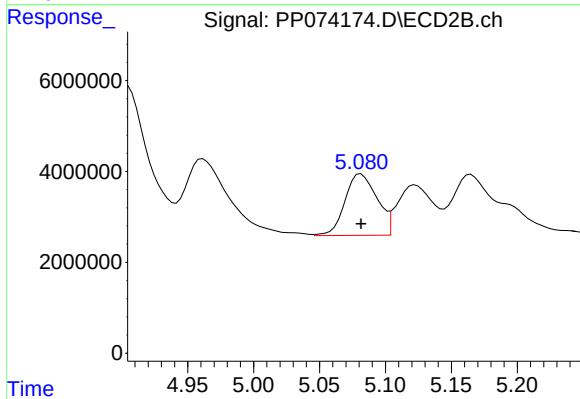
#12 AR-1232-2

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 87133099
Conc: 500.00 ng/ml



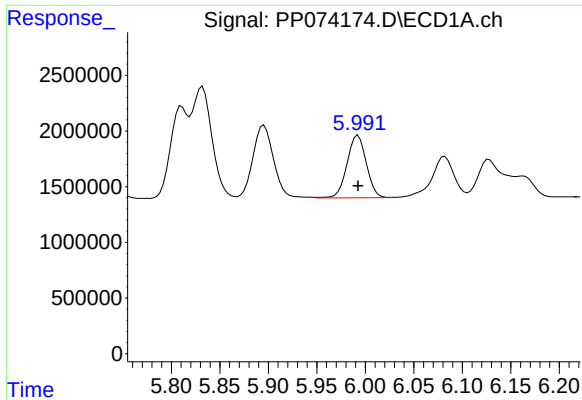
#13 AR-1232-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 14500854
Conc: 500.00 ng/ml



#13 AR-1232-3

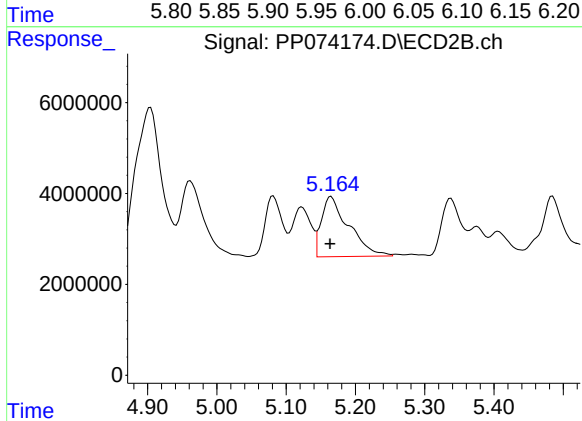
R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 22908311
Conc: 500.00 ng/ml



#14 AR-1232-4

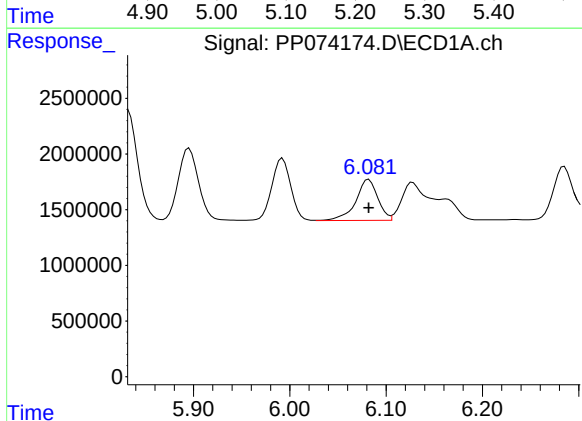
R.T.: 5.993 min
Delta R.T.: 0.000 min
Response: 7734413
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1232ICC500



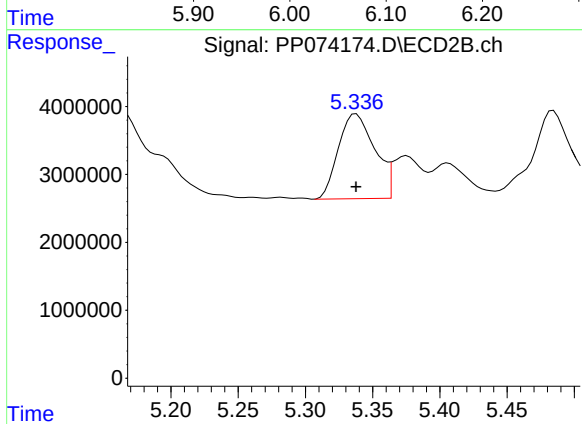
#14 AR-1232-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 36297070
Conc: 628.70 ng/ml



#15 AR-1232-5

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 5858006
Conc: 500.00 ng/ml



#15 AR-1232-5

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 23489726
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.804	104.3E6	438.1E6	95.872	101.577
2) SA Decachlor...	10.436	8.825	88078600	618.2E6	94.444	98.714
Target Compounds						
16) L4 AR-1242-1	5.811	4.905	31512428	341.3E6	934.658	978.632
17) L4 AR-1242-2	5.832	4.962	47421171	162.7E6	943.850	992.758
18) L4 AR-1242-3	5.896	5.082	30290298	93075141	931.794	1005.327
19) L4 AR-1242-4	5.992	5.165	25177060	162.5E6	934.754	1303.690 #
20) L4 AR-1242-5	6.721	5.686	29128304	140.7E6	916.924	973.631

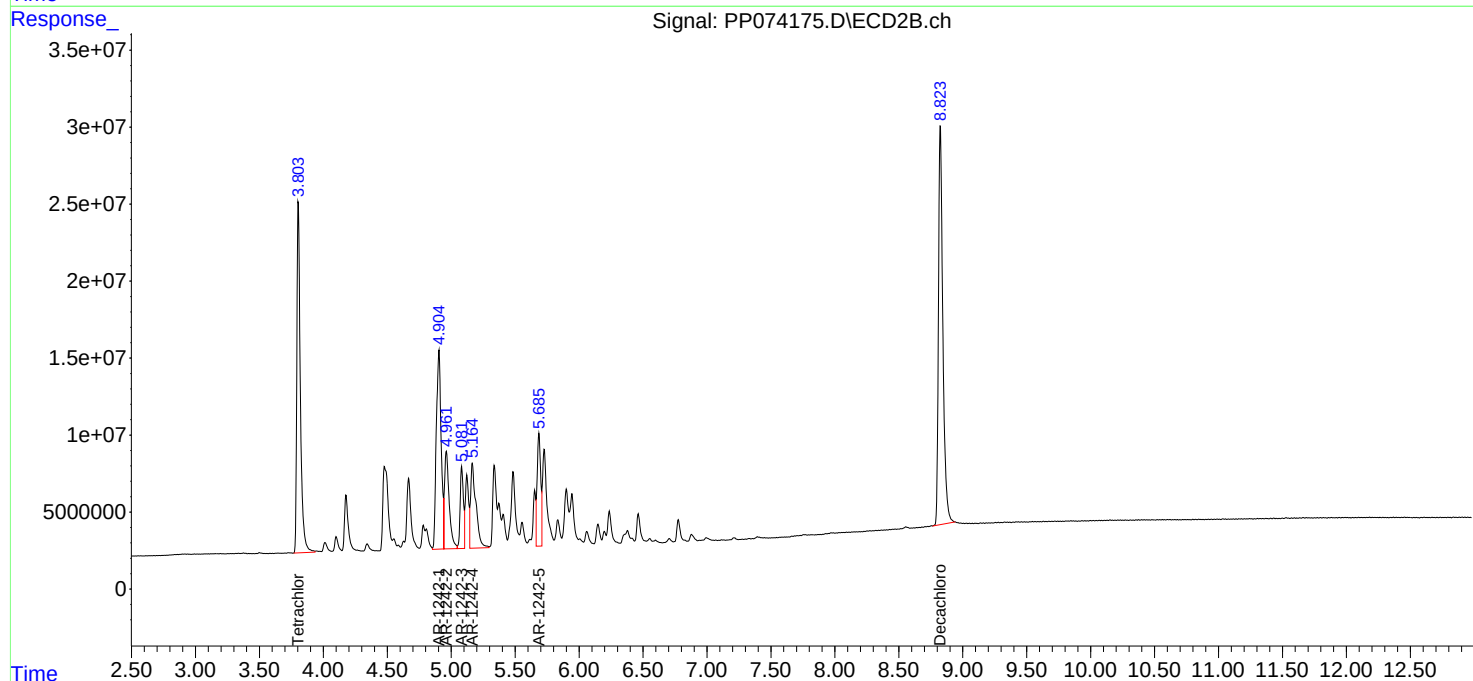
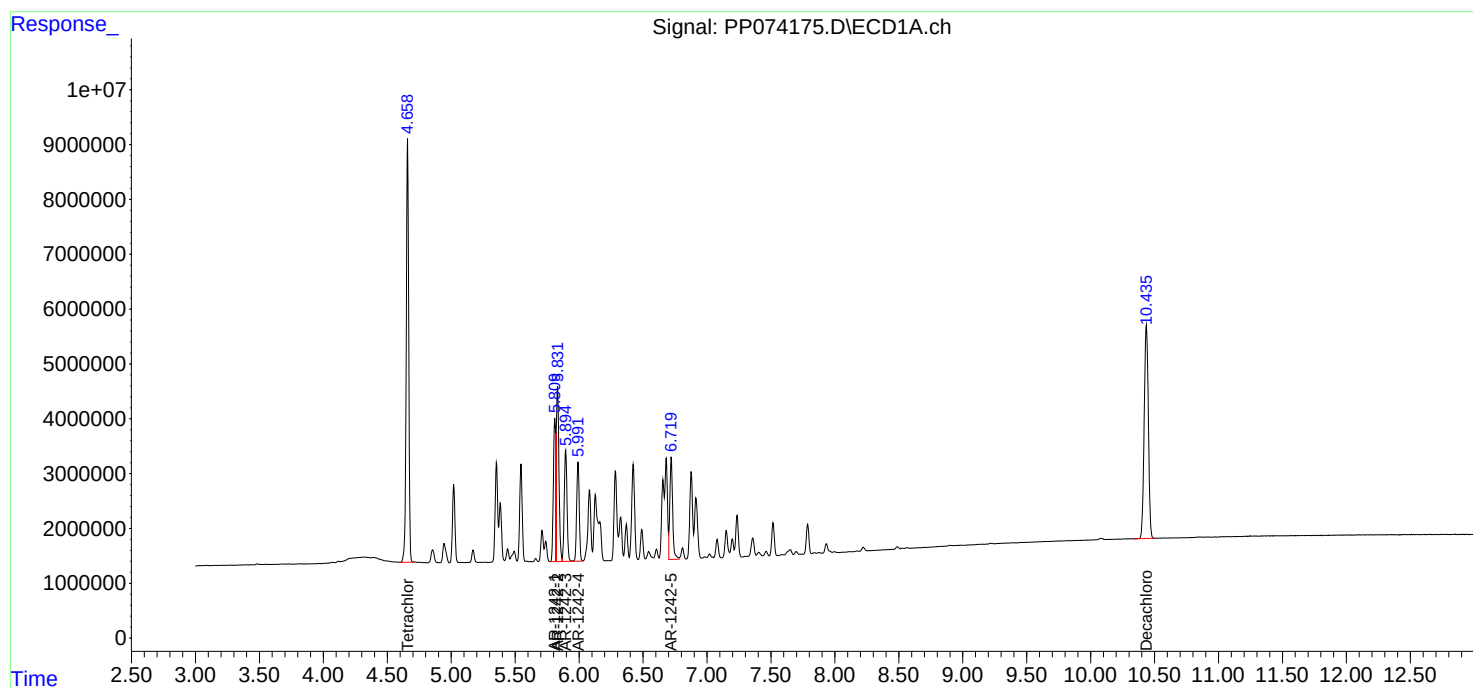
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

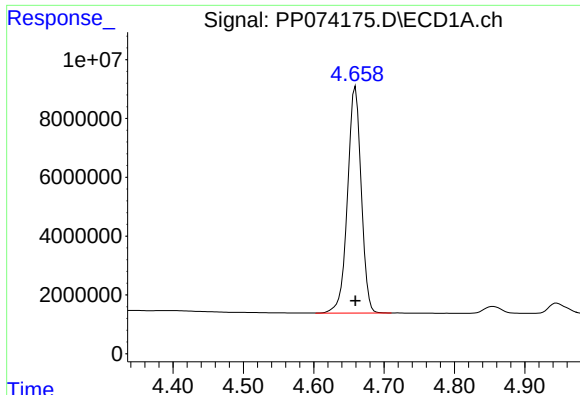
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:31
Operator : YP\AJ
Sample : AR1242ICC1000
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:23:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

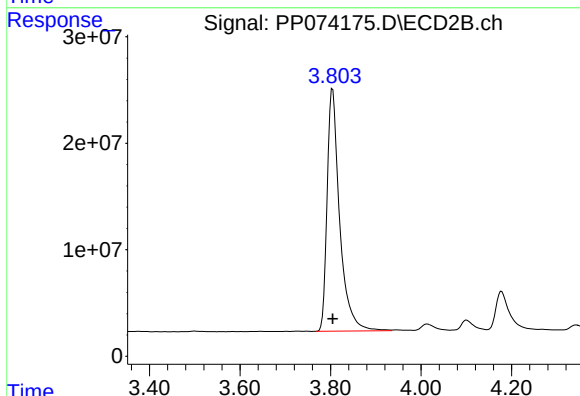




#1 Tetrachloro-m-xylene

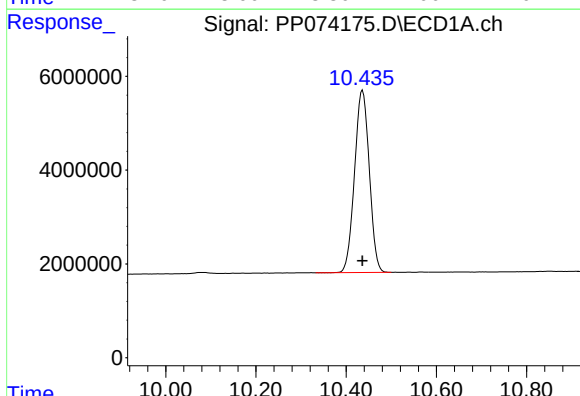
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 104324065
Conc: 95.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



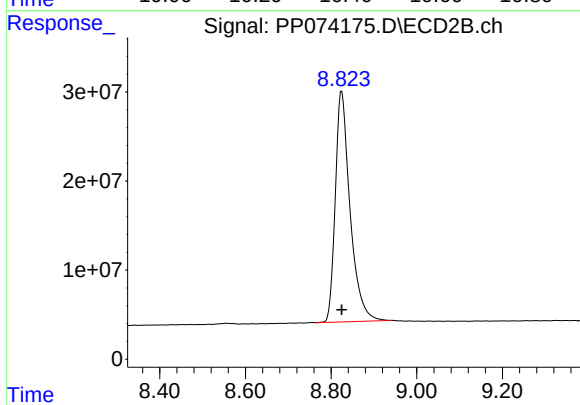
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 438073172
Conc: 101.58 ng/ml



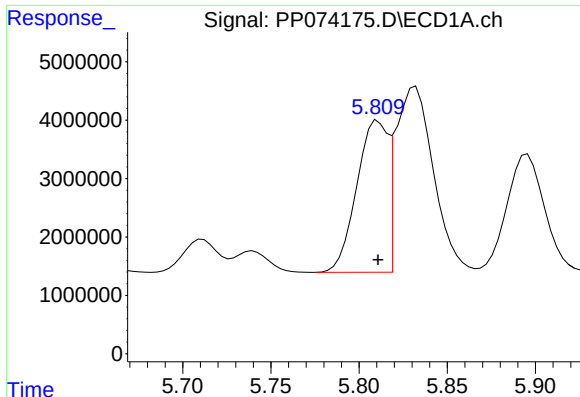
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 88078600
Conc: 94.44 ng/ml



#2 Decachlorobiphenyl

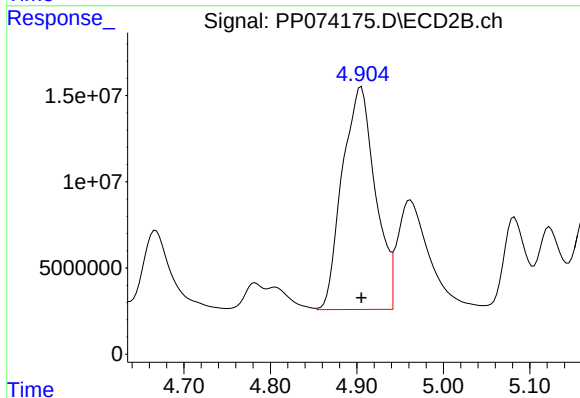
R.T.: 8.825 min
Delta R.T.: 0.000 min
Response: 618210330
Conc: 98.71 ng/ml



#16 AR-1242-1

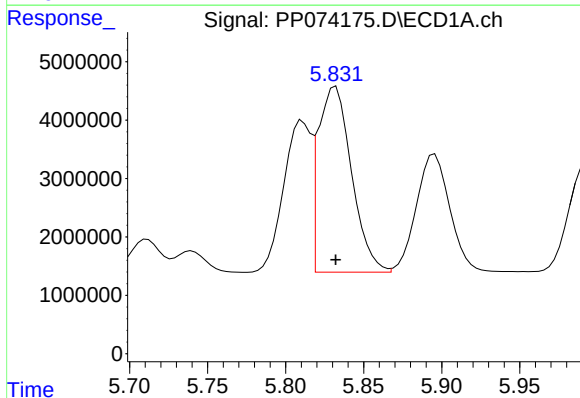
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 31512428
Conc: 934.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



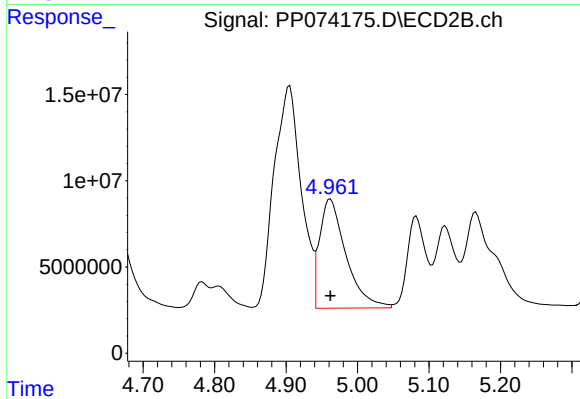
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 341272725
Conc: 978.63 ng/ml



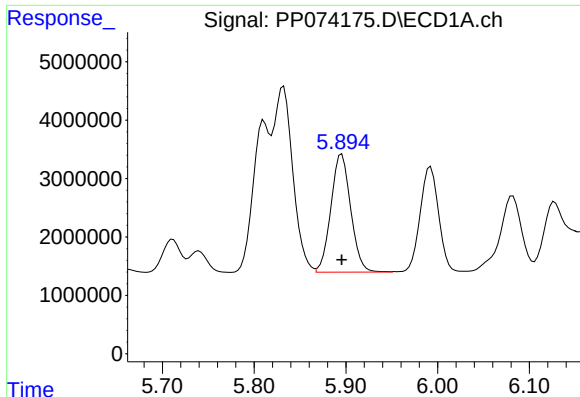
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 47421171
Conc: 943.85 ng/ml



#17 AR-1242-2

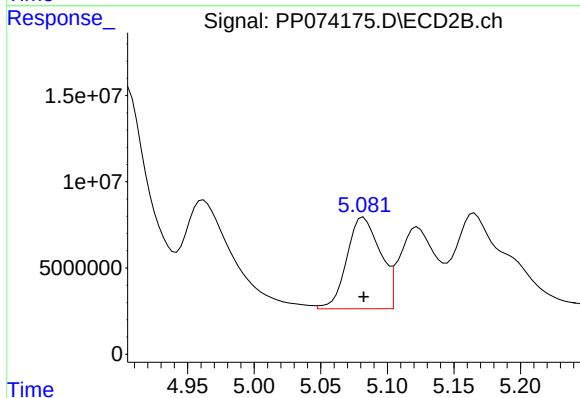
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 162660327
Conc: 992.76 ng/ml



#18 AR-1242-3

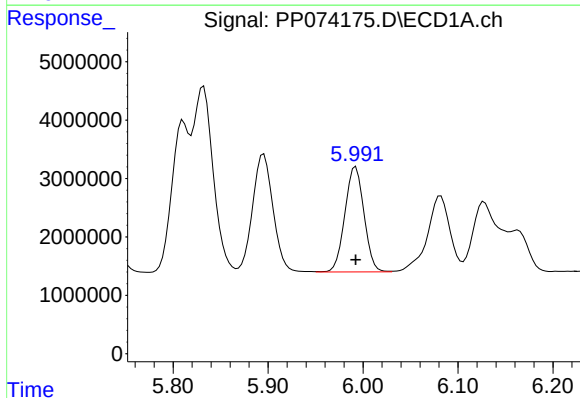
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 30290298
Conc: 931.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



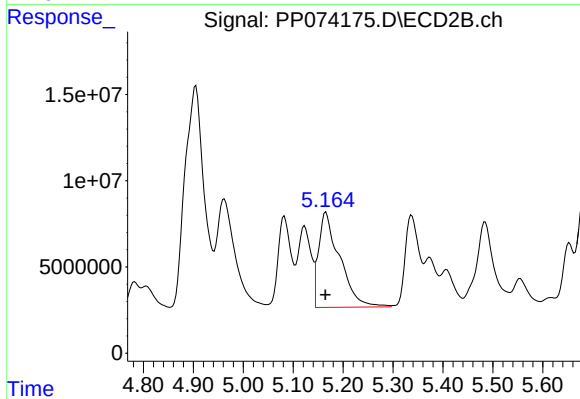
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 93075141
Conc: 1005.33 ng/ml



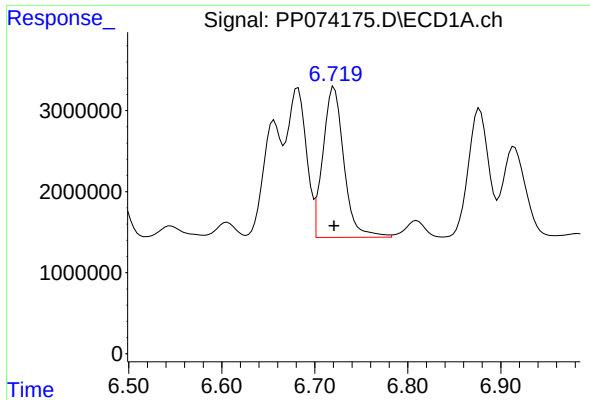
#19 AR-1242-4

R.T.: 5.992 min
Delta R.T.: 0.000 min
Response: 25177060
Conc: 934.75 ng/ml



#19 AR-1242-4

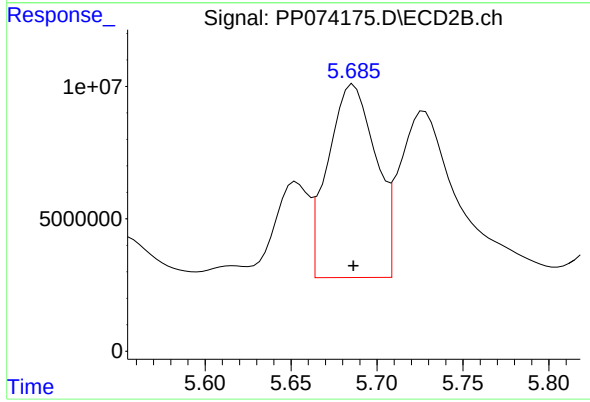
R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 162521092
Conc: 1303.69 ng/ml



#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 29128304
Conc: 916.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC1000



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 140731652
Conc: 973.63 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074176.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 14:47
 Operator : YP\AJ
 Sample : AR1242ICC750
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC750

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:26:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:20:45 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.662	3.803	80676637	324.0E6	74.425	75.083
2) SA Decachlor...	10.438	8.824	68962955	464.9E6	74.295	74.485
Target Compounds						
16) L4 AR-1242-1	5.813	4.904	25064705	261.4E6	745.599	749.732
17) L4 AR-1242-2	5.835	4.960	37017188	128.7E6	741.131	773.381
18) L4 AR-1242-3	5.898	5.081	24057234	72718391	743.338	773.266
19) L4 AR-1242-4	5.995	5.164	19974989	130.9E6	744.389	1065.577 #
20) L4 AR-1242-5	6.724	5.685	24065795	114.3E6	755.025	776.822

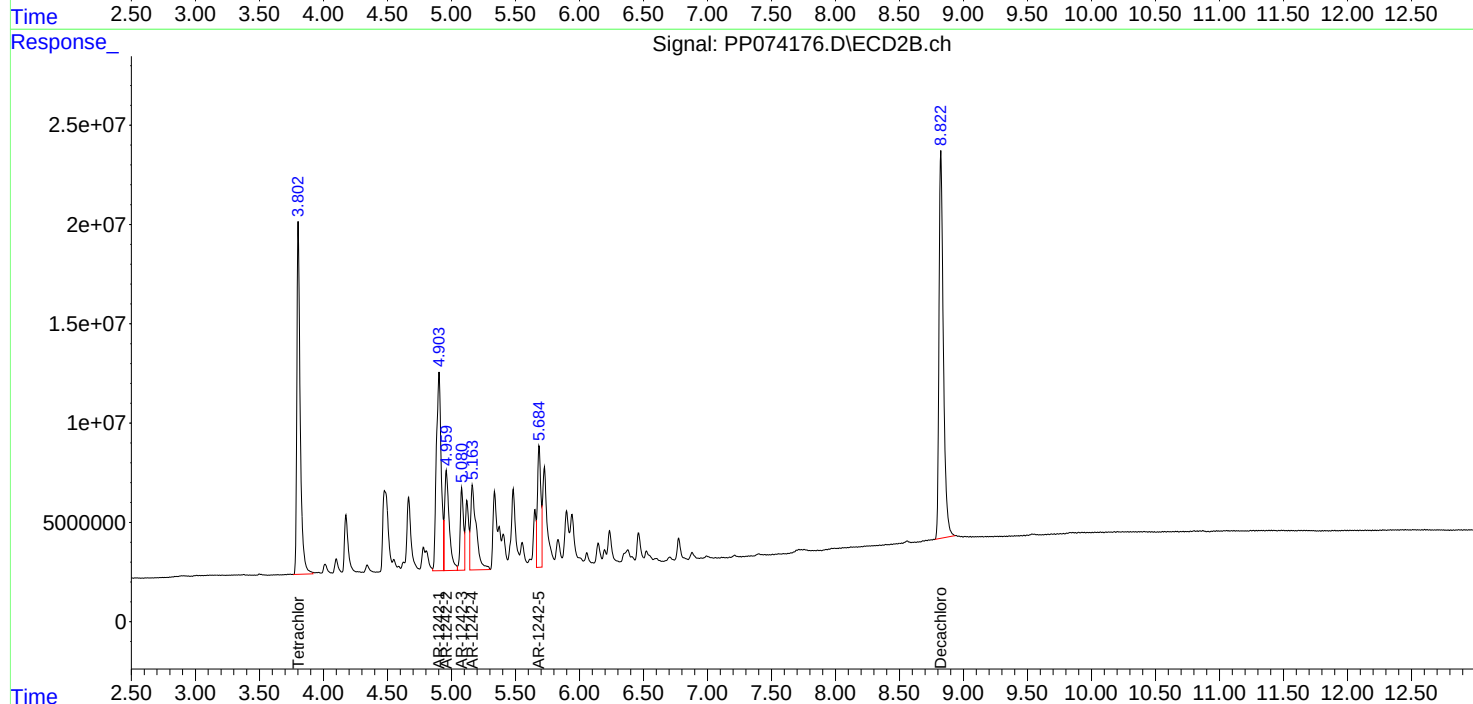
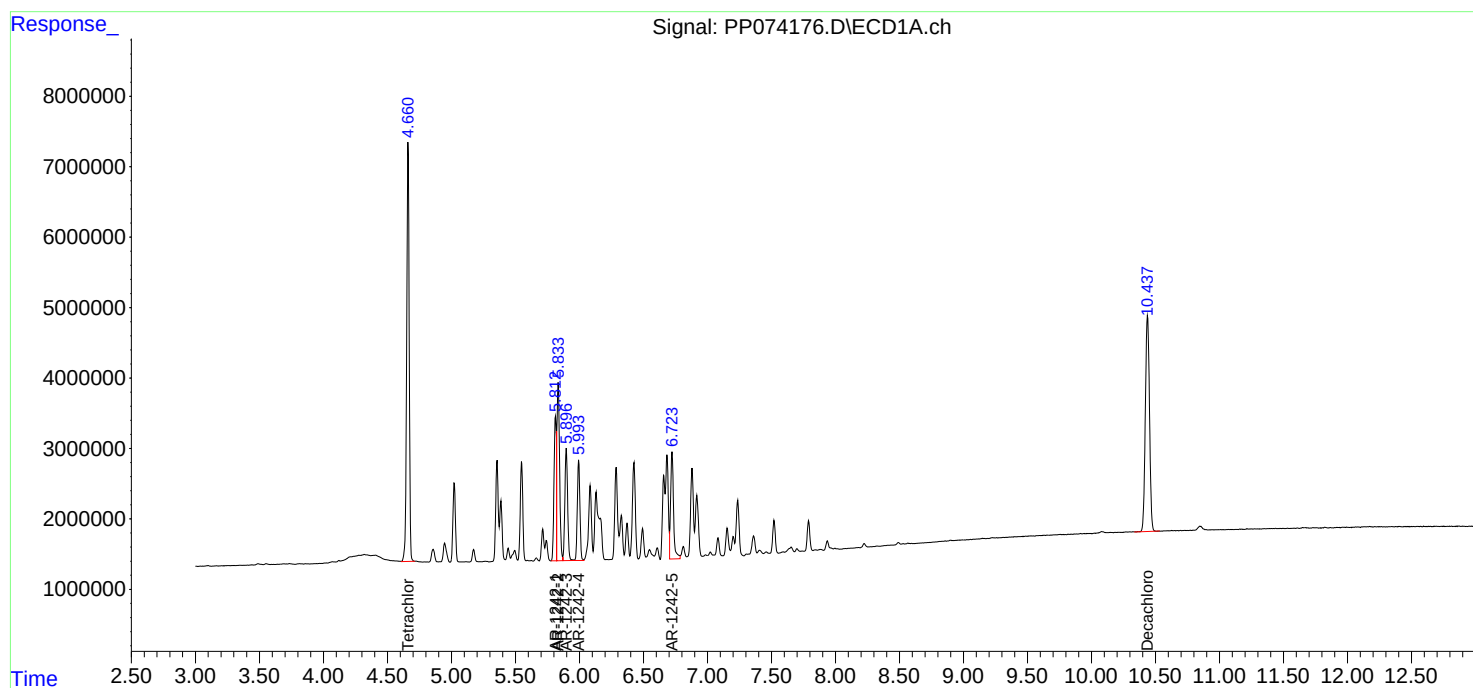
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

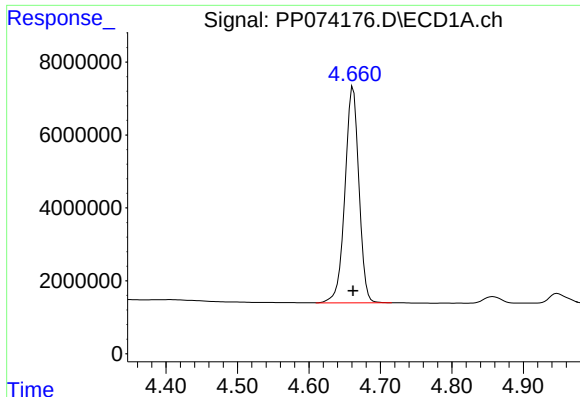
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074176.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 14:47
Operator : YP\AJ
Sample : AR1242ICC750
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:26:53 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

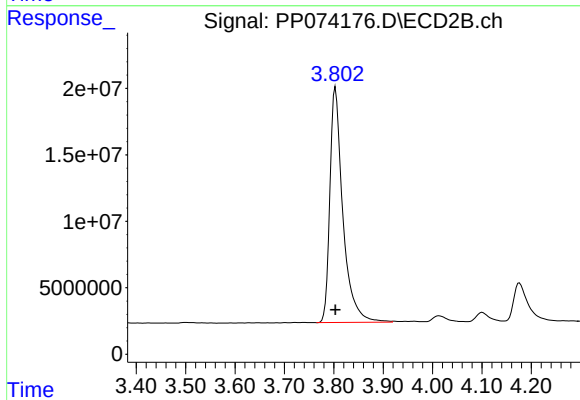




#1 Tetrachloro-m-xylene

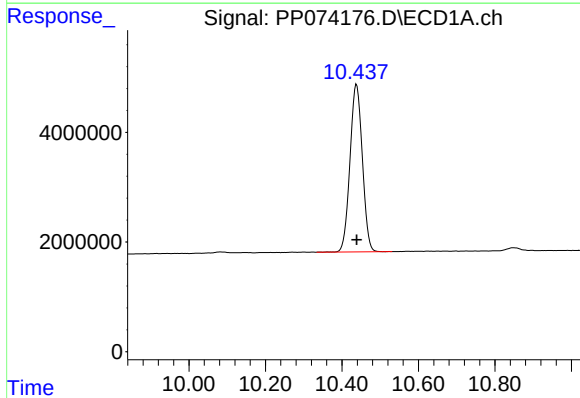
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 80676637
Conc: 74.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



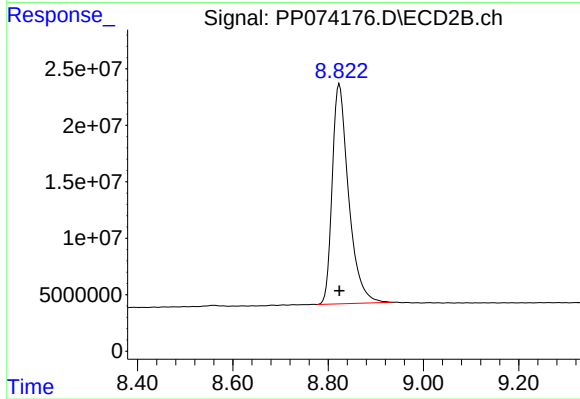
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 323988872
Conc: 75.08 ng/ml



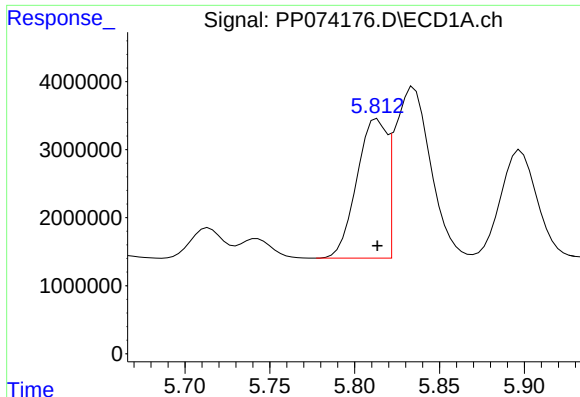
#2 Decachlorobiphenyl

R.T.: 10.438 min
Delta R.T.: 0.000 min
Response: 68962955
Conc: 74.29 ng/ml



#2 Decachlorobiphenyl

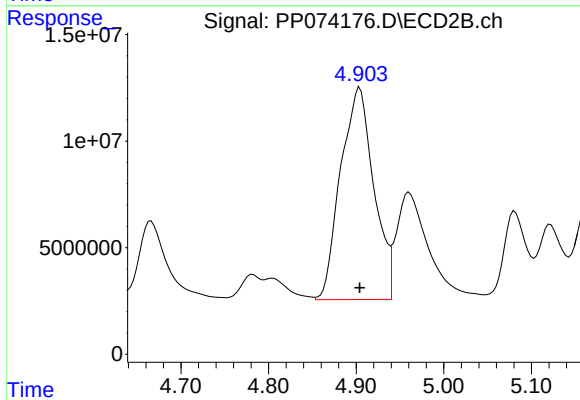
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 464876495
Conc: 74.48 ng/ml



#16 AR-1242-1

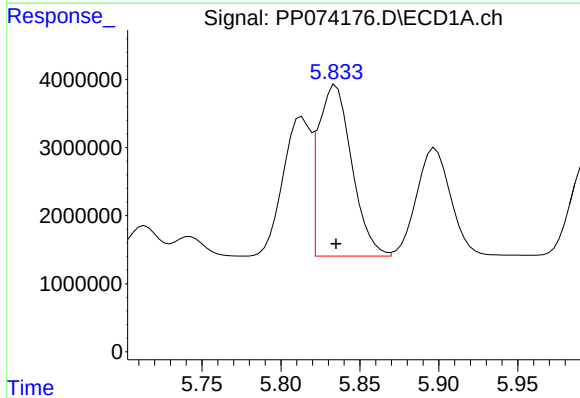
R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 25064705
Conc: 745.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



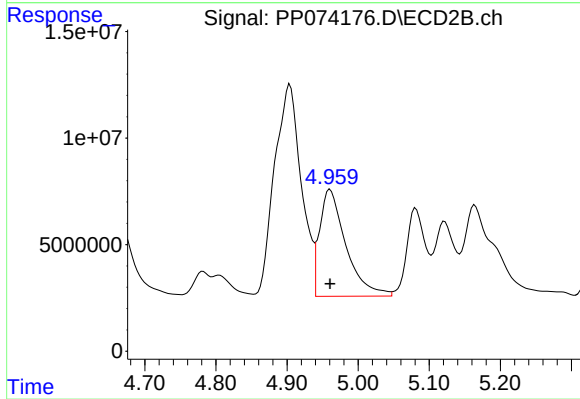
#16 AR-1242-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 261402874
Conc: 749.73 ng/ml



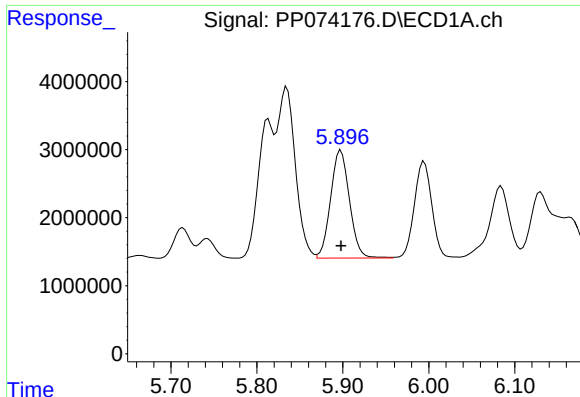
#17 AR-1242-2

R.T.: 5.835 min
Delta R.T.: 0.000 min
Response: 37017188
Conc: 741.13 ng/ml



#17 AR-1242-2

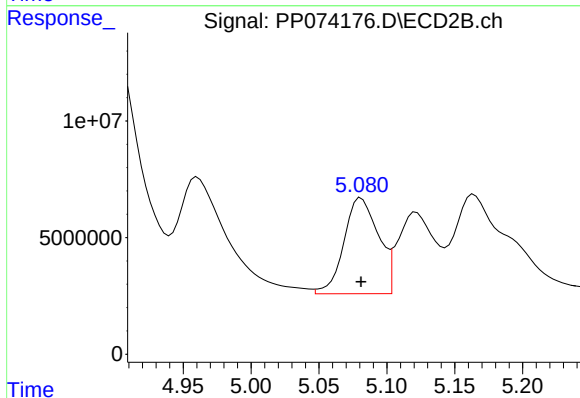
R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 128722469
Conc: 773.38 ng/ml



#18 AR-1242-3

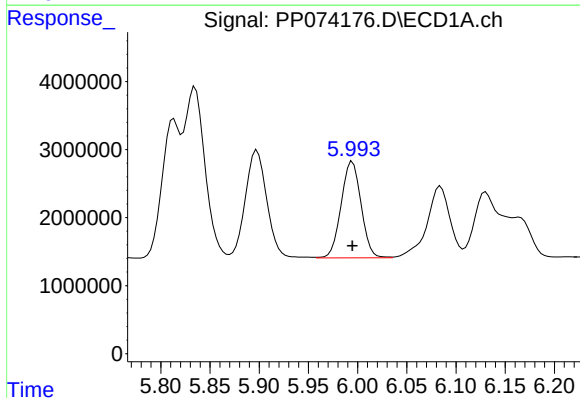
R.T.: 5.898 min
Delta R.T.: 0.000 min
Response: 24057234
Conc: 743.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



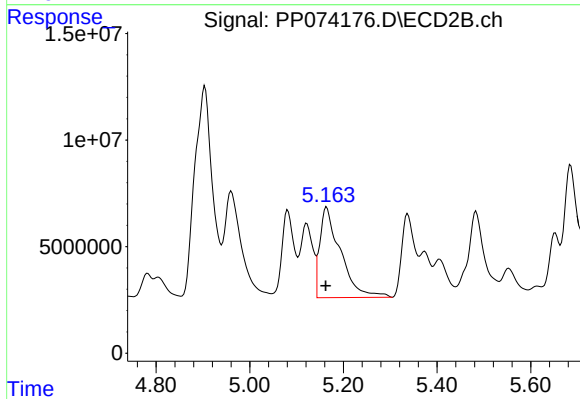
#18 AR-1242-3

R.T.: 5.081 min
Delta R.T.: 0.000 min
Response: 72718391
Conc: 773.27 ng/ml



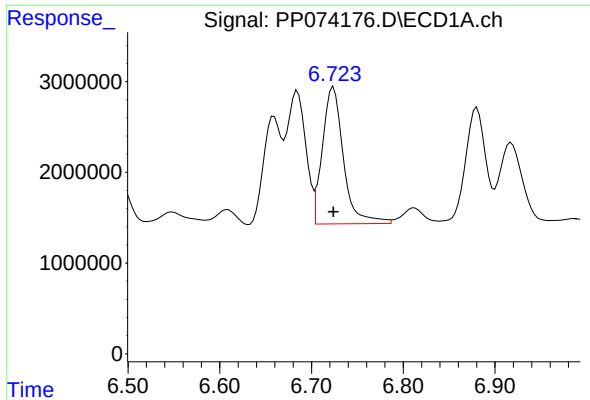
#19 AR-1242-4

R.T.: 5.995 min
Delta R.T.: 0.000 min
Response: 19974989
Conc: 744.39 ng/ml



#19 AR-1242-4

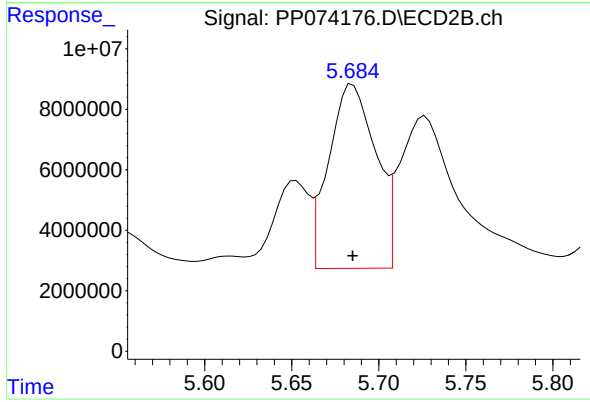
R.T.: 5.164 min
Delta R.T.: 0.001 min
Response: 130863576
Conc: 1065.58 ng/ml



#20 AR-1242-5

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 24065795
Conc: 755.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC750



#20 AR-1242-5

R.T.: 5.685 min
Delta R.T.: 0.000 min
Response: 114328693
Conc: 776.82 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.805	56653742	212.2E6	50.000	50.000
2) SA Decachlor...	10.434	8.826	49220928	317.2E6	50.000	50.000
Target Compounds						
16) L4 AR-1242-1	5.808	4.905	17959256	178.1E6	500.000	500.000
17) L4 AR-1242-2	5.830	4.963	26531667	82516708	500.000	500.000
18) L4 AR-1242-3	5.893	5.084	17362372	46044427	500.000	500.000
19) L4 AR-1242-4	5.990	5.166	14345906	81425101	500.000	651.170 #
20) L4 AR-1242-5	6.719	5.687	17203244	74177320	500.000	500.000

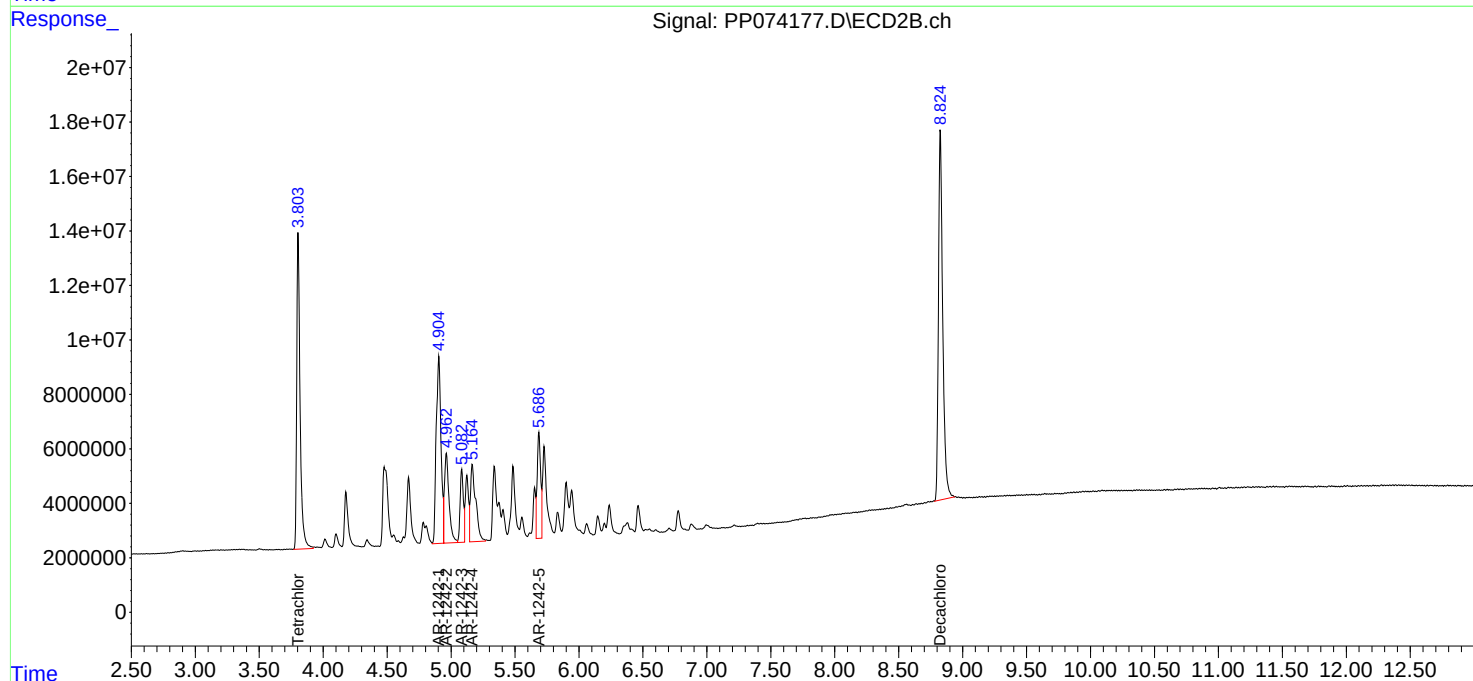
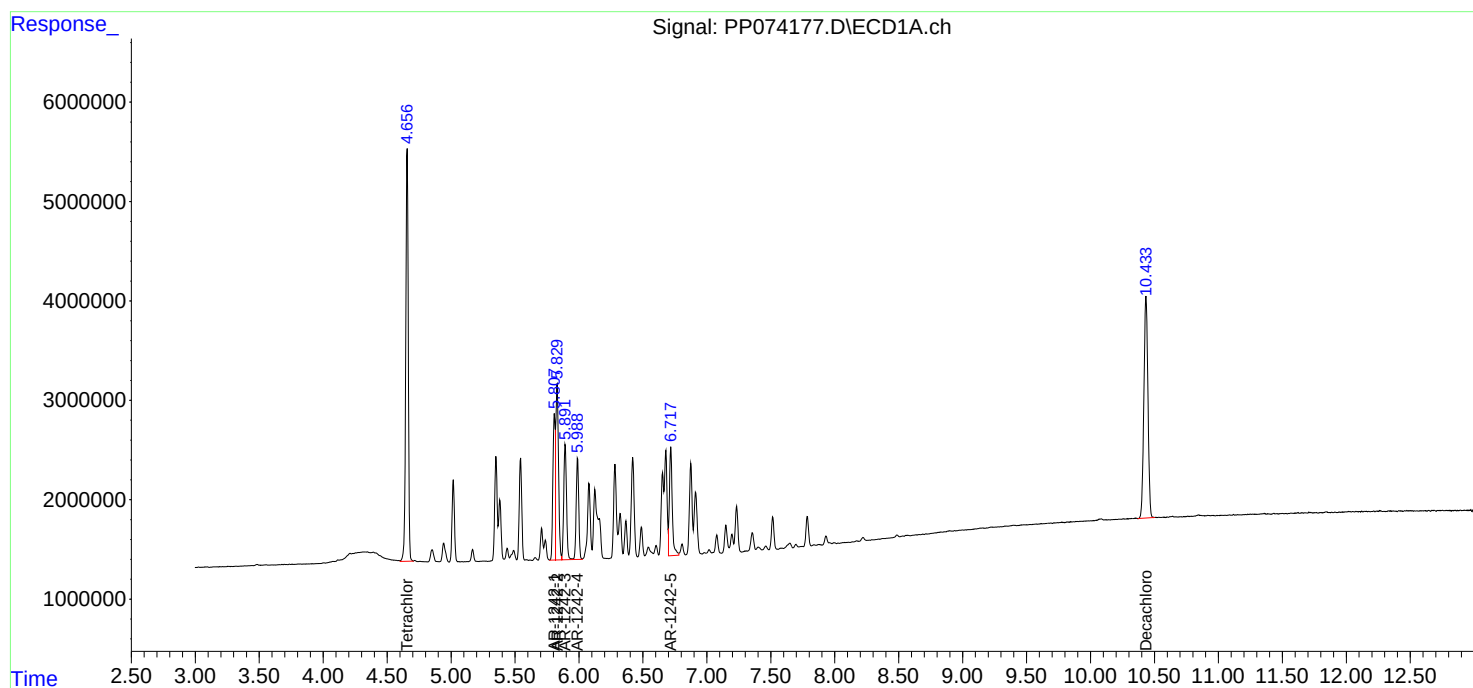
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

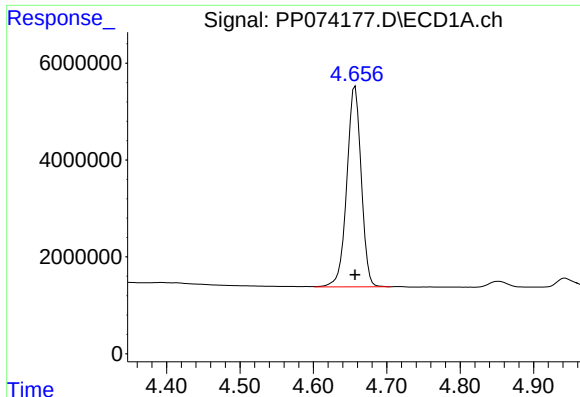
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:03
Operator : YP\AJ
Sample : AR1242ICC500
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:21:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

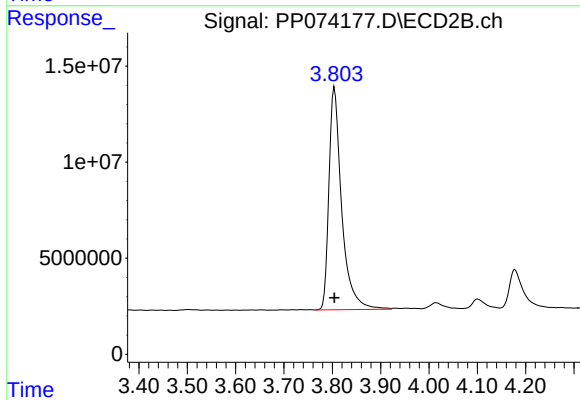




#1 Tetrachloro-m-xylene

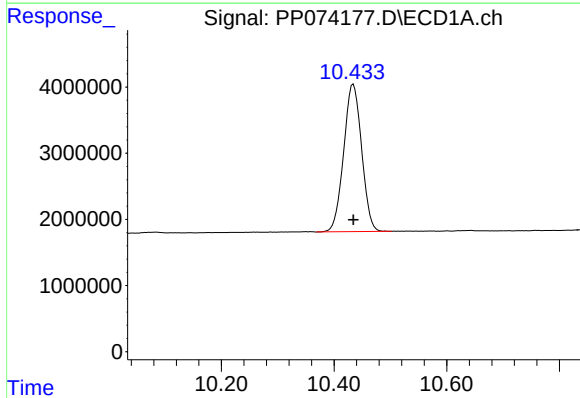
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 56653742
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



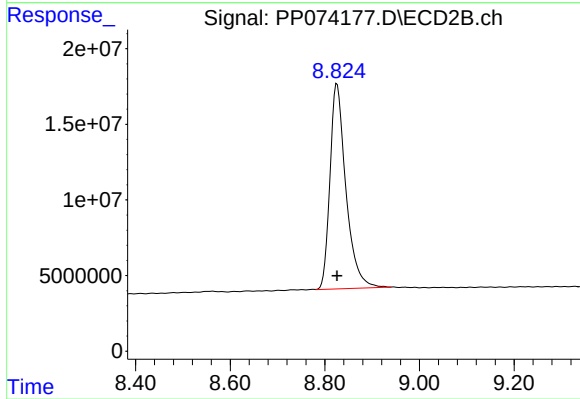
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 212235944
Conc: 50.00 ng/ml



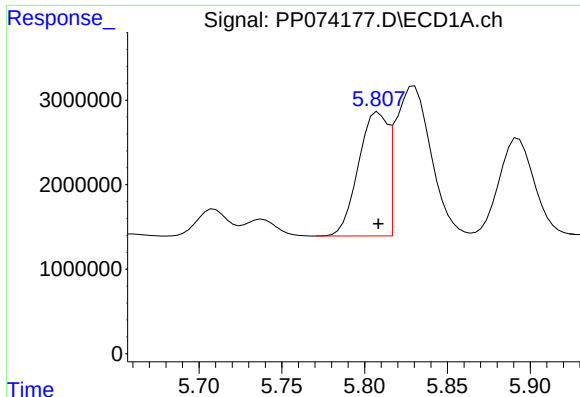
#2 Decachlorobiphenyl

R.T.: 10.434 min
Delta R.T.: 0.000 min
Response: 49220928
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

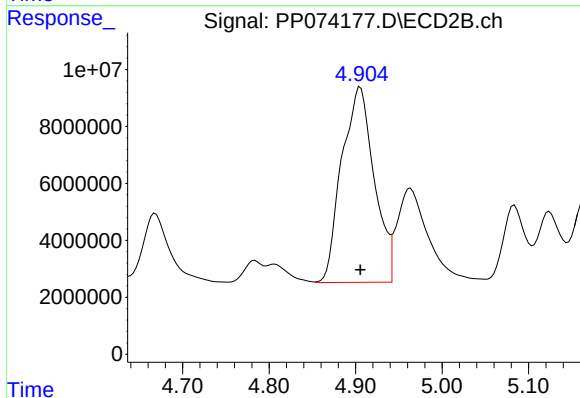
R.T.: 8.826 min
Delta R.T.: 0.000 min
Response: 317160143
Conc: 50.00 ng/ml



#16 AR-1242-1

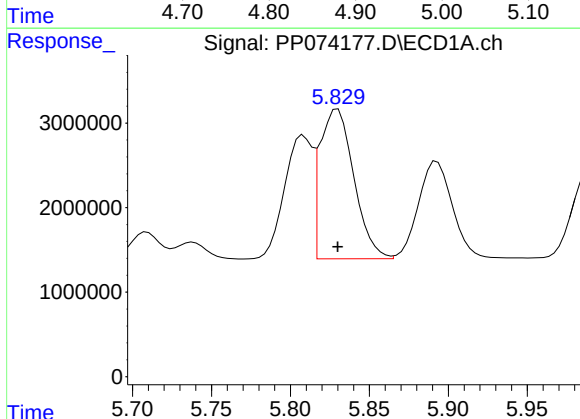
R.T.: 5.808 min
Delta R.T.: 0.000 min
Response: 17959256
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



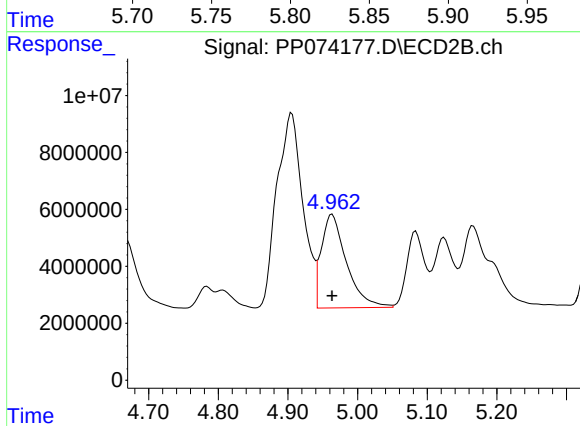
#16 AR-1242-1

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 178087793
Conc: 500.00 ng/ml



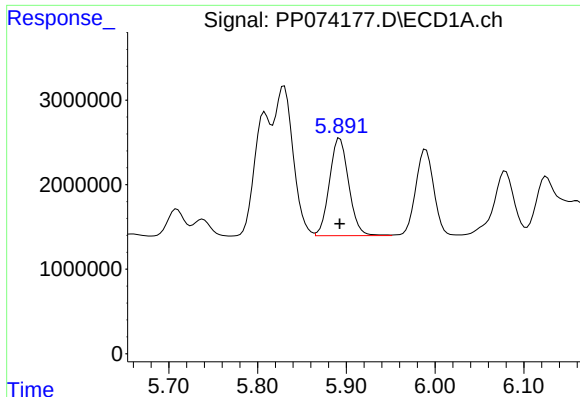
#17 AR-1242-2

R.T.: 5.830 min
Delta R.T.: 0.000 min
Response: 26531667
Conc: 500.00 ng/ml



#17 AR-1242-2

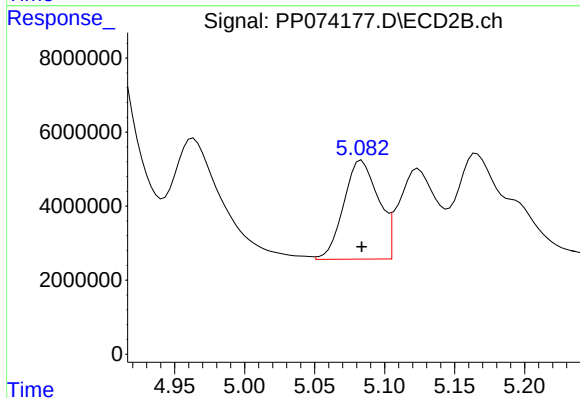
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 82516708
Conc: 500.00 ng/ml



#18 AR-1242-3

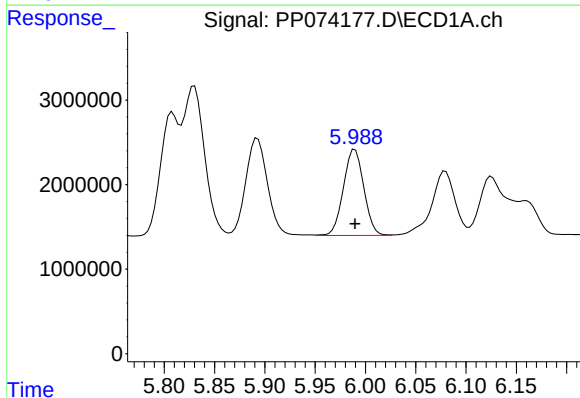
R.T.: 5.893 min
Delta R.T.: 0.000 min
Response: 17362372
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



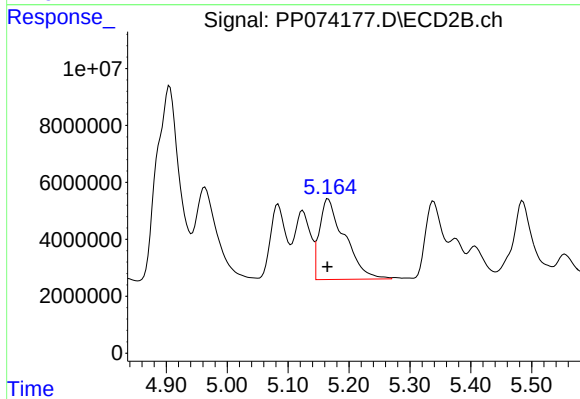
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 46044427
Conc: 500.00 ng/ml



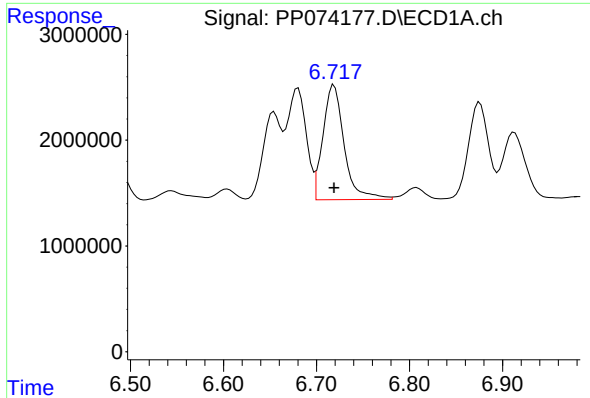
#19 AR-1242-4

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 14345906
Conc: 500.00 ng/ml



#19 AR-1242-4

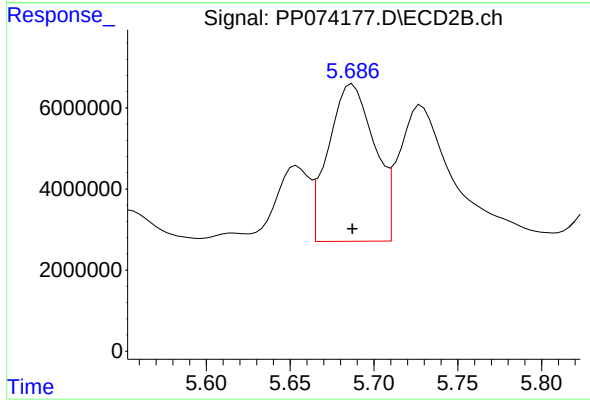
R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 81425101
Conc: 651.17 ng/ml



#20 AR-1242-5

R.T.: 6.719 min
Delta R.T.: 0.000 min
Response: 17203244
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC500



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 74177320
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.662	3.805	30064825	99448361	26.997	23.506
2) SA Decachlor...	10.436	8.824	26416078	156.4E6	27.507	25.039
Target Compounds						
16) L4 AR-1242-1	5.812	4.906	9924005	89565172	282.440	255.127
17) L4 AR-1242-2	5.834	4.964	14472673	42174411	278.680	252.533
18) L4 AR-1242-3	5.897	5.084	9547202	24305838	282.294	256.293
19) L4 AR-1242-4	5.994	5.166	7737538	43979753	277.699	364.040 #
20) L4 AR-1242-5	6.723	5.687	10585475	38870481	316.932	260.436

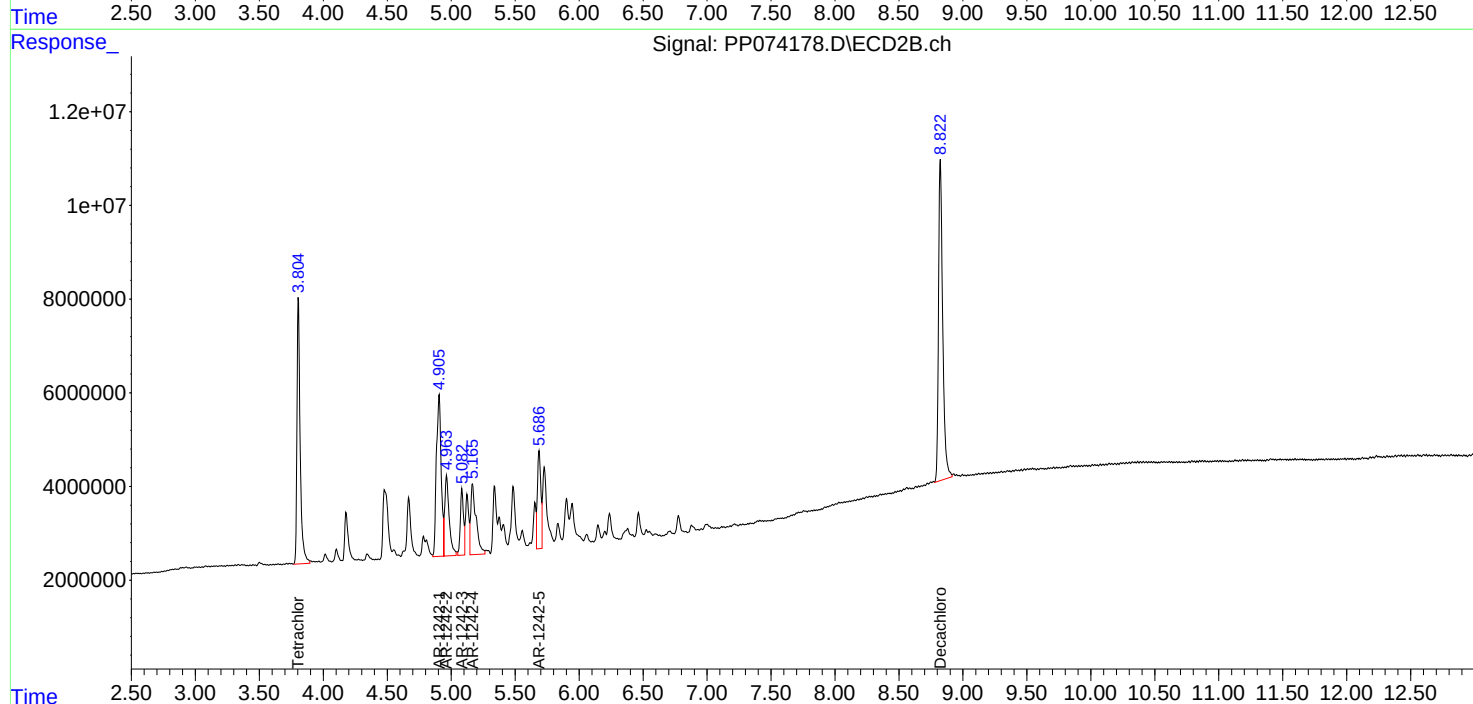
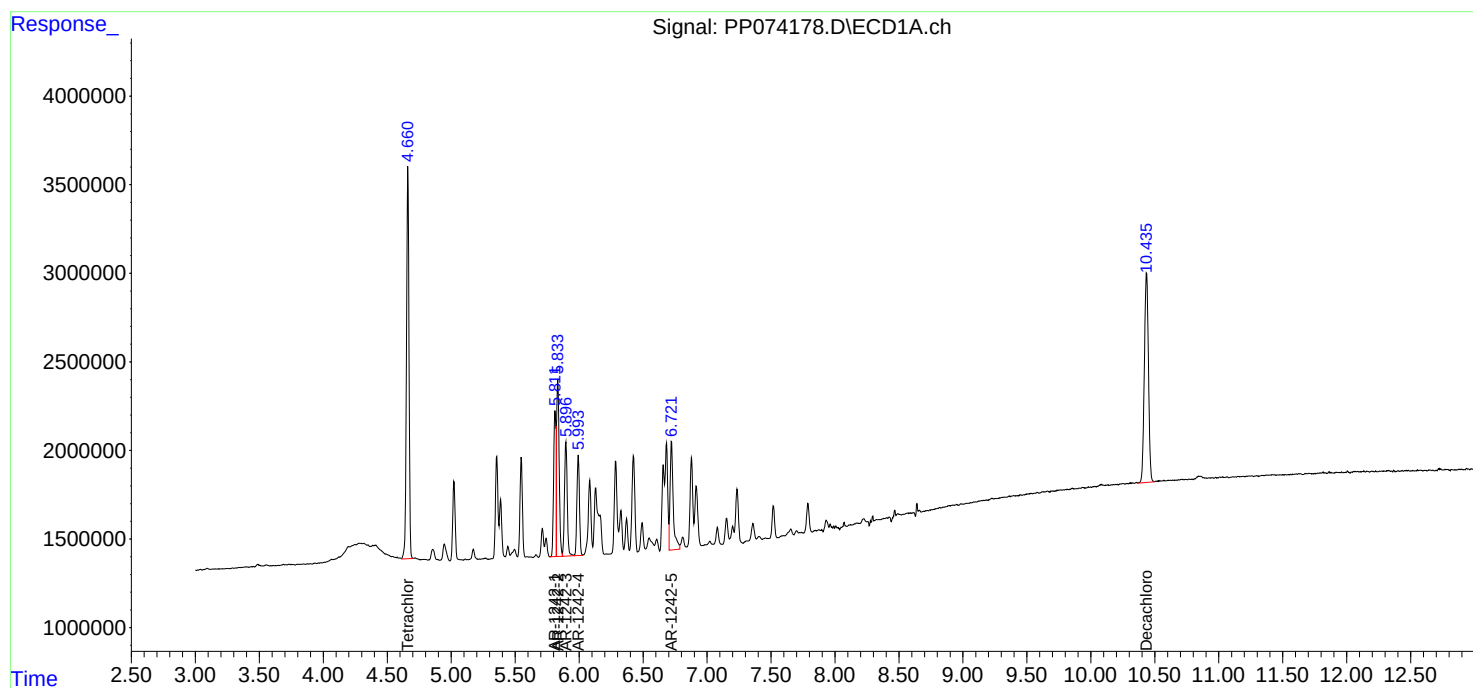
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

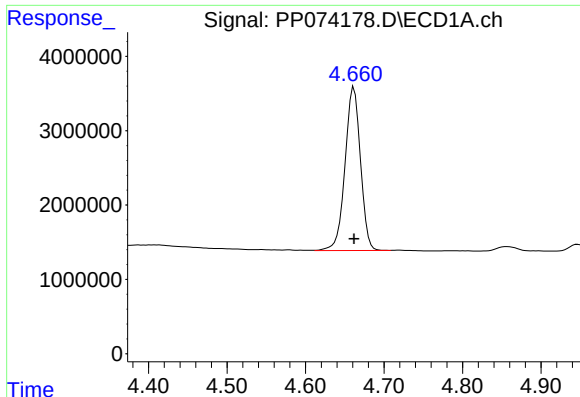
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074178.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:19
Operator : YP\AJ
Sample : AR1242ICC250
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:30:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:20:45 2025
Response via : Initial Calibration
Integrator: ChemStation

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

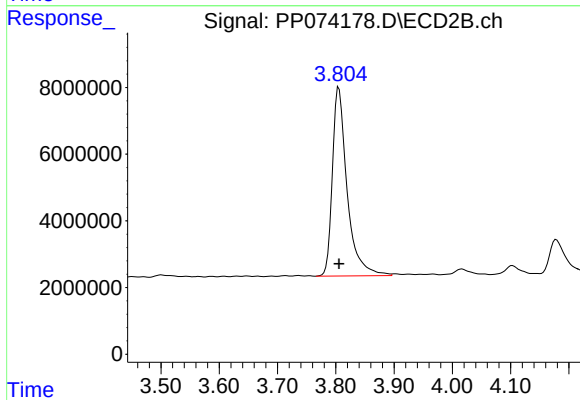




#1 Tetrachloro-m-xylene

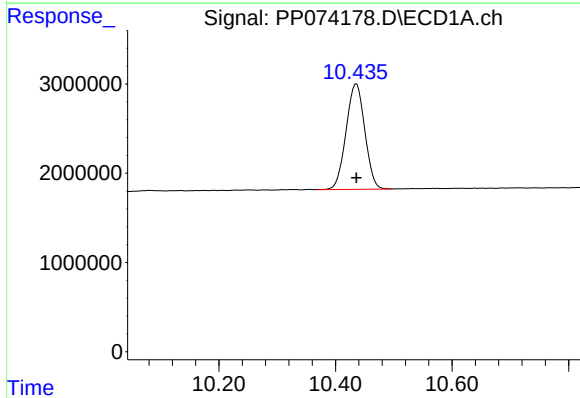
R.T.: 4.662 min
Delta R.T.: 0.000 min
Response: 30064825
Conc: 27.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



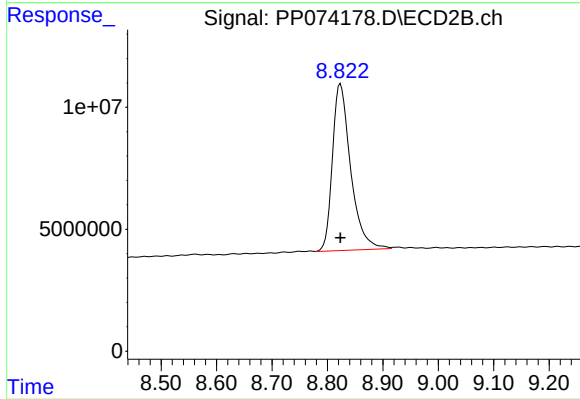
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 99448361
Conc: 23.51 ng/ml



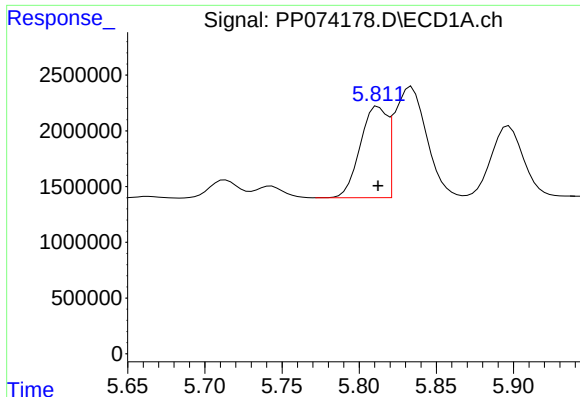
#2 Decachlorobiphenyl

R.T.: 10.436 min
Delta R.T.: 0.000 min
Response: 26416078
Conc: 27.51 ng/ml



#2 Decachlorobiphenyl

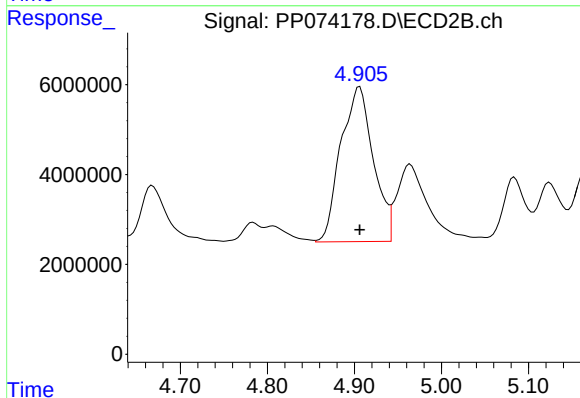
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 156351248
Conc: 25.04 ng/ml



#16 AR-1242-1

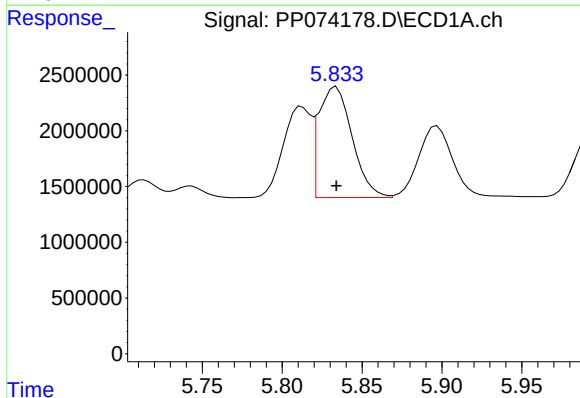
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 9924005
Conc: 282.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



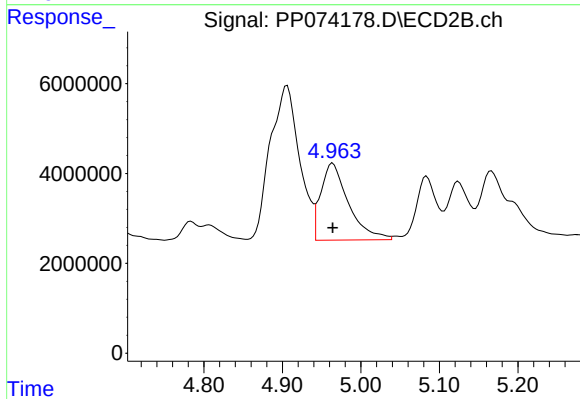
#16 AR-1242-1

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 89565172
Conc: 255.13 ng/ml



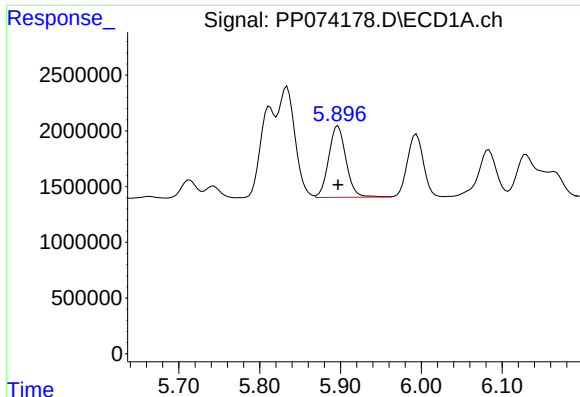
#17 AR-1242-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 14472673
Conc: 278.68 ng/ml



#17 AR-1242-2

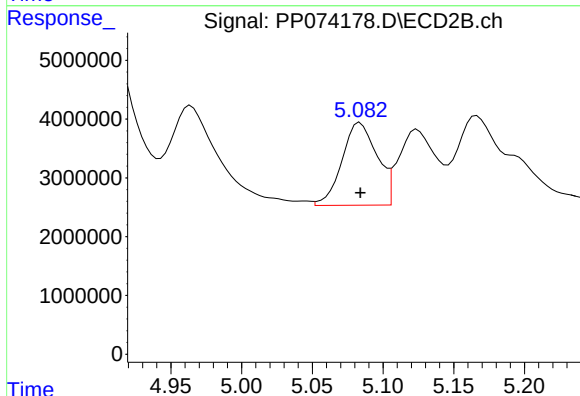
R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 42174411
Conc: 252.53 ng/ml



#18 AR-1242-3

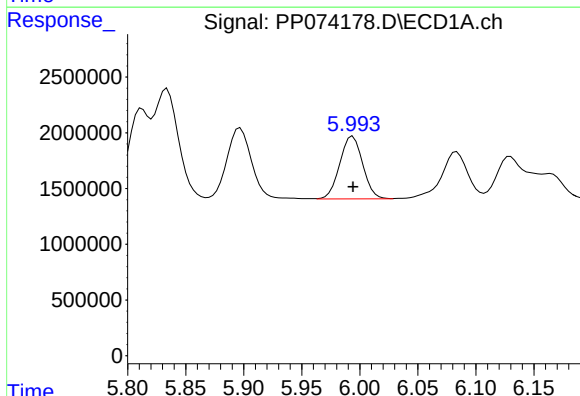
R.T.: 5.897 min
Delta R.T.: 0.000 min
Response: 9547202
Conc: 282.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



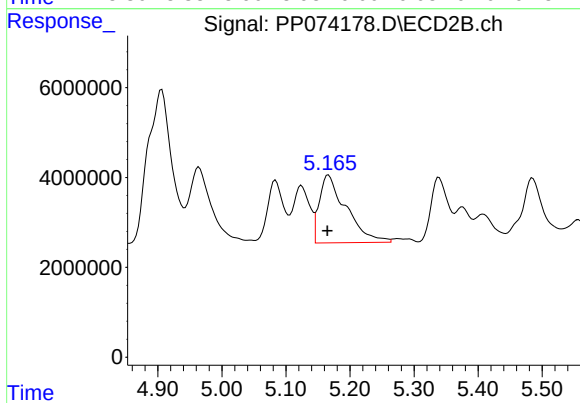
#18 AR-1242-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 24305838
Conc: 256.29 ng/ml



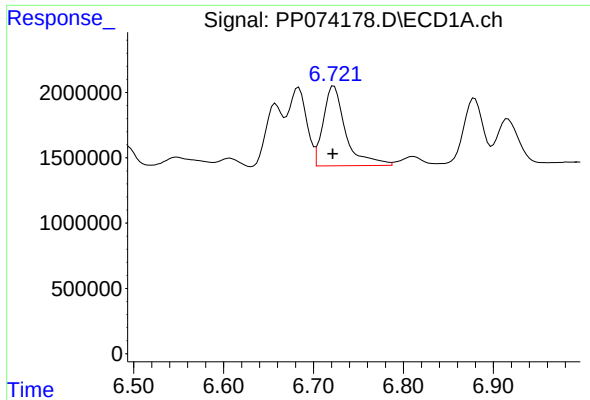
#19 AR-1242-4

R.T.: 5.994 min
Delta R.T.: 0.000 min
Response: 7737538
Conc: 277.70 ng/ml



#19 AR-1242-4

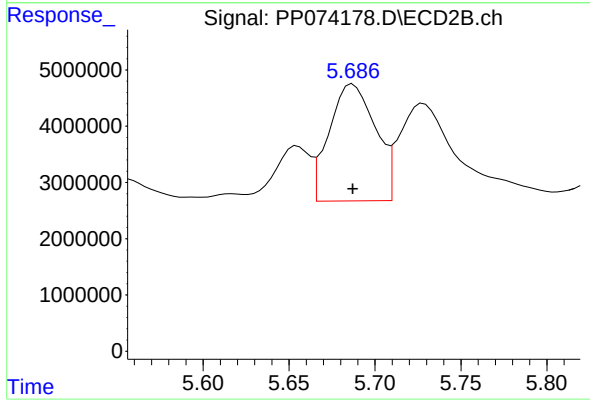
R.T.: 5.166 min
Delta R.T.: 0.001 min
Response: 43979753
Conc: 364.04 ng/ml



#20 AR-1242-5

R.T.: 6.723 min
Delta R.T.: 0.001 min
Response: 10585475
Conc: 316.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC250



#20 AR-1242-5

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 38870481
Conc: 260.44 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074179.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 15:36
 Operator : YP\AJ
 Sample : AR1242ICC050
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1242ICC050

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 15:58:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 15:57:36 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.659	3.803	6977861	15078408	5.999	3.762 #
2) SA Decachlor...	10.432	8.821	6026260	28194628	5.971	4.604
Target Compounds						
16) L4 AR-1242-1	5.810	4.903	2289125	16072866	61.427	46.569
17) L4 AR-1242-2	5.832	4.962	3215660	7443347	59.102	45.559
18) L4 AR-1242-3	5.895	5.082	2169957	4094869	60.722	44.390 #
19) L4 AR-1242-4	5.991	5.163	1732044	5803584	59.279	48.597
20) L4 AR-1242-5	6.722	5.686	3937933	7539678	102.119	50.412 #

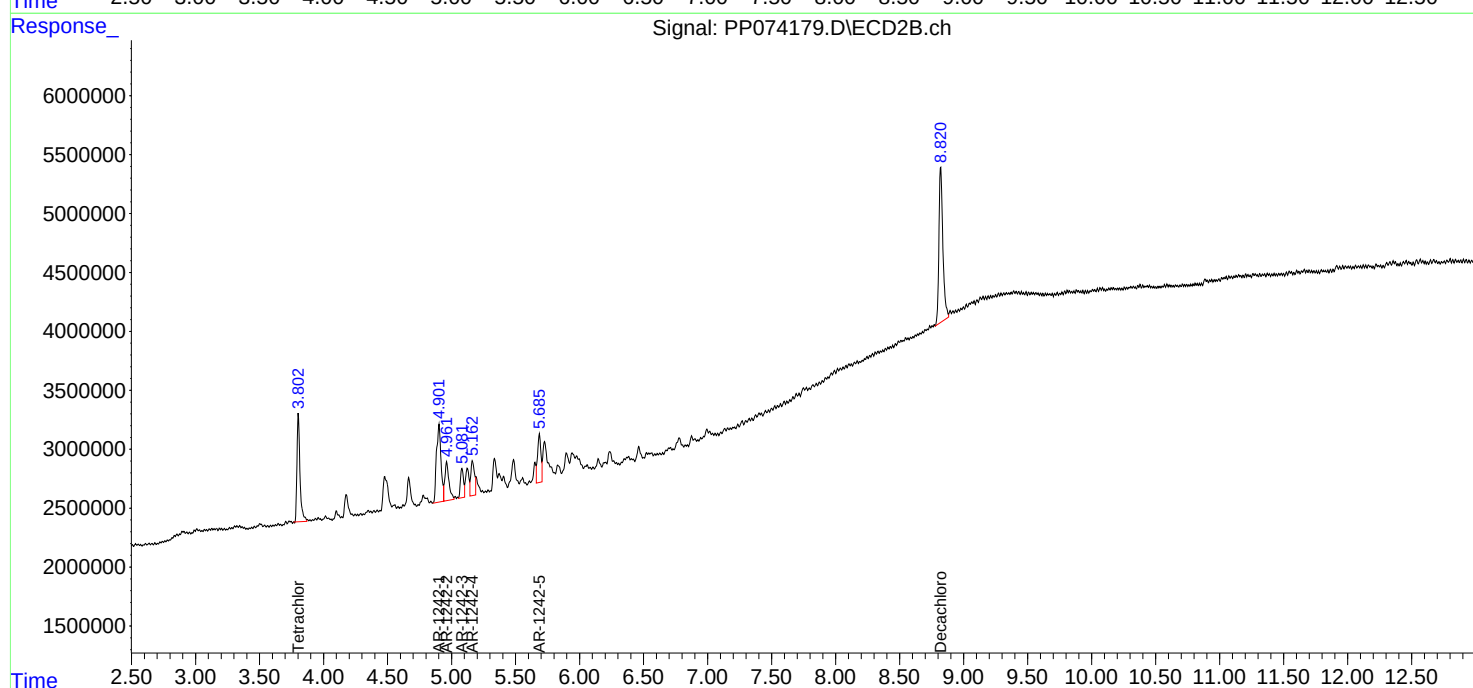
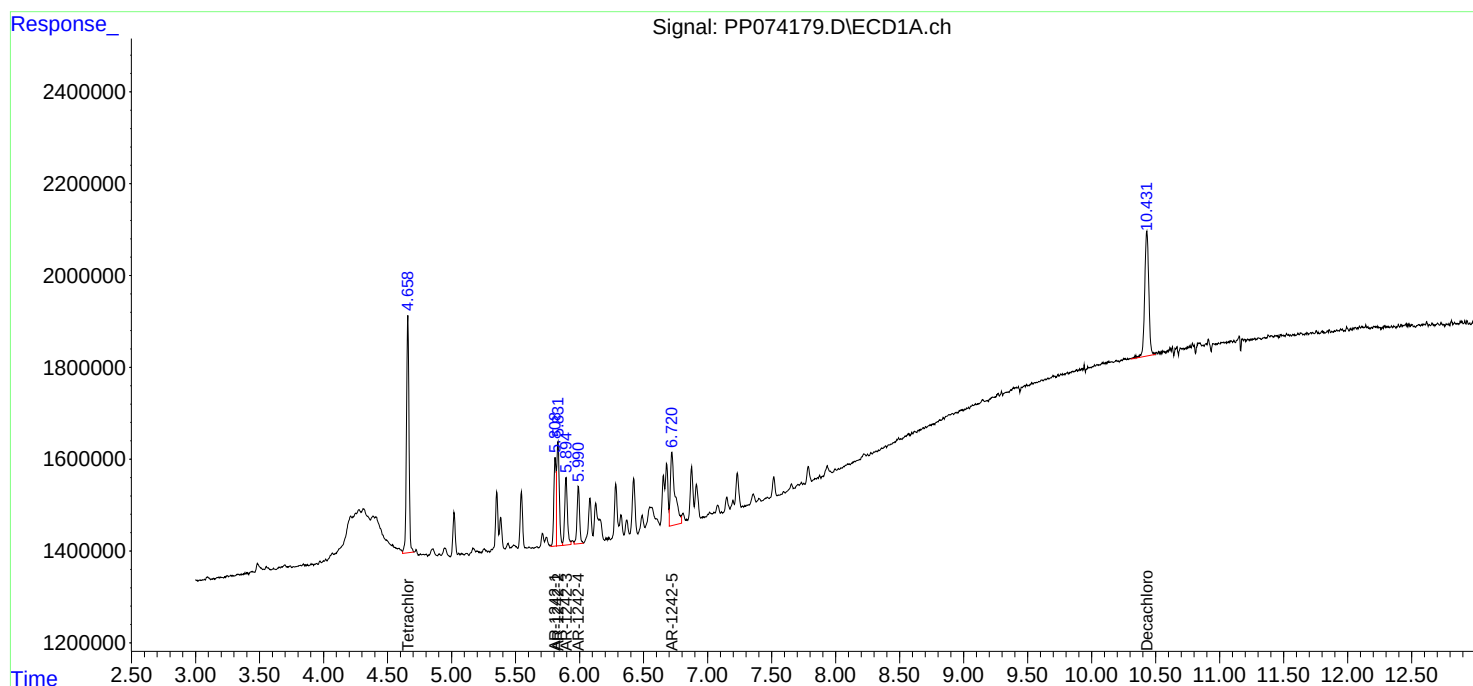
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

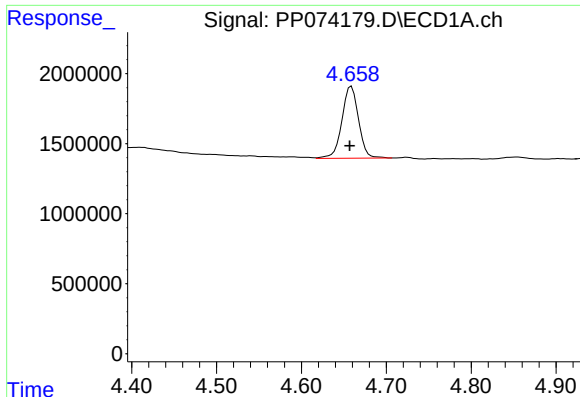
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074179.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 15:36
Operator : YP\AJ
Sample : AR1242ICC050
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 15:58:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 15:57:36 2025
Response via : Initial Calibration
Integrator: ChemStation

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

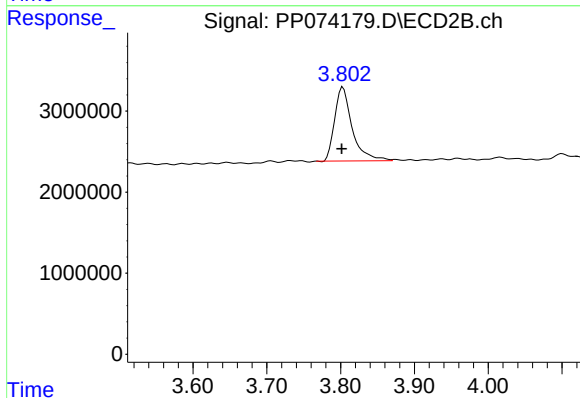




#1 Tetrachloro-m-xylene

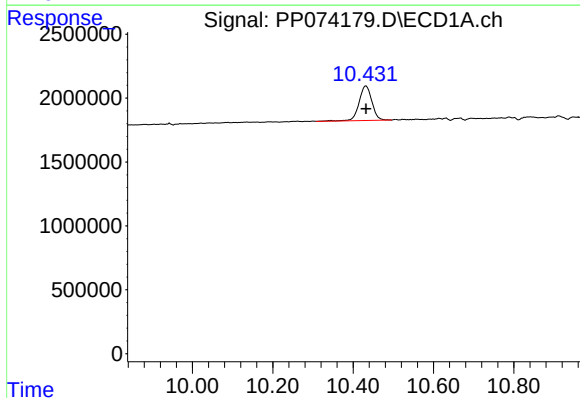
R.T.: 4.659 min
Delta R.T.: 0.002 min
Response: 6977861
Conc: 6.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



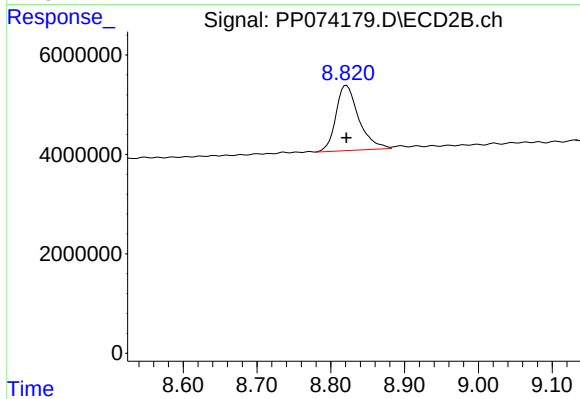
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.001 min
Response: 15078408
Conc: 3.76 ng/ml



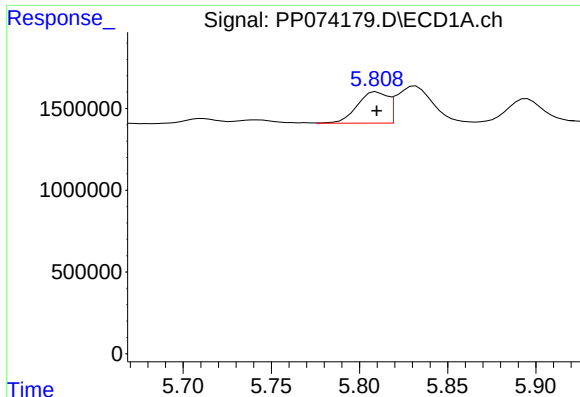
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 6026260
Conc: 5.97 ng/ml



#2 Decachlorobiphenyl

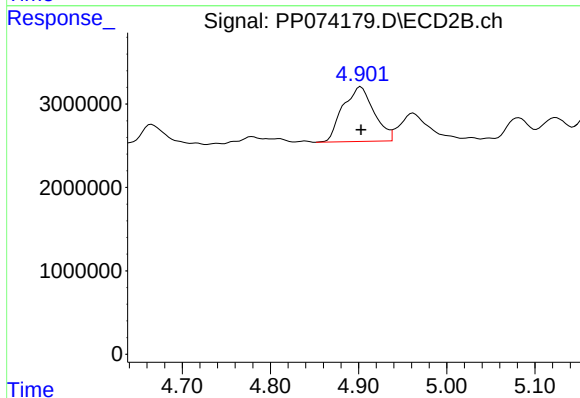
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 28194628
Conc: 4.60 ng/ml



#16 AR-1242-1

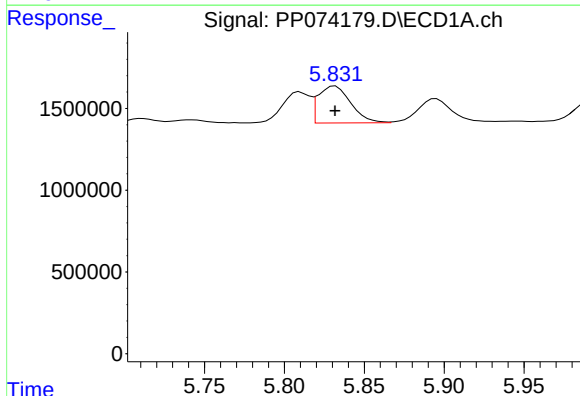
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 2289125
Conc: 61.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



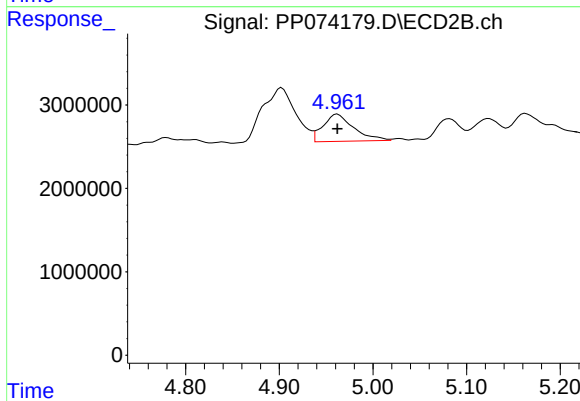
#16 AR-1242-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 16072866
Conc: 46.57 ng/ml



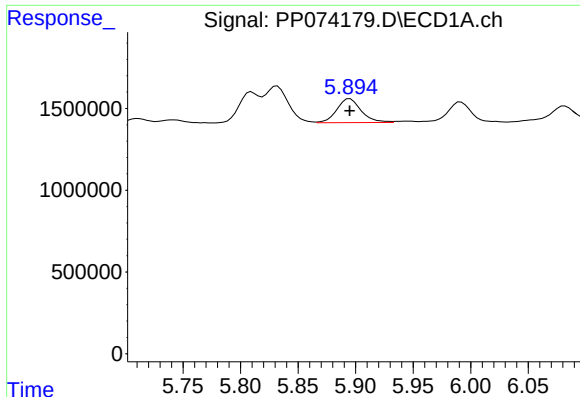
#17 AR-1242-2

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 3215660
Conc: 59.10 ng/ml



#17 AR-1242-2

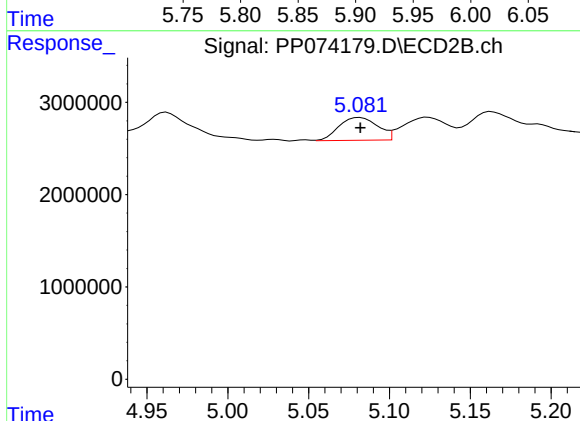
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 7443347
Conc: 45.56 ng/ml



#18 AR-1242-3

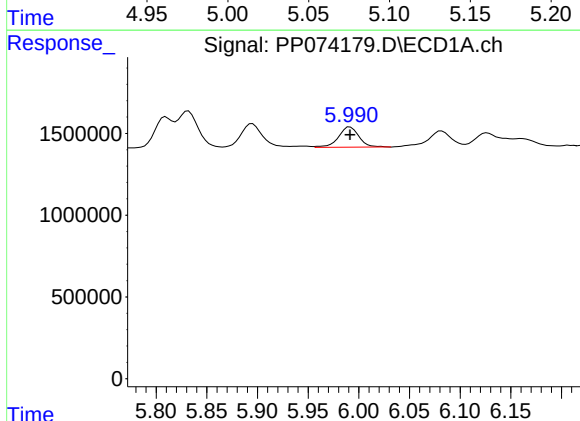
R.T.: 5.895 min
Delta R.T.: 0.000 min
Response: 2169957
Conc: 60.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



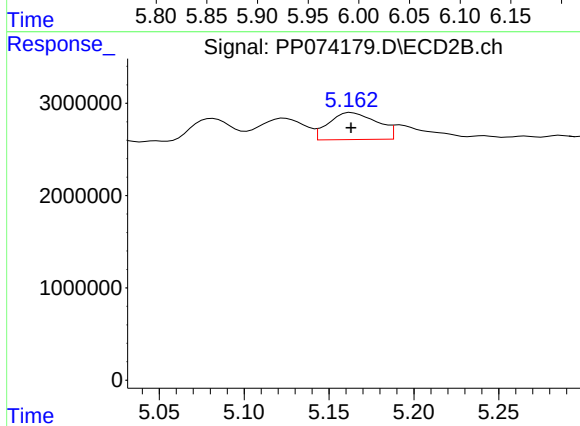
#18 AR-1242-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 4094869
Conc: 44.39 ng/ml



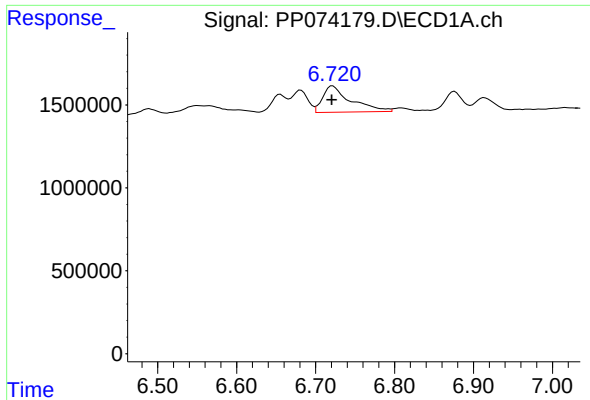
#19 AR-1242-4

R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 1732044
Conc: 59.28 ng/ml



#19 AR-1242-4

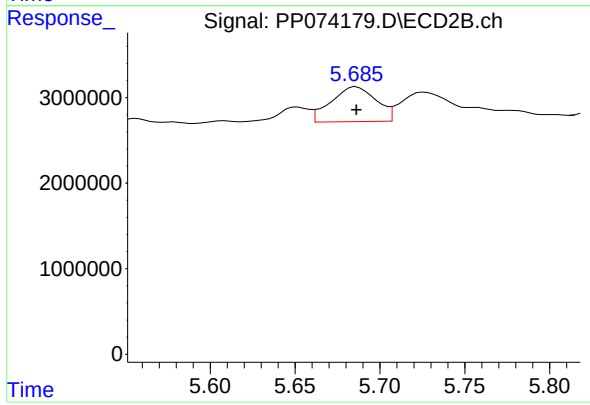
R.T.: 5.163 min
Delta R.T.: 0.000 min
Response: 5803584
Conc: 48.60 ng/ml



#20 AR-1242-5

R.T.: 6.722 min
Delta R.T.: 0.001 min
Response: 3937933
Conc: 102.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1242ICC050



#20 AR-1242-5

R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 7539678
Conc: 50.41 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 16:57
 Operator : YP\AJ
 Sample : AR1248ICC500
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 AR1248ICC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 01 23:35:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 01 23:33:57 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.660	3.805	54922987	197.2E6	50.000	50.000
2) SA Decachlor...	10.433	8.824	48401219	304.7E6	50.000	50.000
Target Compounds						
21) L5 AR-1248-1	5.810	4.903	14191296	111.8E6	500.000	500.000
22) L5 AR-1248-2	6.082	5.124	20093773	73885161	500.000	500.000
23) L5 AR-1248-3	6.284	5.166	22320416	131.4E6	500.000	698.929 #
24) L5 AR-1248-4	6.682	5.338	25791080	83528426	500.000	500.000
25) L5 AR-1248-5	6.721	5.727	26620059	151.4E6	500.000	500.000

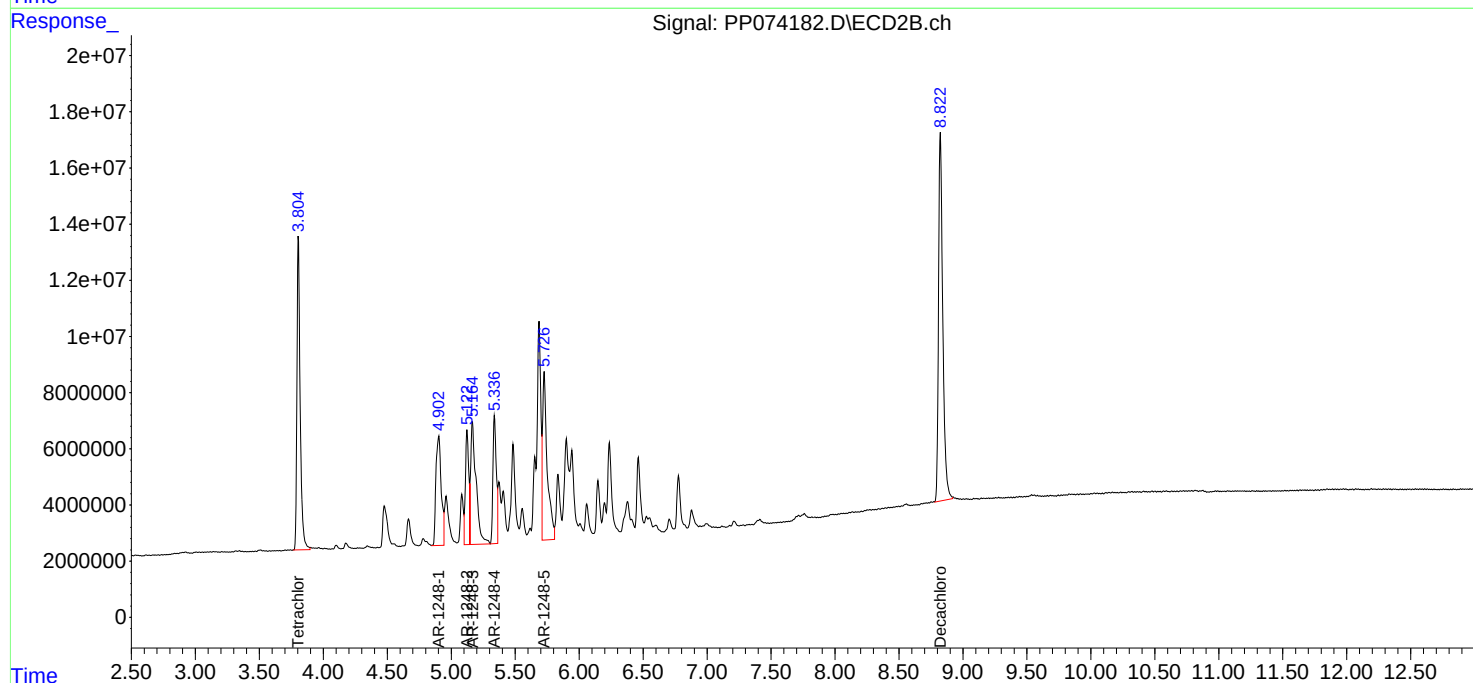
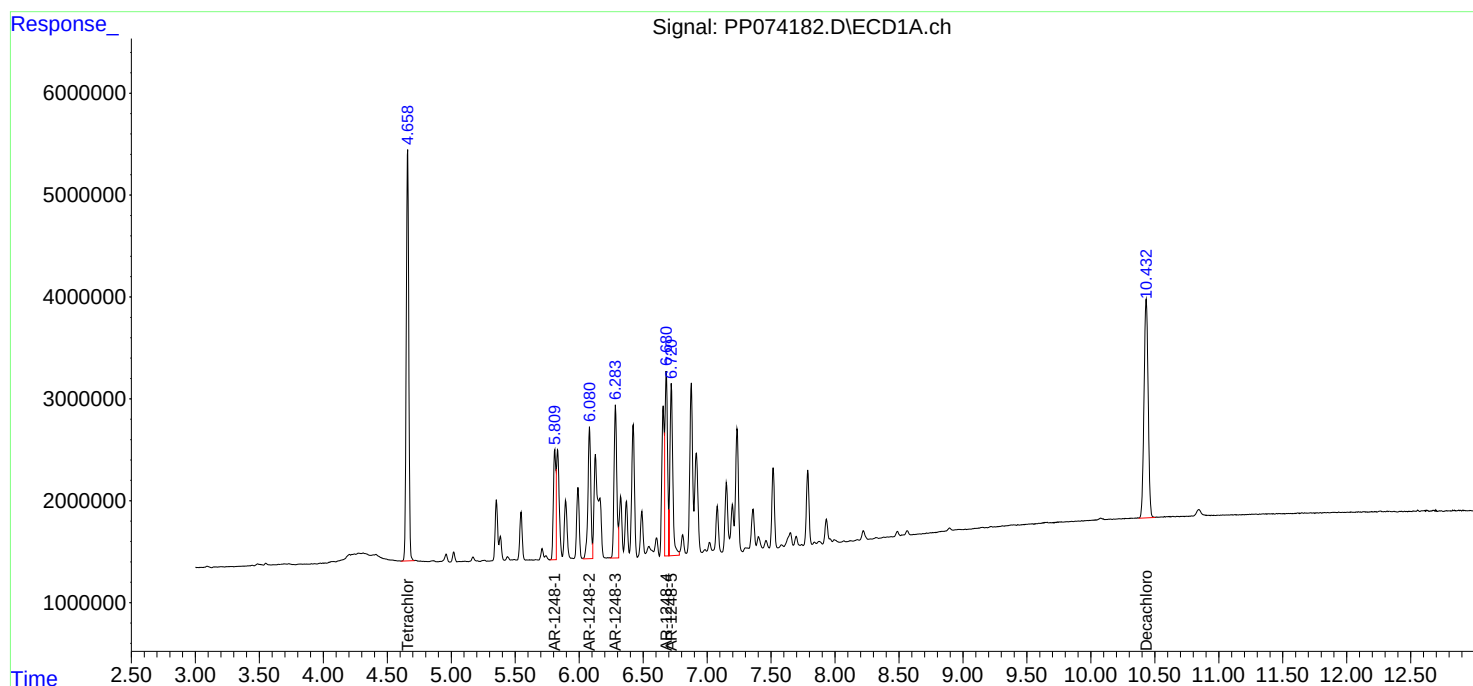
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

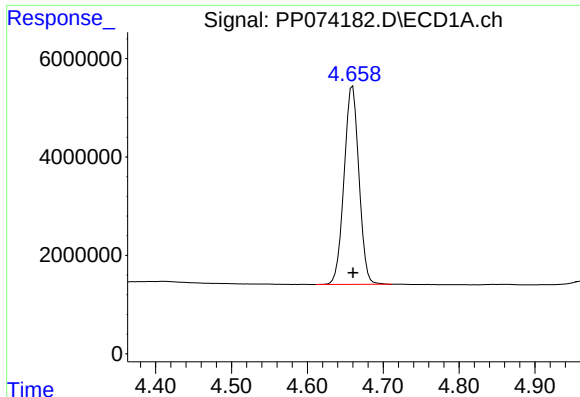
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 16:57
Operator : YP\AJ
Sample : AR1248ICC500
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 01 23:35:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 01 23:33:57 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

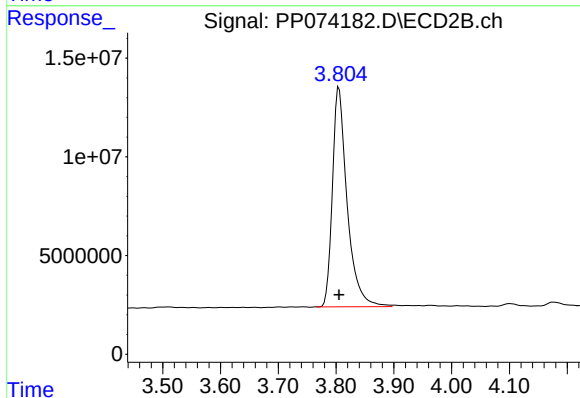




#1 Tetrachloro-m-xylene

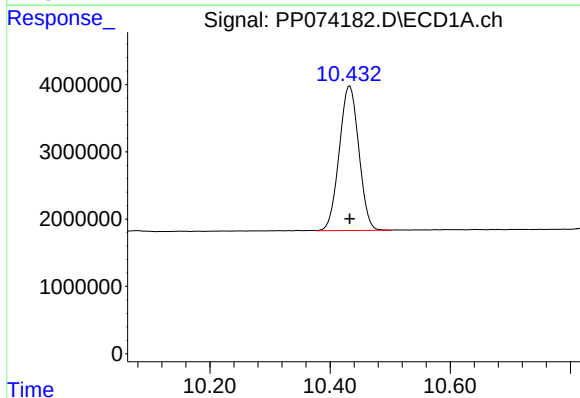
R.T.: 4.660 min
Delta R.T.: 0.000 min
Response: 54922987
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



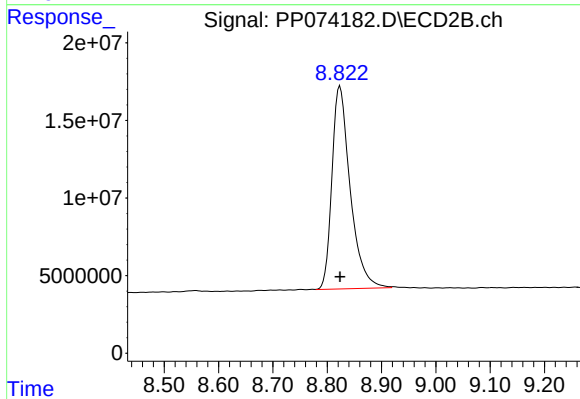
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.000 min
Response: 197242850
Conc: 50.00 ng/ml



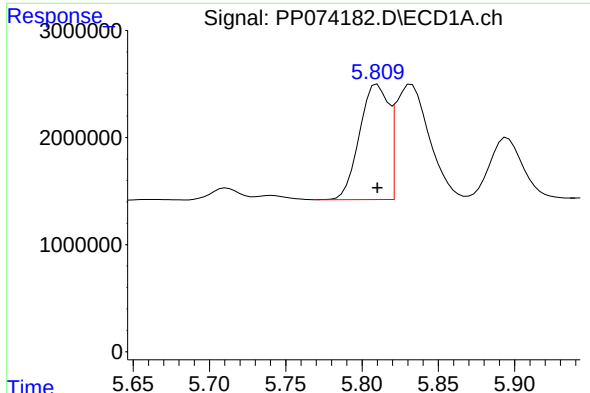
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 48401219
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

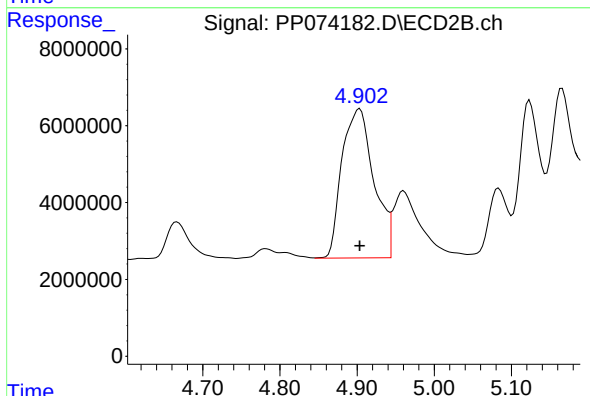
R.T.: 8.824 min
Delta R.T.: 0.000 min
Response: 304735949
Conc: 50.00 ng/ml



#21 AR-1248-1

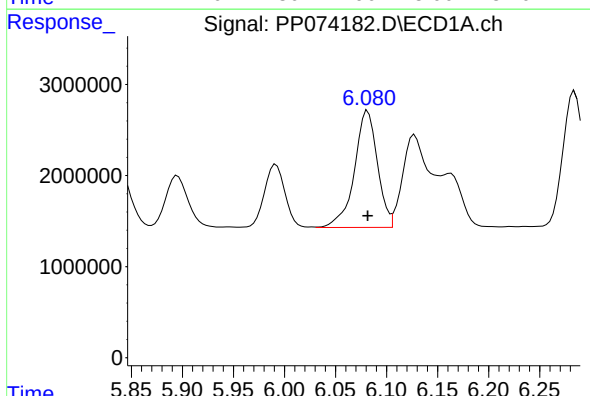
R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 14191296
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



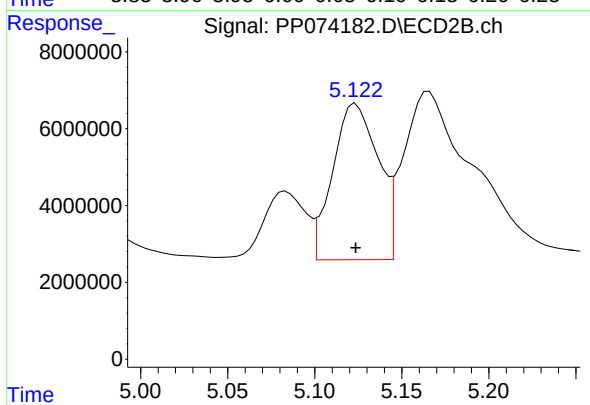
#21 AR-1248-1

R.T.: 4.903 min
Delta R.T.: 0.000 min
Response: 111814459
Conc: 500.00 ng/ml



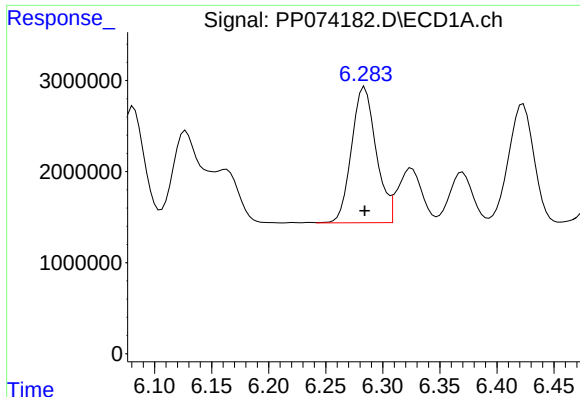
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: 0.000 min
Response: 20093773
Conc: 500.00 ng/ml



#22 AR-1248-2

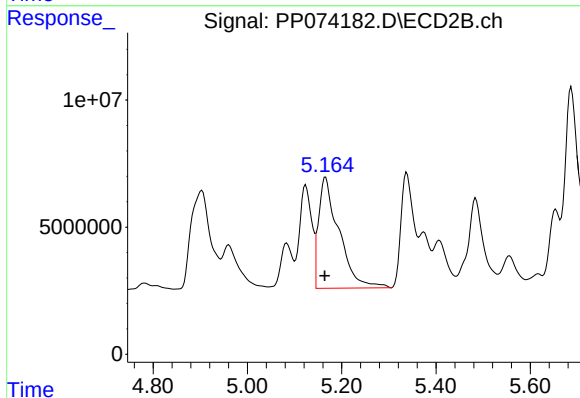
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 73885161
Conc: 500.00 ng/ml



#23 AR-1248-3

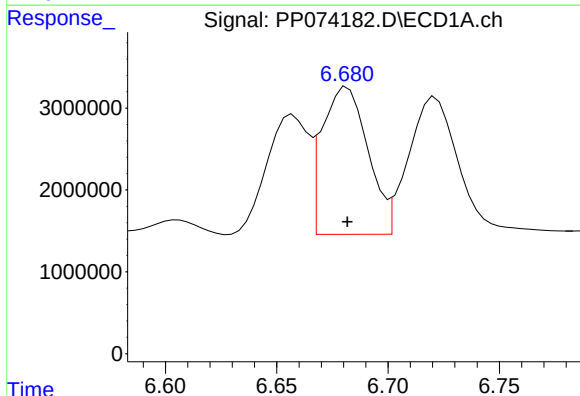
R.T.: 6.284 min
Delta R.T.: 0.000 min
Response: 22320416
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



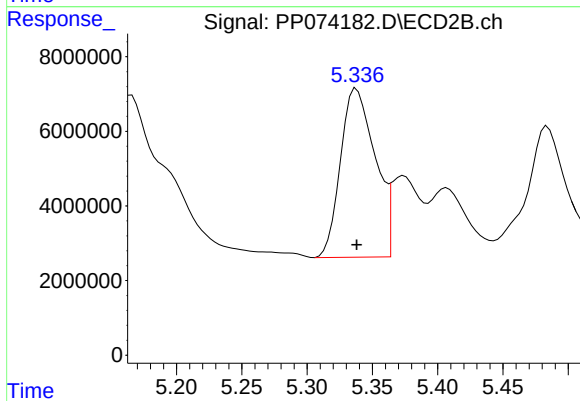
#23 AR-1248-3

R.T.: 5.166 min
Delta R.T.: 0.002 min
Response: 131449027
Conc: 698.93 ng/ml



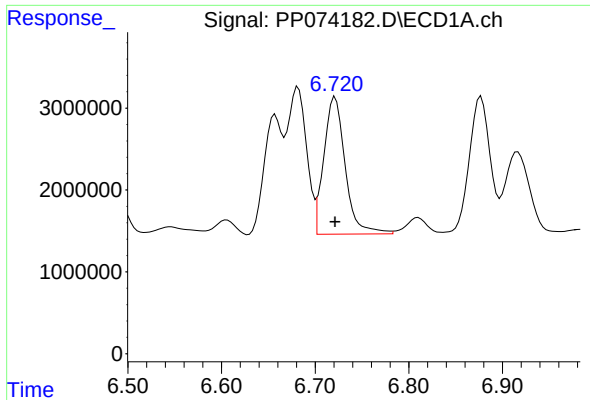
#24 AR-1248-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 25791080
Conc: 500.00 ng/ml



#24 AR-1248-4

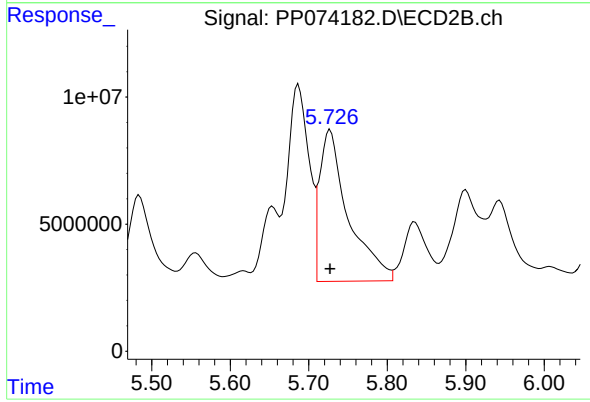
R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 83528426
Conc: 500.00 ng/ml



#25 AR-1248-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 26620059
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1248ICC500



#25 AR-1248-5

R.T.: 5.727 min
Delta R.T.: 0.000 min
Response: 151391354
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.660	3.805	105.5E6	435.9E6	94.708	107.891
2) SA Decachlor...	10.433	8.824	90161394	620.7E6	92.084	101.439
Target Compounds						
26) L6 AR-1254-1	6.660	5.689	70203514	384.6E6	1294.709	998.639
27) L6 AR-1254-2	6.875	5.835	70079706	284.4E6	896.542	1000.895
28) L6 AR-1254-3	7.237	6.238	76495408	520.2E6	905.487	1022.453
29) L6 AR-1254-4	7.518	6.464	57834344	378.1E6	911.799	1002.531
30) L6 AR-1254-5	7.934	6.882	73335985	464.7E6	909.260	1166.896 #

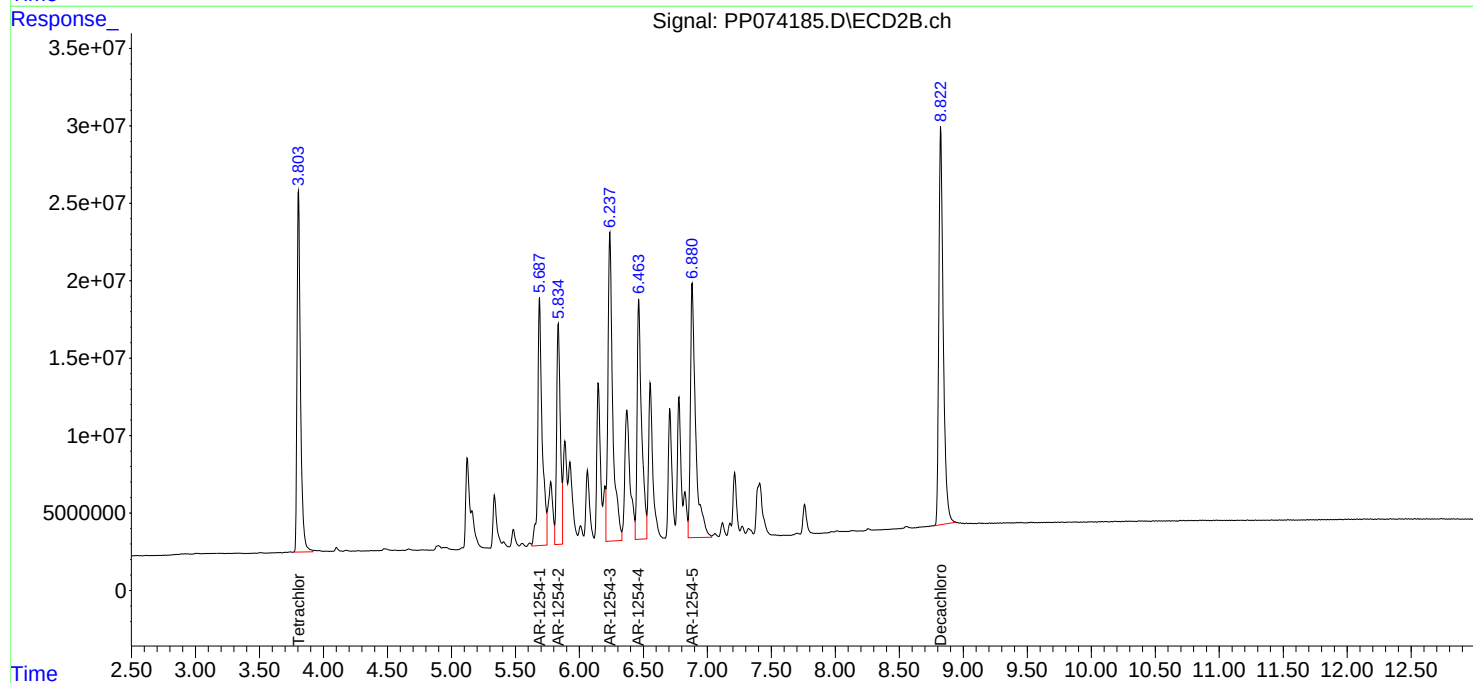
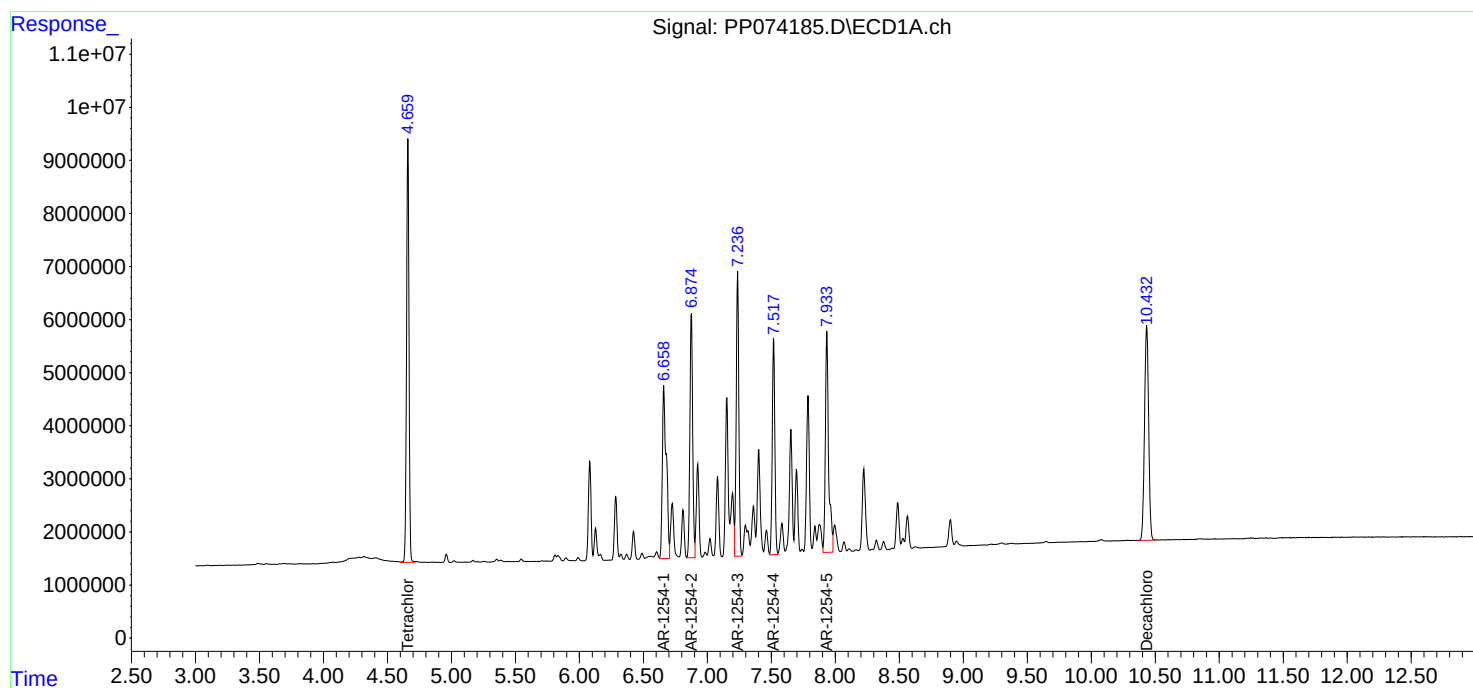
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

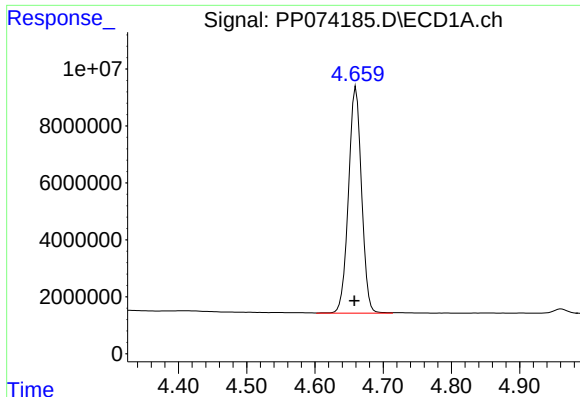
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074185.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:02
Operator : YP\AJ
Sample : AR1254ICC1000
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:02 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

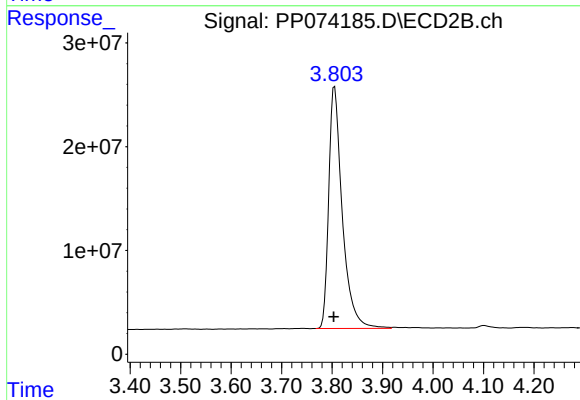




#1 Tetrachloro-m-xylene

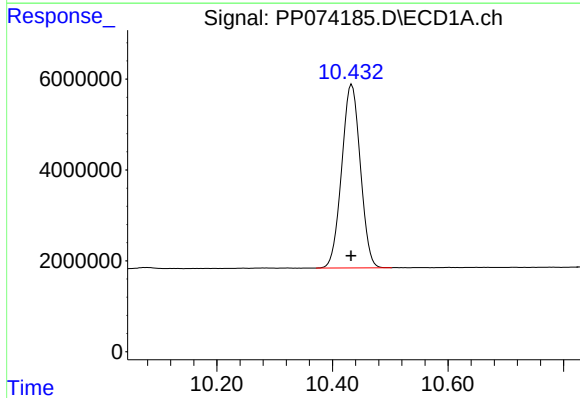
R.T.: 4.660 min
Delta R.T.: 0.002 min
Response: 105531811
Conc: 94.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



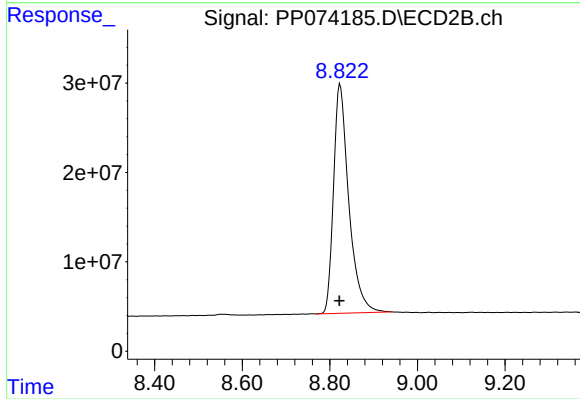
#1 Tetrachloro-m-xylene

R.T.: 3.805 min
Delta R.T.: 0.002 min
Response: 435882815
Conc: 107.89 ng/ml



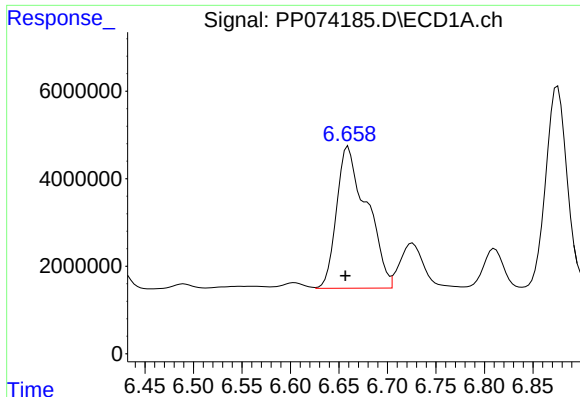
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.001 min
Response: 90161394
Conc: 92.08 ng/ml



#2 Decachlorobiphenyl

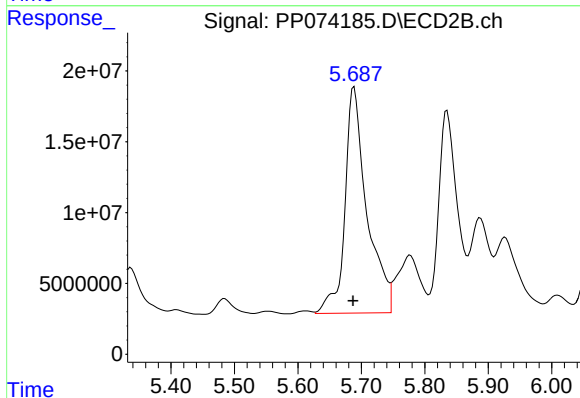
R.T.: 8.824 min
Delta R.T.: 0.002 min
Response: 620683272
Conc: 101.44 ng/ml



#26 AR-1254-1

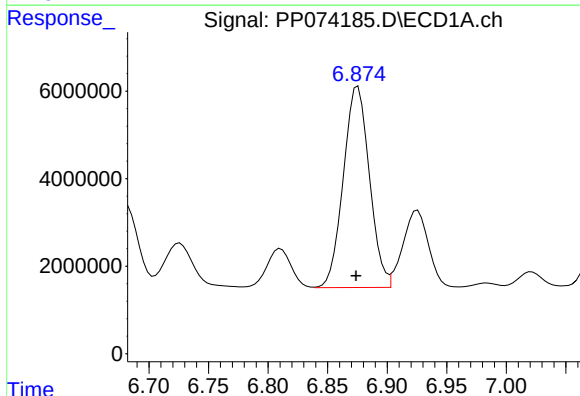
R.T.: 6.660 min
Delta R.T.: 0.003 min
Response: 70203514
Conc: 1294.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



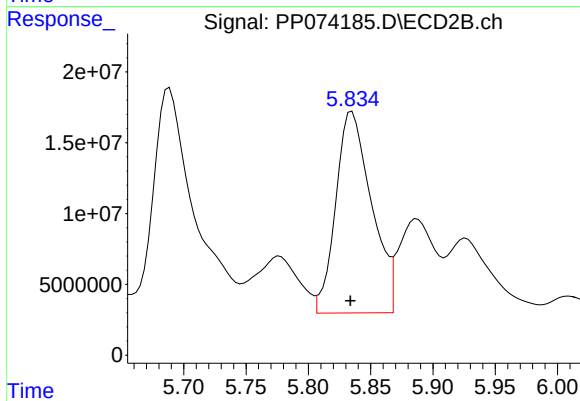
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.001 min
Response: 384557283
Conc: 998.64 ng/ml



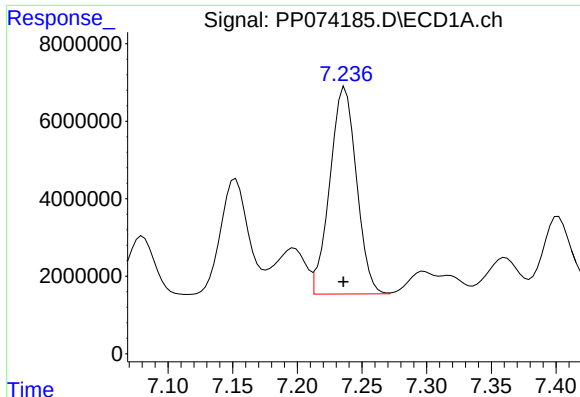
#27 AR-1254-2

R.T.: 6.875 min
Delta R.T.: 0.002 min
Response: 70079706
Conc: 896.54 ng/ml



#27 AR-1254-2

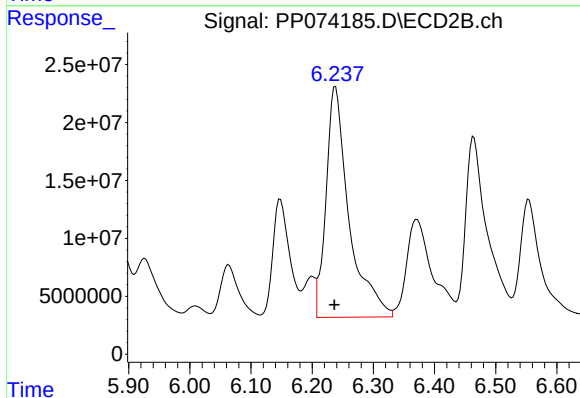
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 284389782
Conc: 1000.89 ng/ml



#28 AR-1254-3

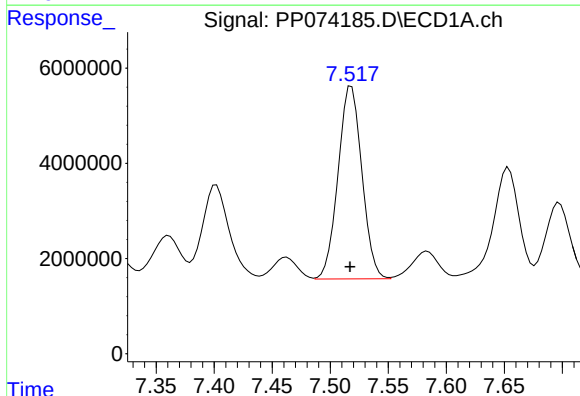
R.T.: 7.237 min
Delta R.T.: 0.002 min
Response: 76495408
Conc: 905.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



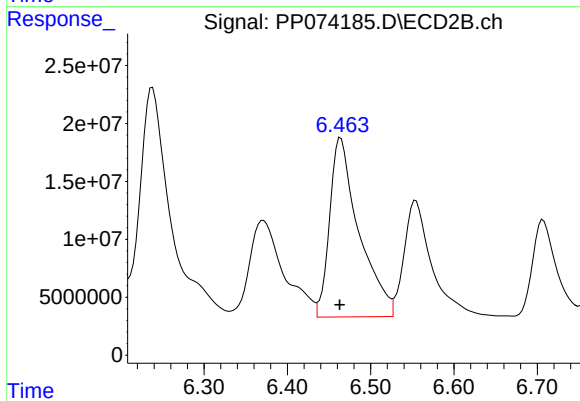
#28 AR-1254-3

R.T.: 6.238 min
Delta R.T.: 0.002 min
Response: 520239168
Conc: 1022.45 ng/ml



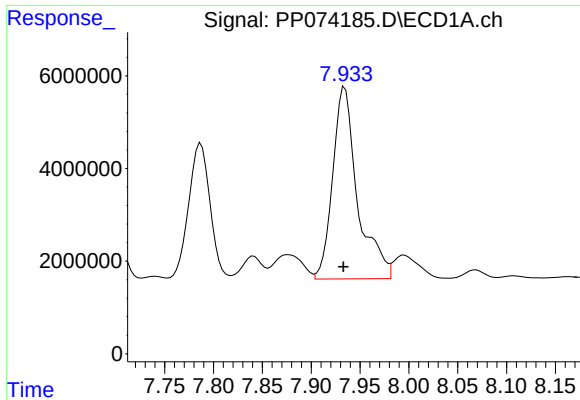
#29 AR-1254-4

R.T.: 7.518 min
Delta R.T.: 0.001 min
Response: 57834344
Conc: 911.80 ng/ml



#29 AR-1254-4

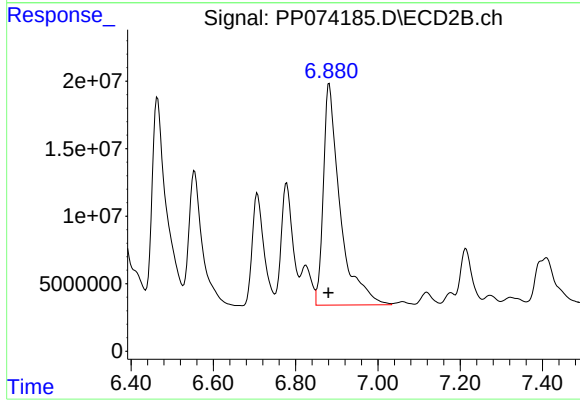
R.T.: 6.464 min
Delta R.T.: 0.001 min
Response: 378053305
Conc: 1002.53 ng/ml



#30 AR-1254-5

R.T.: 7.934 min
Delta R.T.: 0.002 min
Response: 73335985
Conc: 909.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC1000



#30 AR-1254-5

R.T.: 6.882 min
Delta R.T.: 0.002 min
Response: 464689213
Conc: 1166.90 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.659	3.804	80274871	316.5E6	72.041	78.350
2) SA Decachlor...	10.433	8.823	69679431	463.5E6	71.165	75.743
Target Compounds						
26) L6 AR-1254-1	6.658	5.688	55036391	271.1E6	1014.994	703.976 #
27) L6 AR-1254-2	6.874	5.835	54514978	207.5E6	697.420	730.114
28) L6 AR-1254-3	7.236	6.237	59505451	390.5E6	704.374	767.509
29) L6 AR-1254-4	7.517	6.464	44944937	292.2E6	708.589	774.901
30) L6 AR-1254-5	7.933	6.881	57058661	308.2E6	707.445	773.995

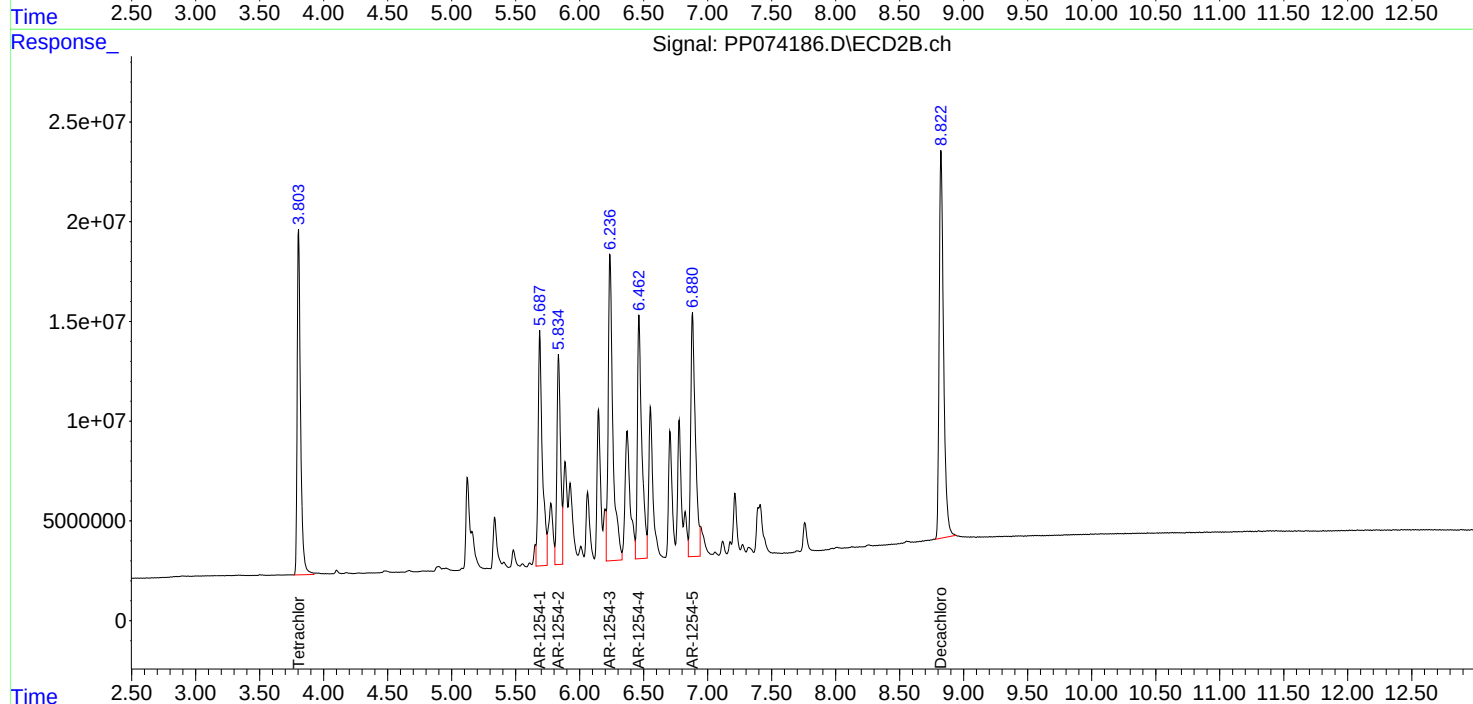
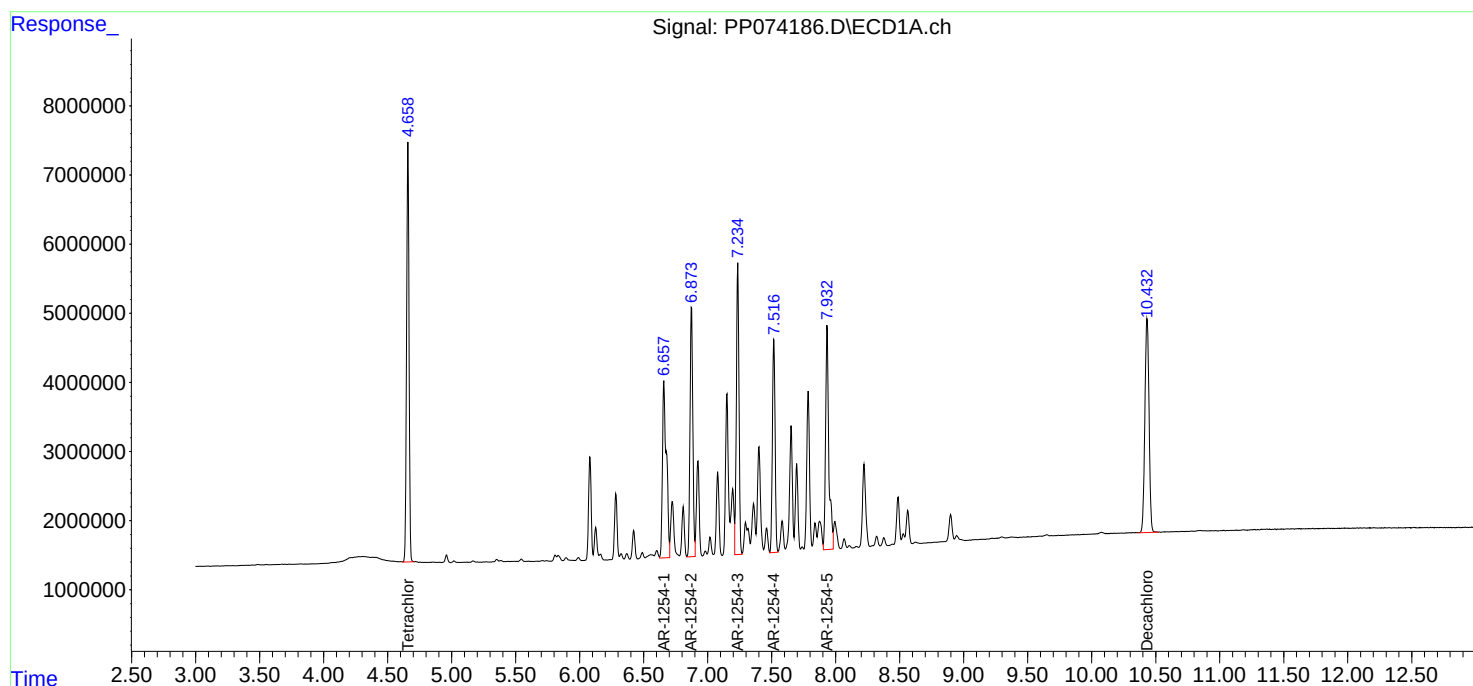
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

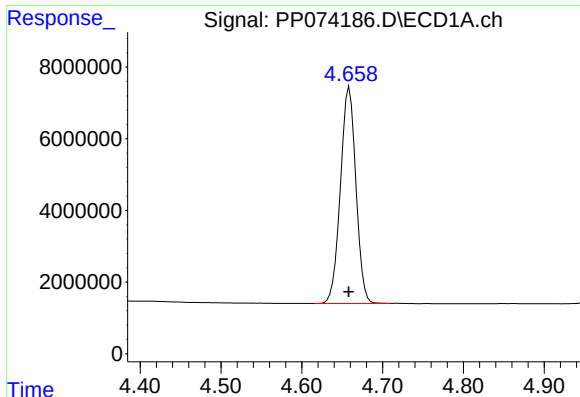
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:18
Operator : YP\AJ
Sample : AR1254ICC750
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:20 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

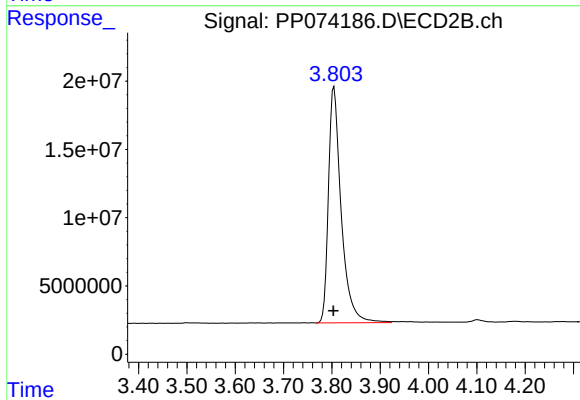




#1 Tetrachloro-m-xylene

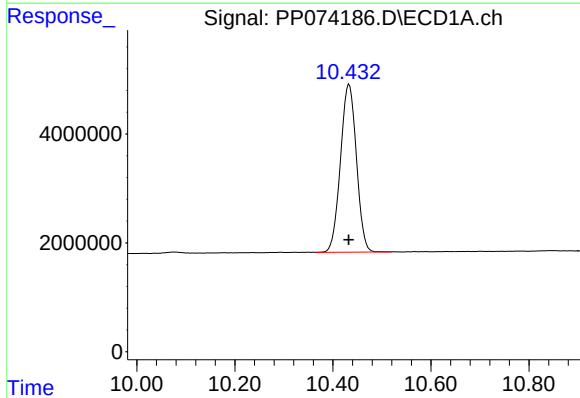
R.T.: 4.659 min
Delta R.T.: 0.000 min
Response: 80274871
Conc: 72.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



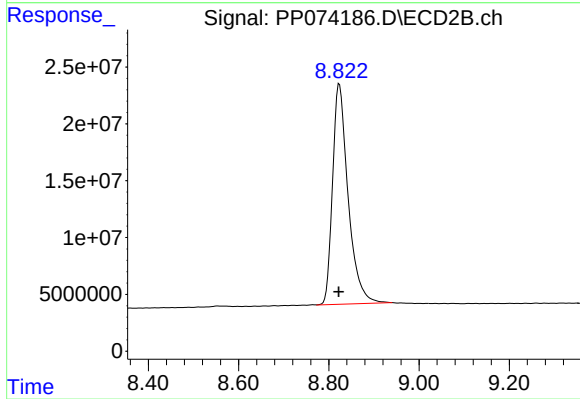
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.001 min
Response: 316536494
Conc: 78.35 ng/ml



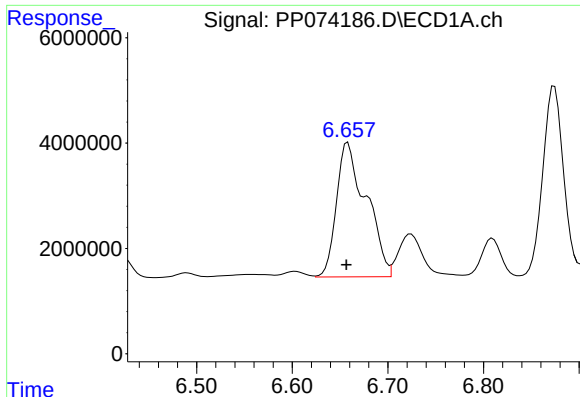
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.000 min
Response: 69679431
Conc: 71.17 ng/ml



#2 Decachlorobiphenyl

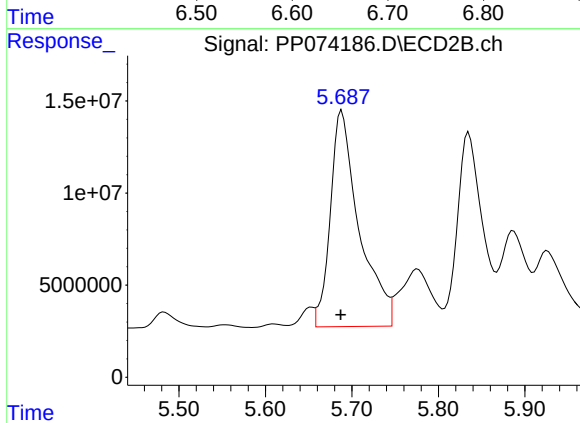
R.T.: 8.823 min
Delta R.T.: 0.001 min
Response: 463453835
Conc: 75.74 ng/ml



#26 AR-1254-1

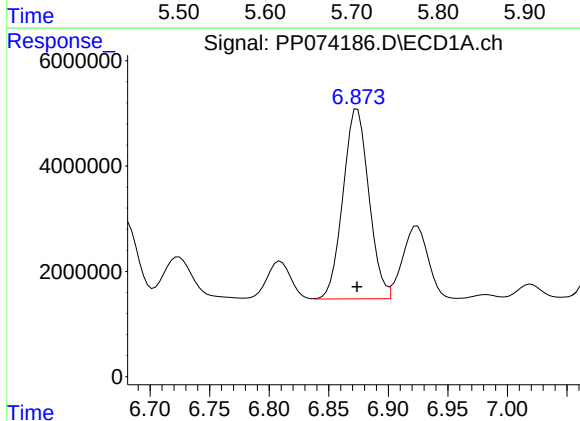
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 55036391
Conc: 1014.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



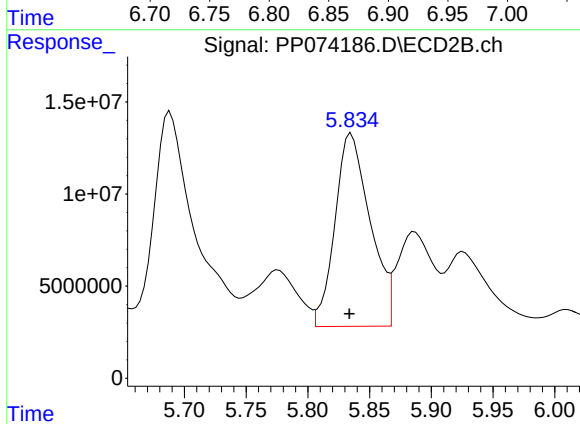
#26 AR-1254-1

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 271087969
Conc: 703.98 ng/ml



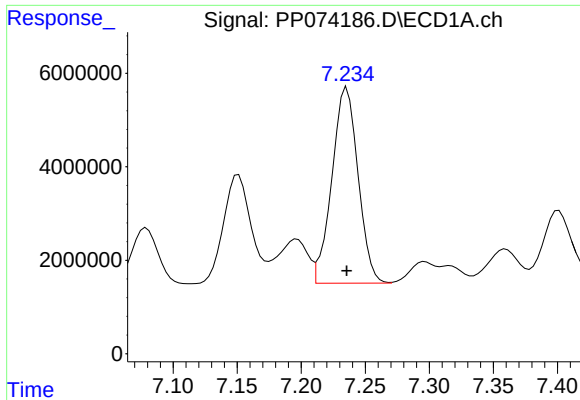
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 54514978
Conc: 697.42 ng/ml



#27 AR-1254-2

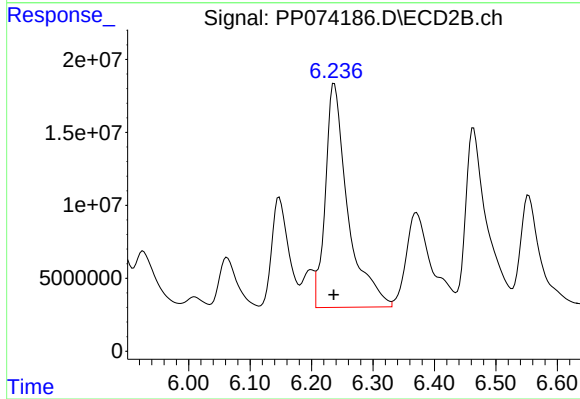
R.T.: 5.835 min
Delta R.T.: 0.001 min
Response: 207451389
Conc: 730.11 ng/ml



#28 AR-1254-3

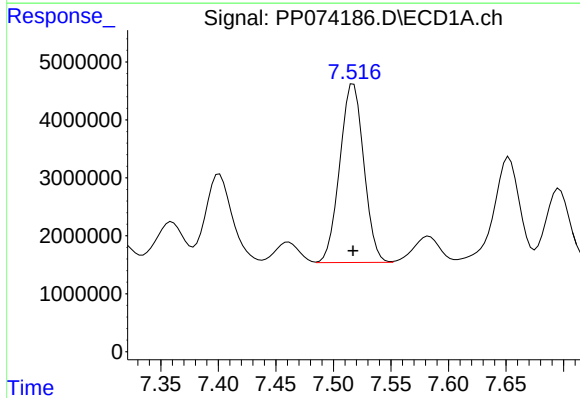
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 59505451
Conc: 704.37 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



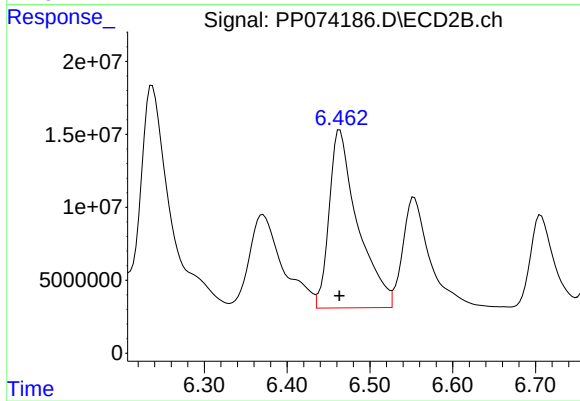
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 390519824
Conc: 767.51 ng/ml



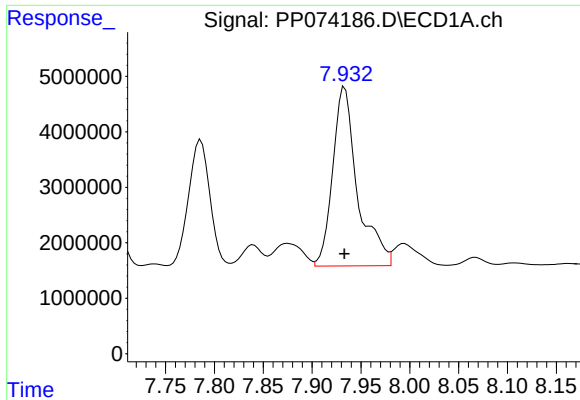
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 44944937
Conc: 708.59 ng/ml



#29 AR-1254-4

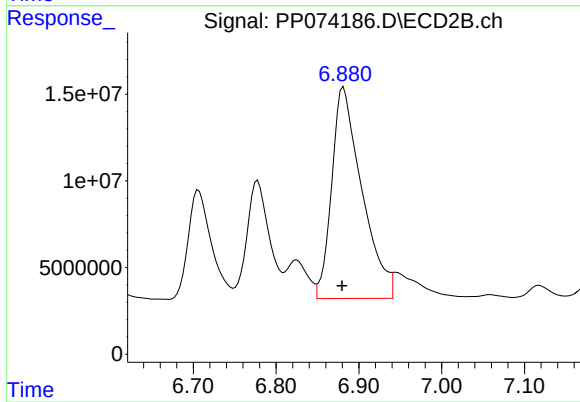
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 292214490
Conc: 774.90 ng/ml



#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 57058661
Conc: 707.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC750



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.002 min
Response: 308225641
Conc: 774.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	55714538	202.0E6	50.000	50.000
2) SA Decachlor...	10.432	8.822	48956102	305.9E6	50.000	50.000
Target Compounds						
26) L6 AR-1254-1	6.658	5.687	39387303	192.5E6	726.390	500.000 #
27) L6 AR-1254-2	6.874	5.834	39083346	142.1E6	500.000	500.000
28) L6 AR-1254-3	7.236	6.237	42239930	254.4E6	500.000	500.000
29) L6 AR-1254-4	7.517	6.463	31714402	188.5E6	500.000	500.000
30) L6 AR-1254-5	7.933	6.880	40327283	199.1E6	500.000	500.000

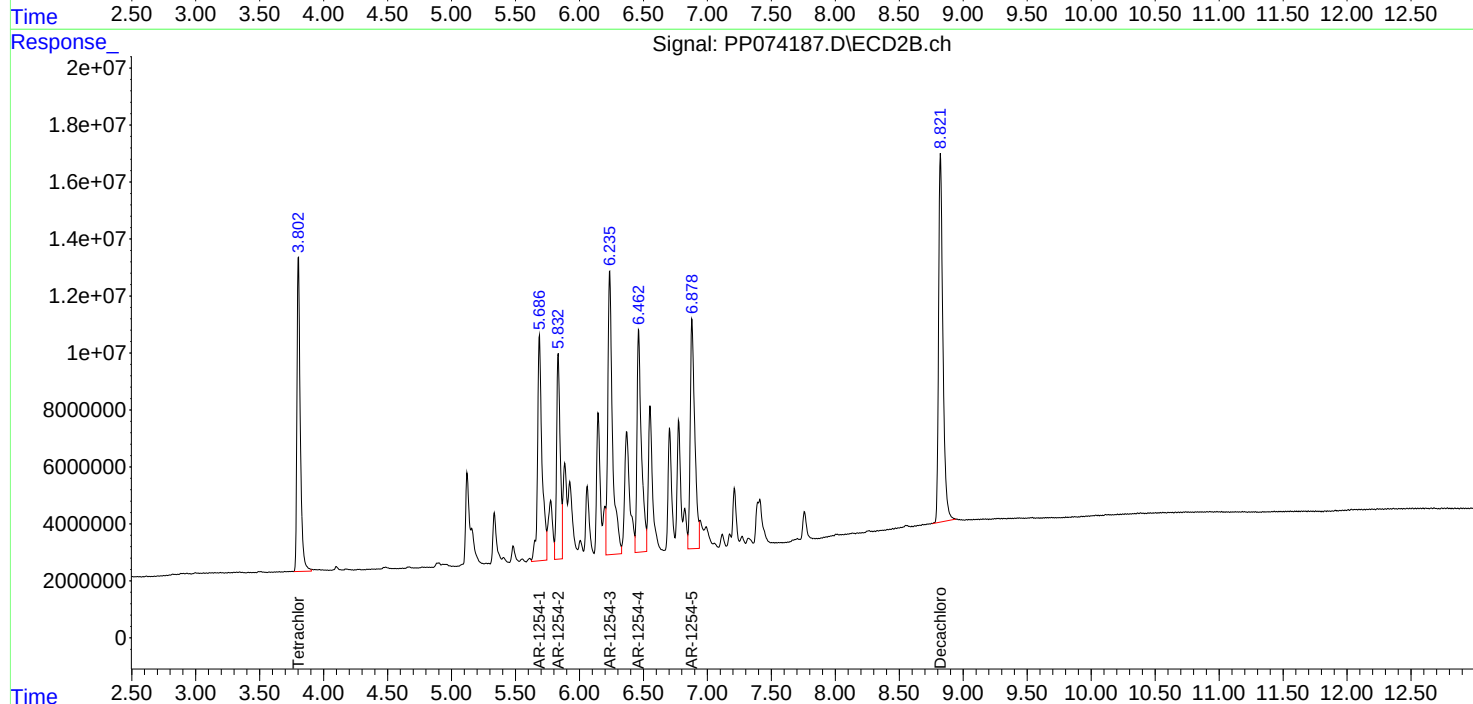
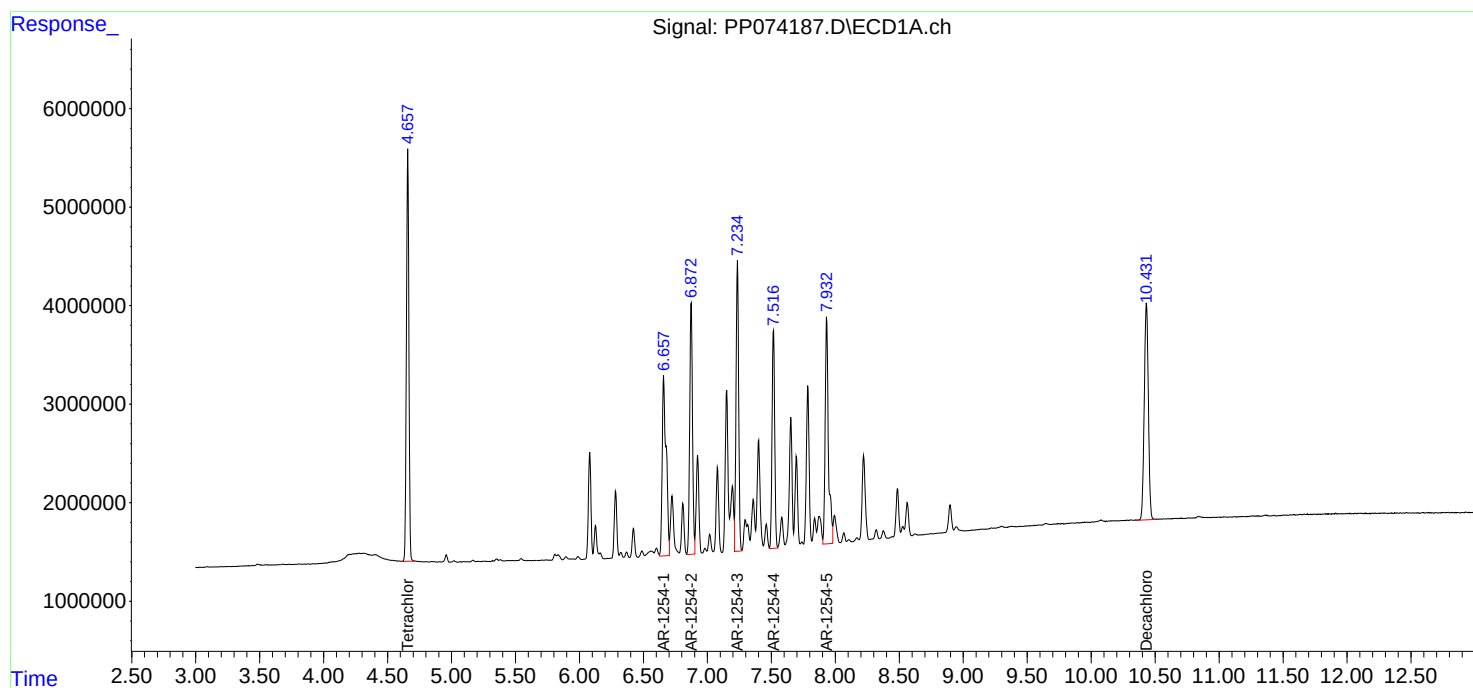
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

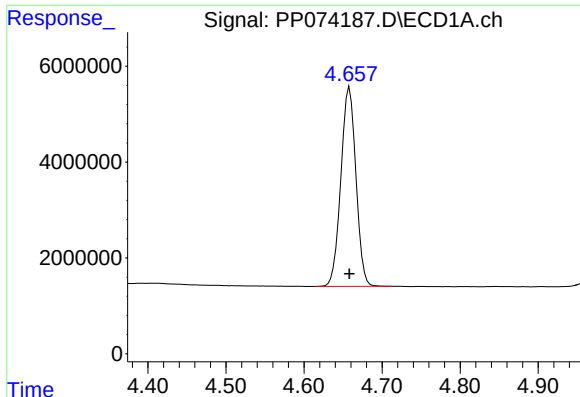
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074187.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:34
Operator : YP\AJ
Sample : AR1254ICC500
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:38 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

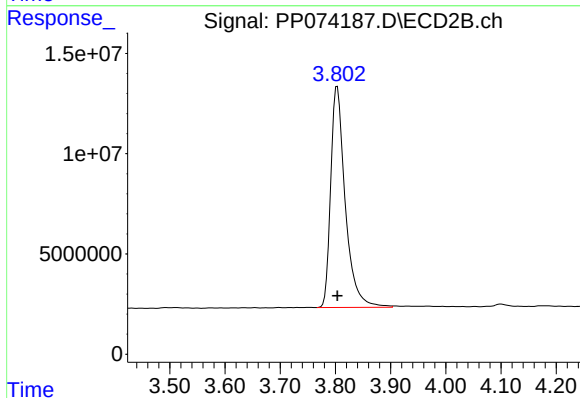




#1 Tetrachloro-m-xylene

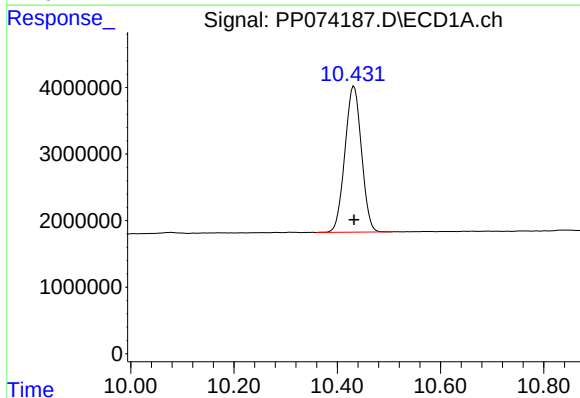
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 55714538
Conc: 50.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



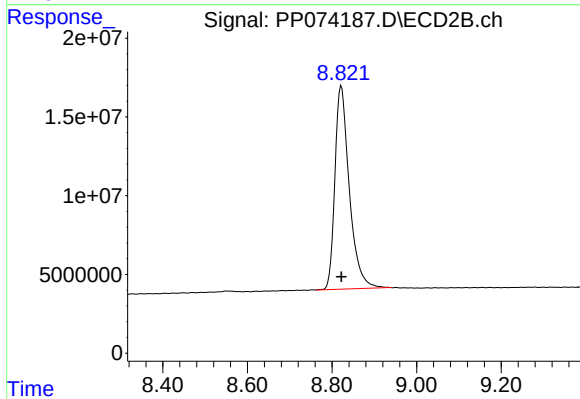
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 202001814
Conc: 50.00 ng/ml



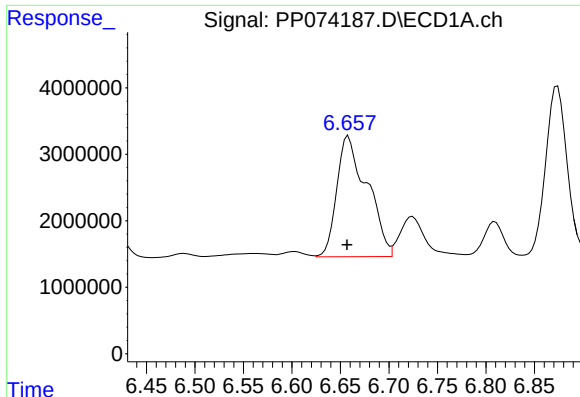
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: 0.000 min
Response: 48956102
Conc: 50.00 ng/ml



#2 Decachlorobiphenyl

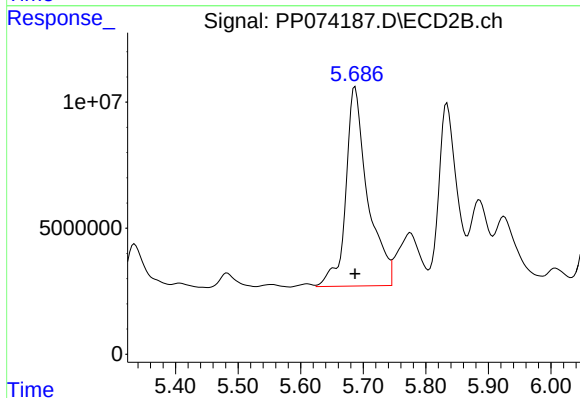
R.T.: 8.822 min
Delta R.T.: 0.000 min
Response: 305938523
Conc: 50.00 ng/ml



#26 AR-1254-1

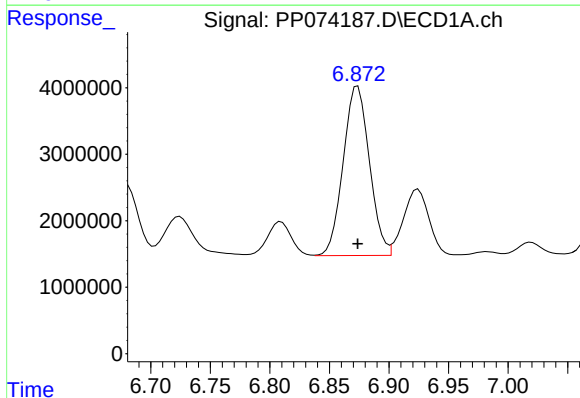
R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 39387303
Conc: 726.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



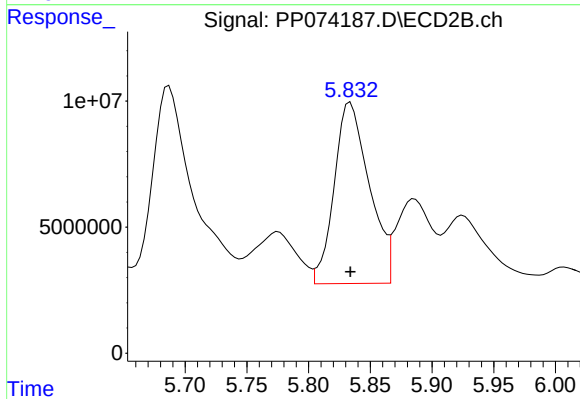
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 192540601
Conc: 500.00 ng/ml



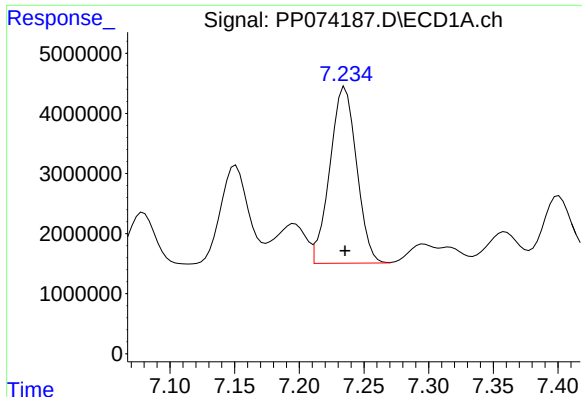
#27 AR-1254-2

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 39083346
Conc: 500.00 ng/ml



#27 AR-1254-2

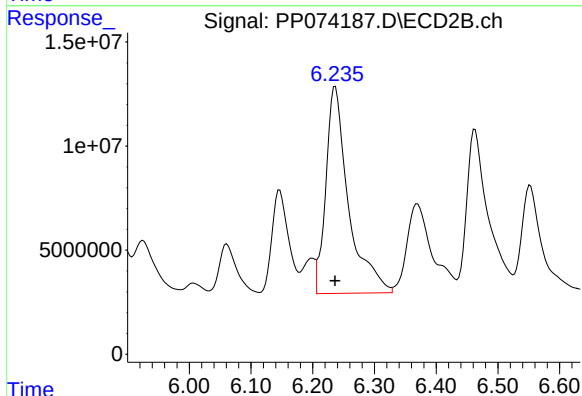
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 142067796
Conc: 500.00 ng/ml



#28 AR-1254-3

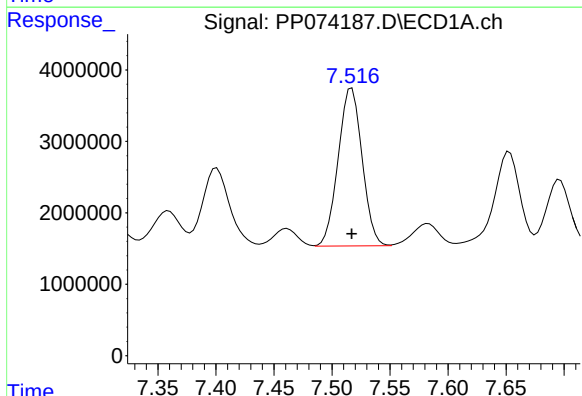
R.T.: 7.236 min
Delta R.T.: 0.000 min
Response: 42239930
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



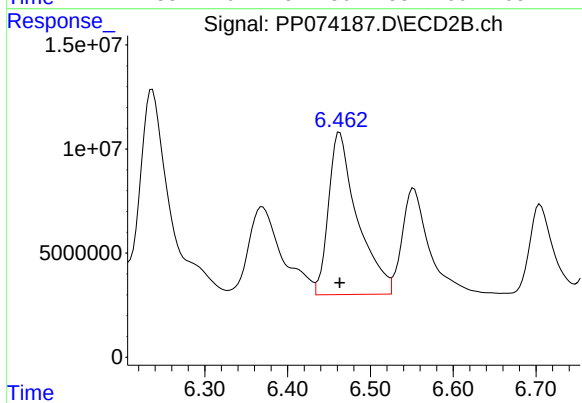
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 254407378
Conc: 500.00 ng/ml



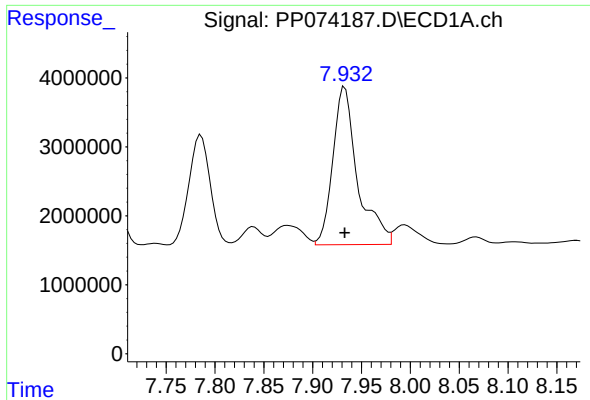
#29 AR-1254-4

R.T.: 7.517 min
Delta R.T.: 0.000 min
Response: 31714402
Conc: 500.00 ng/ml



#29 AR-1254-4

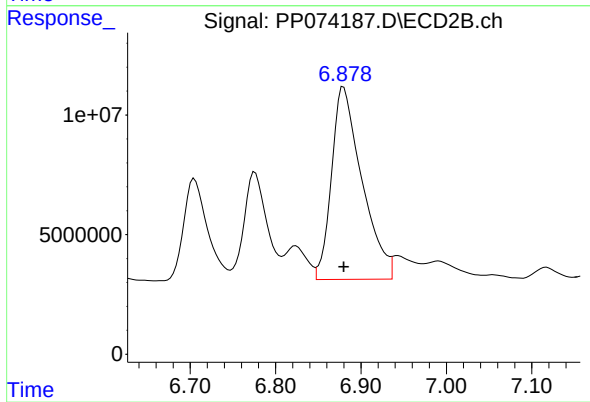
R.T.: 6.463 min
Delta R.T.: 0.000 min
Response: 188549489
Conc: 500.00 ng/ml



#30 AR-1254-5

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 40327283
Conc: 500.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC500



#30 AR-1254-5

R.T.: 6.880 min
Delta R.T.: 0.000 min
Response: 199113358
Conc: 500.00 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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...	4.658	3.803	29734018	92012238	26.684	22.775
2) SA Decachlor...	10.431	8.821	26431747	157.0E6	26.995	25.657
Target Compounds						
26) L6 AR-1254-1	6.657	5.687	21966850	94373679	405.118	245.075 #
27) L6 AR-1254-2	6.873	5.834	21644264	72682229	276.899	255.801
28) L6 AR-1254-3	7.235	6.236	23355124	131.7E6	276.458	258.769
29) L6 AR-1254-4	7.516	6.462	17399794	98587777	274.320	261.437
30) L6 AR-1254-5	7.932	6.879	22010158	98393861	272.894	247.080

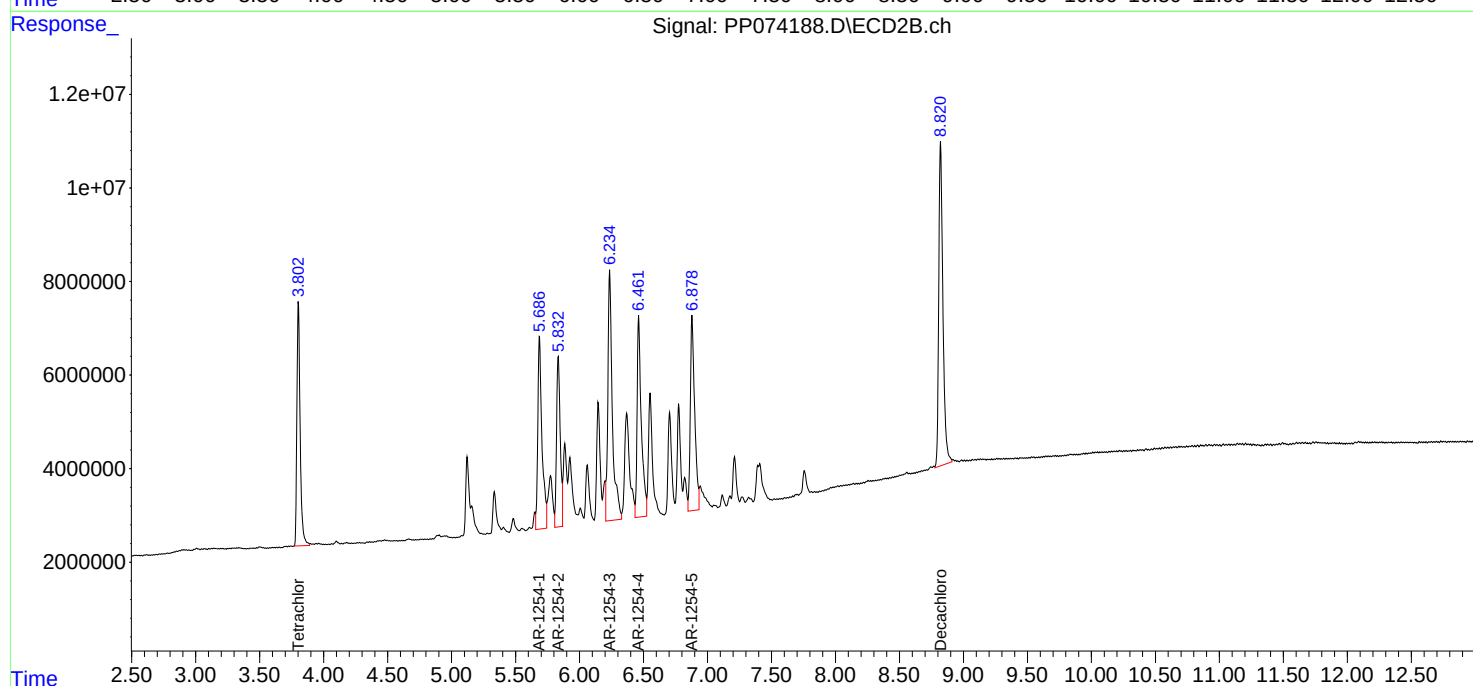
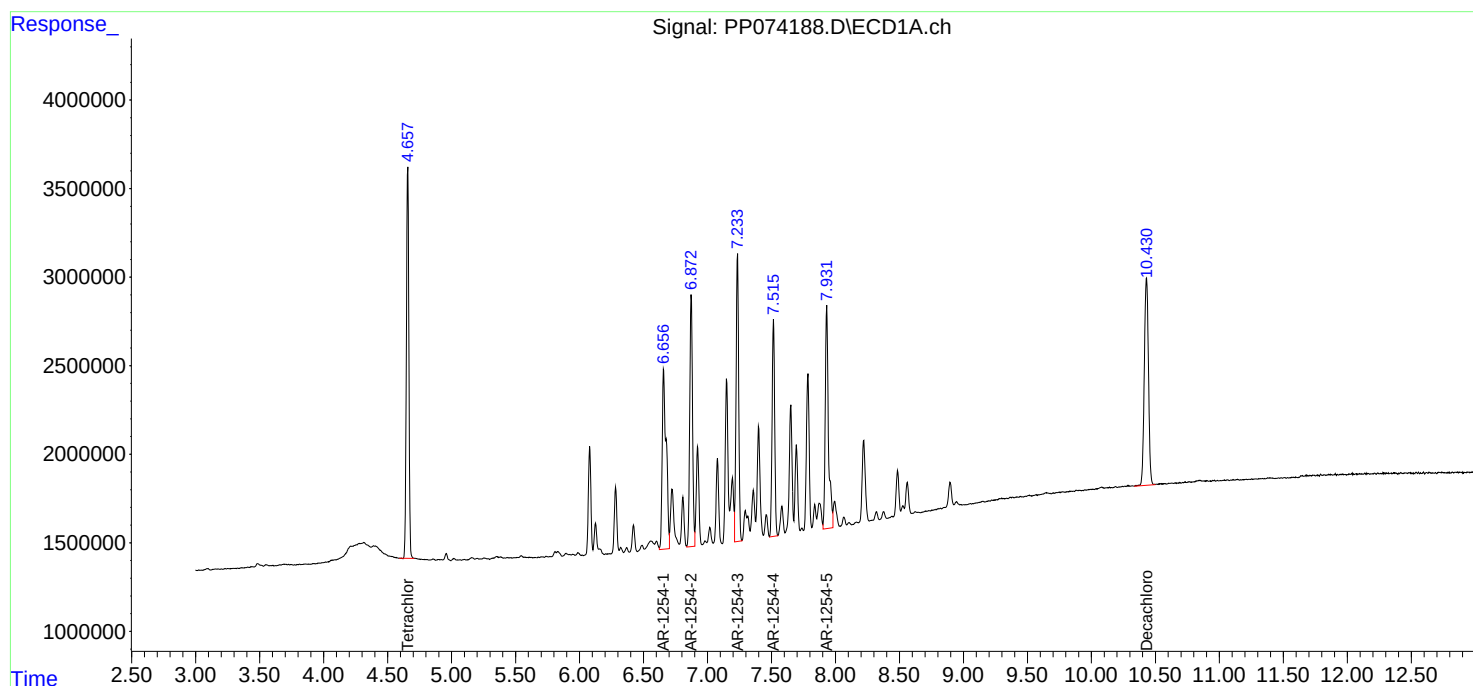
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

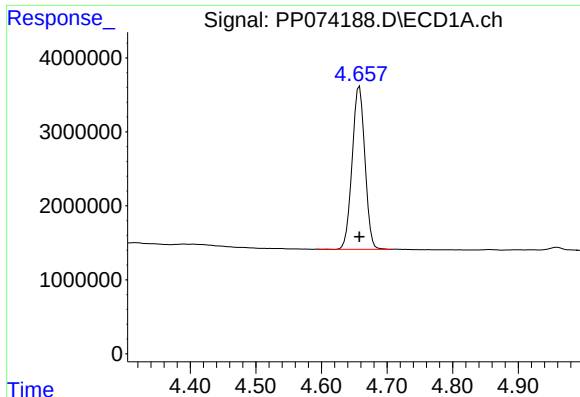
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074188.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 18:50
Operator : YP\AJ
Sample : AR1254ICC250
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 00:46:23 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 0.50µm Signal #2 Info : 30M x 0.32mm x 0.25µm

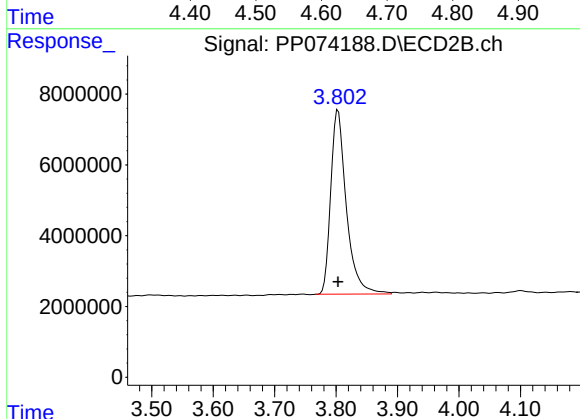




#1 Tetrachloro-m-xylene

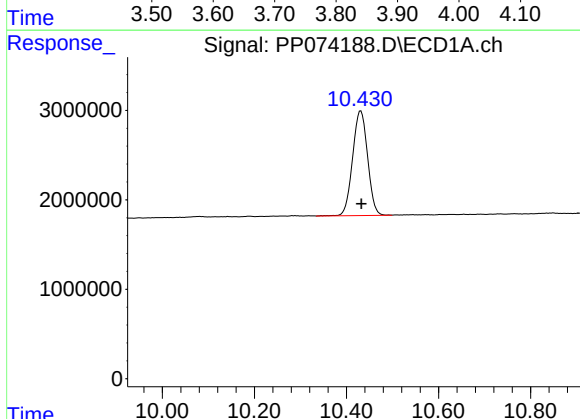
R.T.: 4.658 min
Delta R.T.: 0.000 min
Response: 29734018
Conc: 26.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



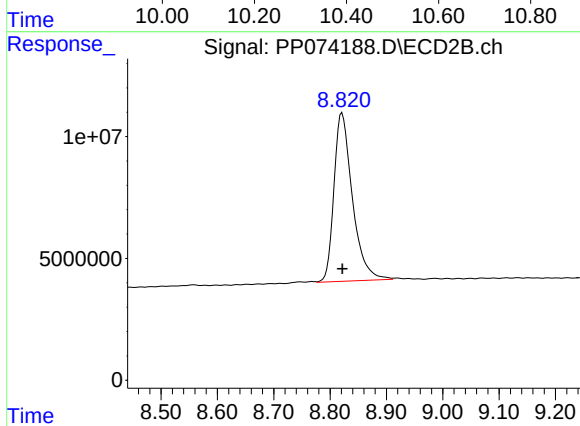
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: 0.000 min
Response: 92012238
Conc: 22.78 ng/ml



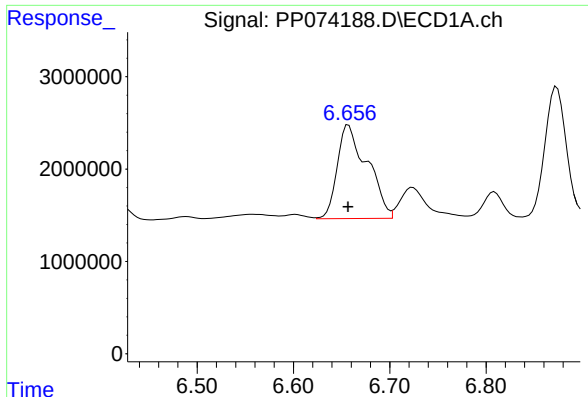
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.001 min
Response: 26431747
Conc: 27.00 ng/ml



#2 Decachlorobiphenyl

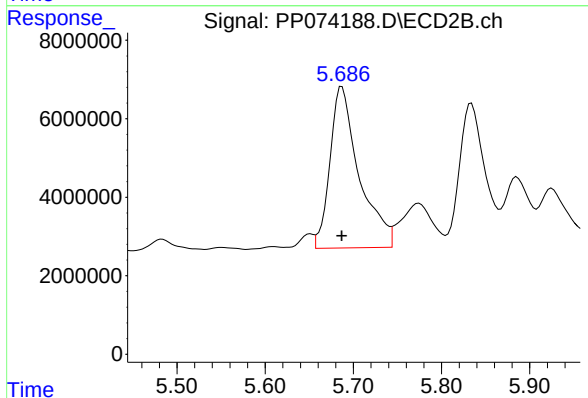
R.T.: 8.821 min
Delta R.T.: 0.000 min
Response: 156986884
Conc: 25.66 ng/ml



#26 AR-1254-1

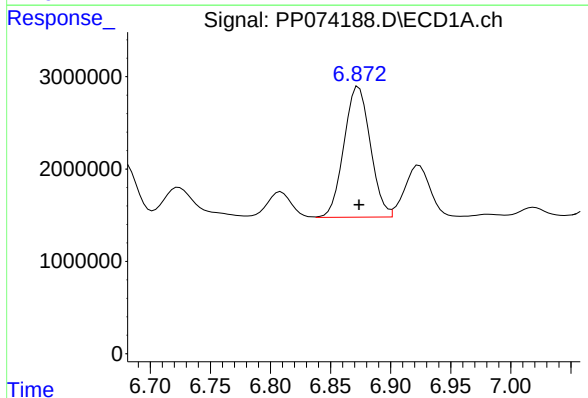
R.T.: 6.657 min
Delta R.T.: 0.000 min
Response: 21966850
Conc: 405.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



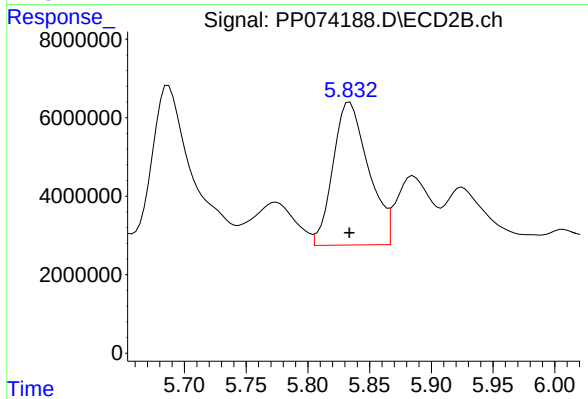
#26 AR-1254-1

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 94373679
Conc: 245.07 ng/ml



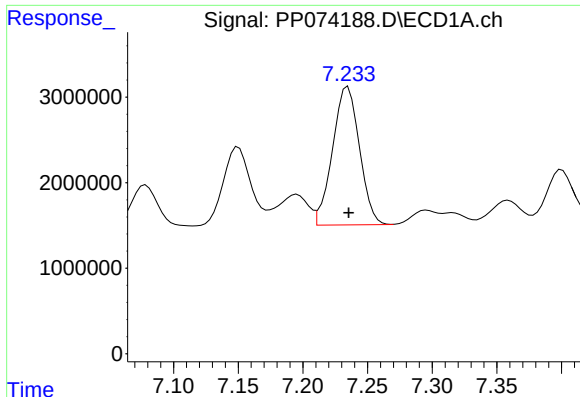
#27 AR-1254-2

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 21644264
Conc: 276.90 ng/ml



#27 AR-1254-2

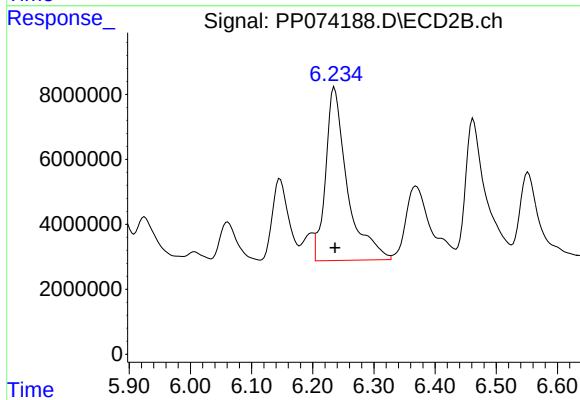
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 72682229
Conc: 255.80 ng/ml



#28 AR-1254-3

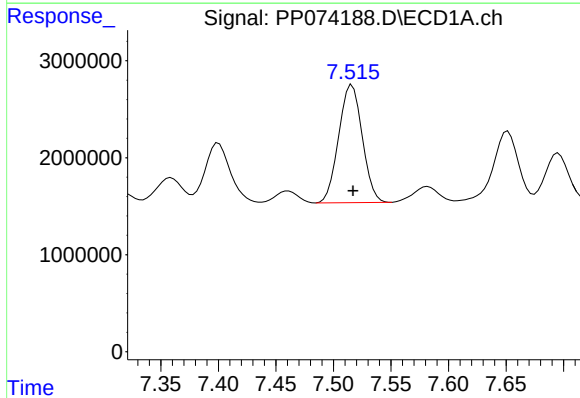
R.T.: 7.235 min
Delta R.T.: 0.000 min
Response: 23355124
Conc: 276.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



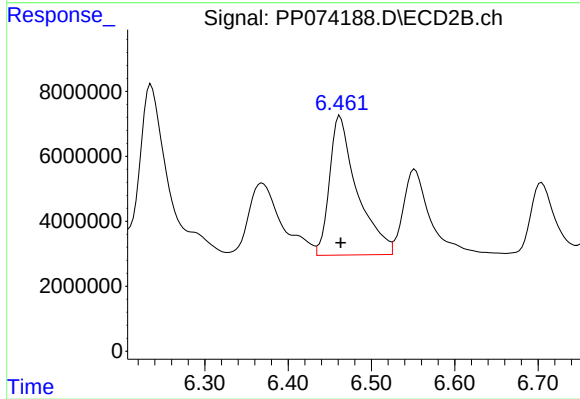
#28 AR-1254-3

R.T.: 6.236 min
Delta R.T.: -0.001 min
Response: 131665567
Conc: 258.77 ng/ml



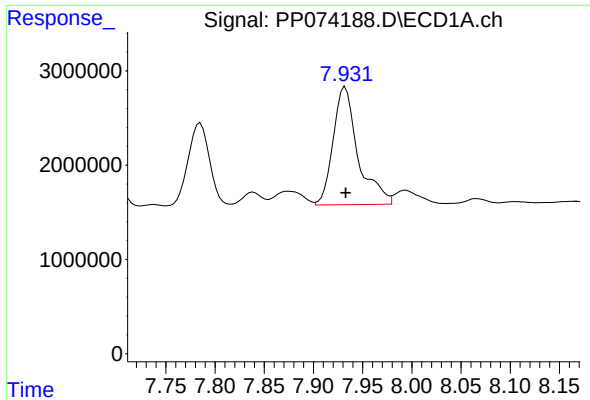
#29 AR-1254-4

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 17399794
Conc: 274.32 ng/ml



#29 AR-1254-4

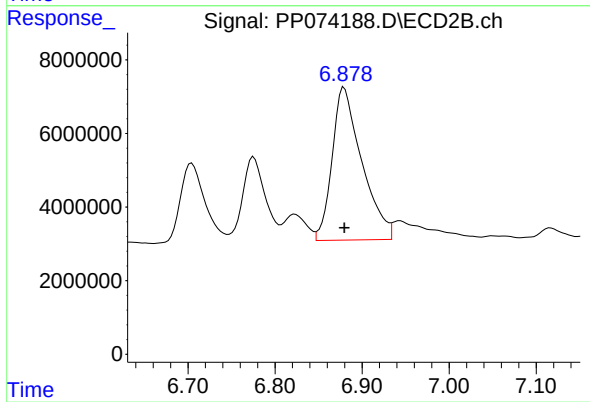
R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 98587777
Conc: 261.44 ng/ml



#30 AR-1254-5

R.T.: 7.932 min
Delta R.T.: 0.000 min
Response: 22010158
Conc: 272.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC250



#30 AR-1254-5

R.T.: 6.879 min
Delta R.T.: 0.000 min
Response: 98393861
Conc: 247.08 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

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

System Monitoring Compounds						
1) SA Tetrachlo...	4.657	3.804	5935360	12647504	5.284	3.358 #
2) SA Decachlor...	10.430	8.823	5026515	24210870	5.158	4.086
Target Compounds						
26) L6 AR-1254-1	6.656	5.689	4505164	16116298	83.459	44.012 #
27) L6 AR-1254-2	6.872	5.836	4500635	12761430	56.609	45.869
28) L6 AR-1254-3	7.234	6.237	5142235	18482386	58.892	37.780 #
29) L6 AR-1254-4	7.515	6.464	3412924	14935198	53.486	40.633
30) L6 AR-1254-5	7.931	6.881	4380720	14900727	53.986	37.906 #

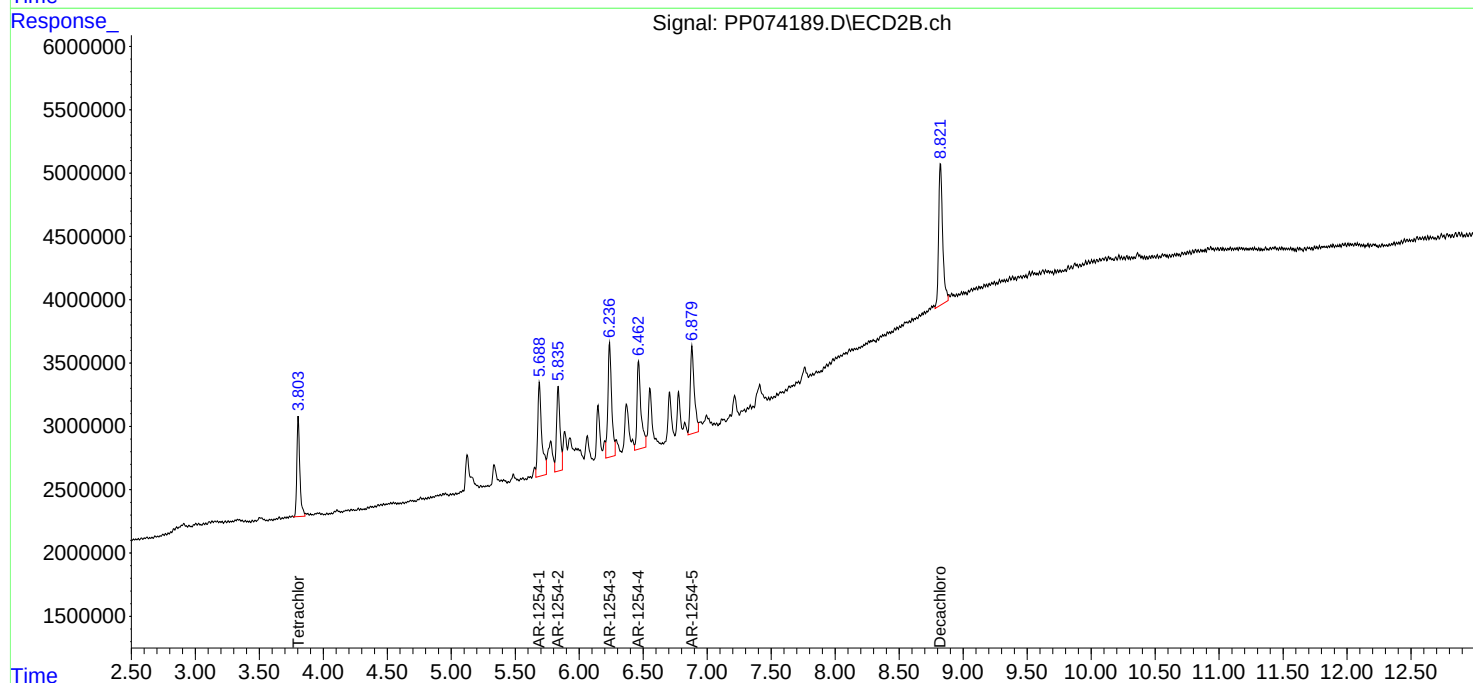
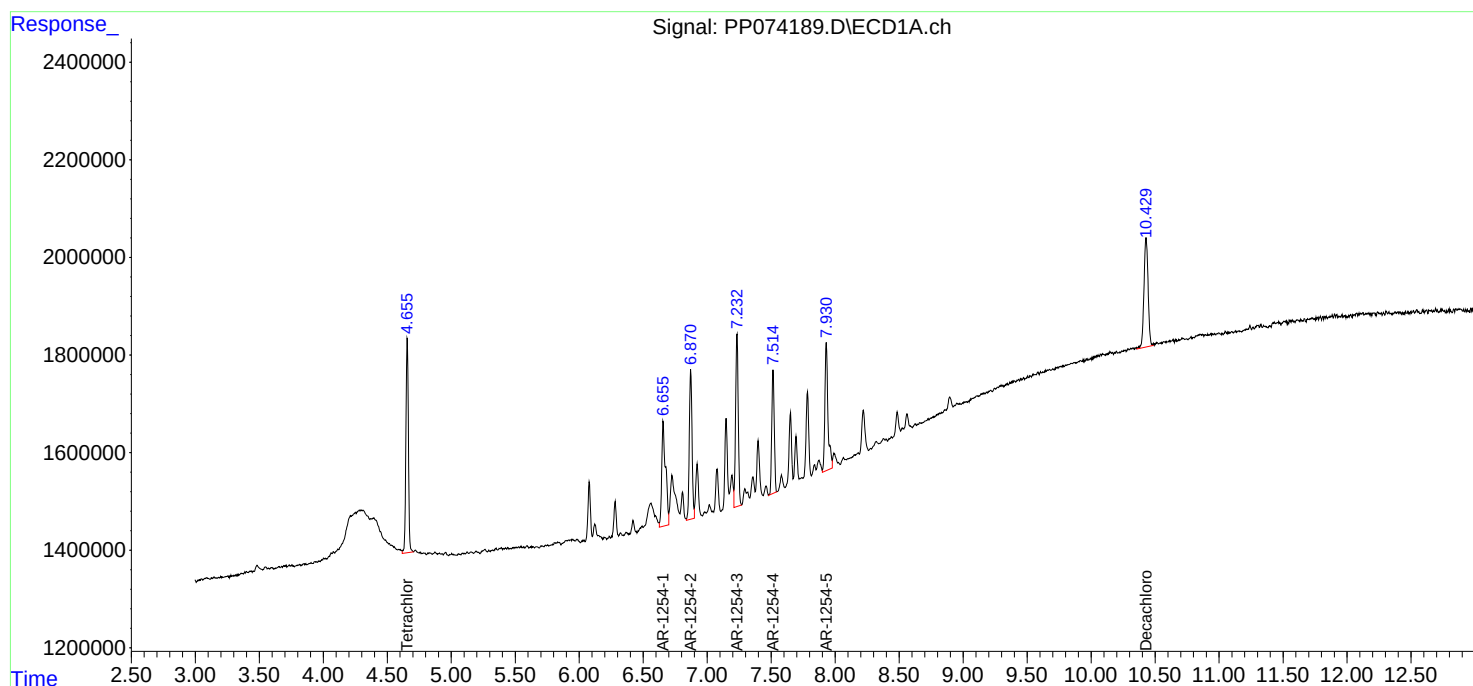
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

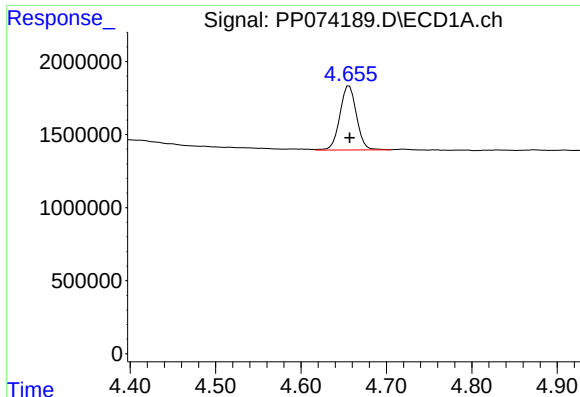
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074189.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 19:23
Operator : YP\AJ
Sample : AR1254ICC050
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:03:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:03:01 2025
Response via : Initial Calibration
Integrator: ChemStation

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

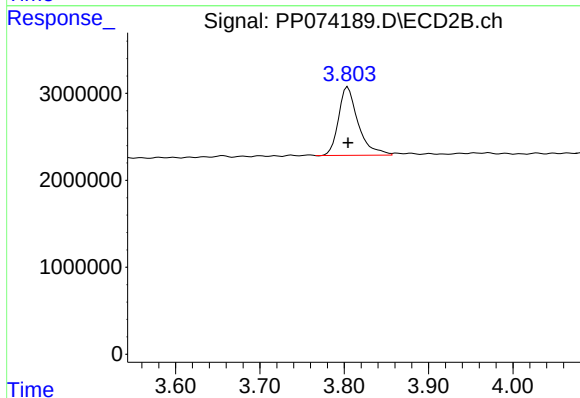




#1 Tetrachloro-m-xylene

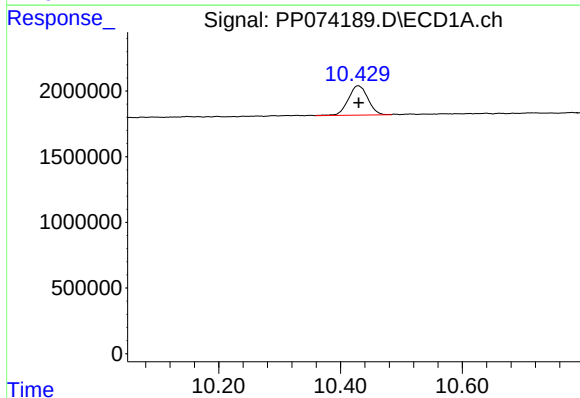
R.T.: 4.657 min
Delta R.T.: 0.000 min
Response: 5935360
Conc: 5.28 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



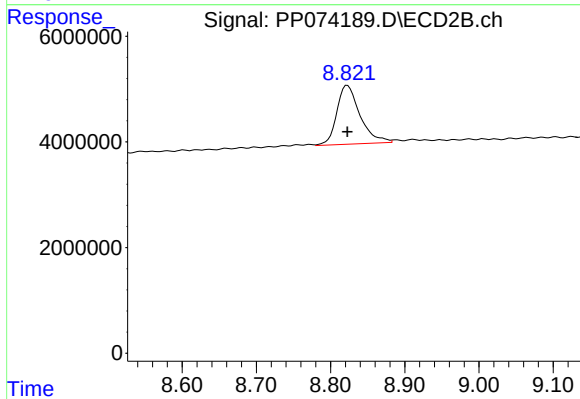
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 12647504
Conc: 3.36 ng/ml



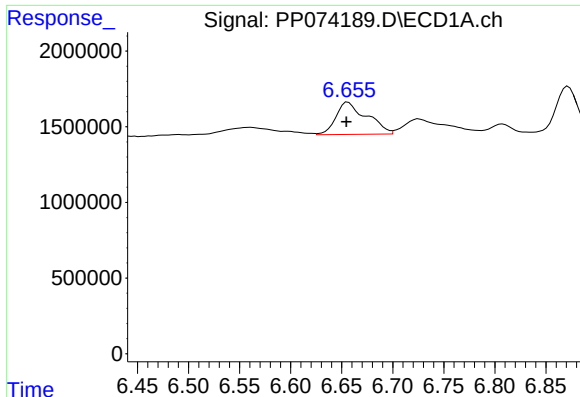
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: 0.000 min
Response: 5026515
Conc: 5.16 ng/ml



#2 Decachlorobiphenyl

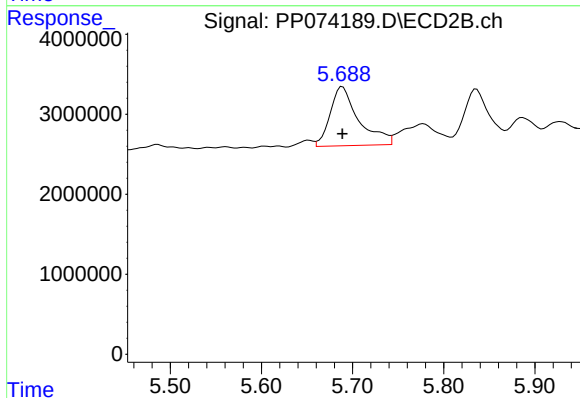
R.T.: 8.823 min
Delta R.T.: 0.000 min
Response: 24210870
Conc: 4.09 ng/ml



#26 AR-1254-1

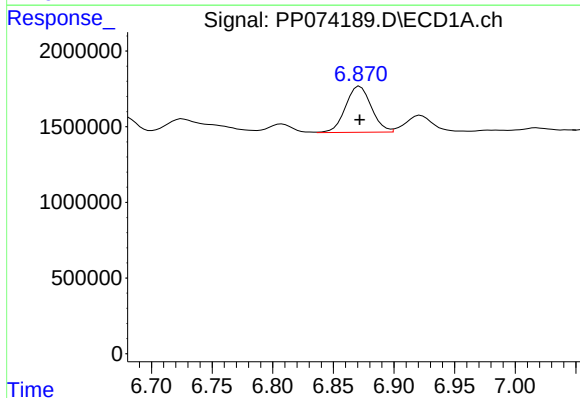
R.T.: 6.656 min
Delta R.T.: 0.001 min
Response: 4505164
Conc: 83.46 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



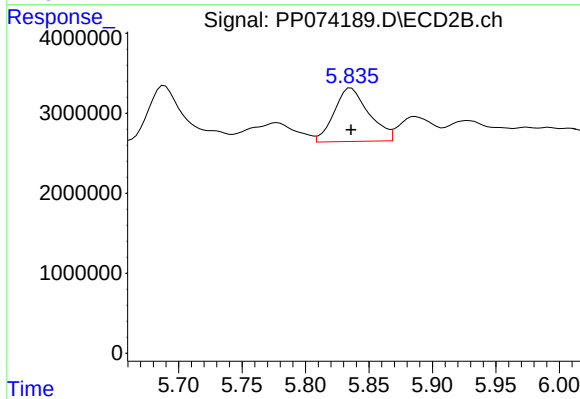
#26 AR-1254-1

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 16116298
Conc: 44.01 ng/ml



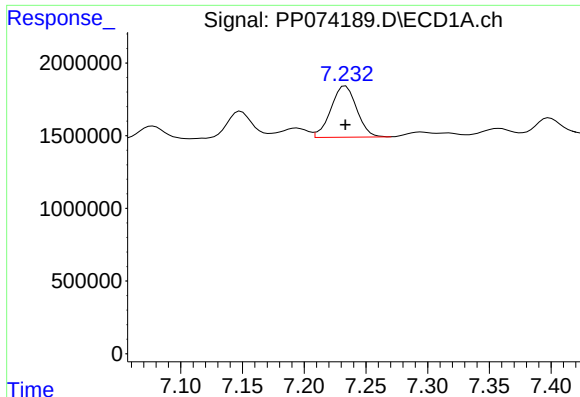
#27 AR-1254-2

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 4500635
Conc: 56.61 ng/ml



#27 AR-1254-2

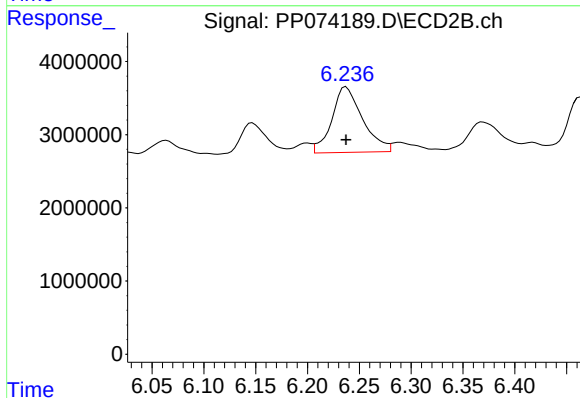
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 12761430
Conc: 45.87 ng/ml



#28 AR-1254-3

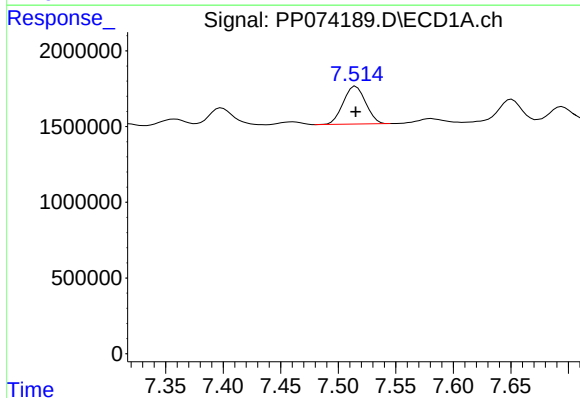
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 5142235
Conc: 58.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



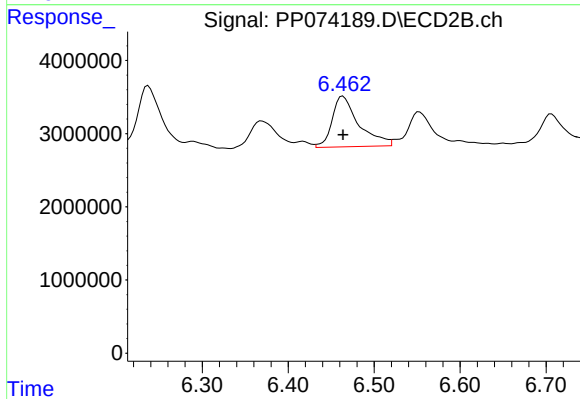
#28 AR-1254-3

R.T.: 6.237 min
Delta R.T.: 0.000 min
Response: 18482386
Conc: 37.78 ng/ml



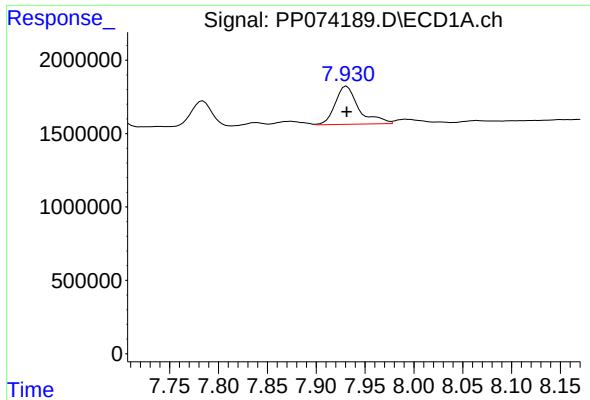
#29 AR-1254-4

R.T.: 7.515 min
Delta R.T.: 0.000 min
Response: 3412924
Conc: 53.49 ng/ml



#29 AR-1254-4

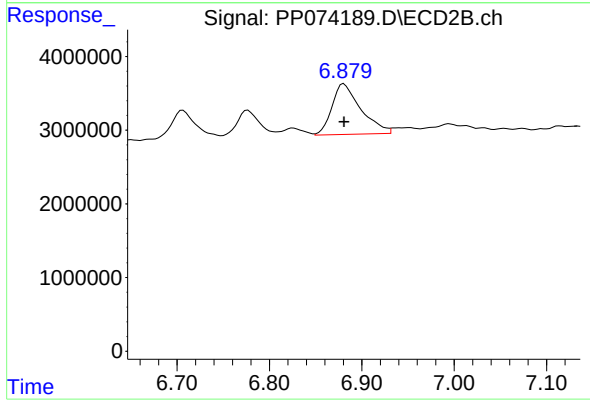
R.T.: 6.464 min
Delta R.T.: 0.000 min
Response: 14935198
Conc: 40.63 ng/ml



#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: 0.000 min
Response: 4380720
Conc: 53.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1254ICC050



#30 AR-1254-5

R.T.: 6.881 min
Delta R.T.: 0.000 min
Response: 14900727
Conc: 37.91 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074197.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 22:05
 Operator : YP\AJ
 Sample : AR1242ICV500
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP080125AR1242

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:36:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 01:33:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	4.655	3.804	55143327	198.9E6	49.310	51.866
2)	SA Decachlor...	10.427	8.822	47800939	295.6E6	49.220	49.156
Target Compounds							
3)	L1 AR-1016-1	5.806	4.904	17499270	167.4E6	424.155	419.611
4)	L1 AR-1016-2	5.827	4.962	25894594	77861664	426.307	414.579
5)	L1 AR-1016-3	5.890	5.082	17050061	43676713	429.900	411.774
6)	L1 AR-1016-4	5.987	5.123	14124012	42005219	433.991	384.593
7)	L1 AR-1016-5	6.280	5.337	14033364	49362976	432.221	422.038
8)	L2 AR-1221-1	4.850	4.014	2188169	5427967	130.531	110.583
9)	L2 AR-1221-2	4.940	4.101	3152368	7977800	250.167	222.289
10)	L2 AR-1221-3	5.015	4.177	10712240	35262086	292.403	260.767
11)	L3 AR-1232-1	5.015	4.177	10712240	35262086	368.913	347.881
12)	L3 AR-1232-2	5.541	4.904	13527303	167.4E6	899.259	960.470
13)	L3 AR-1232-3	5.827	5.082	25894594	43676713	892.864	953.294
14)	L3 AR-1232-4	5.987	5.165	14124012	78538633	913.063	1353.864 #
15)	L3 AR-1232-5	6.076	5.337	11989403	49362976	1023.335	1050.735
16)	L4 AR-1242-1	5.806	4.904	17499270	167.4E6	469.580	484.954
17)	L4 AR-1242-2	5.827	4.962	25894594	77861664	475.925	476.575
18)	L4 AR-1242-3	5.890	5.082	17050061	43676713	477.113	473.468
19)	L4 AR-1242-4	5.987	5.165	14124012	78538633	483.390	657.658 #
20)	L4 AR-1242-5	6.716	5.686	16823190	70286035	473.119	469.952
21)	L5 AR-1248-1	5.806	4.904	17499270	167.4E6	624.650	782.387 #
22)	L5 AR-1248-2	6.076	5.123	11989403	42005219	297.791	287.092
23)	L5 AR-1248-3	6.280	5.165	14033364	78538633	314.836	458.058 #
24)	L5 AR-1248-4	6.677	5.337	14725685	49362976	282.984	296.700
25)	L5 AR-1248-5	6.716	5.726	16823190	76598345	295.438	263.255
26)	L6 AR-1254-1	6.651	5.686	10912353	70286035	207.297	191.943
27)	L6 AR-1254-2	6.872	5.834	13215605	16964136	166.224	60.974 #
28)	L6 AR-1254-3	7.231	6.236	5959793	21465299	68.255	43.877 #
29)	L6 AR-1254-4	7.512	6.461	4317662	17873856	67.665	48.628 #
30)	L6 AR-1254-5	7.928	6.879	1449445	4651318	17.862	11.833 #
31)	L7 AR-1260-1	7.400	6.552	593868	2870221	10.538	7.105 #
32)	L7 AR-1260-2	7.647	6.705	839562	1902548	12.319	6.084 #
33)	L7 AR-1260-3	8.025	6.943	47683	370567	0.895	0.940
34)	L7 AR-1260-4	8.217	7.184	560766	72352	8.956	0.249 #
35)	L7 AR-1260-5	8.559	7.415	212917	384725	1.879	0.508 #
36)	L8 AR-1262-1	8.217	6.943	560766	370567	7.399	0.658 #
37)	L8 AR-1262-2	8.559	7.170	212917	147921	1.632	0.369 #
38)	L8 AR-1262-3	8.894	7.699	131960	339738	1.403	0.945 #
39)	L8 AR-1262-4	8.981	7.758	35860	593683	0.492	0.890 #
40)	L8 AR-1262-5	9.662	8.258	83218	116580	1.634	0.412 #
41)	L9 AR-1268-1	8.894	7.699	131960	339738	0.848	0.312 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074197.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 22:05
Operator : YP\AJ
Sample : AR1242ICV500
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:36:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

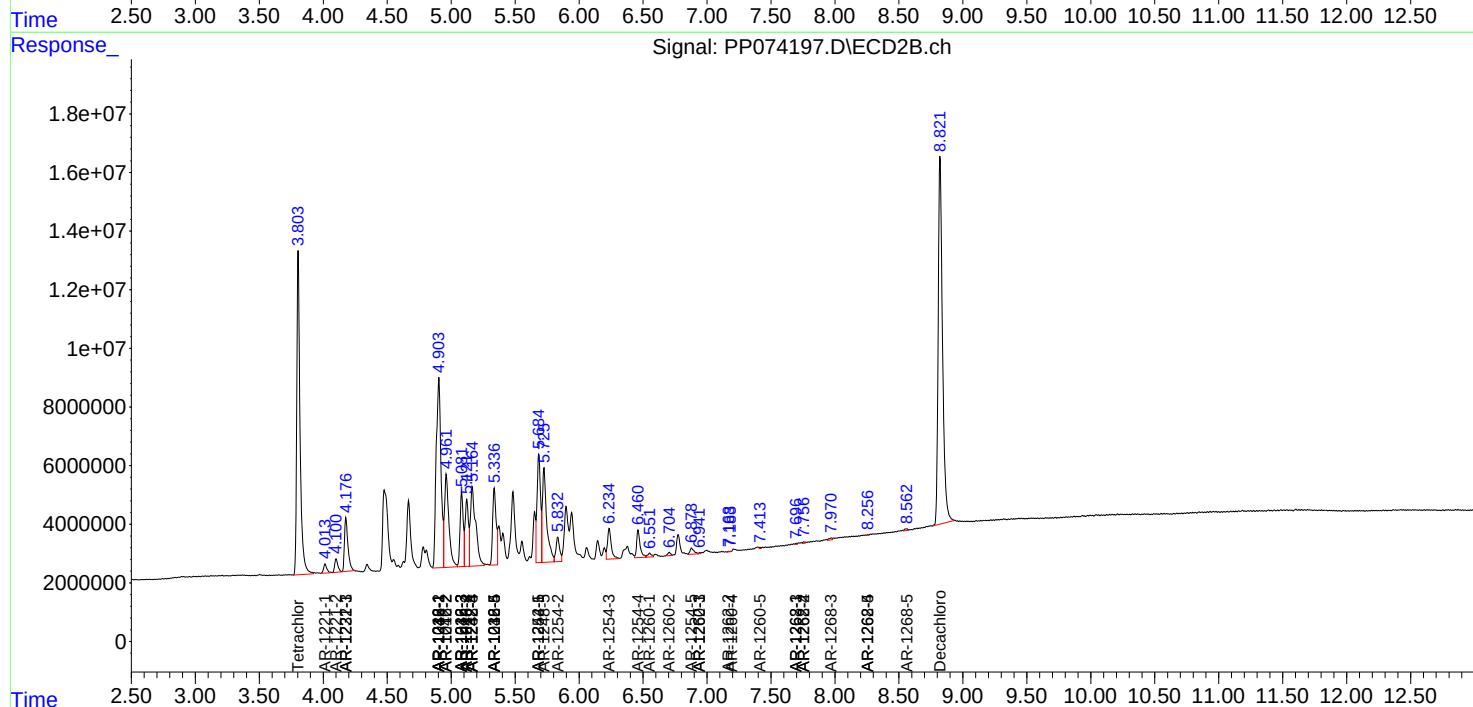
Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

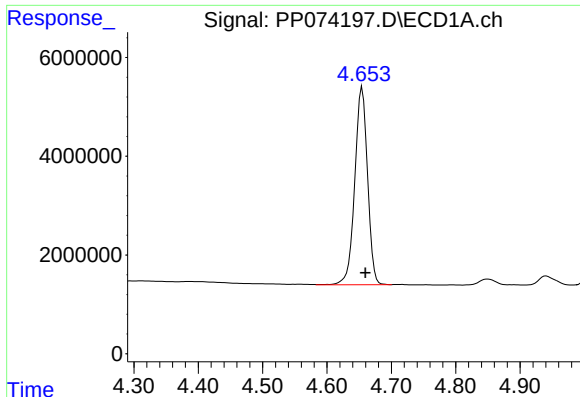
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.981	7.758	35860	593683	0.250	0.559 #
43) L9	AR-1268-3	9.214	7.972	255483	1184209	2.138	1.423 #
44) L9	AR-1268-4	9.662	8.258	83218	116580	1.415	0.378 #
45) L9	AR-1268-5	10.072	8.563	363528	1086905	1.034	0.426 #

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

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242

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

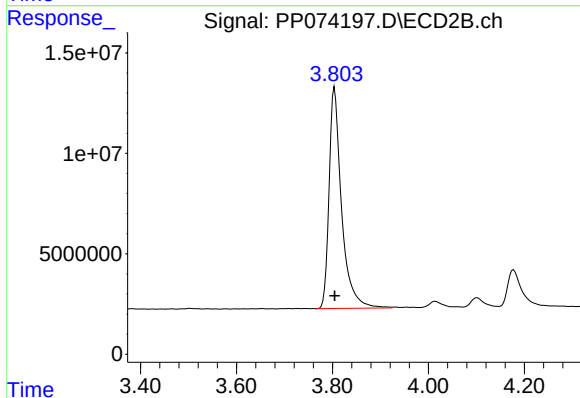




#1 Tetrachloro-m-xylene

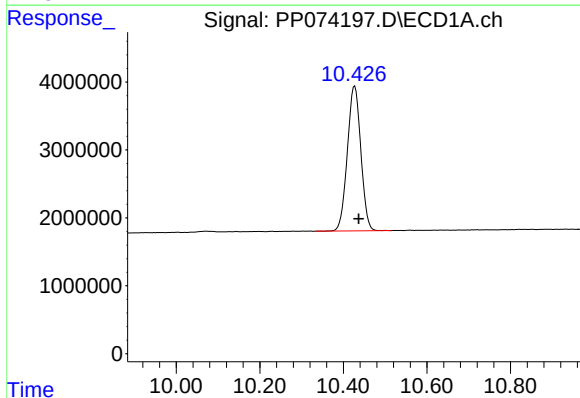
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 55143327
Conc: 49.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



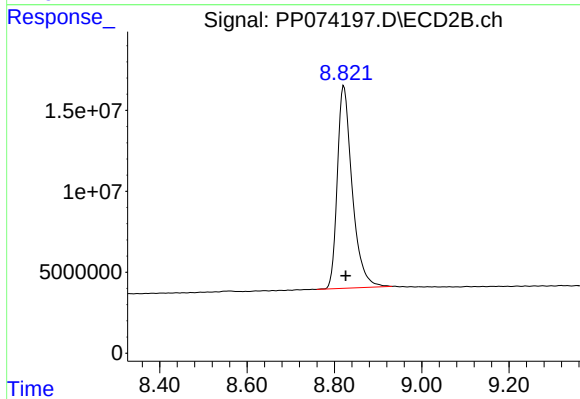
#1 Tetrachloro-m-xylene

R.T.: 3.804 min
Delta R.T.: 0.000 min
Response: 198876613
Conc: 51.87 ng/ml



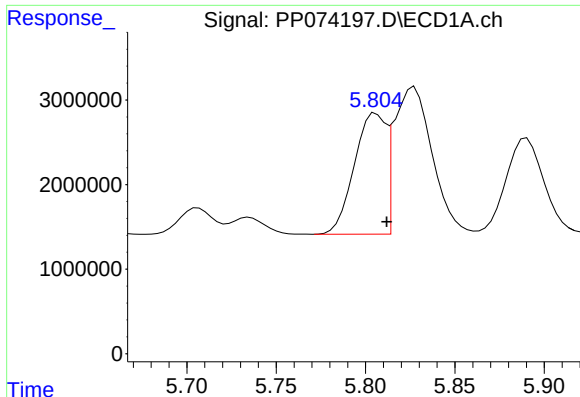
#2 Decachlorobiphenyl

R.T.: 10.427 min
Delta R.T.: -0.010 min
Response: 47800939
Conc: 49.22 ng/ml



#2 Decachlorobiphenyl

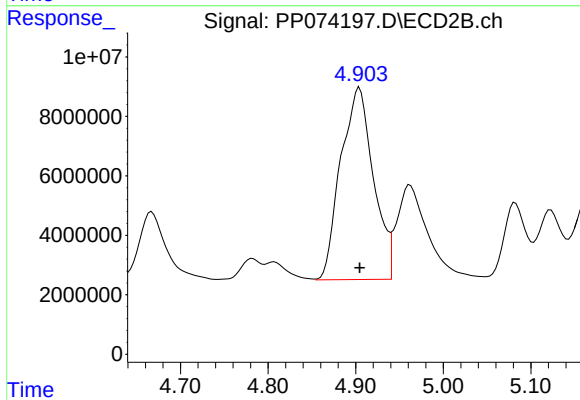
R.T.: 8.822 min
Delta R.T.: -0.004 min
Response: 295607088
Conc: 49.16 ng/ml



#3 AR-1016-1

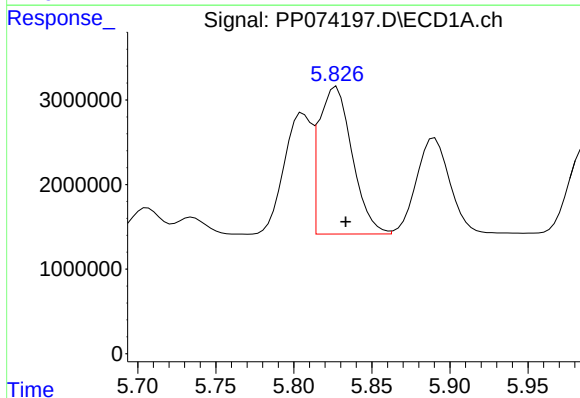
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 17499270
Conc: 424.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



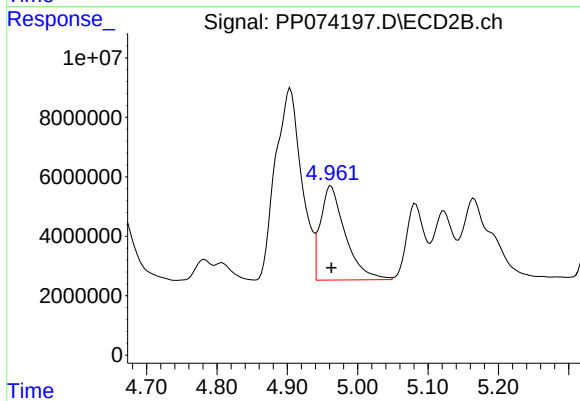
#3 AR-1016-1

R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 419.61 ng/ml



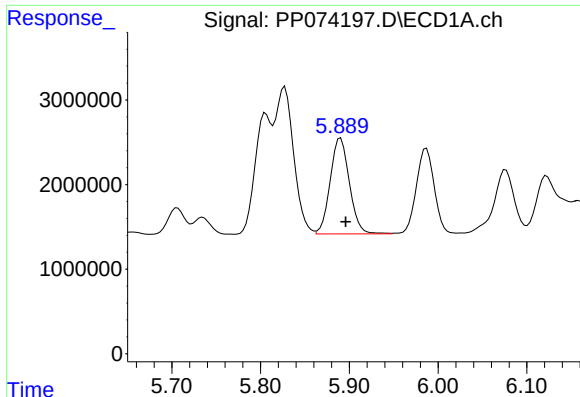
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 25894594
Conc: 426.31 ng/ml



#4 AR-1016-2

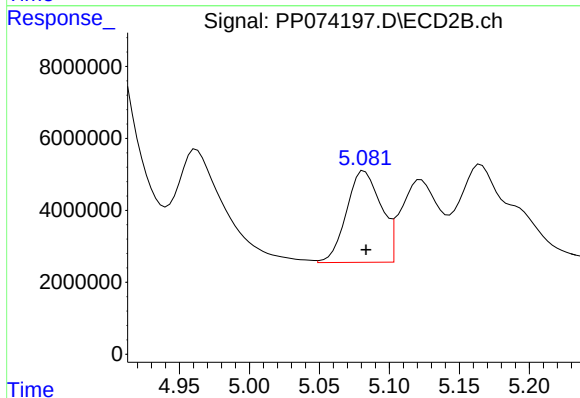
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 414.58 ng/ml



#5 AR-1016-3

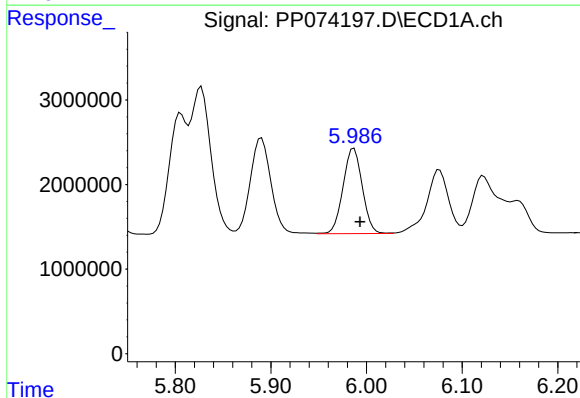
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 17050061
Conc: 429.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



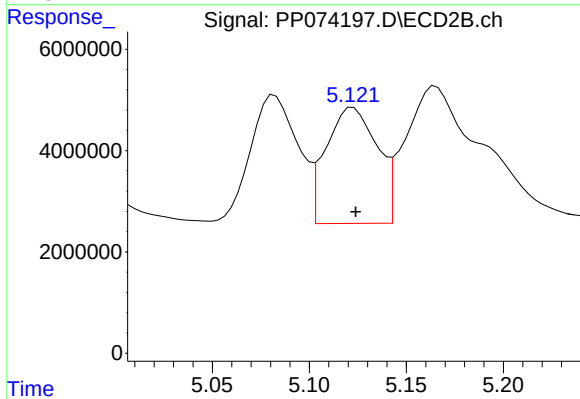
#5 AR-1016-3

R.T.: 5.082 min
Delta R.T.: -0.001 min
Response: 43676713
Conc: 411.77 ng/ml



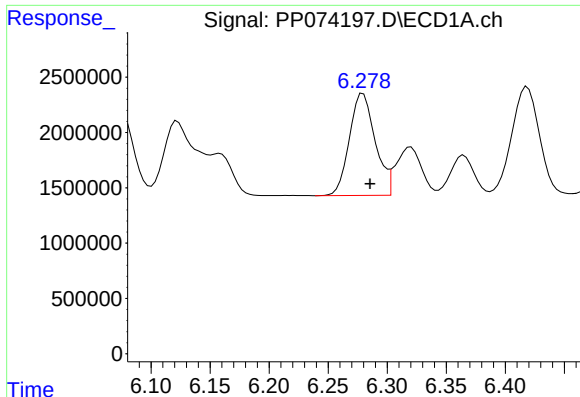
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 433.99 ng/ml



#6 AR-1016-4

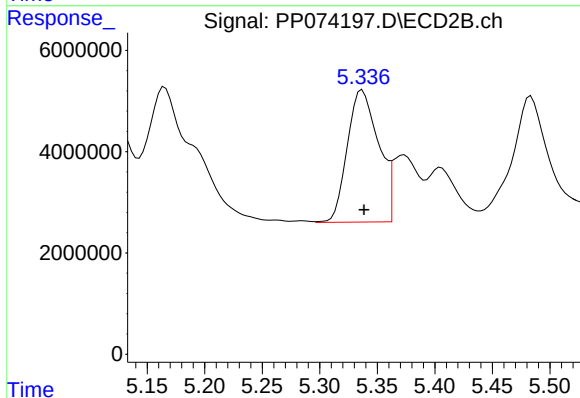
R.T.: 5.123 min
Delta R.T.: -0.001 min
Response: 42005219
Conc: 384.59 ng/ml



#7 AR-1016-5

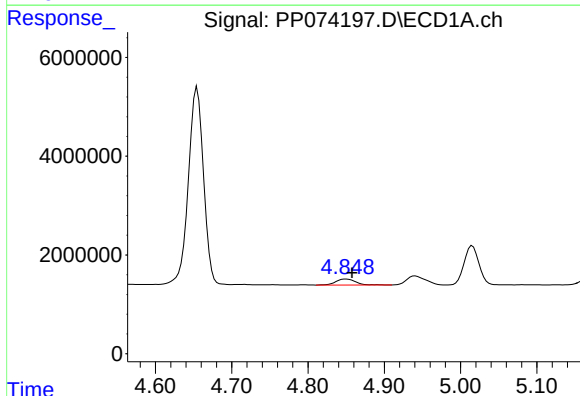
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 432.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



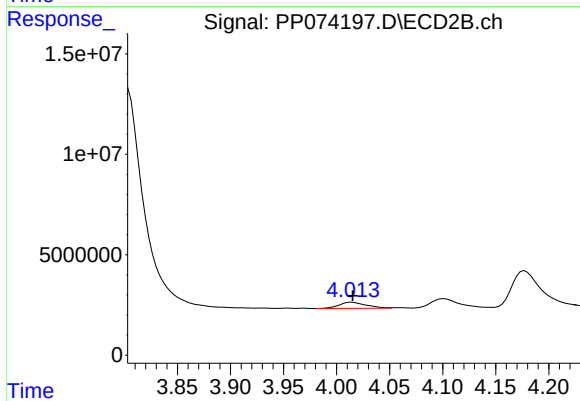
#7 AR-1016-5

R.T.: 5.337 min
Delta R.T.: -0.001 min
Response: 49362976
Conc: 422.04 ng/ml



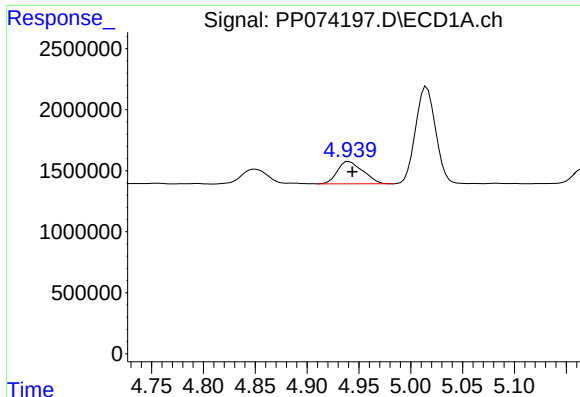
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.008 min
Response: 2188169
Conc: 130.53 ng/ml



#8 AR-1221-1

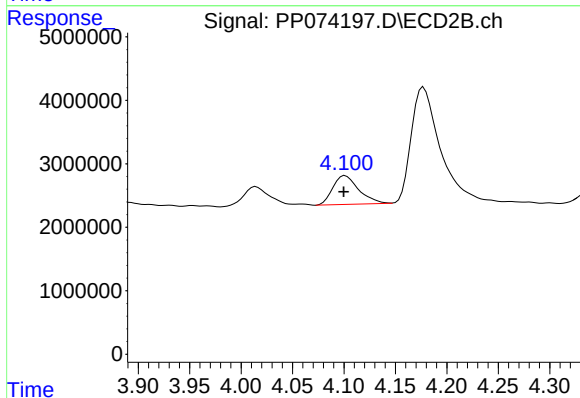
R.T.: 4.014 min
Delta R.T.: 0.000 min
Response: 5427967
Conc: 110.58 ng/ml



#9 AR-1221-2

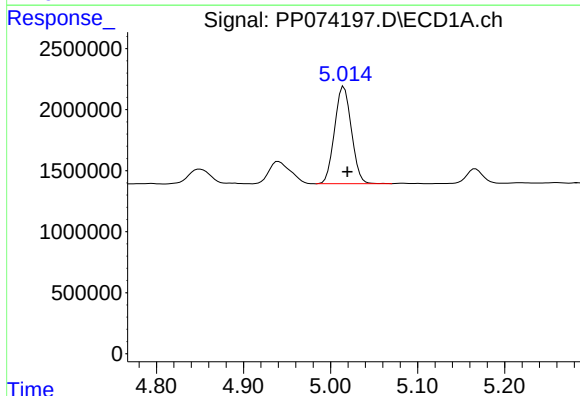
R.T.: 4.940 min
Delta R.T.: -0.003 min
Response: 3152368
Conc: 250.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



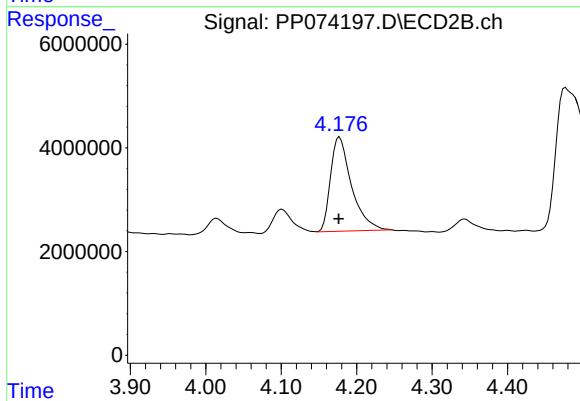
#9 AR-1221-2

R.T.: 4.101 min
Delta R.T.: 0.001 min
Response: 7977800
Conc: 222.29 ng/ml



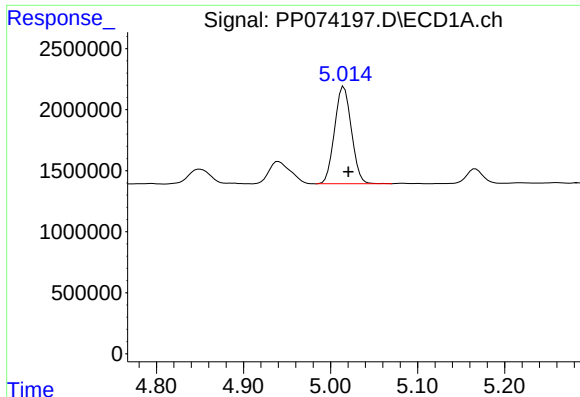
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 10712240
Conc: 292.40 ng/ml



#10 AR-1221-3

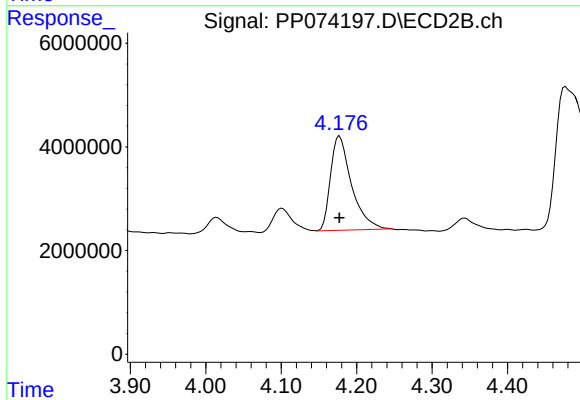
R.T.: 4.177 min
Delta R.T.: 0.001 min
Response: 35262086
Conc: 260.77 ng/ml



#11 AR-1232-1

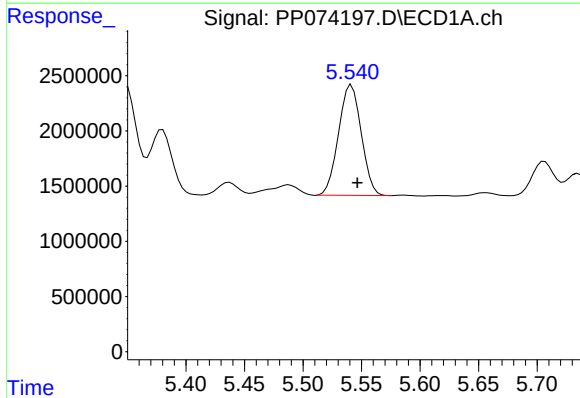
R.T.: 5.015 min
Delta R.T.: -0.005 min
Response: 10712240
Conc: 368.91 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



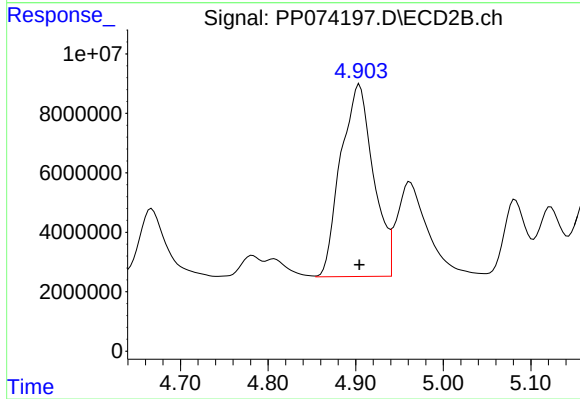
#11 AR-1232-1

R.T.: 4.177 min
Delta R.T.: 0.000 min
Response: 35262086
Conc: 347.88 ng/ml



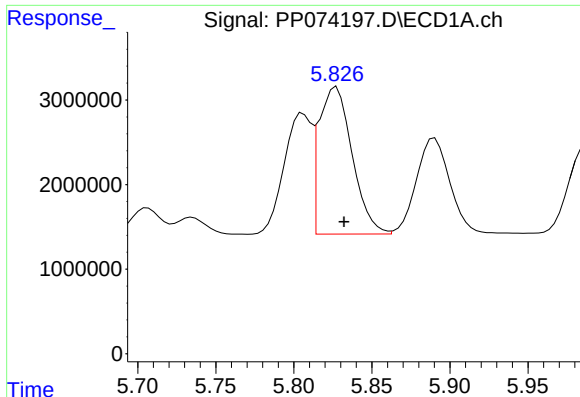
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 13527303
Conc: 899.26 ng/ml



#12 AR-1232-2

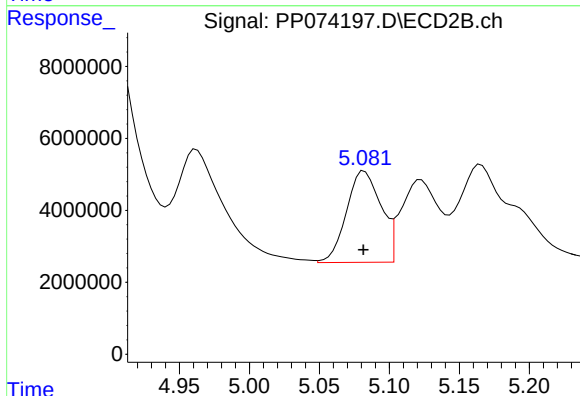
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 960.47 ng/ml



#13 AR-1232-3

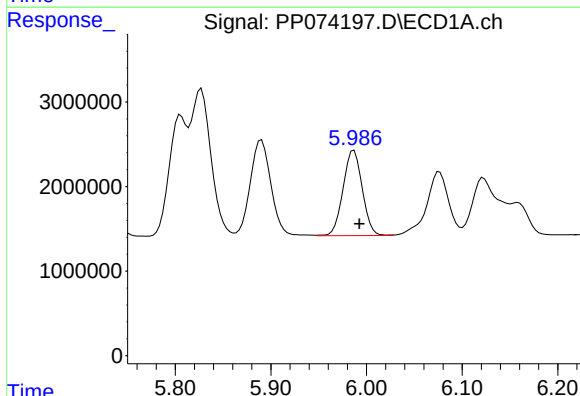
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 892.86 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



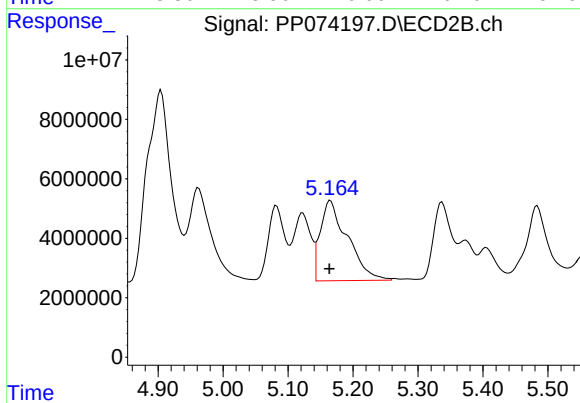
#13 AR-1232-3

R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 953.29 ng/ml



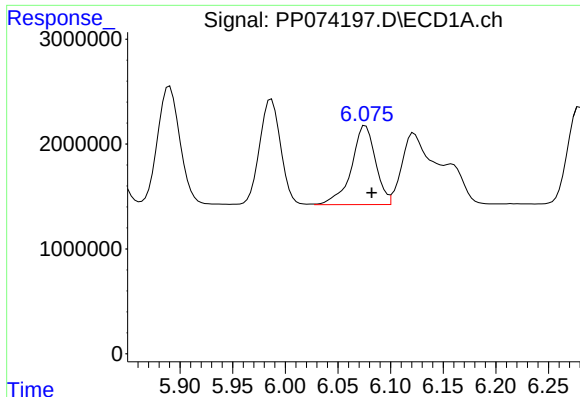
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 913.06 ng/ml



#14 AR-1232-4

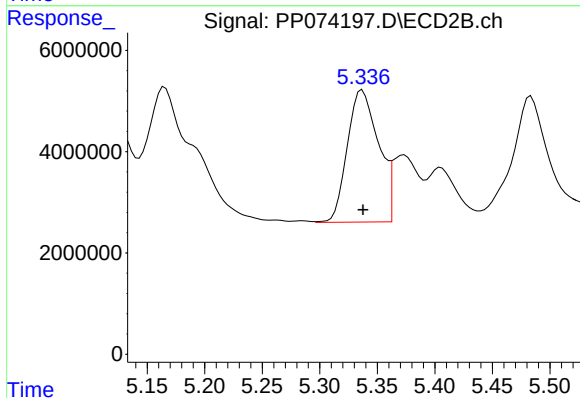
R.T.: 5.165 min
Delta R.T.: 0.002 min
Response: 78538633
Conc: 1353.86 ng/ml



#15 AR-1232-5

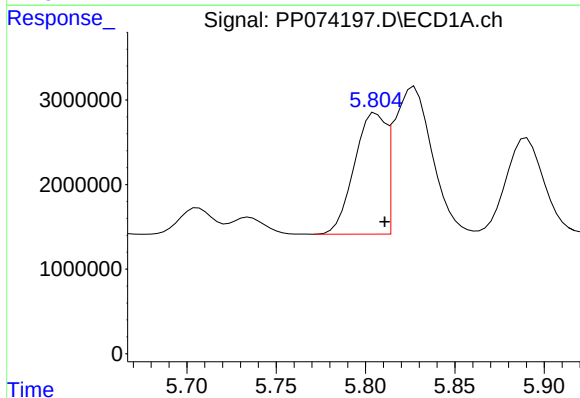
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 1023.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



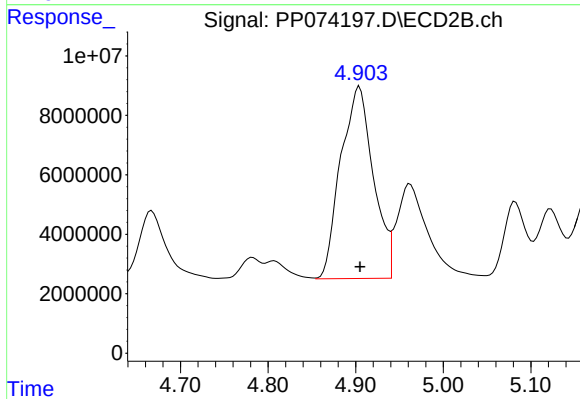
#15 AR-1232-5

R.T.: 5.337 min
Delta R.T.: 0.000 min
Response: 49362976
Conc: 1050.74 ng/ml



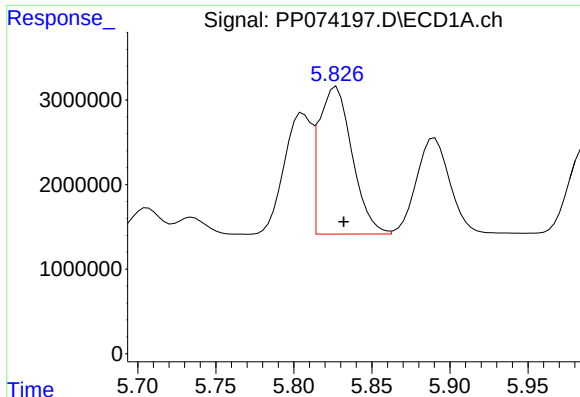
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 469.58 ng/ml



#16 AR-1242-1

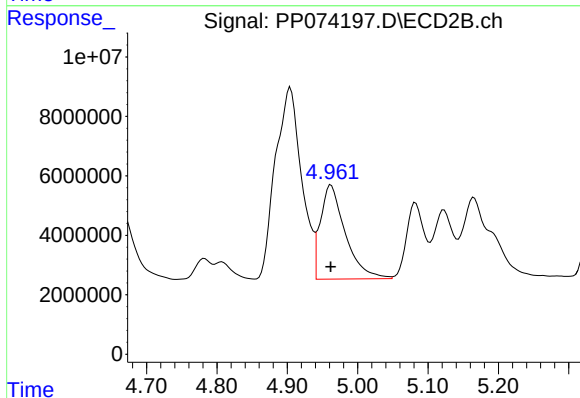
R.T.: 4.904 min
Delta R.T.: 0.000 min
Response: 167377399
Conc: 484.95 ng/ml



#17 AR-1242-2

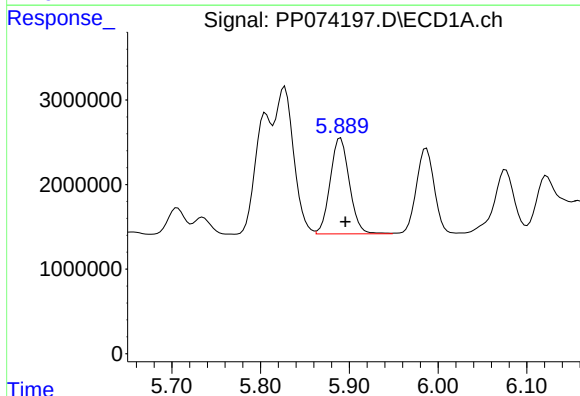
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 25894594
Conc: 475.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



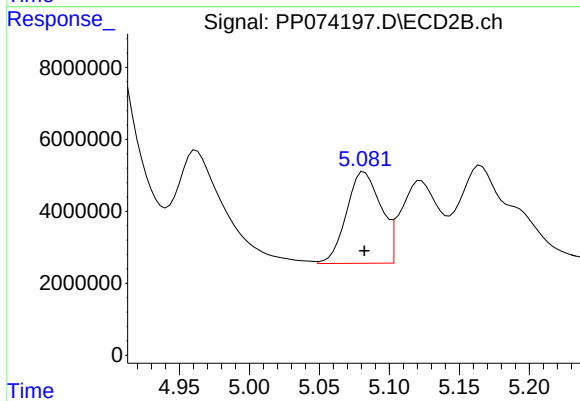
#17 AR-1242-2

R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 77861664
Conc: 476.57 ng/ml



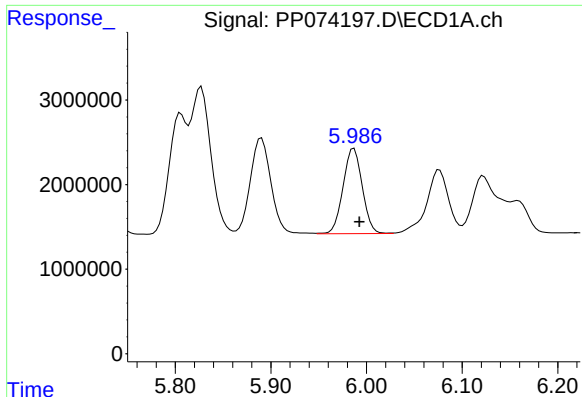
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.005 min
Response: 17050061
Conc: 477.11 ng/ml



#18 AR-1242-3

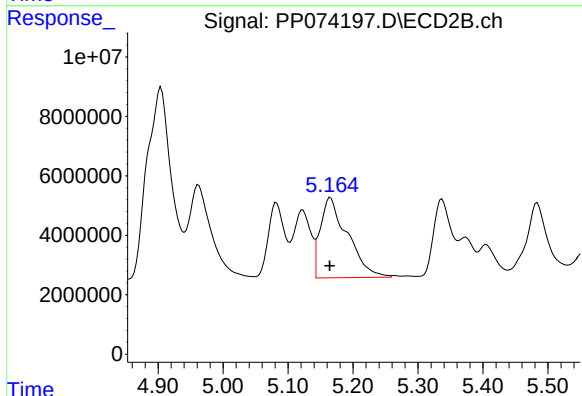
R.T.: 5.082 min
Delta R.T.: 0.000 min
Response: 43676713
Conc: 473.47 ng/ml



#19 AR-1242-4

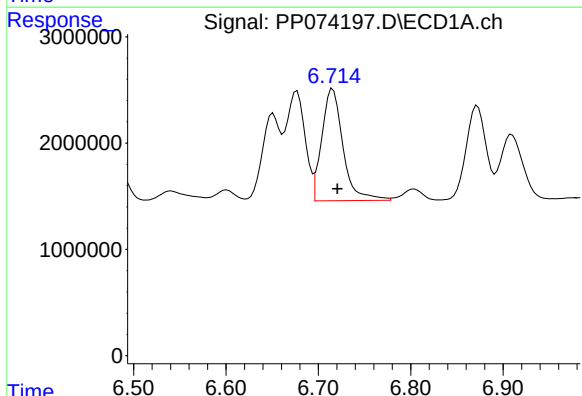
R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 14124012
Conc: 483.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



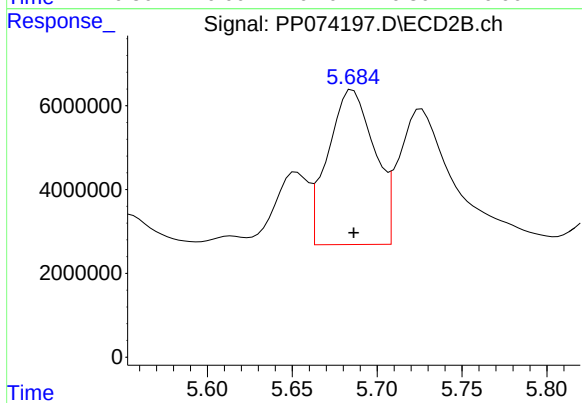
#19 AR-1242-4

R.T.: 5.165 min
Delta R.T.: 0.001 min
Response: 78538633
Conc: 657.66 ng/ml



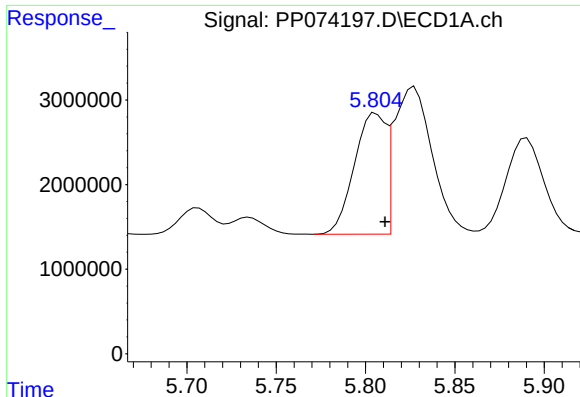
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 16823190
Conc: 473.12 ng/ml



#20 AR-1242-5

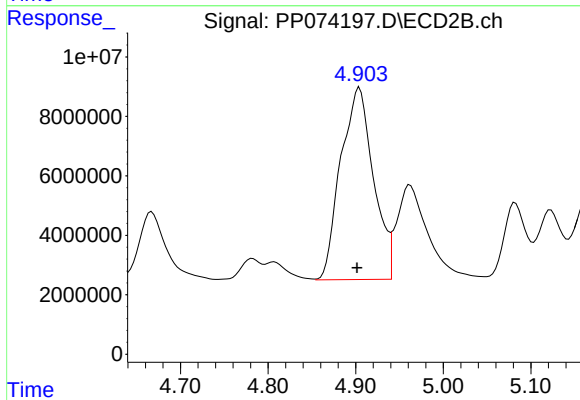
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 70286035
Conc: 469.95 ng/ml



#21 AR-1248-1

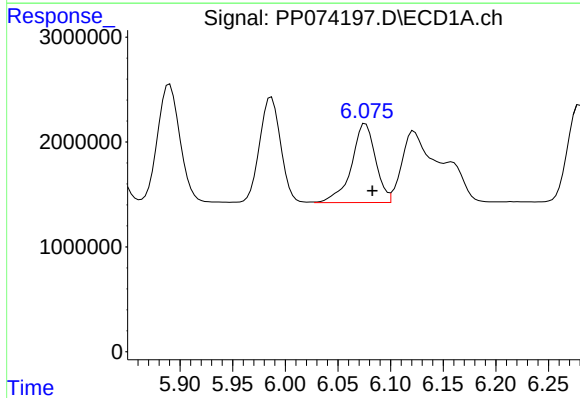
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 17499270
Conc: 624.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



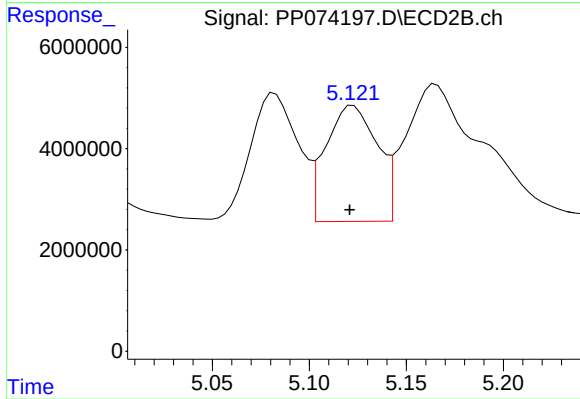
#21 AR-1248-1

R.T.: 4.904 min
Delta R.T.: 0.003 min
Response: 167377399
Conc: 782.39 ng/ml



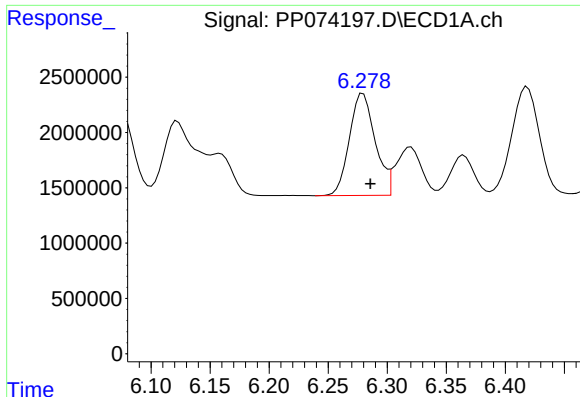
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 11989403
Conc: 297.79 ng/ml



#22 AR-1248-2

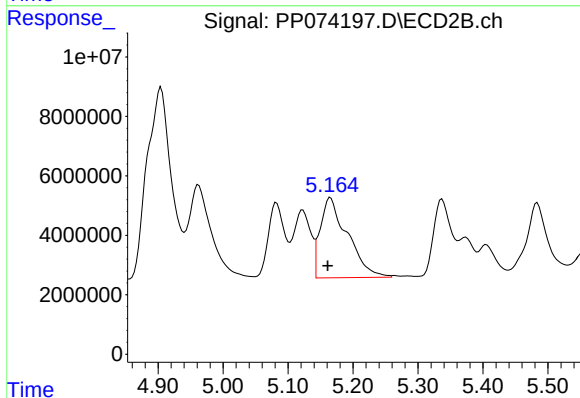
R.T.: 5.123 min
Delta R.T.: 0.002 min
Response: 42005219
Conc: 287.09 ng/ml



#23 AR-1248-3

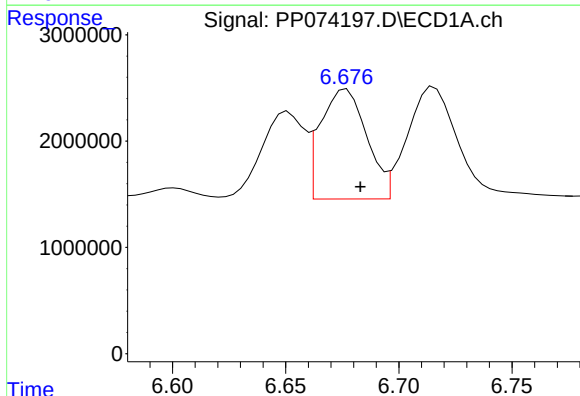
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 14033364
Conc: 314.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



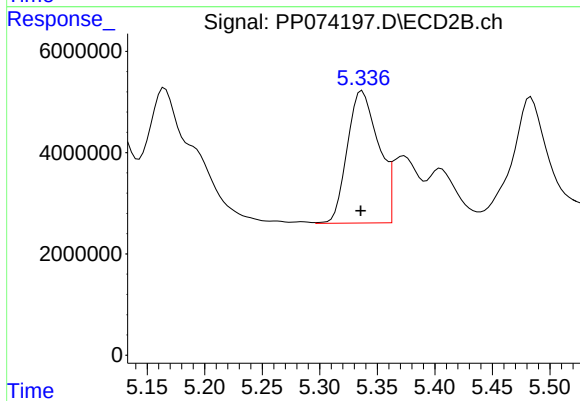
#23 AR-1248-3

R.T.: 5.165 min
Delta R.T.: 0.004 min
Response: 78538633
Conc: 458.06 ng/ml



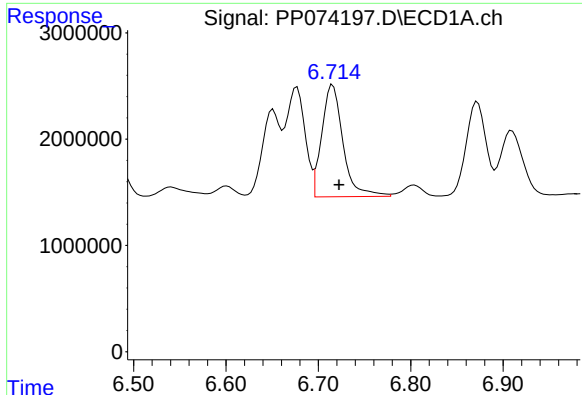
#24 AR-1248-4

R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 14725685
Conc: 282.98 ng/ml



#24 AR-1248-4

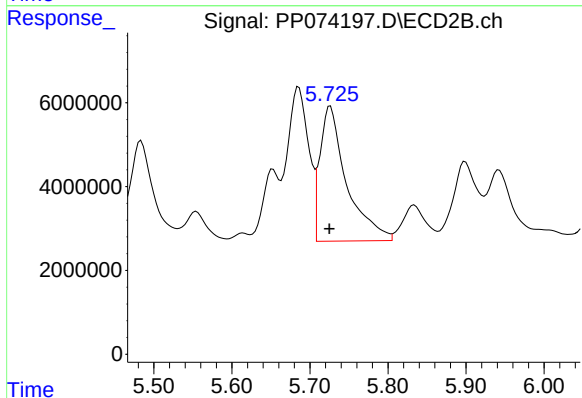
R.T.: 5.337 min
Delta R.T.: 0.002 min
Response: 49362976
Conc: 296.70 ng/ml



#25 AR-1248-5

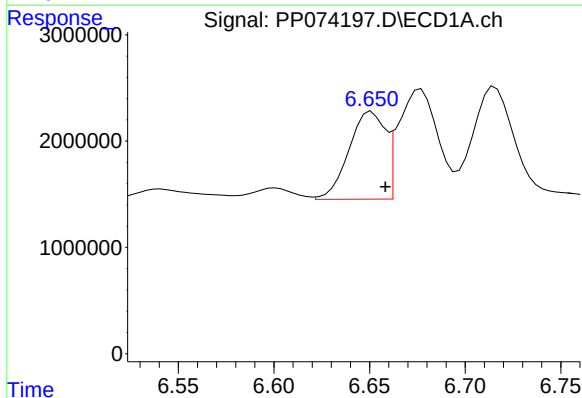
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 16823190
Conc: 295.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



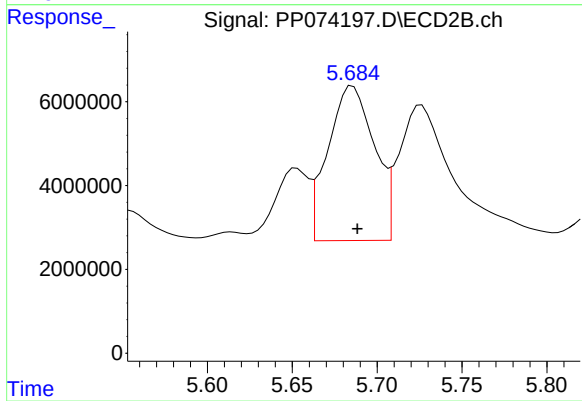
#25 AR-1248-5

R.T.: 5.726 min
Delta R.T.: 0.001 min
Response: 76598345
Conc: 263.26 ng/ml



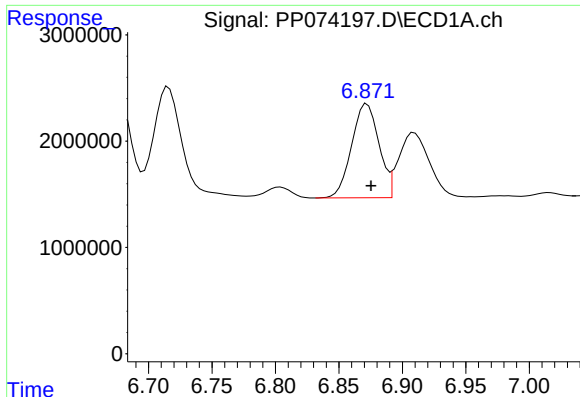
#26 AR-1254-1

R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 10912353
Conc: 207.30 ng/ml



#26 AR-1254-1

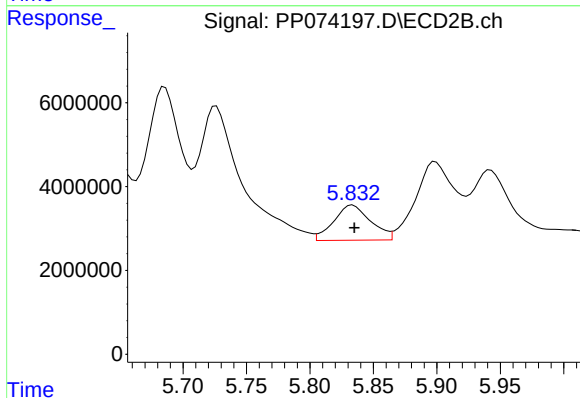
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 70286035
Conc: 191.94 ng/ml



#27 AR-1254-2

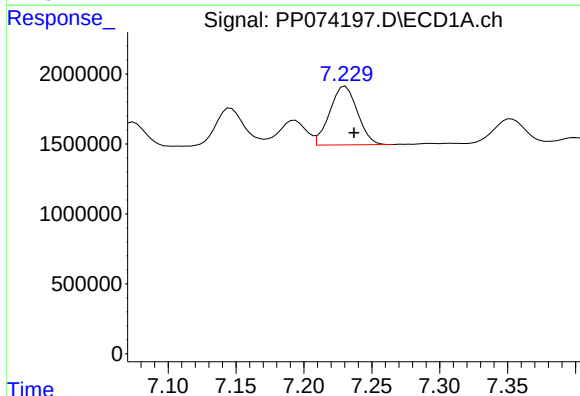
R.T.: 6.872 min
Delta R.T.: -0.003 min
Response: 13215605
Conc: 166.22 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



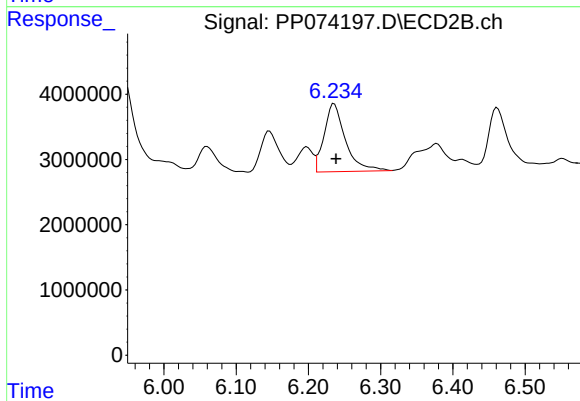
#27 AR-1254-2

R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 16964136
Conc: 60.97 ng/ml



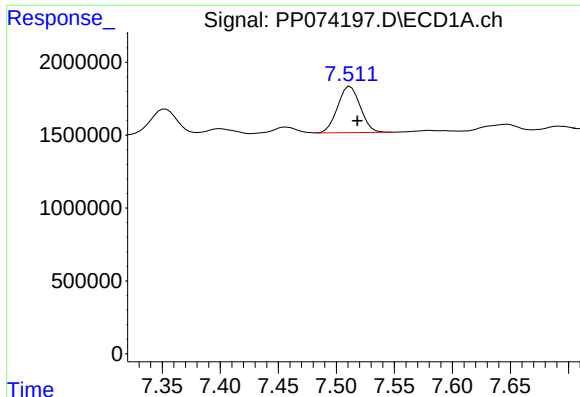
#28 AR-1254-3

R.T.: 7.231 min
Delta R.T.: -0.006 min
Response: 5959793
Conc: 68.26 ng/ml



#28 AR-1254-3

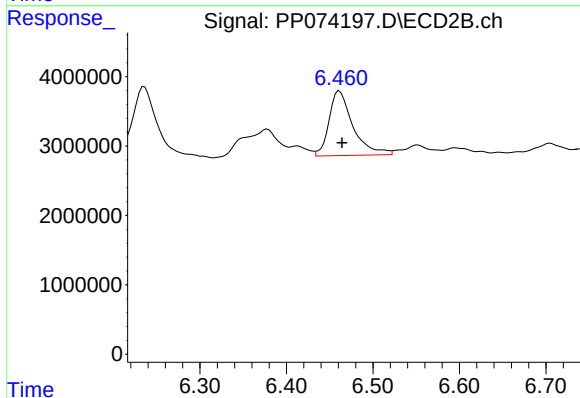
R.T.: 6.236 min
Delta R.T.: -0.002 min
Response: 21465299
Conc: 43.88 ng/ml



#29 AR-1254-4

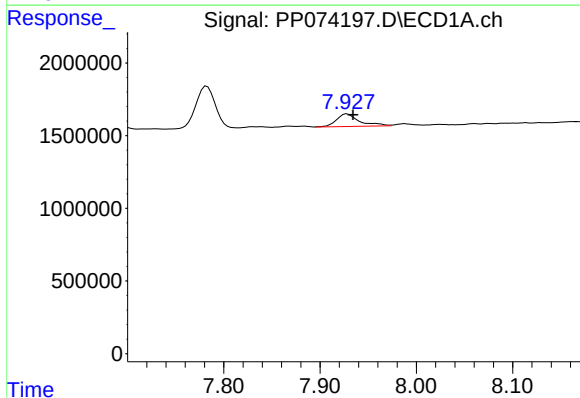
R.T.: 7.512 min
Delta R.T.: -0.006 min
Response: 4317662
Conc: 67.66 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



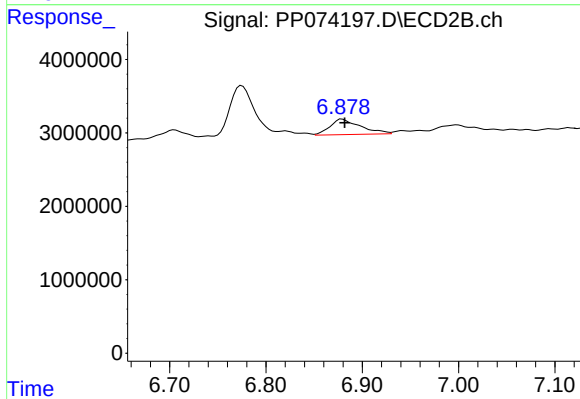
#29 AR-1254-4

R.T.: 6.461 min
Delta R.T.: -0.003 min
Response: 17873856
Conc: 48.63 ng/ml



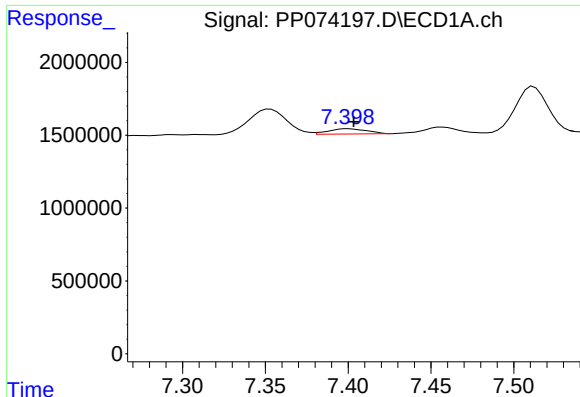
#30 AR-1254-5

R.T.: 7.928 min
Delta R.T.: -0.006 min
Response: 1449445
Conc: 17.86 ng/ml



#30 AR-1254-5

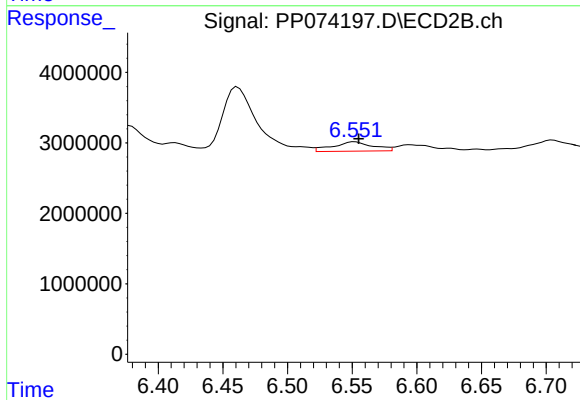
R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 4651318
Conc: 11.83 ng/ml



#31 AR-1260-1

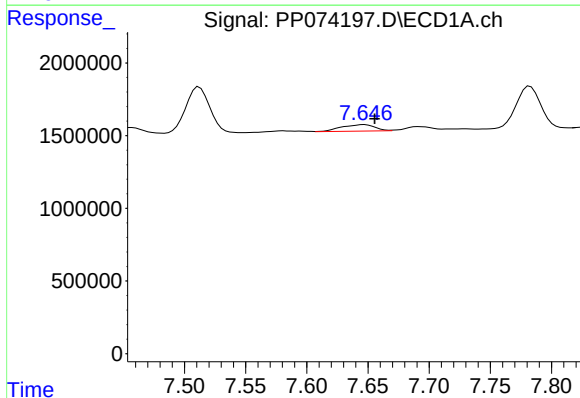
R.T.: 7.400 min
Delta R.T.: -0.004 min
Response: 593868
Conc: 10.54 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



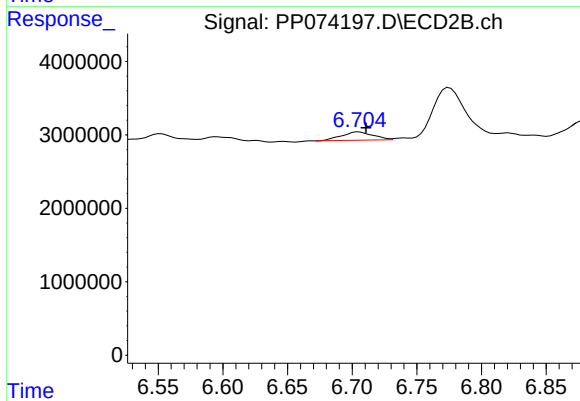
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 2870221
Conc: 7.11 ng/ml



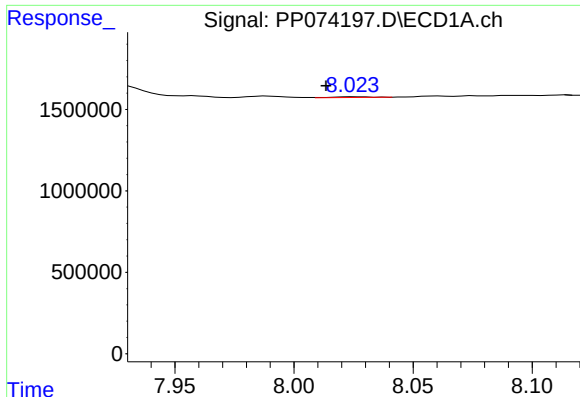
#32 AR-1260-2

R.T.: 7.647 min
Delta R.T.: -0.008 min
Response: 839562
Conc: 12.32 ng/ml



#32 AR-1260-2

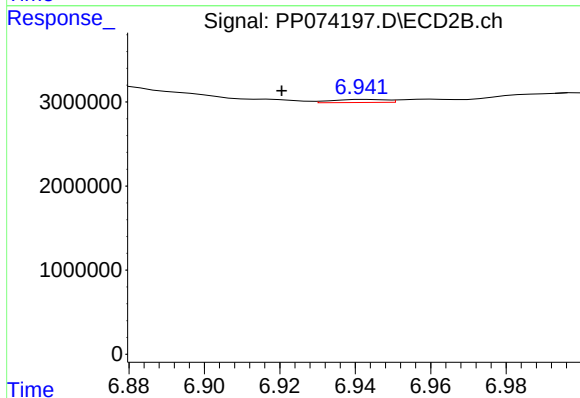
R.T.: 6.705 min
Delta R.T.: -0.006 min
Response: 1902548
Conc: 6.08 ng/ml



#33 AR-1260-3

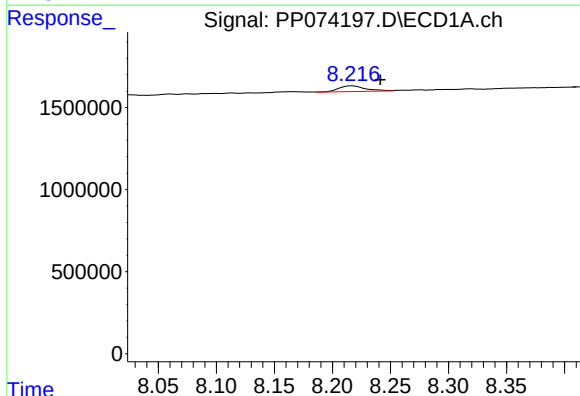
R.T.: 8.025 min
Delta R.T.: 0.011 min
Response: 47683
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



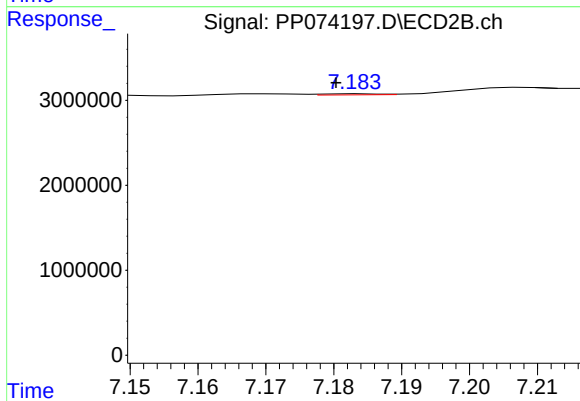
#33 AR-1260-3

R.T.: 6.943 min
Delta R.T.: 0.022 min
Response: 370567
Conc: 0.94 ng/ml



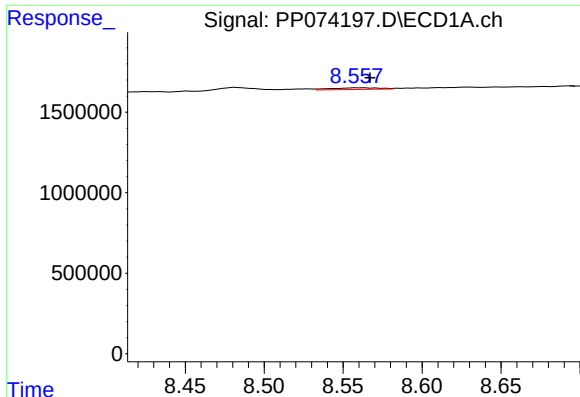
#34 AR-1260-4

R.T.: 8.217 min
Delta R.T.: -0.024 min
Response: 560766
Conc: 8.96 ng/ml



#34 AR-1260-4

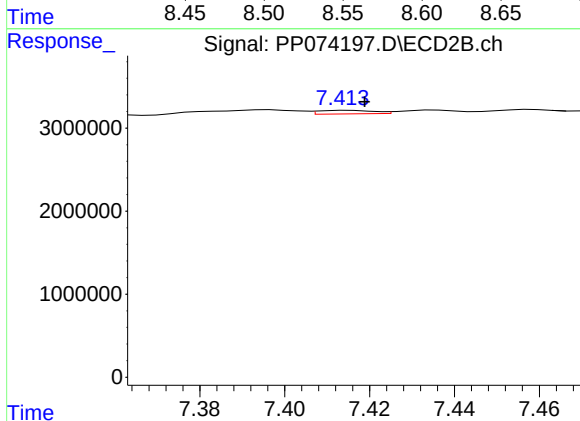
R.T.: 7.184 min
Delta R.T.: 0.004 min
Response: 72352
Conc: 0.25 ng/ml



#35 AR-1260-5

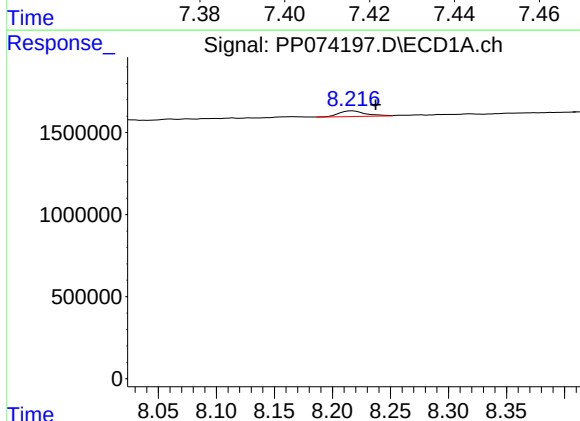
R.T.: 8.559 min
Delta R.T.: -0.008 min
Response: 212917
Conc: 1.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



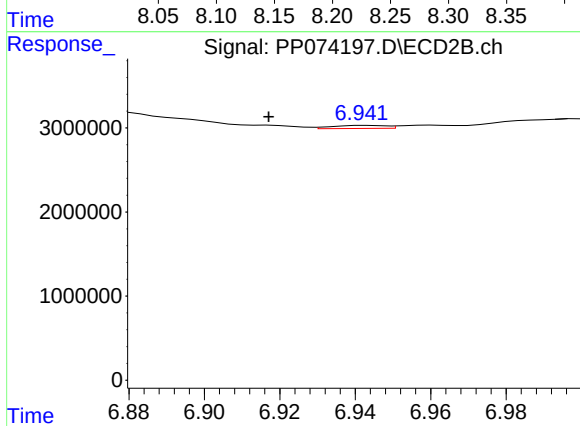
#35 AR-1260-5

R.T.: 7.415 min
Delta R.T.: -0.004 min
Response: 384725
Conc: 0.51 ng/ml



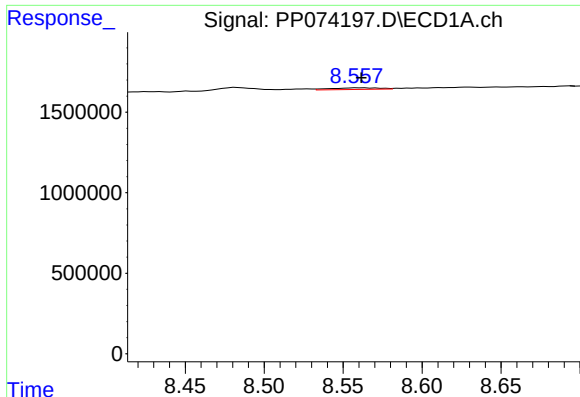
#36 AR-1262-1

R.T.: 8.217 min
Delta R.T.: -0.020 min
Response: 560766
Conc: 7.40 ng/ml



#36 AR-1262-1

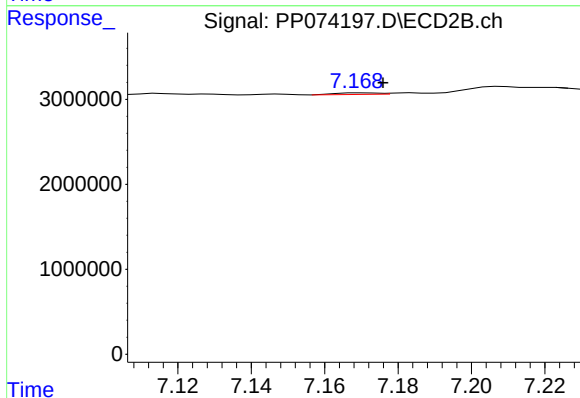
R.T.: 6.943 min
Delta R.T.: 0.026 min
Response: 370567
Conc: 0.66 ng/ml



#37 AR-1262-2

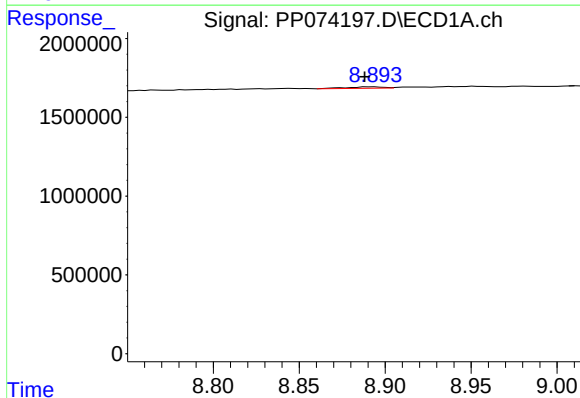
R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 212917
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



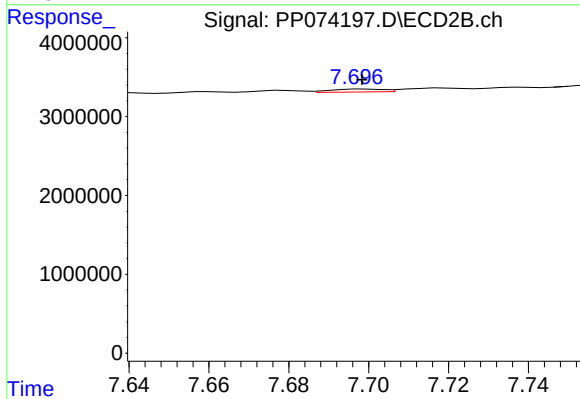
#37 AR-1262-2

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 147921
Conc: 0.37 ng/ml



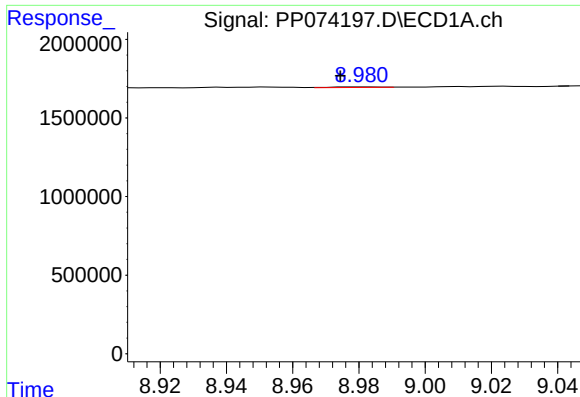
#38 AR-1262-3

R.T.: 8.894 min
Delta R.T.: 0.006 min
Response: 131960
Conc: 1.40 ng/ml



#38 AR-1262-3

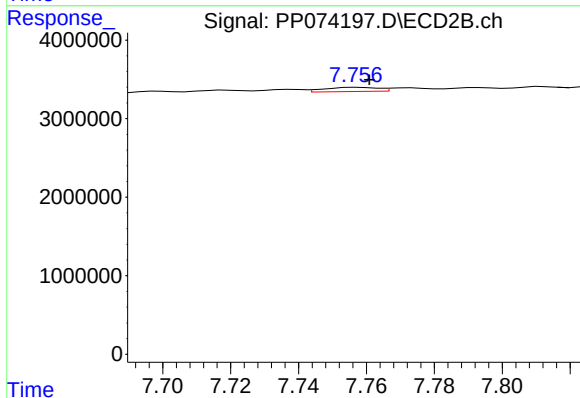
R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 339738
Conc: 0.95 ng/ml



#39 AR-1262-4

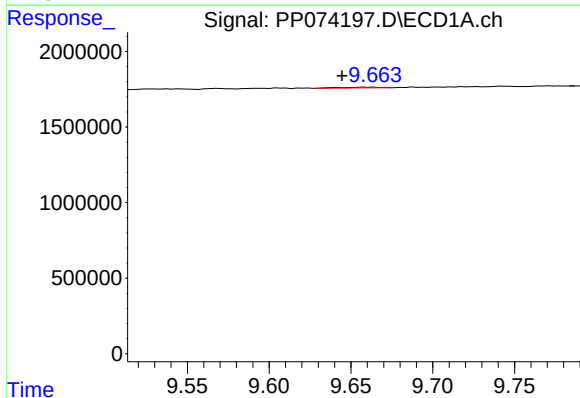
R.T.: 8.981 min
Delta R.T.: 0.007 min
Response: 35860
Conc: 0.49 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



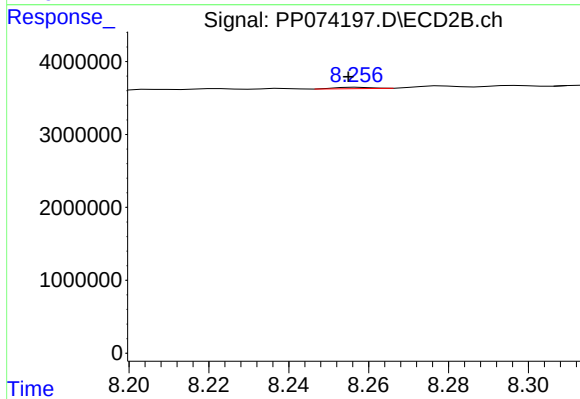
#39 AR-1262-4

R.T.: 7.758 min
Delta R.T.: -0.003 min
Response: 593683
Conc: 0.89 ng/ml



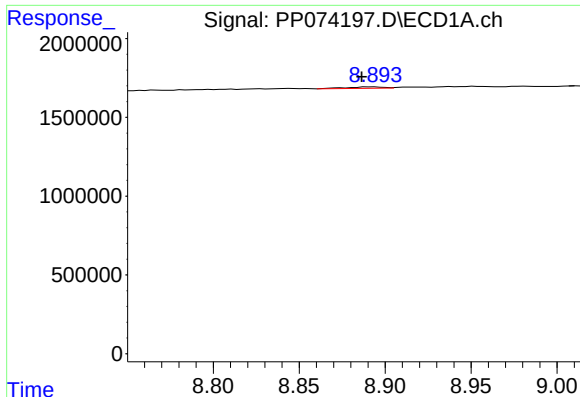
#40 AR-1262-5

R.T.: 9.662 min
Delta R.T.: 0.018 min
Response: 83218
Conc: 1.63 ng/ml



#40 AR-1262-5

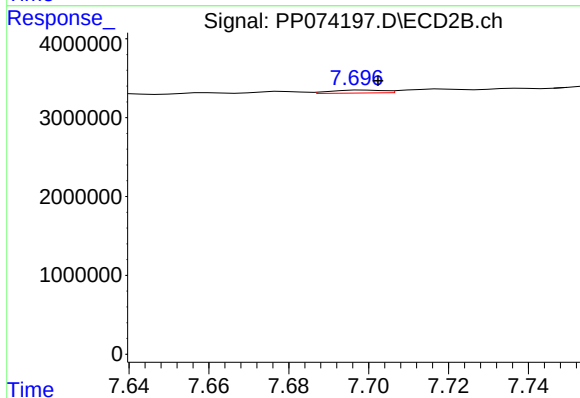
R.T.: 8.258 min
Delta R.T.: 0.003 min
Response: 116580
Conc: 0.41 ng/ml



#41 AR-1268-1

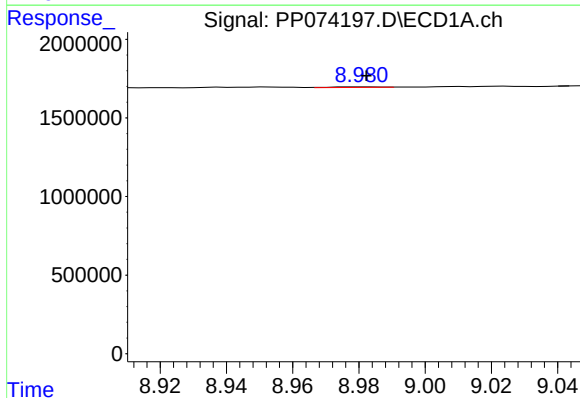
R.T.: 8.894 min
Delta R.T.: 0.008 min
Response: 131960
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



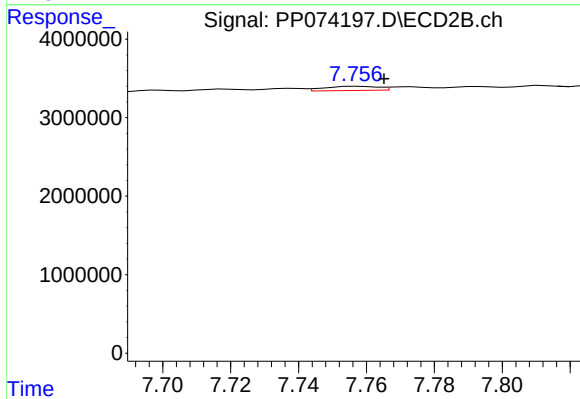
#41 AR-1268-1

R.T.: 7.699 min
Delta R.T.: -0.004 min
Response: 339738
Conc: 0.31 ng/ml



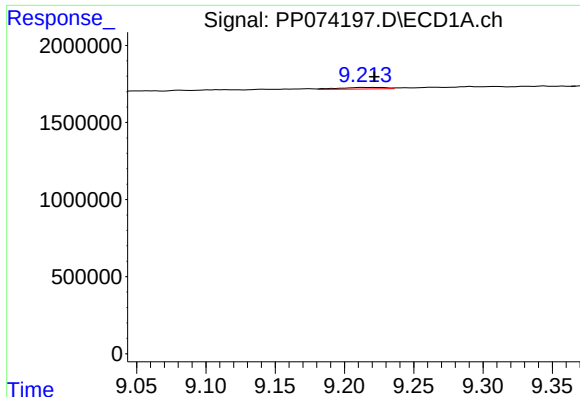
#42 AR-1268-2

R.T.: 8.981 min
Delta R.T.: -0.001 min
Response: 35860
Conc: 0.25 ng/ml



#42 AR-1268-2

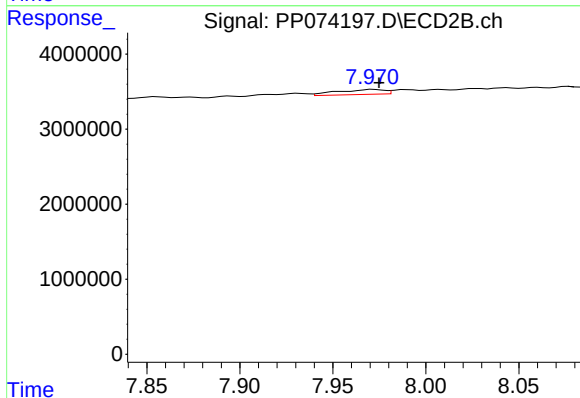
R.T.: 7.758 min
Delta R.T.: -0.008 min
Response: 593683
Conc: 0.56 ng/ml



#43 AR-1268-3

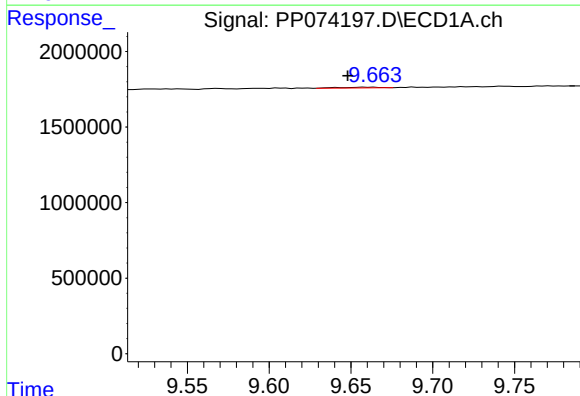
R.T.: 9.214 min
Delta R.T.: -0.007 min
Response: 255483
Conc: 2.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



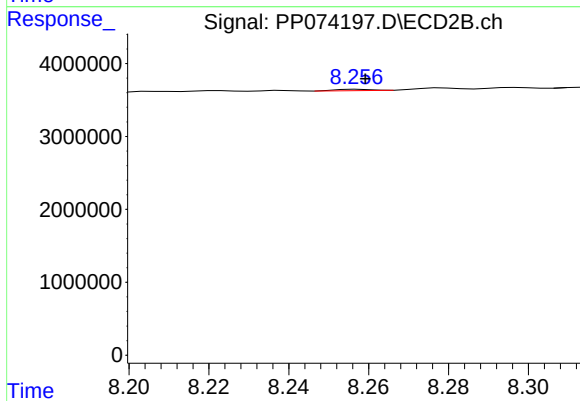
#43 AR-1268-3

R.T.: 7.972 min
Delta R.T.: -0.003 min
Response: 1184209
Conc: 1.42 ng/ml



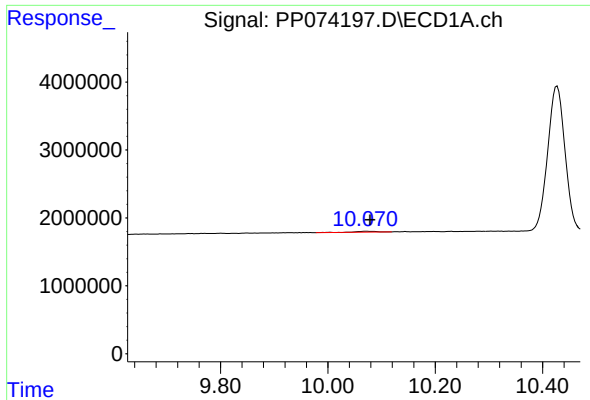
#44 AR-1268-4

R.T.: 9.662 min
Delta R.T.: 0.014 min
Response: 83218
Conc: 1.41 ng/ml



#44 AR-1268-4

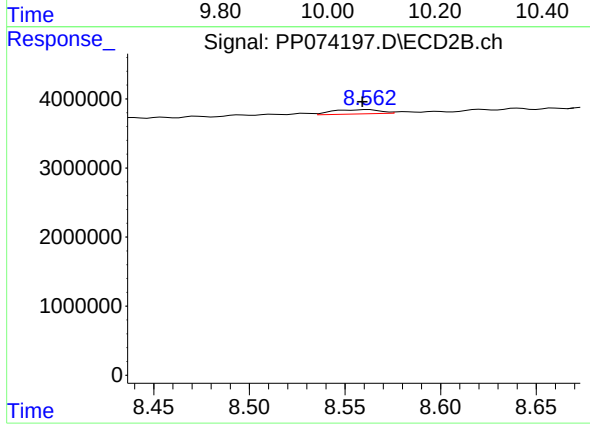
R.T.: 8.258 min
Delta R.T.: -0.001 min
Response: 116580
Conc: 0.38 ng/ml



#45 AR-1268-5

R.T.: 10.072 min
Delta R.T.: -0.007 min
Response: 363528
Conc: 1.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1242



#45 AR-1268-5

R.T.: 8.563 min
Delta R.T.: 0.003 min
Response: 1086905
Conc: 0.43 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
 Data File : PP074199.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2025 23:10
 Operator : YP\AJ
 Sample : AR1254ICV500
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 ICVPP080125AR1254

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 01:37:24 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 02 01:33:31 2025
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
System Monitoring Compounds						
1) SA Tetrachlo...	4.656	3.803	53831323	191.6E6	48.137	49.971
2) SA Decachlor...	10.430	8.820	47450930	299.2E6	48.860	49.761
Target Compounds						
3) L1 AR-1016-1	5.805	4.893	745970	3731555	18.081	9.355 #
4) L1 AR-1016-2	5.830	4.957	872142	1734023	14.358	9.233 #
5) L1 AR-1016-3	5.893	5.078	556819	966758	14.040	9.114 #
6) L1 AR-1016-4	5.988	5.121	527061	57719879	16.195	528.473 #
7) L1 AR-1016-5	6.280	5.333	9175288	35534075	282.594	303.805
8) L2 AR-1221-1	4.848	4.021	78676	154196	4.693	3.141 #
9) L2 AR-1221-2	4.957	4.100	993840	2037869	78.870	56.782 #
10) L2 AR-1221-3	5.016	4.173	244539	504753	6.675	3.733 #
11) L3 AR-1232-1	5.016	4.173	244539	504753	8.422	4.980 #
12) L3 AR-1232-2	5.542	4.893	289072	3731555	19.217	21.413
13) L3 AR-1232-3	5.830	5.078	872142	966758	30.072	21.101 #
14) L3 AR-1232-4	5.988	5.157	527061	26883268	34.072	463.419 #
15) L3 AR-1232-5	6.077	5.333	14812614	35534075	1264.305	756.375 #
16) L4 AR-1242-1	5.805	4.893	745970	3731555	20.018	10.812 #
17) L4 AR-1242-2	5.830	4.957	872142	1734023	16.029	10.614 #
18) L4 AR-1242-3	5.893	5.078	556819	966758	15.582	10.480 #
19) L4 AR-1242-4	5.988	5.157	527061	26883268	18.039	225.112 #
20) L4 AR-1242-5	6.721	5.686	10174999	178.5E6	286.152	1193.575 #
21) L5 AR-1248-1	5.805	4.893	745970	3731555	26.628	17.443 #
22) L5 AR-1248-2	6.077	5.121	14812614	57719879	367.914	394.497
23) L5 AR-1248-3	6.280	5.157	9175288	26883268	205.846	156.790
24) L5 AR-1248-4	6.655	5.333	37990866	35534075	730.072	213.580 #
25) L5 AR-1248-5	6.721	5.686	10174999	178.5E6	178.687	613.512 #
26) L6 AR-1254-1	6.655	5.686	37990866	178.5E6	721.697	487.493 #
27) L6 AR-1254-2	6.871	5.833	37599140	134.8E6	472.918	484.650
28) L6 AR-1254-3	7.233	6.235	40597005	245.2E6	464.942	501.115
29) L6 AR-1254-4	7.514	6.462	30708926	181.0E6	481.260	492.525
30) L6 AR-1254-5	7.930	6.878	38809795	188.2E6	478.279	478.748
31) L7 AR-1260-1	7.398	6.552	17543251	109.0E6	311.293	269.954
32) L7 AR-1260-2	7.650	6.704	19124212	77042973	280.610	246.381
33) L7 AR-1260-3	7.991	6.944	4844847	25122989	90.905	63.745 #
34) L7 AR-1260-4	8.219	7.175	14487782	5653722	231.379	19.430 #
35) L7 AR-1260-5	8.560	7.407	5145410	51502946	45.412	67.999 #
36) L8 AR-1262-1	8.219	6.944	14487782	25122989	191.158	44.612 #
37) L8 AR-1262-2	8.560	7.175	5145410	5653722	39.450	14.098 #
38) L8 AR-1262-3	8.895	7.694	4365480	772104	46.406	2.148 #
39) L8 AR-1262-4	8.979	7.757	118980	19007753	1.633	28.501 #
40) L8 AR-1262-5	9.647	8.249	418724	666817	8.223	2.354 #
41) L9 AR-1268-1	8.895	7.709	4365480	477278	28.050	0.438 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.979	7.757	118980	19007753	0.830	17.909 #
43)	L9 AR-1268-3	9.221	7.968	168840	472836	1.413	0.568 #
44)	L9 AR-1268-4	9.647	8.263	418724	437922	7.120	1.422 #
45)	L9 AR-1268-5	10.069	8.559	442219	1401468	1.257	0.550 #

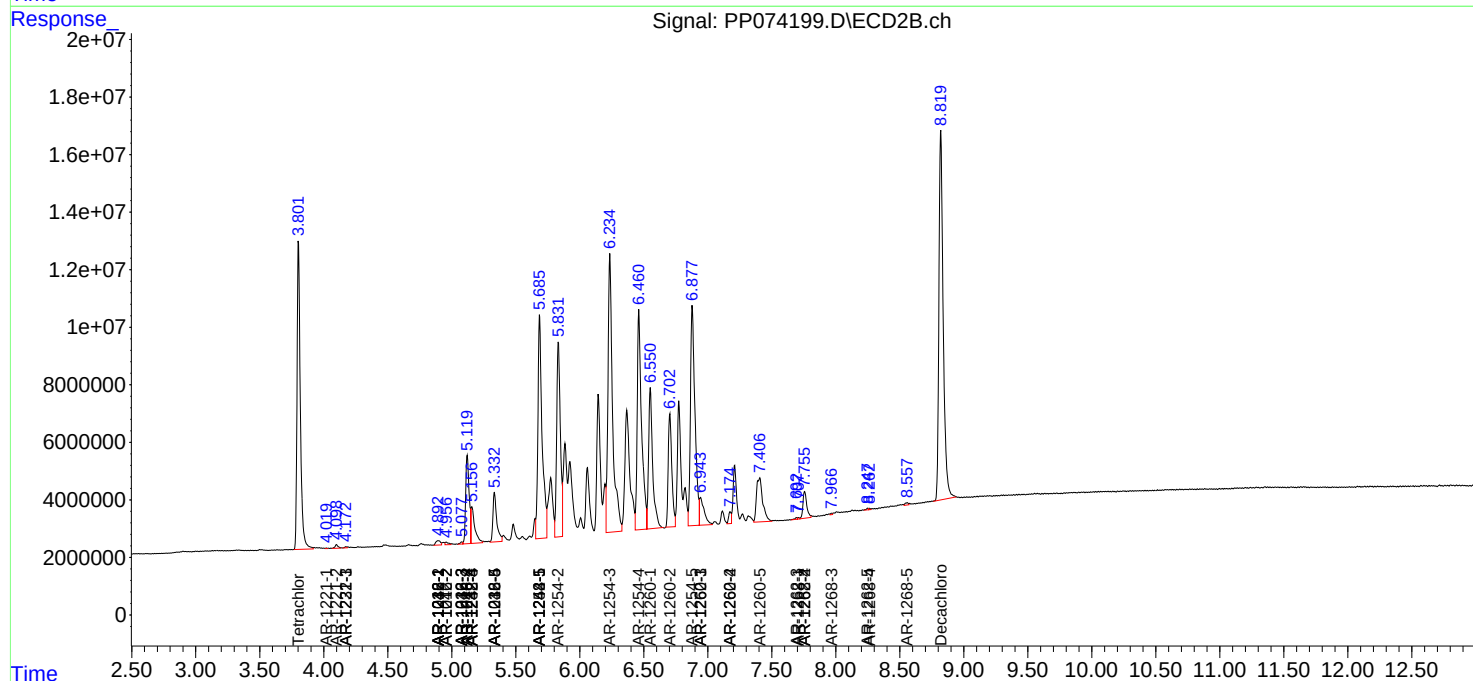
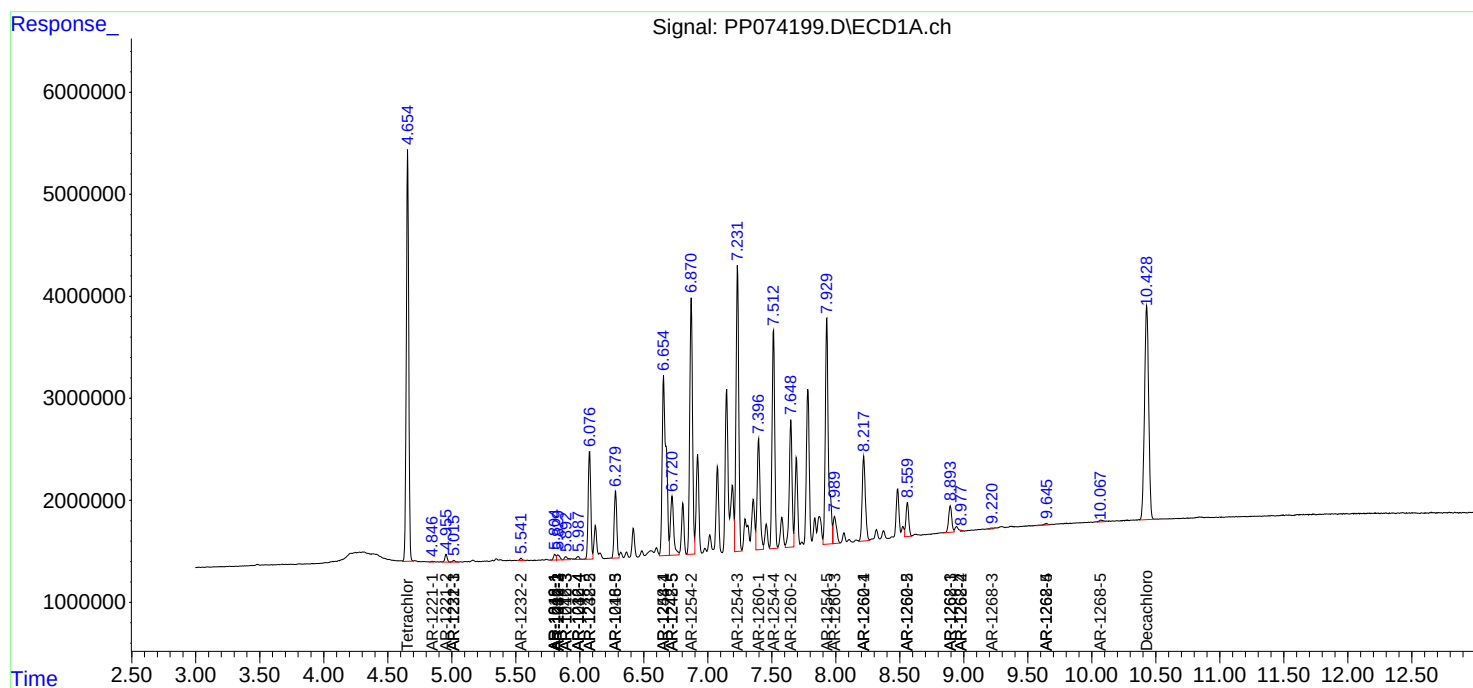
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

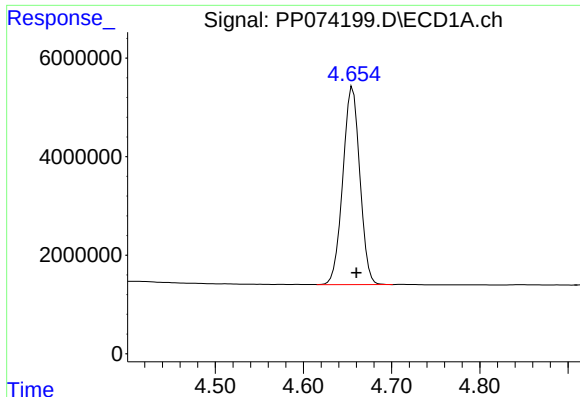
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP080125\
Data File : PP074199.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Aug 2025 23:10
Operator : YP\AJ
Sample : AR1254ICV500
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 02 01:37:24 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 02 01:33:31 2025
Response via : Initial Calibration
Integrator: ChemStation

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

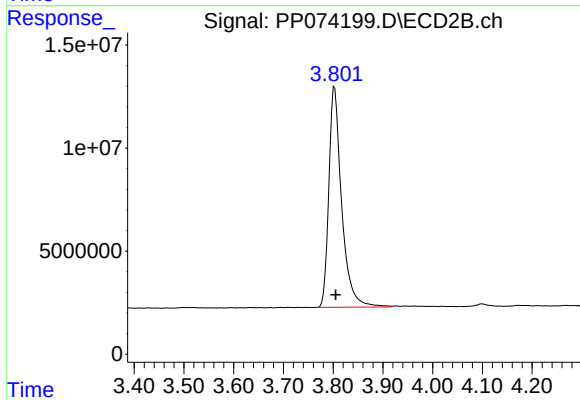




#1 Tetrachloro-m-xylene

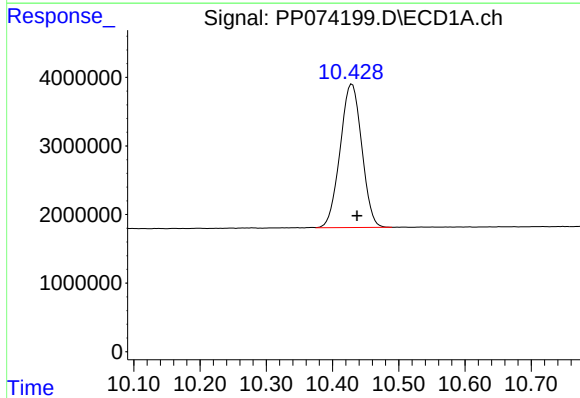
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 53831323
Conc: 48.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



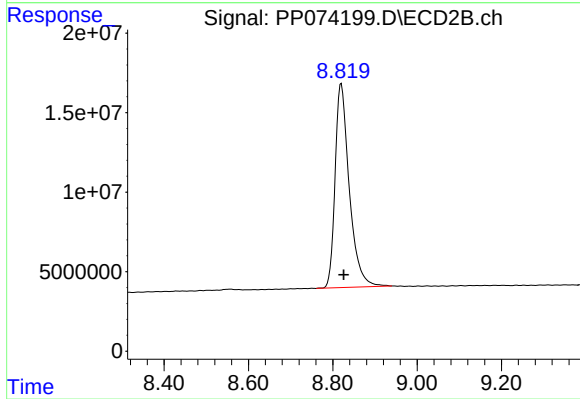
#1 Tetrachloro-m-xylene

R.T.: 3.803 min
Delta R.T.: -0.002 min
Response: 191609515
Conc: 49.97 ng/ml



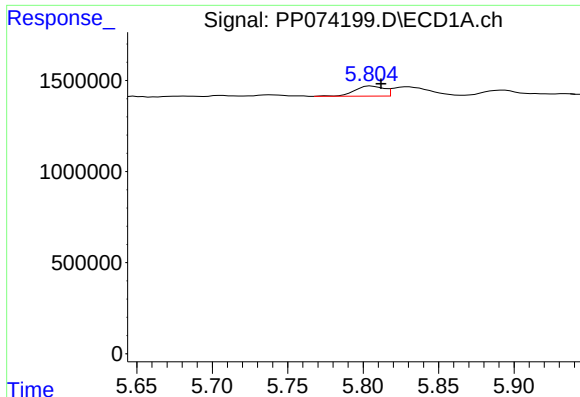
#2 Decachlorobiphenyl

R.T.: 10.430 min
Delta R.T.: -0.008 min
Response: 47450930
Conc: 48.86 ng/ml



#2 Decachlorobiphenyl

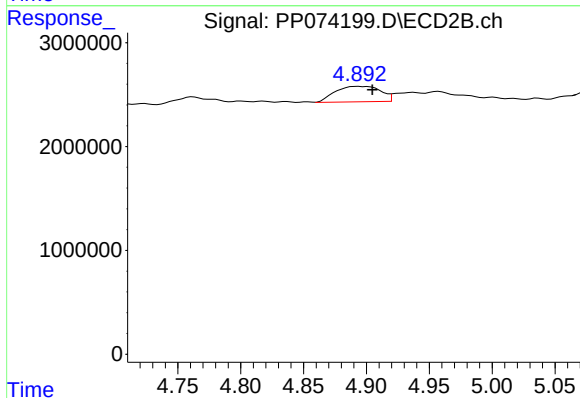
R.T.: 8.820 min
Delta R.T.: -0.006 min
Response: 299243051
Conc: 49.76 ng/ml



#3 AR-1016-1

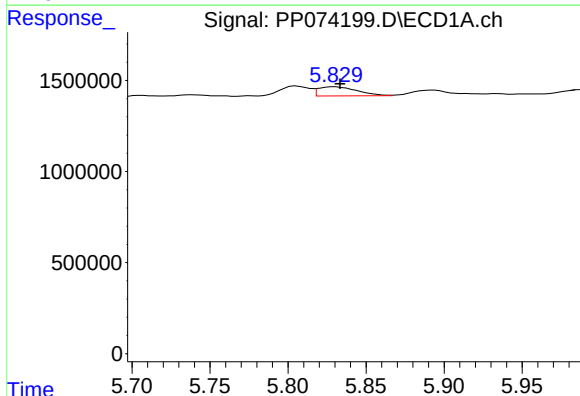
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 745970
Conc: 18.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



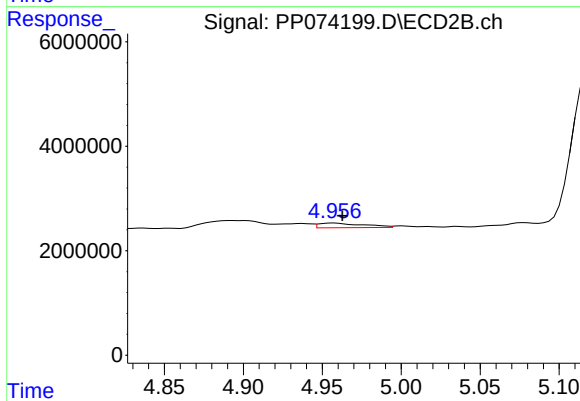
#3 AR-1016-1

R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 9.35 ng/ml



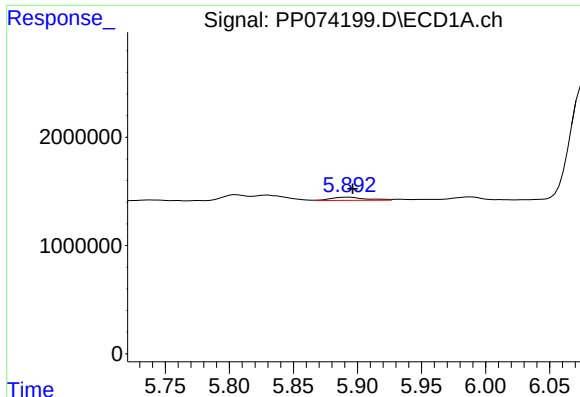
#4 AR-1016-2

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 872142
Conc: 14.36 ng/ml



#4 AR-1016-2

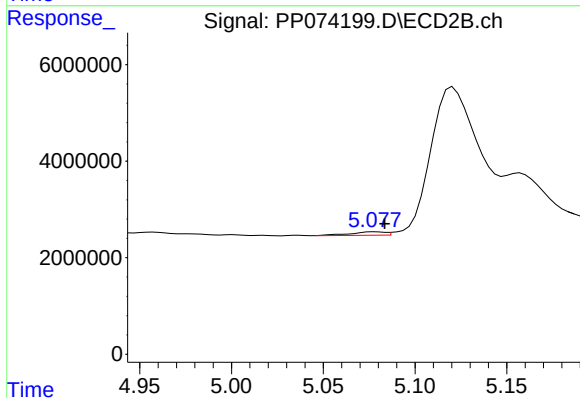
R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 9.23 ng/ml



#5 AR-1016-3

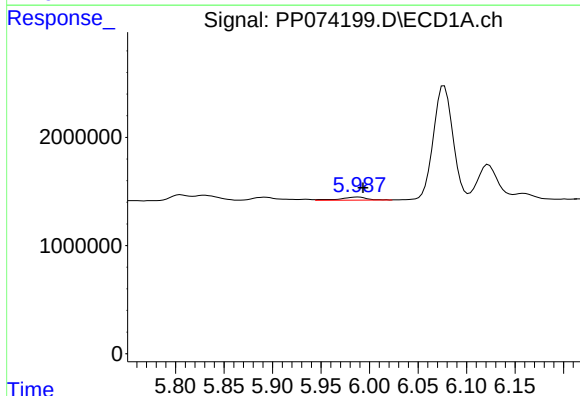
R.T.: 5.893 min
Delta R.T.: -0.003 min
Response: 556819
Conc: 14.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



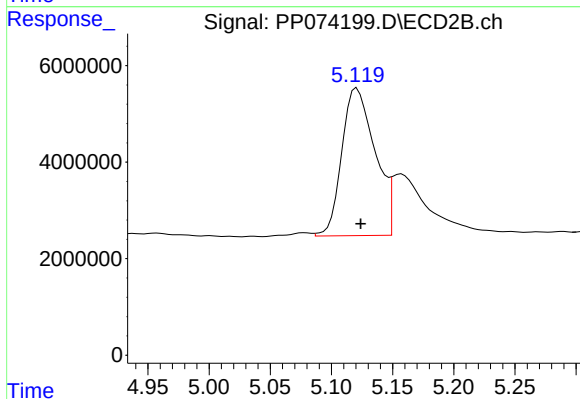
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.006 min
Response: 966758
Conc: 9.11 ng/ml



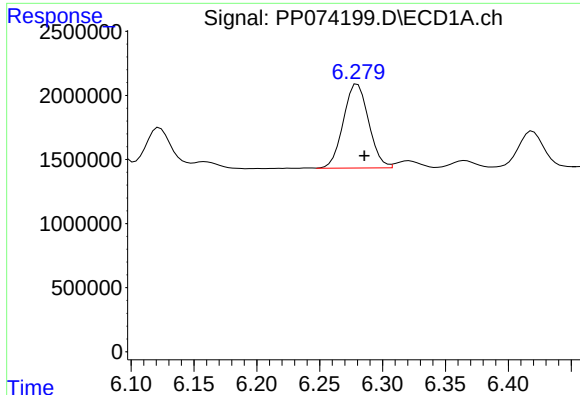
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 527061
Conc: 16.20 ng/ml



#6 AR-1016-4

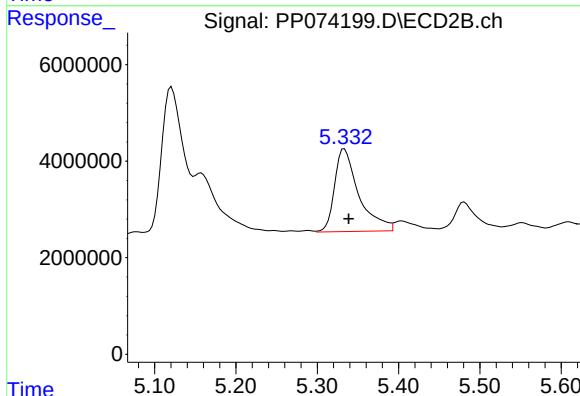
R.T.: 5.121 min
Delta R.T.: -0.003 min
Response: 57719879
Conc: 528.47 ng/ml



#7 AR-1016-5

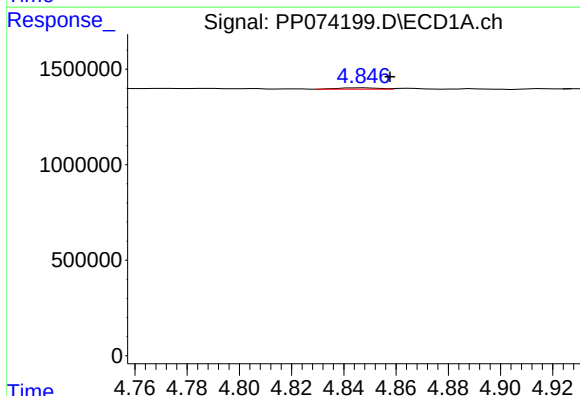
R.T.: 6.280 min
Delta R.T.: -0.005 min
Response: 9175288
Conc: 282.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



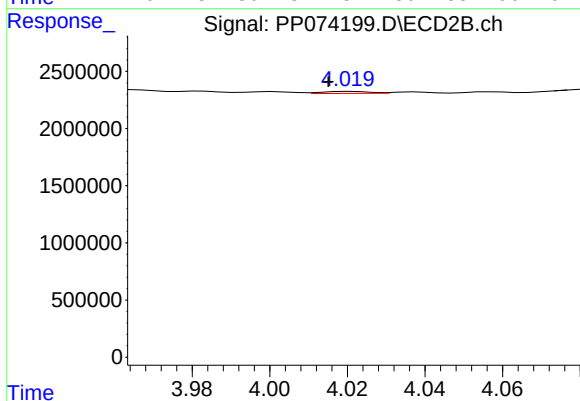
#7 AR-1016-5

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 35534075
Conc: 303.81 ng/ml



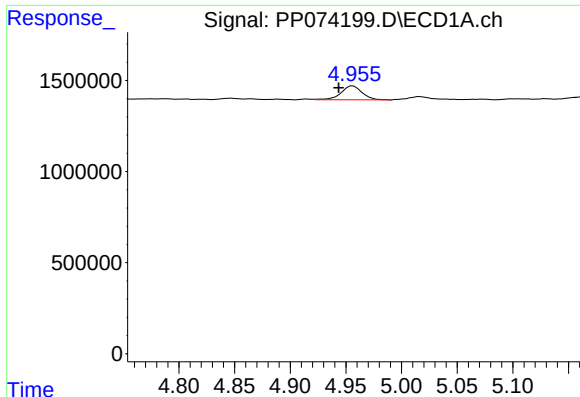
#8 AR-1221-1

R.T.: 4.848 min
Delta R.T.: -0.010 min
Response: 78676
Conc: 4.69 ng/ml



#8 AR-1221-1

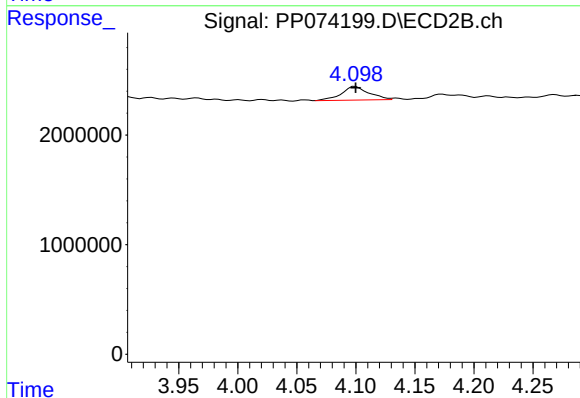
R.T.: 4.021 min
Delta R.T.: 0.006 min
Response: 154196
Conc: 3.14 ng/ml



#9 AR-1221-2

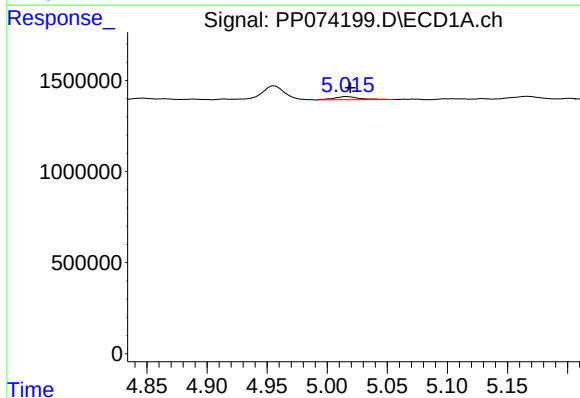
R.T.: 4.957 min
Delta R.T.: 0.013 min
Response: 993840
Conc: 78.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



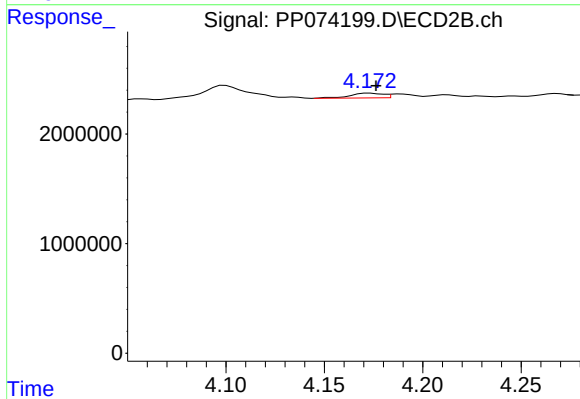
#9 AR-1221-2

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 2037869
Conc: 56.78 ng/ml



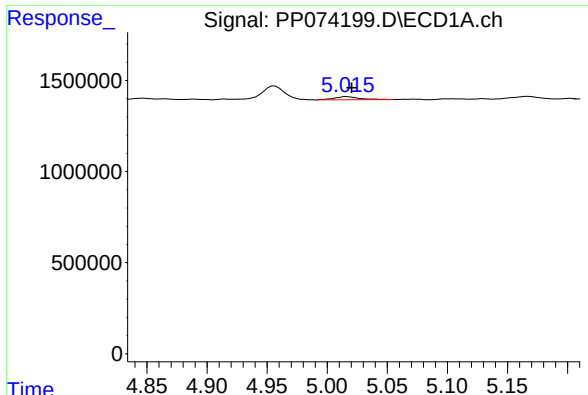
#10 AR-1221-3

R.T.: 5.016 min
Delta R.T.: -0.003 min
Response: 244539
Conc: 6.67 ng/ml



#10 AR-1221-3

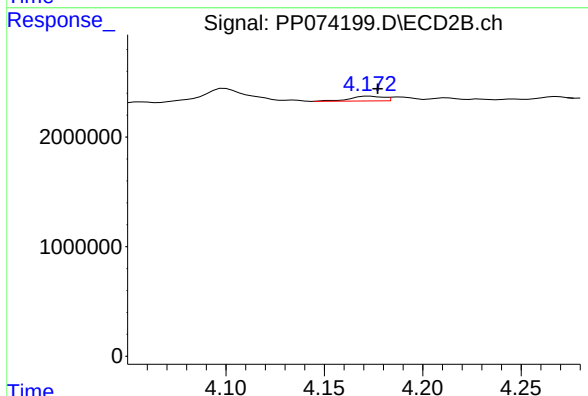
R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 504753
Conc: 3.73 ng/ml



#11 AR-1232-1

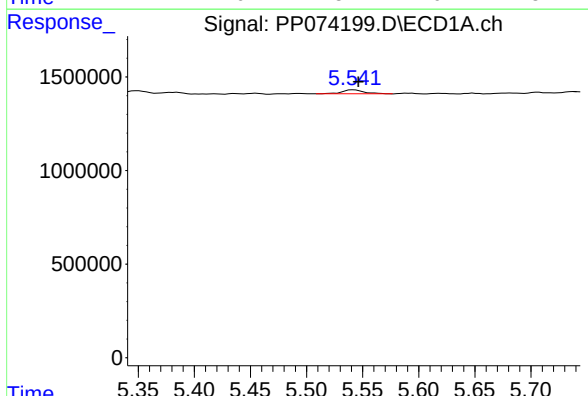
R.T.: 5.016 min
Delta R.T.: -0.004 min
Response: 244539
Conc: 8.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



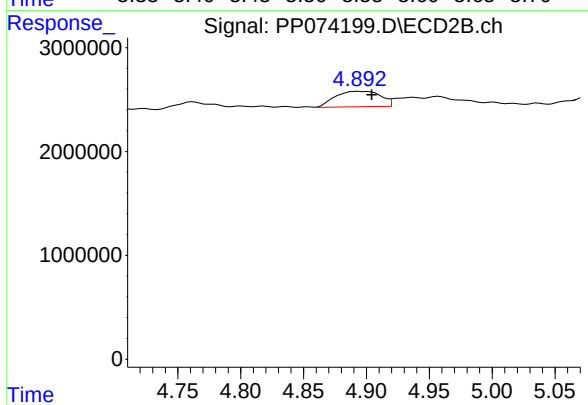
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: -0.004 min
Response: 504753
Conc: 4.98 ng/ml



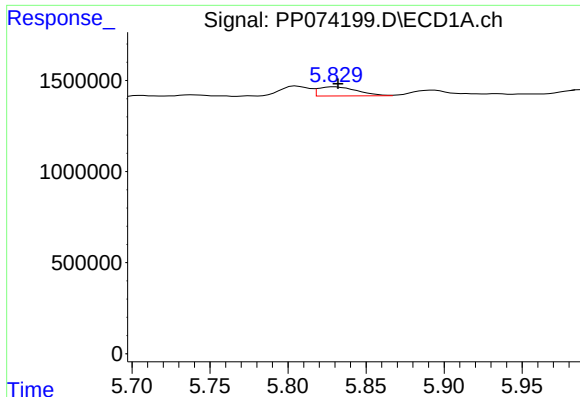
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: -0.004 min
Response: 289072
Conc: 19.22 ng/ml



#12 AR-1232-2

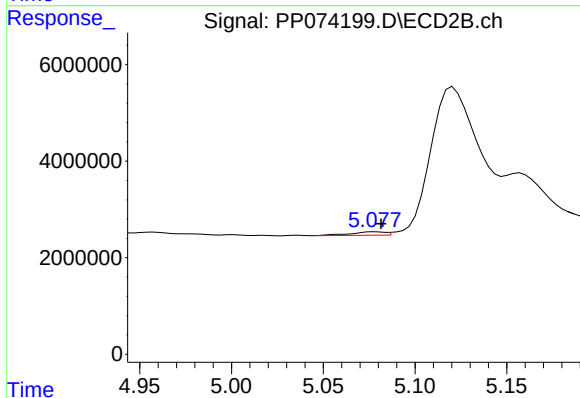
R.T.: 4.893 min
Delta R.T.: -0.011 min
Response: 3731555
Conc: 21.41 ng/ml



#13 AR-1232-3

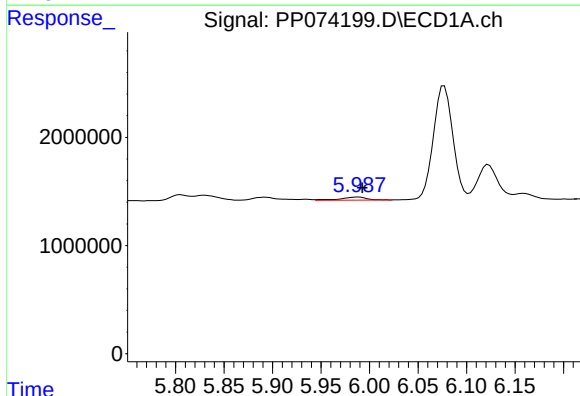
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 30.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



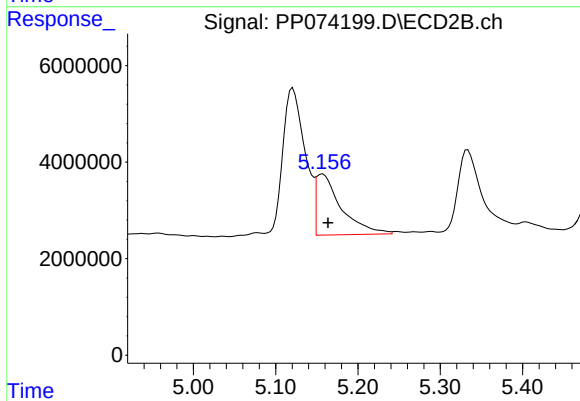
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: -0.003 min
Response: 966758
Conc: 21.10 ng/ml



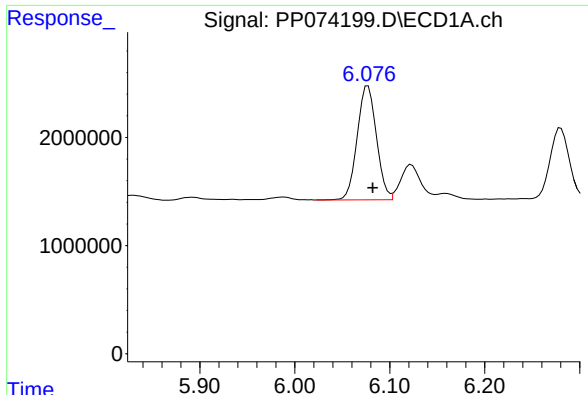
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 34.07 ng/ml



#14 AR-1232-4

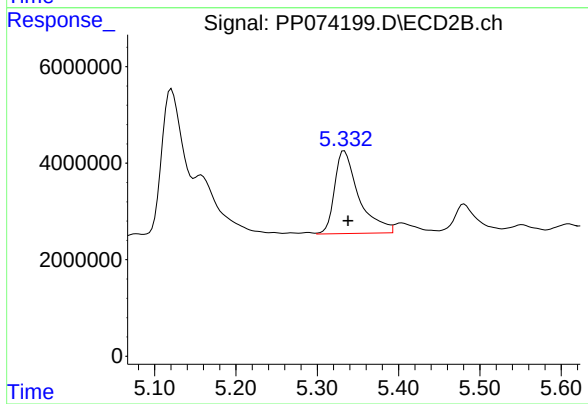
R.T.: 5.157 min
Delta R.T.: -0.006 min
Response: 26883268
Conc: 463.42 ng/ml



#15 AR-1232-5

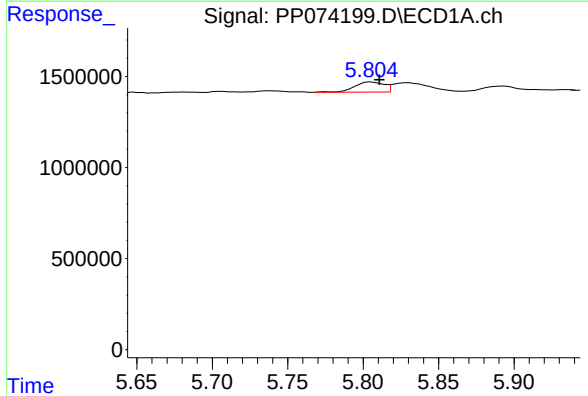
R.T.: 6.077 min
Delta R.T.: -0.005 min
Response: 14812614
Conc: 1264.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



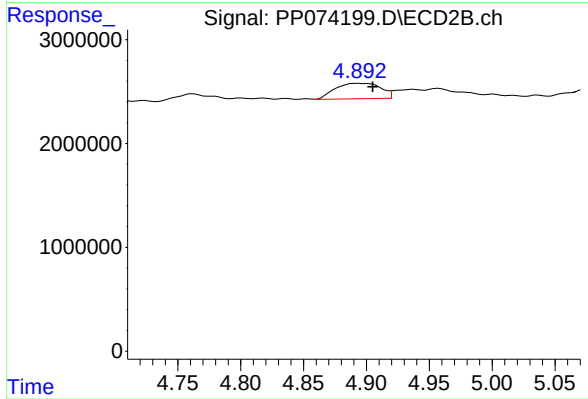
#15 AR-1232-5

R.T.: 5.333 min
Delta R.T.: -0.004 min
Response: 35534075
Conc: 756.37 ng/ml



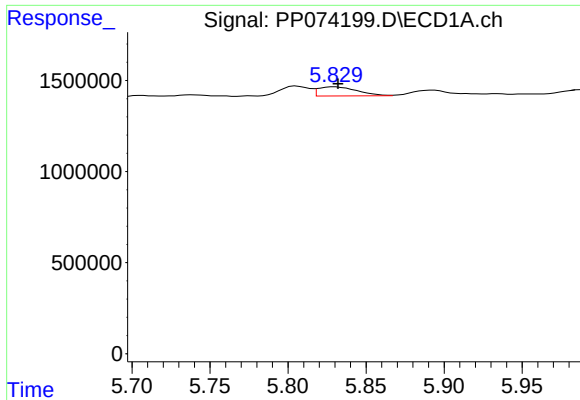
#16 AR-1242-1

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 20.02 ng/ml



#16 AR-1242-1

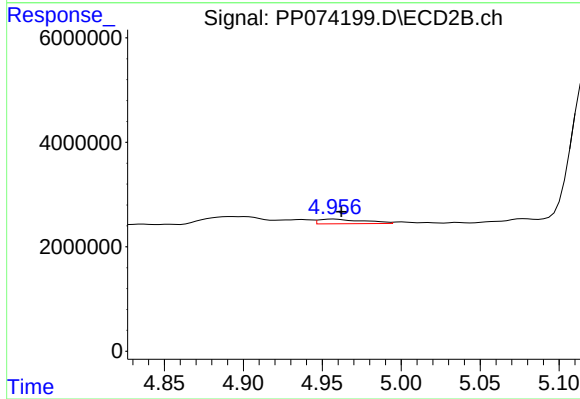
R.T.: 4.893 min
Delta R.T.: -0.012 min
Response: 3731555
Conc: 10.81 ng/ml



#17 AR-1242-2

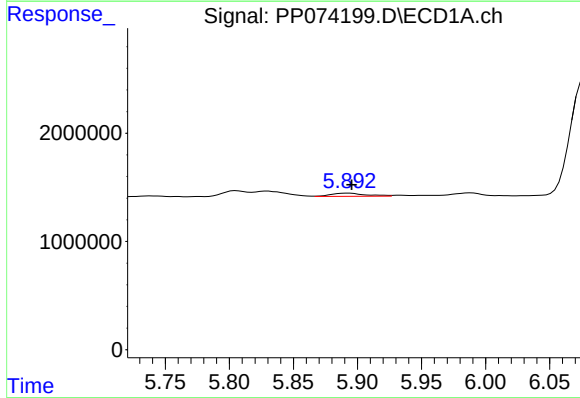
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 872142
Conc: 16.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



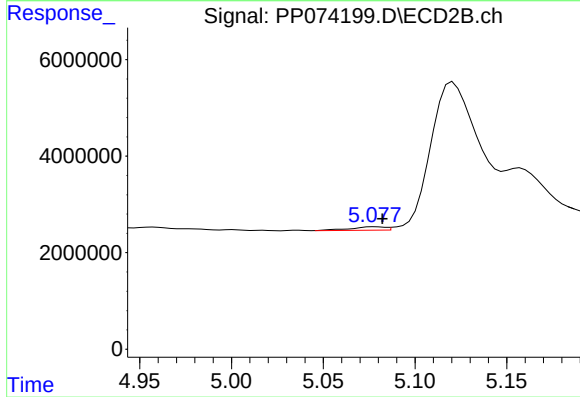
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 1734023
Conc: 10.61 ng/ml



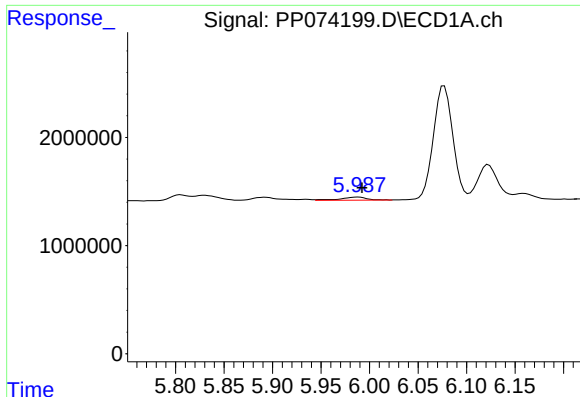
#18 AR-1242-3

R.T.: 5.893 min
Delta R.T.: -0.002 min
Response: 556819
Conc: 15.58 ng/ml



#18 AR-1242-3

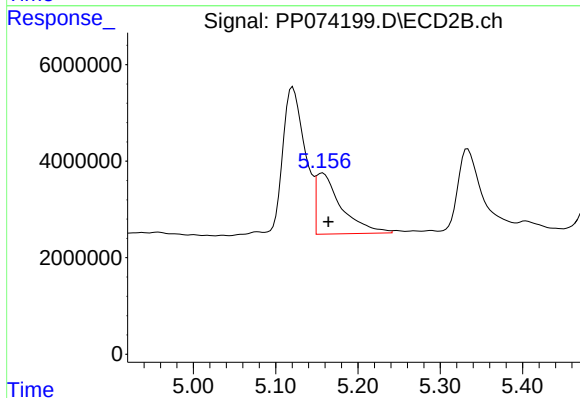
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 966758
Conc: 10.48 ng/ml



#19 AR-1242-4

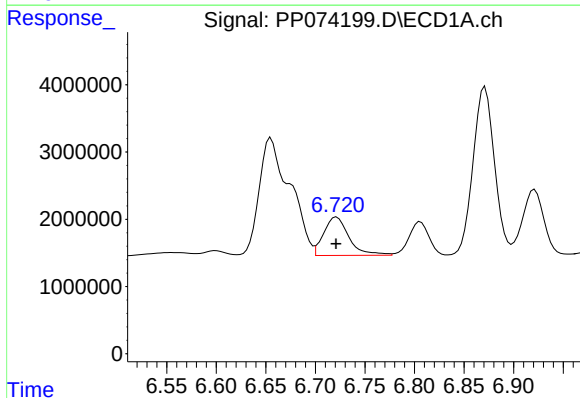
R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 527061
Conc: 18.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



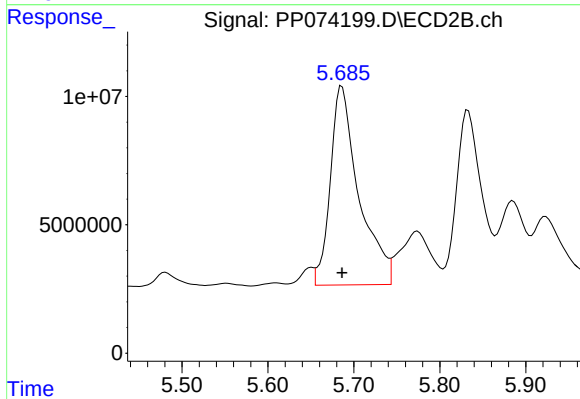
#19 AR-1242-4

R.T.: 5.157 min
Delta R.T.: -0.007 min
Response: 26883268
Conc: 225.11 ng/ml



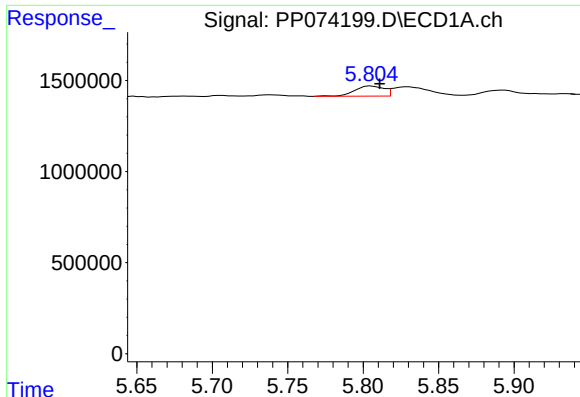
#20 AR-1242-5

R.T.: 6.721 min
Delta R.T.: 0.000 min
Response: 10174999
Conc: 286.15 ng/ml



#20 AR-1242-5

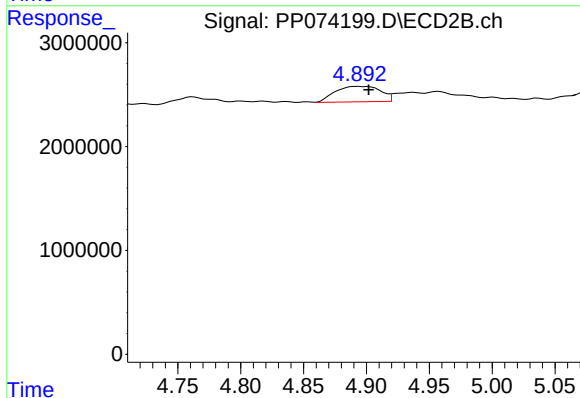
R.T.: 5.686 min
Delta R.T.: 0.000 min
Response: 178511104
Conc: 1193.58 ng/ml



#21 AR-1248-1

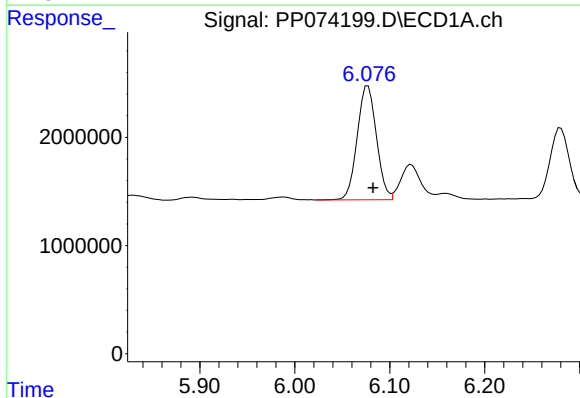
R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 745970
Conc: 26.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



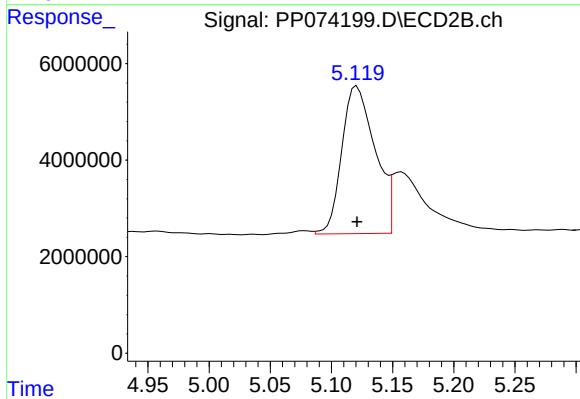
#21 AR-1248-1

R.T.: 4.893 min
Delta R.T.: -0.008 min
Response: 3731555
Conc: 17.44 ng/ml



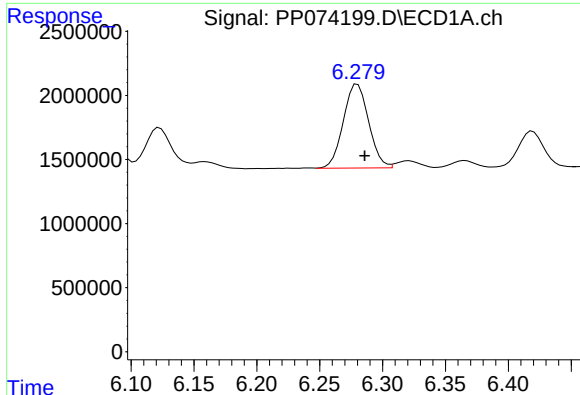
#22 AR-1248-2

R.T.: 6.077 min
Delta R.T.: -0.006 min
Response: 14812614
Conc: 367.91 ng/ml



#22 AR-1248-2

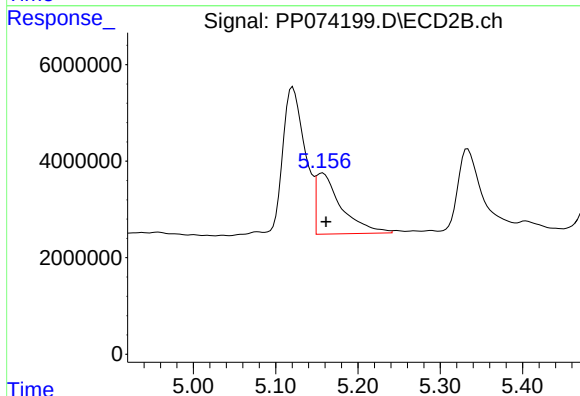
R.T.: 5.121 min
Delta R.T.: 0.000 min
Response: 57719879
Conc: 394.50 ng/ml



#23 AR-1248-3

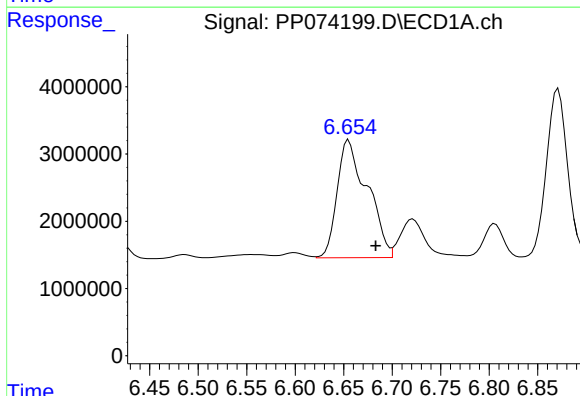
R.T.: 6.280 min
Delta R.T.: -0.006 min
Response: 9175288
Conc: 205.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



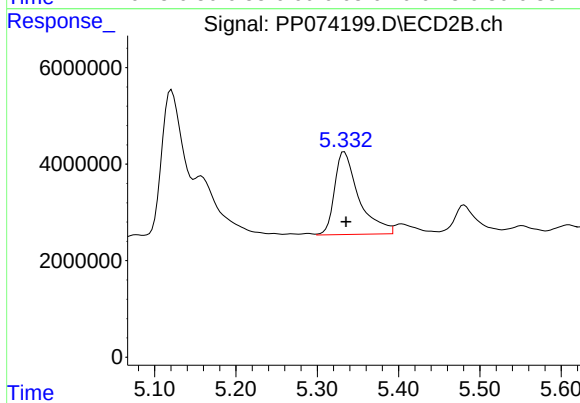
#23 AR-1248-3

R.T.: 5.157 min
Delta R.T.: -0.004 min
Response: 26883268
Conc: 156.79 ng/ml



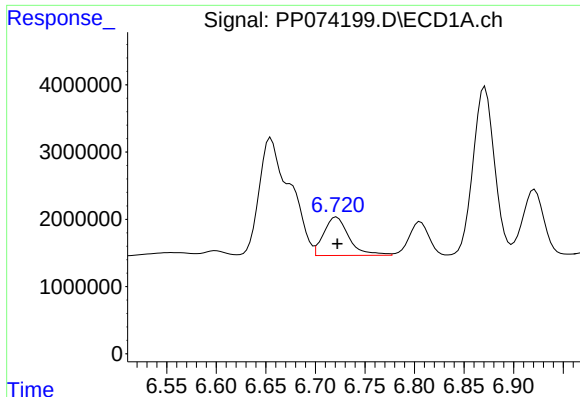
#24 AR-1248-4

R.T.: 6.655 min
Delta R.T.: -0.028 min
Response: 37990866
Conc: 730.07 ng/ml



#24 AR-1248-4

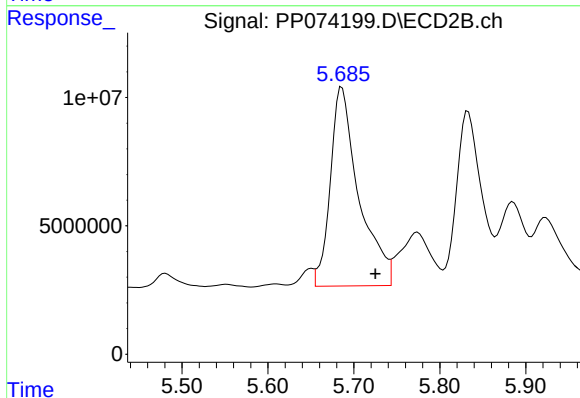
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 35534075
Conc: 213.58 ng/ml



#25 AR-1248-5

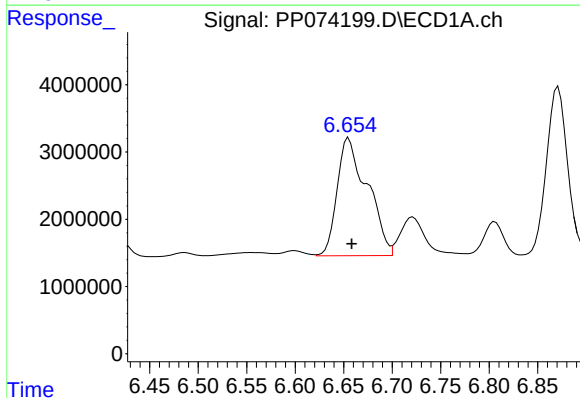
R.T.: 6.721 min
Delta R.T.: -0.001 min
Response: 10174999
Conc: 178.69 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



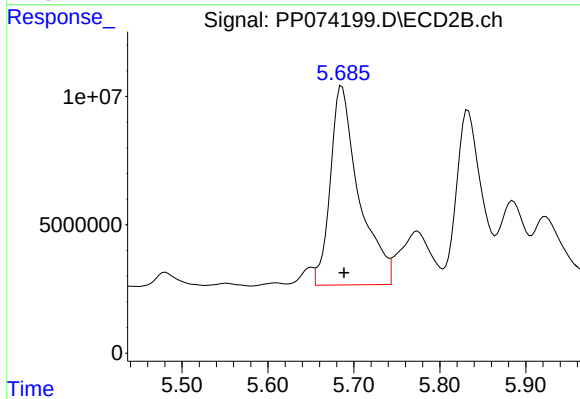
#25 AR-1248-5

R.T.: 5.686 min
Delta R.T.: -0.039 min
Response: 178511104
Conc: 613.51 ng/ml



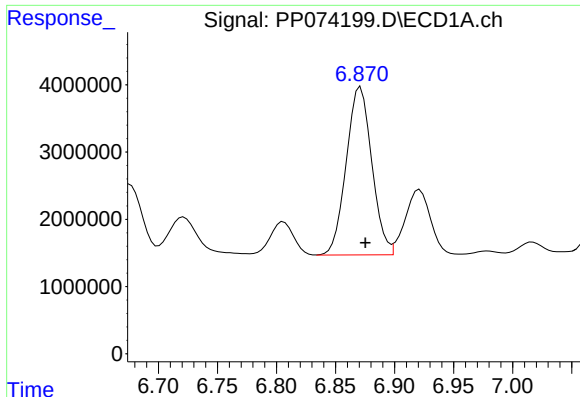
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 37990866
Conc: 721.70 ng/ml



#26 AR-1254-1

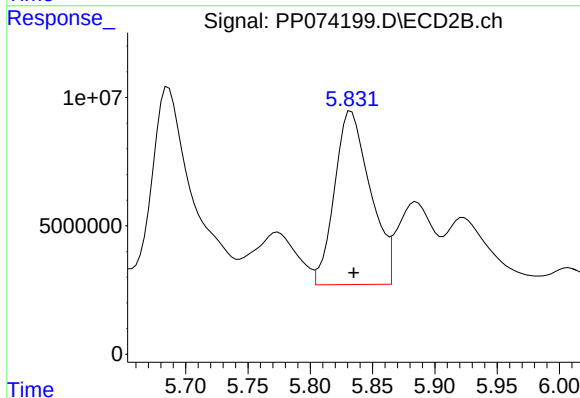
R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 178511104
Conc: 487.49 ng/ml



#27 AR-1254-2

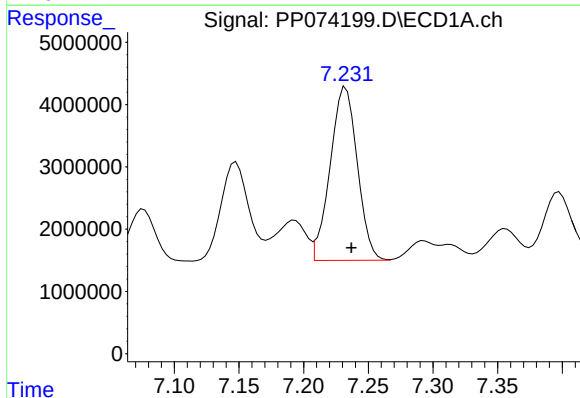
R.T.: 6.871 min
Delta R.T.: -0.004 min
Response: 37599140
Conc: 472.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



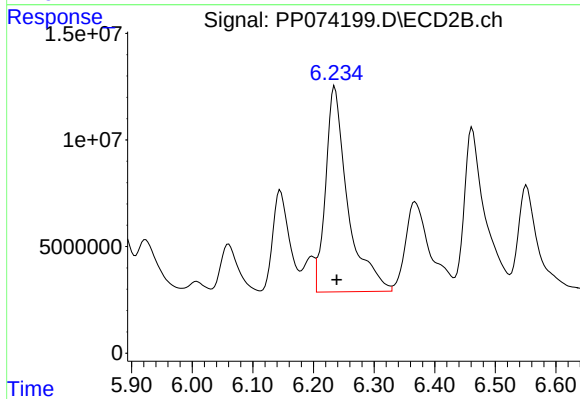
#27 AR-1254-2

R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 134837969
Conc: 484.65 ng/ml



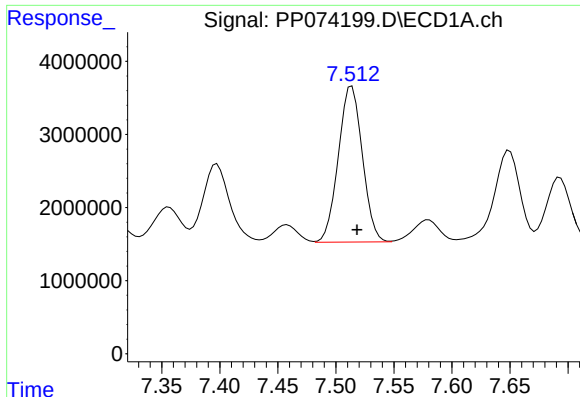
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 40597005
Conc: 464.94 ng/ml



#28 AR-1254-3

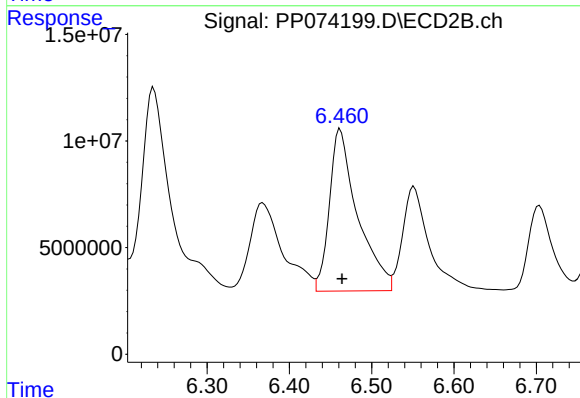
R.T.: 6.235 min
Delta R.T.: -0.003 min
Response: 245151099
Conc: 501.11 ng/ml



#29 AR-1254-4

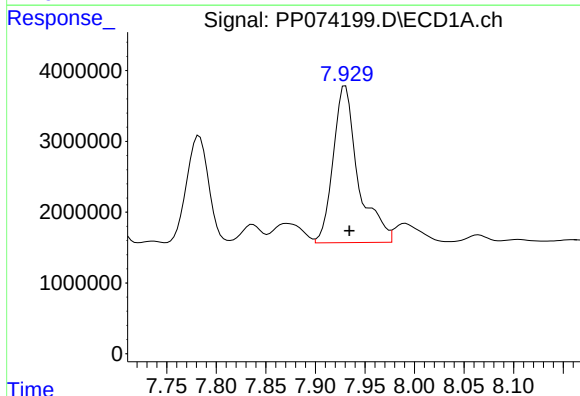
R.T.: 7.514 min
Delta R.T.: -0.005 min
Response: 30708926
Conc: 481.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



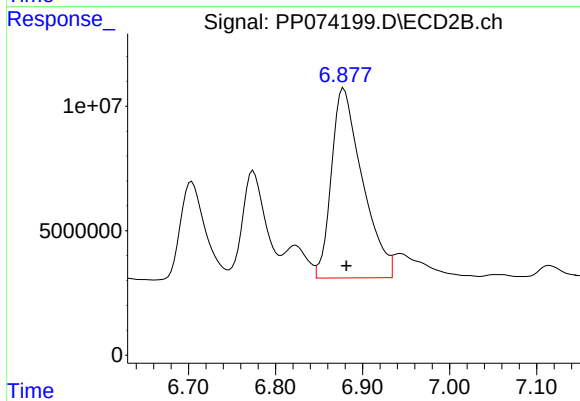
#29 AR-1254-4

R.T.: 6.462 min
Delta R.T.: -0.002 min
Response: 181035006
Conc: 492.52 ng/ml



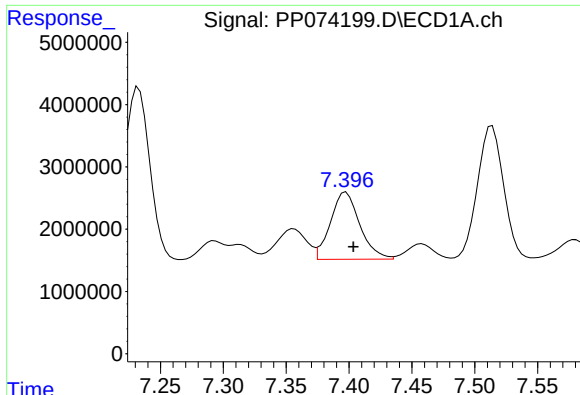
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 38809795
Conc: 478.28 ng/ml



#30 AR-1254-5

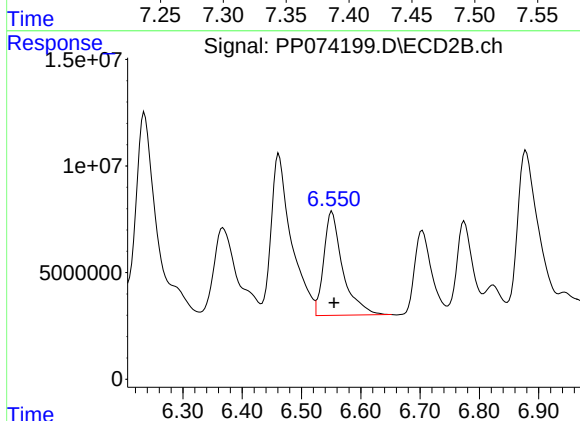
R.T.: 6.878 min
Delta R.T.: -0.003 min
Response: 188193102
Conc: 478.75 ng/ml



#31 AR-1260-1

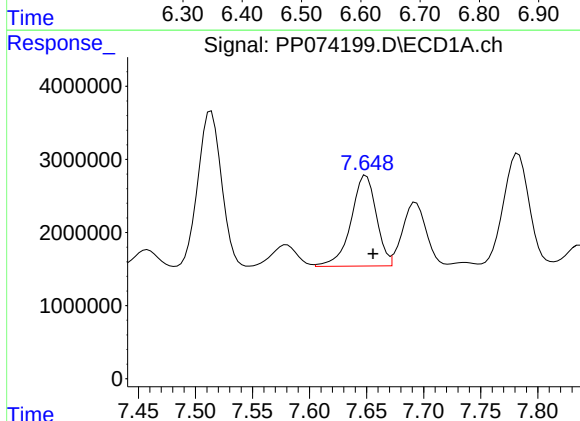
R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 17543251
Conc: 311.29 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



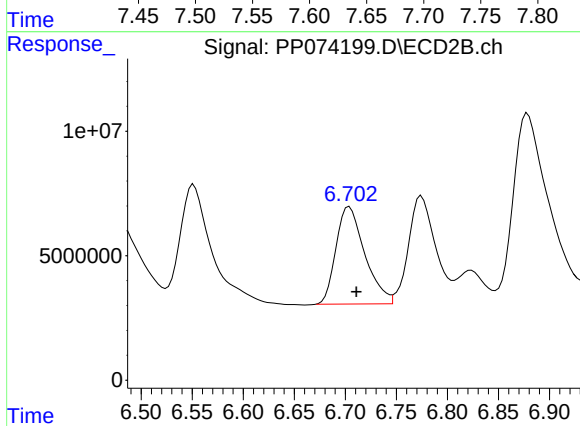
#31 AR-1260-1

R.T.: 6.552 min
Delta R.T.: -0.003 min
Response: 109049999
Conc: 269.95 ng/ml



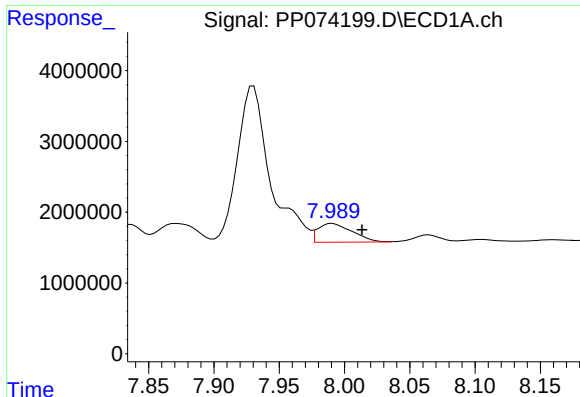
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: -0.006 min
Response: 19124212
Conc: 280.61 ng/ml



#32 AR-1260-2

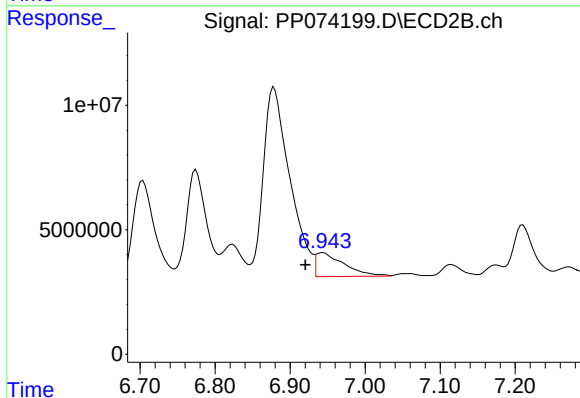
R.T.: 6.704 min
Delta R.T.: -0.007 min
Response: 77042973
Conc: 246.38 ng/ml



#33 AR-1260-3

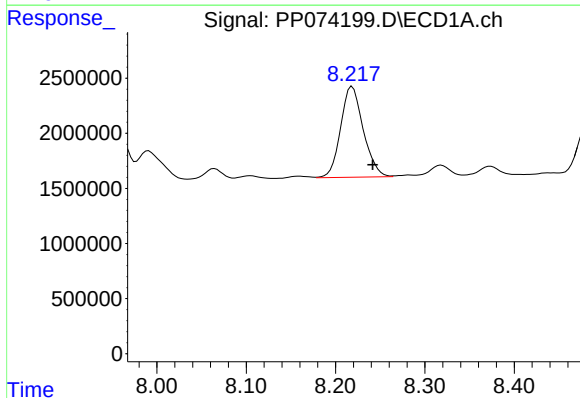
R.T.: 7.991 min
Delta R.T.: -0.023 min
Response: 4844847
Conc: 90.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



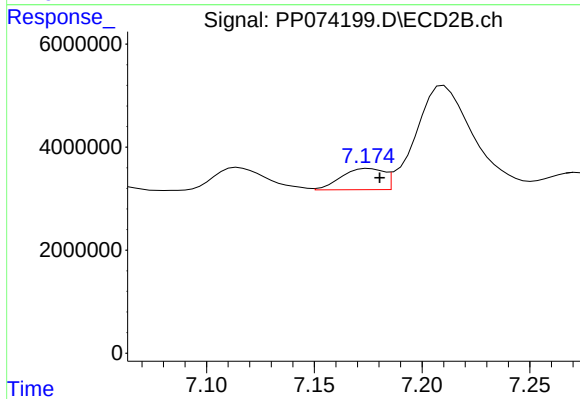
#33 AR-1260-3

R.T.: 6.944 min
Delta R.T.: 0.023 min
Response: 25122989
Conc: 63.74 ng/ml



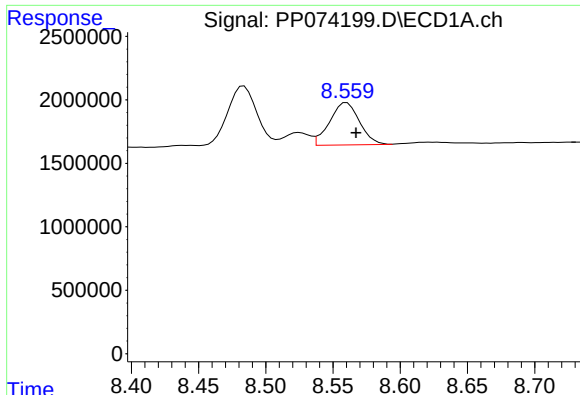
#34 AR-1260-4

R.T.: 8.219 min
Delta R.T.: -0.023 min
Response: 14487782
Conc: 231.38 ng/ml



#34 AR-1260-4

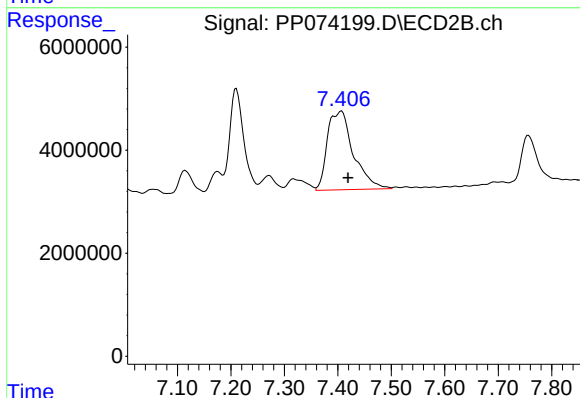
R.T.: 7.175 min
Delta R.T.: -0.005 min
Response: 5653722
Conc: 19.43 ng/ml



#35 AR-1260-5

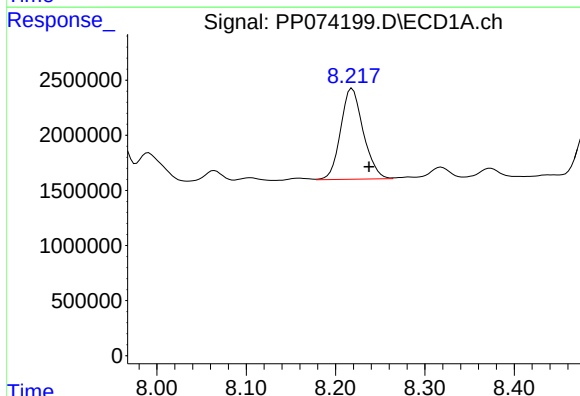
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 5145410
Conc: 45.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



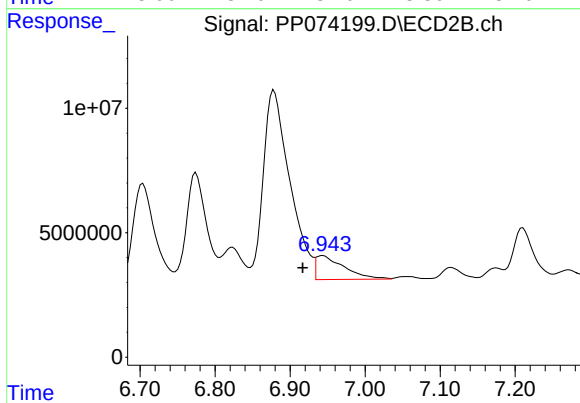
#35 AR-1260-5

R.T.: 7.407 min
Delta R.T.: -0.012 min
Response: 51502946
Conc: 68.00 ng/ml



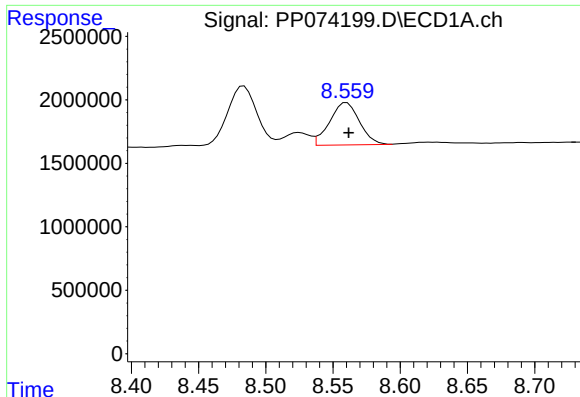
#36 AR-1262-1

R.T.: 8.219 min
Delta R.T.: -0.019 min
Response: 14487782
Conc: 191.16 ng/ml



#36 AR-1262-1

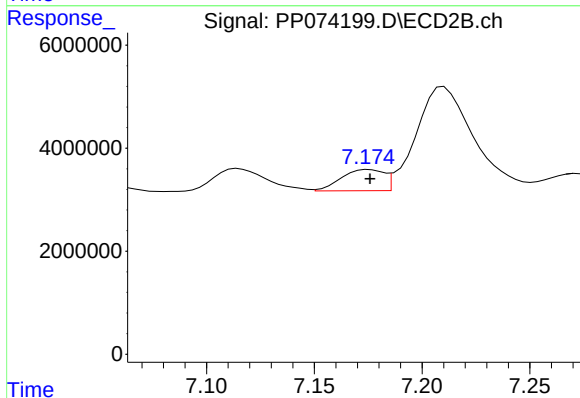
R.T.: 6.944 min
Delta R.T.: 0.027 min
Response: 25122989
Conc: 44.61 ng/ml



#37 AR-1262-2

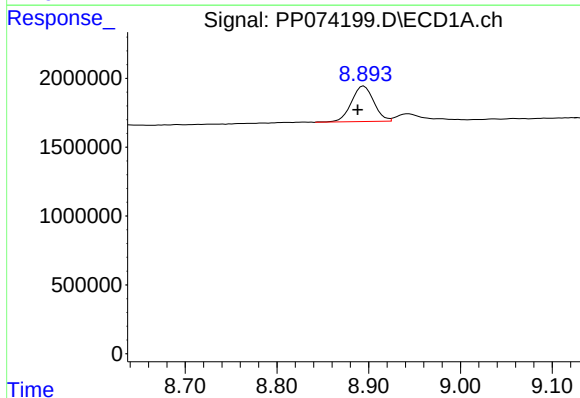
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 5145410
Conc: 39.45 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



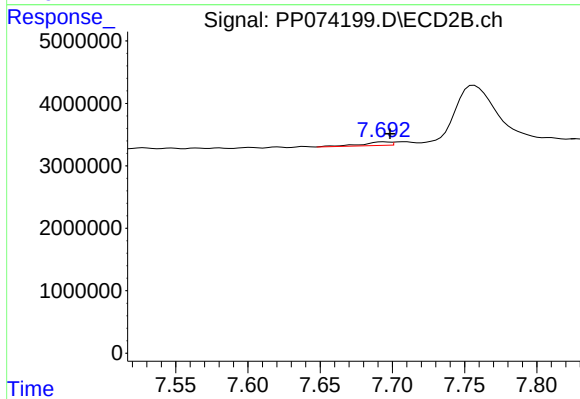
#37 AR-1262-2

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 5653722
Conc: 14.10 ng/ml



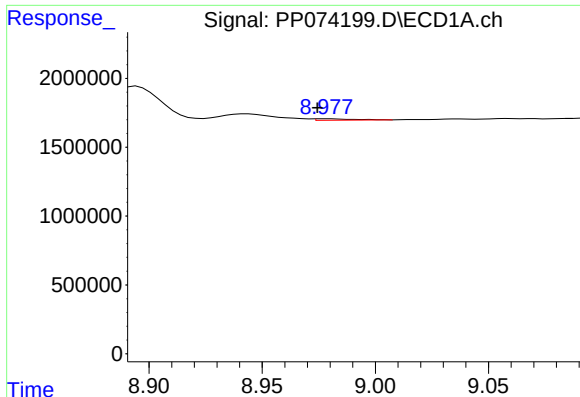
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.007 min
Response: 4365480
Conc: 46.41 ng/ml



#38 AR-1262-3

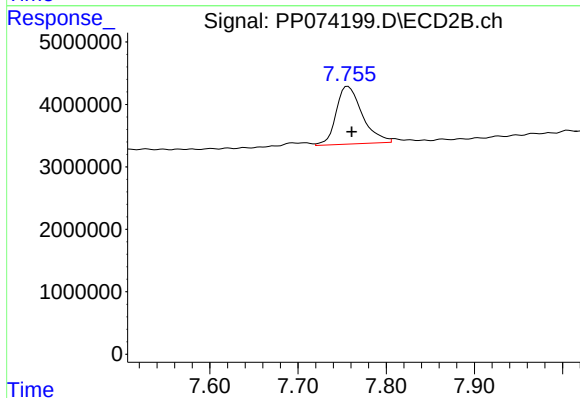
R.T.: 7.694 min
Delta R.T.: -0.005 min
Response: 772104
Conc: 2.15 ng/ml



#39 AR-1262-4

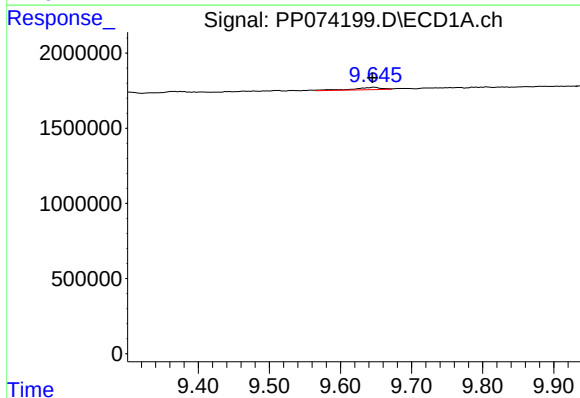
R.T.: 8.979 min
Delta R.T.: 0.004 min
Response: 118980
Conc: 1.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



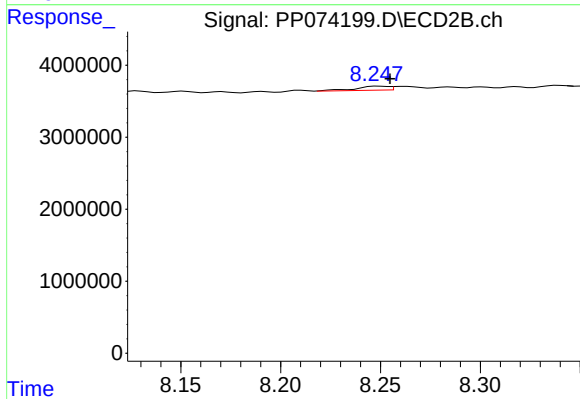
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 19007753
Conc: 28.50 ng/ml



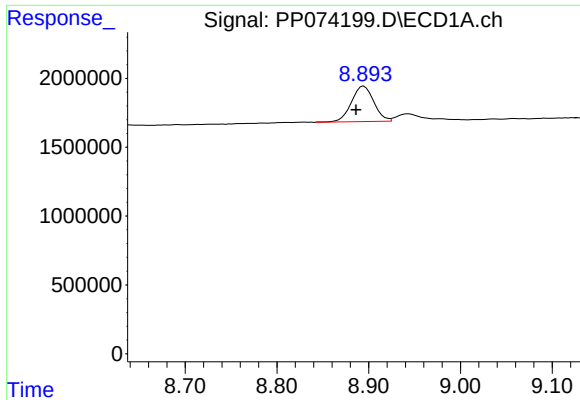
#40 AR-1262-5

R.T.: 9.647 min
Delta R.T.: 0.003 min
Response: 418724
Conc: 8.22 ng/ml



#40 AR-1262-5

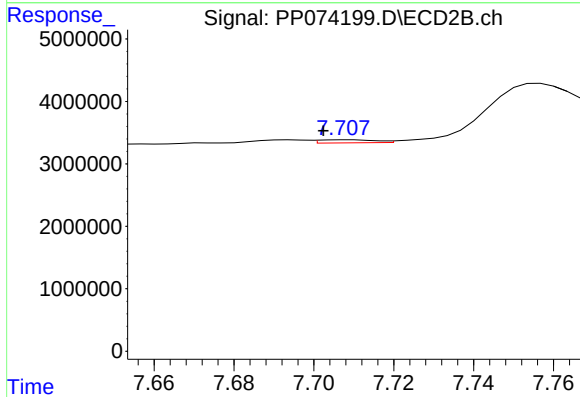
R.T.: 8.249 min
Delta R.T.: -0.006 min
Response: 666817
Conc: 2.35 ng/ml



#41 AR-1268-1

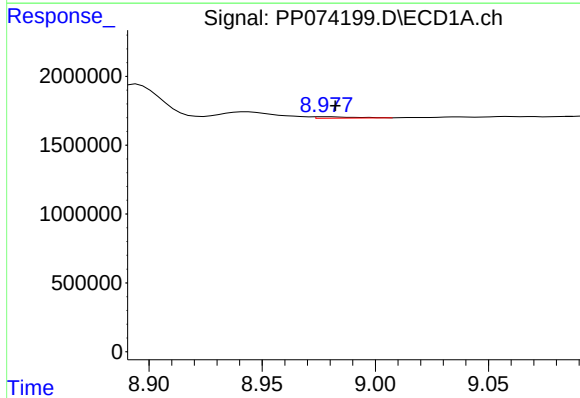
R.T.: 8.895 min
Delta R.T.: 0.008 min
Response: 4365480
Conc: 28.05 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



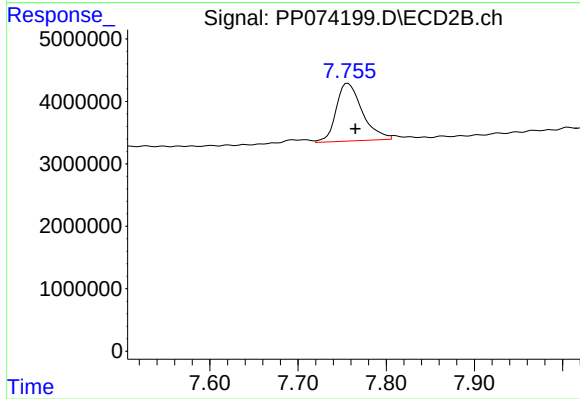
#41 AR-1268-1

R.T.: 7.709 min
Delta R.T.: 0.007 min
Response: 477278
Conc: 0.44 ng/ml



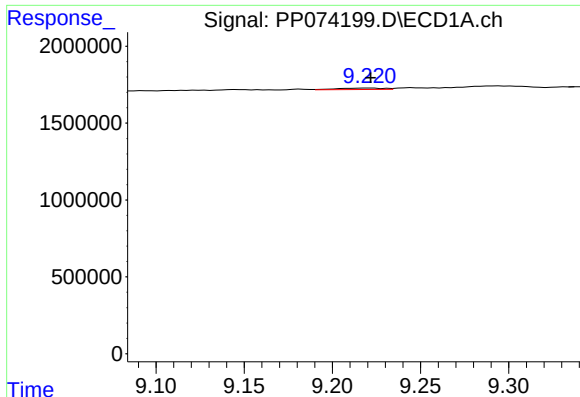
#42 AR-1268-2

R.T.: 8.979 min
Delta R.T.: -0.003 min
Response: 118980
Conc: 0.83 ng/ml



#42 AR-1268-2

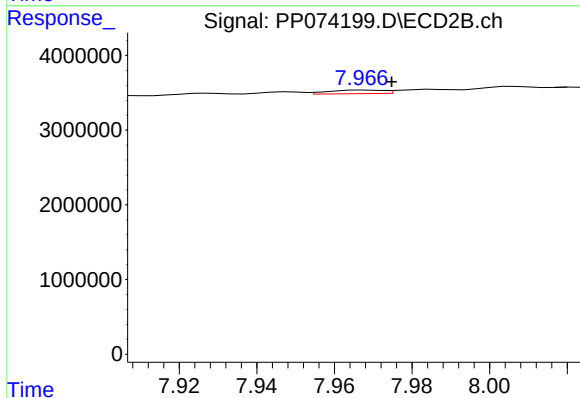
R.T.: 7.757 min
Delta R.T.: -0.009 min
Response: 19007753
Conc: 17.91 ng/ml



#43 AR-1268-3

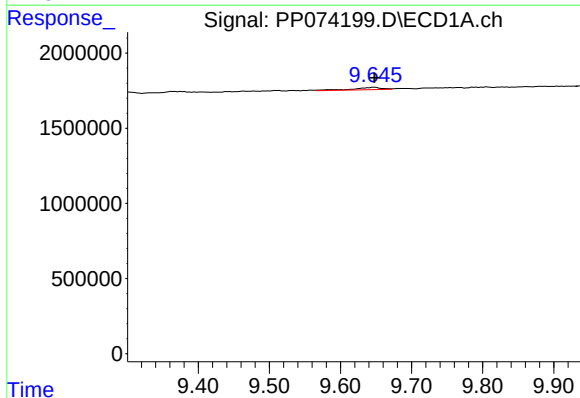
R.T.: 9.221 min
Delta R.T.: 0.000 min
Response: 168840
Conc: 1.41 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



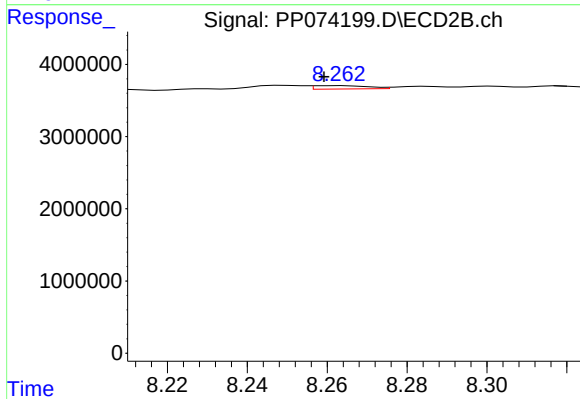
#43 AR-1268-3

R.T.: 7.968 min
Delta R.T.: -0.007 min
Response: 472836
Conc: 0.57 ng/ml



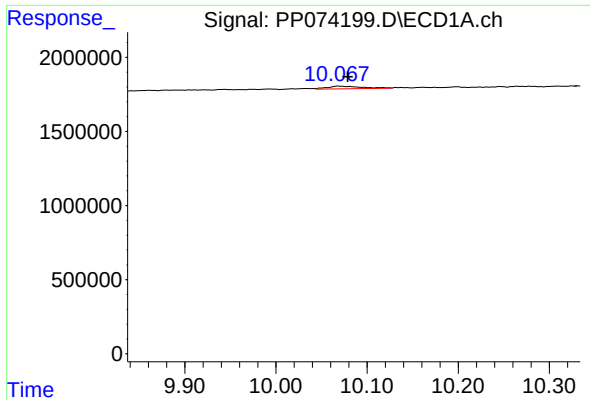
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: 0.000 min
Response: 418724
Conc: 7.12 ng/ml



#44 AR-1268-4

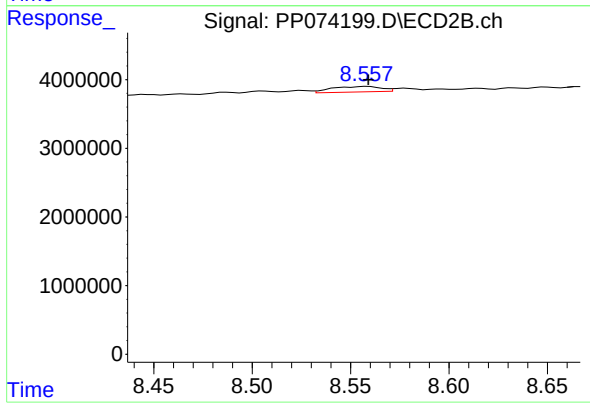
R.T.: 8.263 min
Delta R.T.: 0.004 min
Response: 437922
Conc: 1.42 ng/ml



#45 AR-1268-5

R.T.: 10.069 min
Delta R.T.: -0.009 min
Response: 442219
Conc: 1.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
ICVPP080125AR1254



#45 AR-1268-5

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 1401468
Conc: 0.55 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP\AJ
Sample : PB169282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169282BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.801	26629086	88175400	23.812	22.996
2)	SA Decachlor...	10.433	8.814	21047406	122.5E6	21.672	20.363
Target Compounds							
3)	L1 AR-1016-1	5.808	4.899	22442183	237.8E6	543.963	596.237
4)	L1 AR-1016-2	5.829	4.957	33535445	112.5E6	552.099	598.871
5)	L1 AR-1016-3	5.892	5.078	21632018	59814722	545.430	563.919
6)	L1 AR-1016-4	5.989	5.118	18140251	64198753	557.399	587.793
7)	L1 AR-1016-5	6.282	5.332	17700671	66370199	545.172	567.445
8)	L2 AR-1221-1	4.852	4.010	2632939	7172054	157.063	146.114
9)	L2 AR-1221-2	4.942	4.098	3207634	8558301	254.553	238.464
10)	L2 AR-1221-3	5.017	4.174	13164027	44490078	359.327	329.009
11)	L3 AR-1232-1	5.017	4.174	13164027	44490078	453.349	438.921
12)	L3 AR-1232-2	5.543	4.899	17405379	237.8E6	1157.064	1364.759
13)	L3 AR-1232-3	5.829	5.078	33535445	59814722	1156.327	1305.525
14)	L3 AR-1232-4	5.989	5.160	18140251	111.9E6	1172.697	1929.630 #
15)	L3 AR-1232-5	6.079	5.332	15945532	66370199	1361.003	1412.750
16)	L4 AR-1242-1	5.808	4.899	22442183	237.8E6	602.219	689.085
17)	L4 AR-1242-2	5.829	4.957	33535445	112.5E6	616.359	688.426
18)	L4 AR-1242-3	5.892	5.078	21632018	59814722	605.331	648.408
19)	L4 AR-1242-4	5.989	5.160	18140251	111.9E6	620.845	937.345 #
20)	L4 AR-1242-5	6.718	5.682	4338267	78892410	122.005	527.497 #
21)	L5 AR-1248-1	5.808	4.899	22442183	237.8E6	801.091	1111.716 #
22)	L5 AR-1248-2	6.079	5.118	15945532	64198753	396.053	438.778
23)	L5 AR-1248-3	6.282	5.160	17700671	111.9E6	397.111	652.859 #
24)	L5 AR-1248-4	6.656	5.332	17646928	66370199	339.122	398.923
25)	L5 AR-1248-5	6.718	5.682	4338267	78892410	76.186	271.140 #
26)	L6 AR-1254-1	6.656	5.682	17646928	78892410	335.231	215.446 #
27)	L6 AR-1254-2	6.871	5.829	15451170	68760267	194.343	247.146 #
28)	L6 AR-1254-3	7.234	6.247	9588254	137.1E6	109.811	280.208 #
29)	L6 AR-1254-4	7.516	6.457	7046880	8317465	110.436	22.629 #
30)	L6 AR-1254-5	7.931	6.875	49529621	199.0E6	610.386	516.772
31)	L7 AR-1260-1	7.399	6.548	32112260	238.6E6	569.810	590.593
32)	L7 AR-1260-2	7.652	6.703	36719698	179.2E6	538.788	573.117
33)	L7 AR-1260-3	8.010	6.911	24800620	209.1E6	465.338	530.659
34)	L7 AR-1260-4	8.237	7.171	35991323	153.3E6	574.804	526.691
35)	L7 AR-1260-5	8.563	7.411	50159532	395.2E6	442.695	521.788
36)	L8 AR-1262-1	8.237	6.911	35991323	209.1E6	474.884	371.385
37)	L8 AR-1262-2	8.563	7.171	50159532	153.3E6	384.570	382.163
38)	L8 AR-1262-3	8.896	7.694	35044712	71498643	372.535	198.900 #
39)	L8 AR-1262-4	8.963	7.757	20892940	256.7E6	286.787	384.969 #
40)	L8 AR-1262-5	9.648	8.252	14321686	75516101	281.244	266.589
41)	L9 AR-1268-1	8.896	7.694	35044712	71498643	225.176	65.579 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP\AJ
Sample : PB169282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169282BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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
42)	L9 AR-1268-2	8.963	7.757	20892940	256.7E6	145.671	241.909 #
43)	L9 AR-1268-3	9.220	7.964	1212261	5778900	10.147	6.946 #
44)	L9 AR-1268-4	9.648	8.252	14321686	75516101	243.514	245.135
45)	L9 AR-1268-5	10.078	8.550	4854183	22197854	13.802	8.705 #

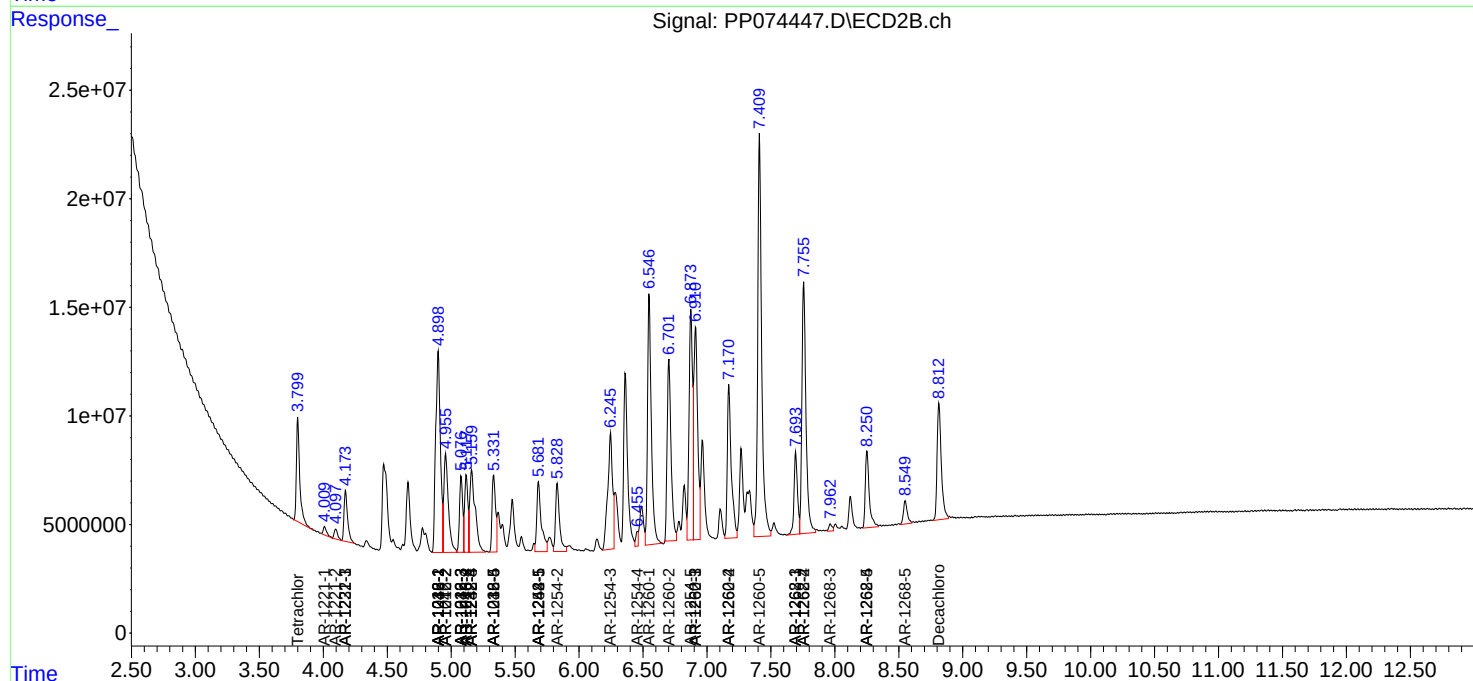
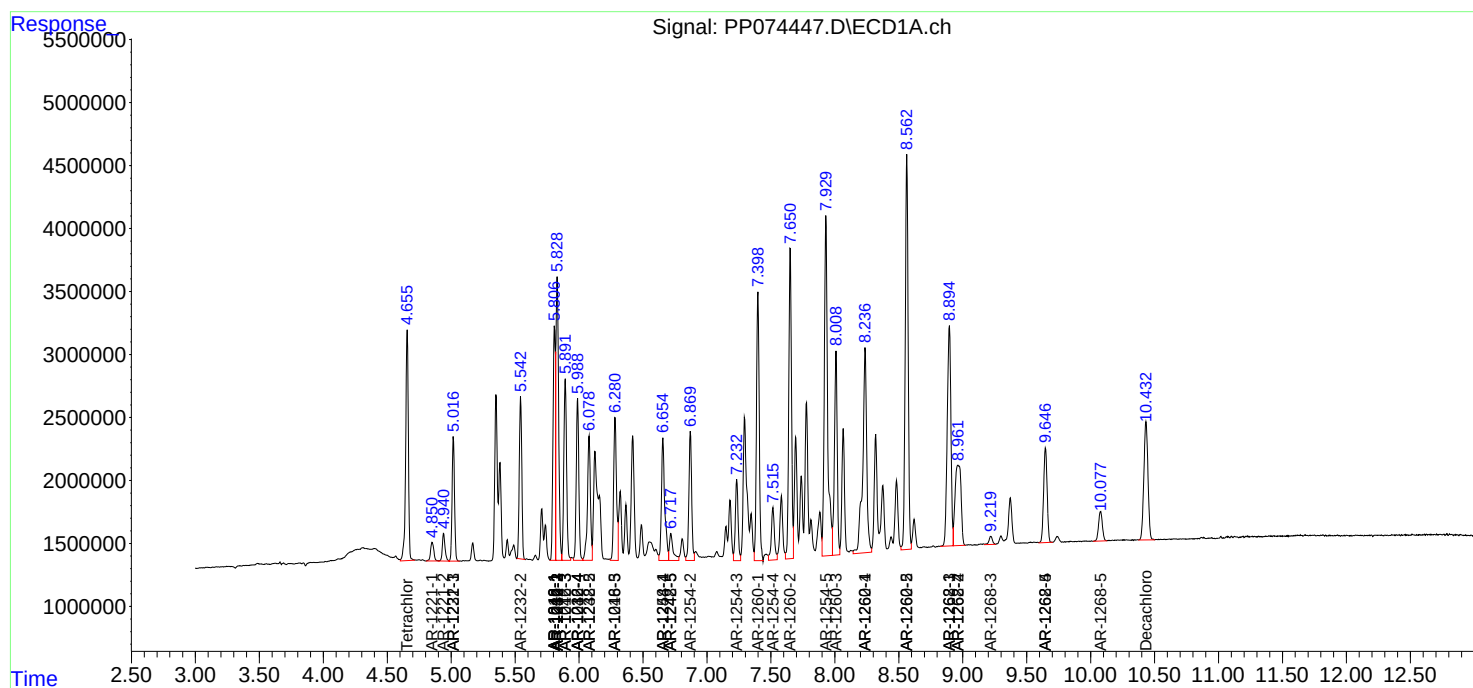
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

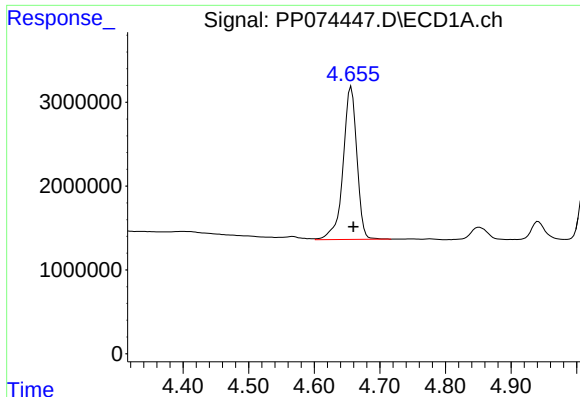
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074447.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 12:20
Operator : YP\AJ
Sample : PB169282BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PB169282BS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 18 13:04:15 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

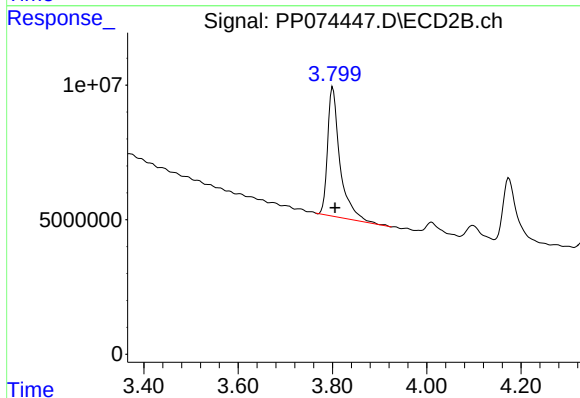




#1 Tetrachloro-m-xylene

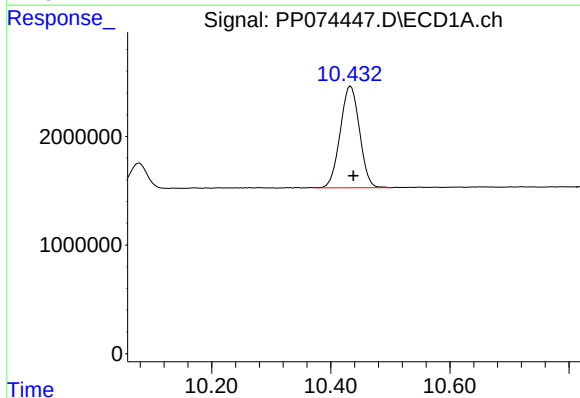
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 26629086
Conc: 23.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



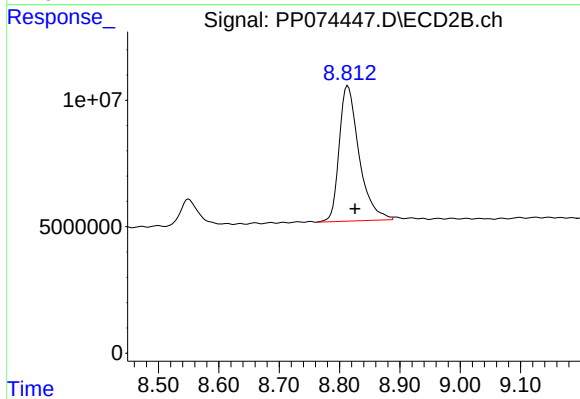
#1 Tetrachloro-m-xylene

R.T.: 3.801 min
Delta R.T.: -0.005 min
Response: 88175400
Conc: 23.00 ng/ml



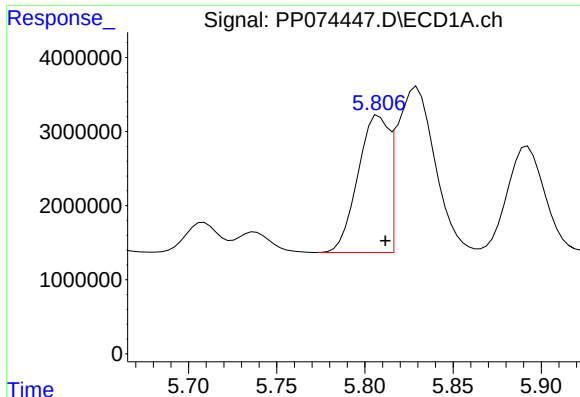
#2 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: -0.005 min
Response: 21047406
Conc: 21.67 ng/ml



#2 Decachlorobiphenyl

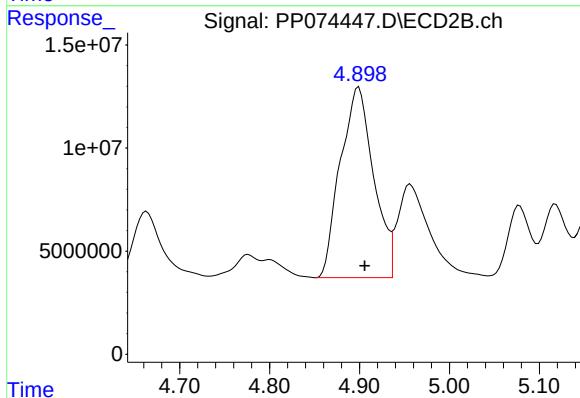
R.T.: 8.814 min
Delta R.T.: -0.012 min
Response: 122457043
Conc: 20.36 ng/ml



#3 AR-1016-1

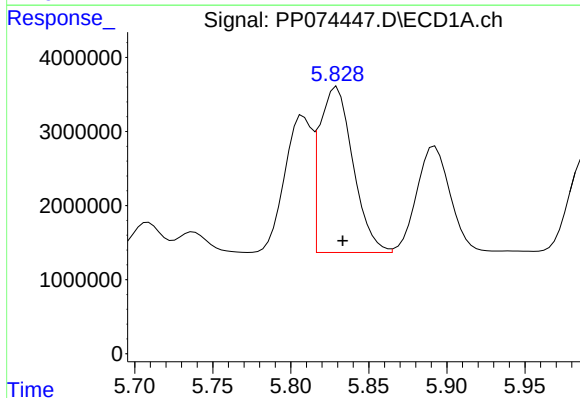
R.T.: 5.808 min
Delta R.T.: -0.004 min
Response: 22442183
Conc: 543.96 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



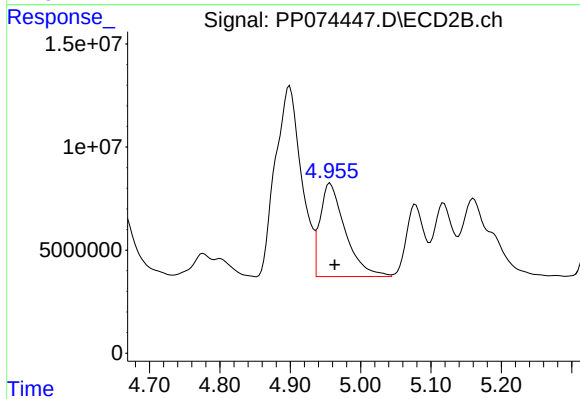
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.006 min
Response: 237831369
Conc: 596.24 ng/ml



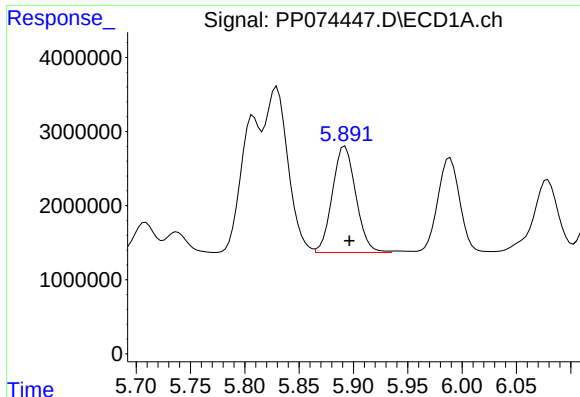
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 33535445
Conc: 552.10 ng/ml



#4 AR-1016-2

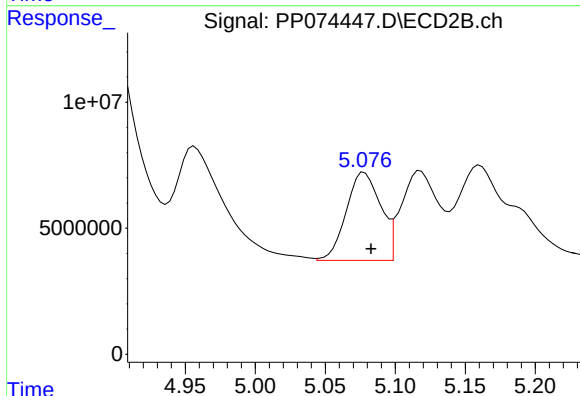
R.T.: 4.957 min
Delta R.T.: -0.007 min
Response: 112473439
Conc: 598.87 ng/ml



#5 AR-1016-3

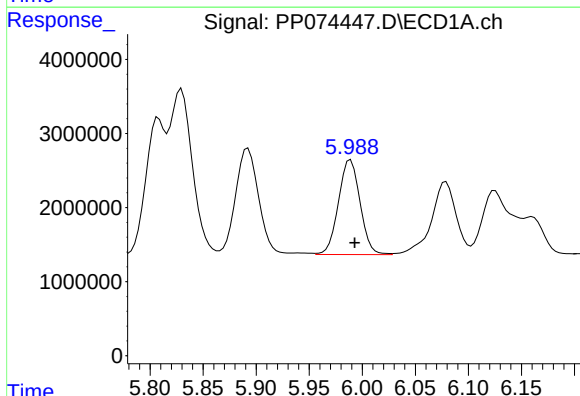
R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21632018
Conc: 545.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



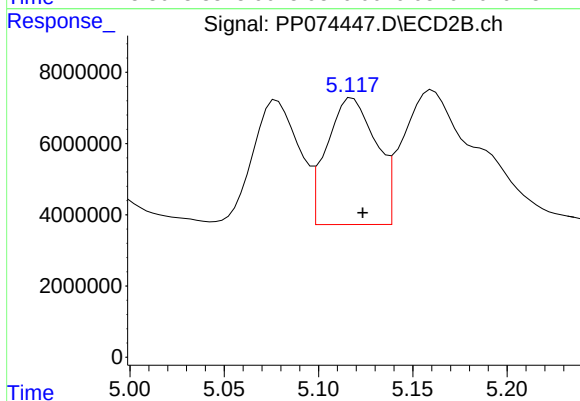
#5 AR-1016-3

R.T.: 5.078 min
Delta R.T.: -0.005 min
Response: 59814722
Conc: 563.92 ng/ml



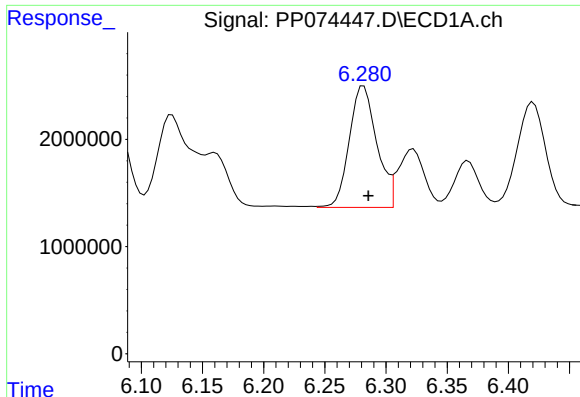
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 18140251
Conc: 557.40 ng/ml



#6 AR-1016-4

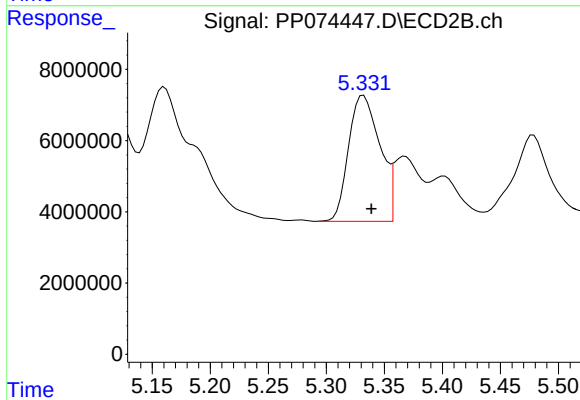
R.T.: 5.118 min
Delta R.T.: -0.005 min
Response: 64198753
Conc: 587.79 ng/ml



#7 AR-1016-5

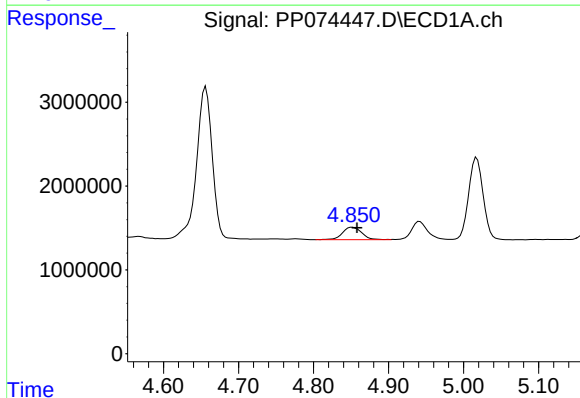
R.T.: 6.282 min
Delta R.T.: -0.004 min
Response: 17700671
Conc: 545.17 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



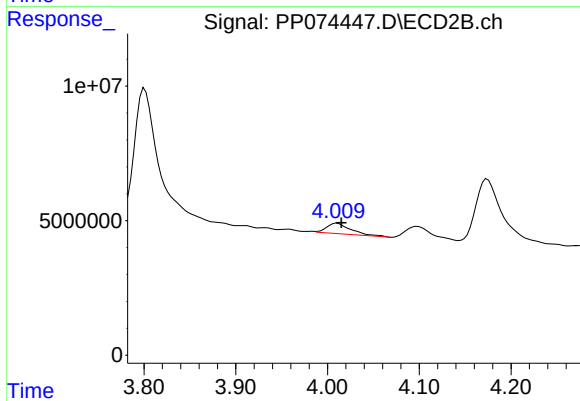
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 66370199
Conc: 567.44 ng/ml



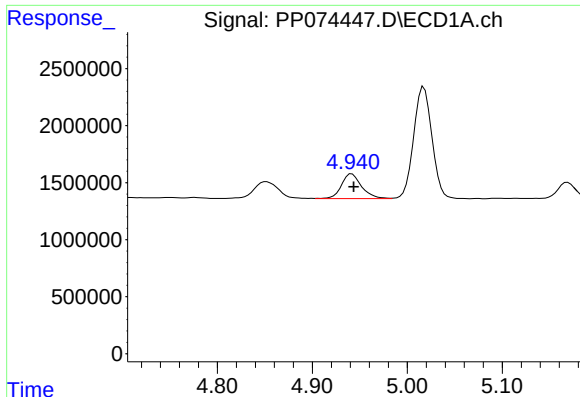
#8 AR-1221-1

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 2632939
Conc: 157.06 ng/ml



#8 AR-1221-1

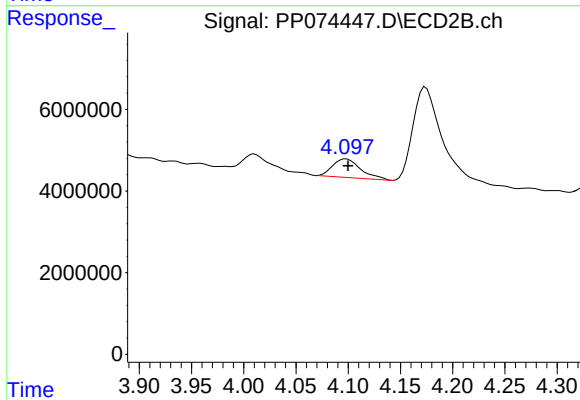
R.T.: 4.010 min
Delta R.T.: -0.005 min
Response: 7172054
Conc: 146.11 ng/ml



#9 AR-1221-2

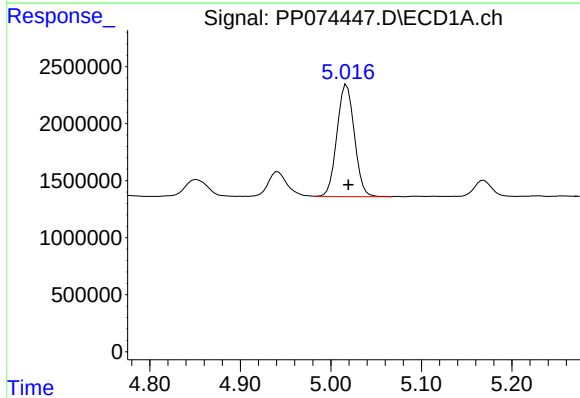
R.T.: 4.942 min
Delta R.T.: -0.002 min
Response: 3207634
Conc: 254.55 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



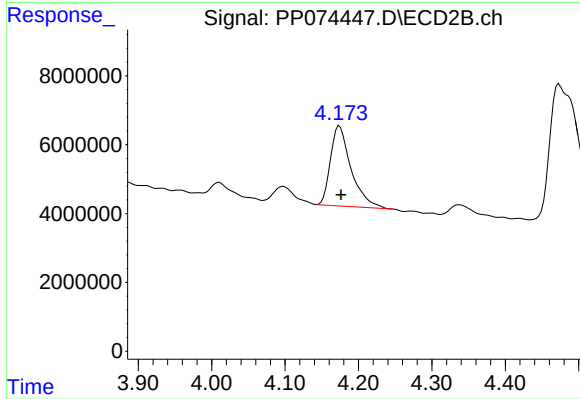
#9 AR-1221-2

R.T.: 4.098 min
Delta R.T.: -0.002 min
Response: 8558301
Conc: 238.46 ng/ml



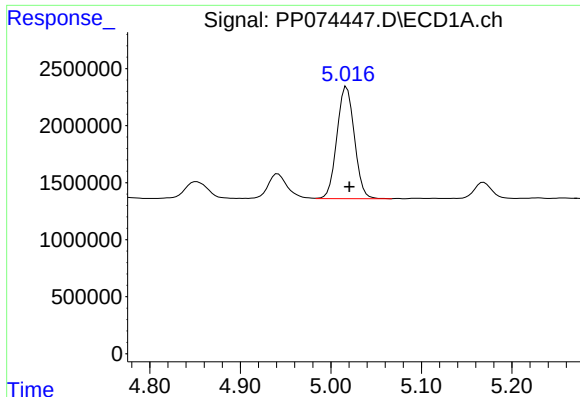
#10 AR-1221-3

R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 13164027
Conc: 359.33 ng/ml



#10 AR-1221-3

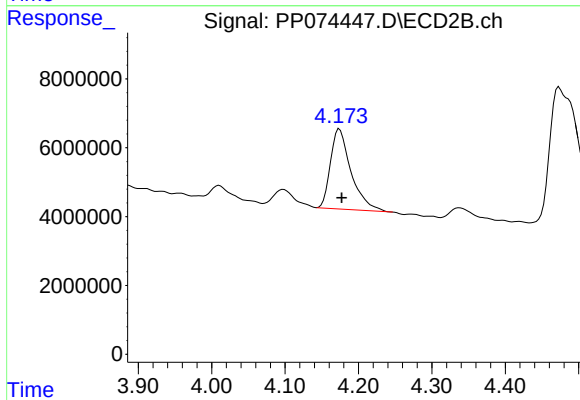
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 44490078
Conc: 329.01 ng/ml



#11 AR-1232-1

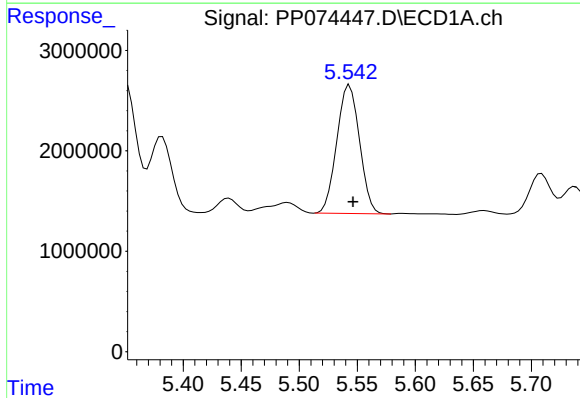
R.T.: 5.017 min
Delta R.T.: -0.003 min
Response: 13164027
Conc: 453.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



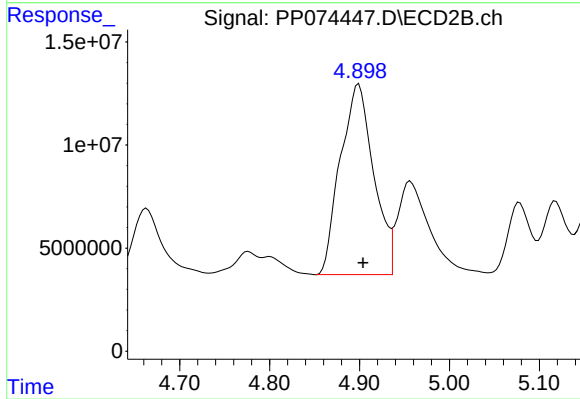
#11 AR-1232-1

R.T.: 4.174 min
Delta R.T.: -0.003 min
Response: 44490078
Conc: 438.92 ng/ml



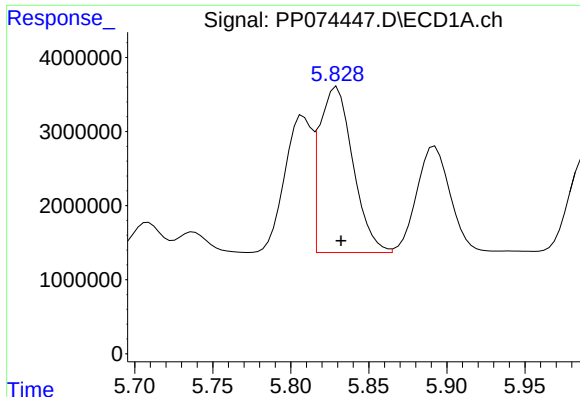
#12 AR-1232-2

R.T.: 5.543 min
Delta R.T.: -0.003 min
Response: 17405379
Conc: 1157.06 ng/ml



#12 AR-1232-2

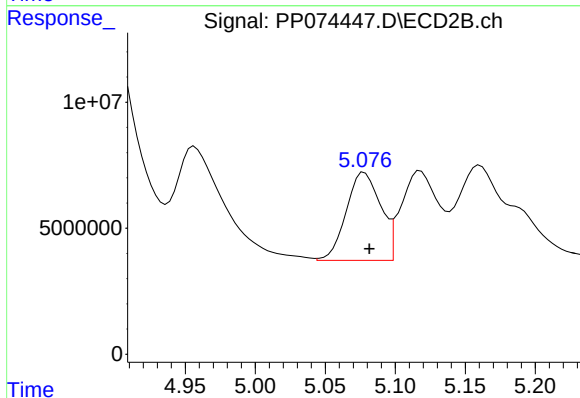
R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 237831369
Conc: 1364.76 ng/ml



#13 AR-1232-3

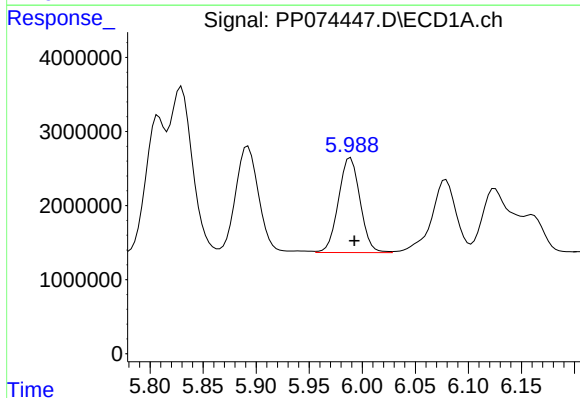
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 33535445
Conc: 1156.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



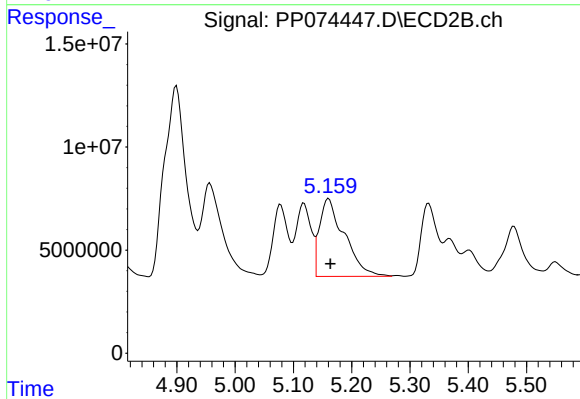
#13 AR-1232-3

R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 59814722
Conc: 1305.52 ng/ml



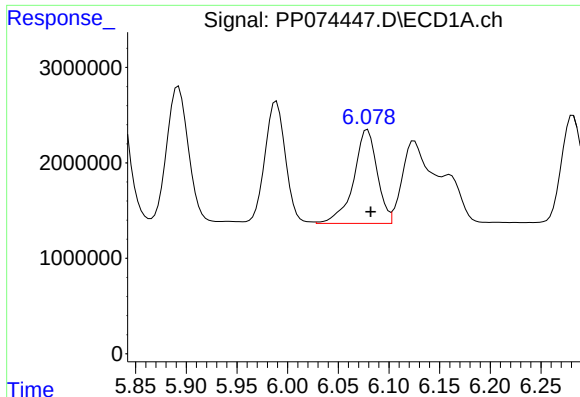
#14 AR-1232-4

R.T.: 5.989 min
Delta R.T.: -0.003 min
Response: 18140251
Conc: 1172.70 ng/ml



#14 AR-1232-4

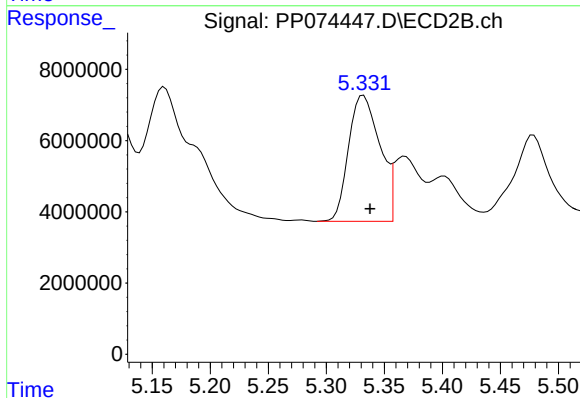
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 111939229
Conc: 1929.63 ng/ml



#15 AR-1232-5

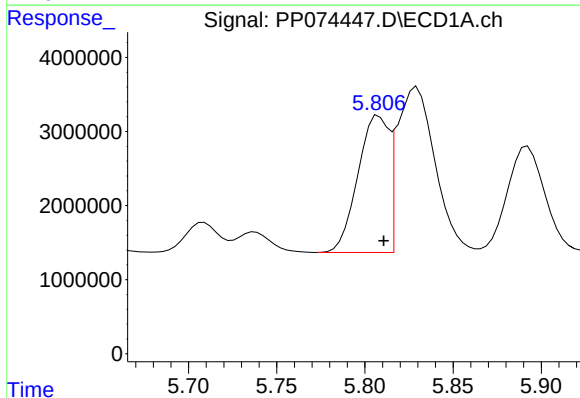
R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 15945532
Conc: 1361.00 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



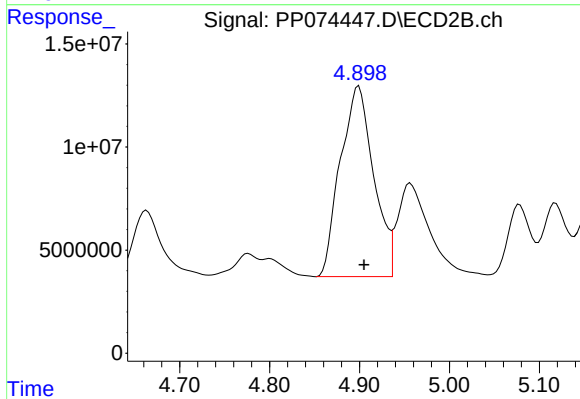
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 66370199
Conc: 1412.75 ng/ml



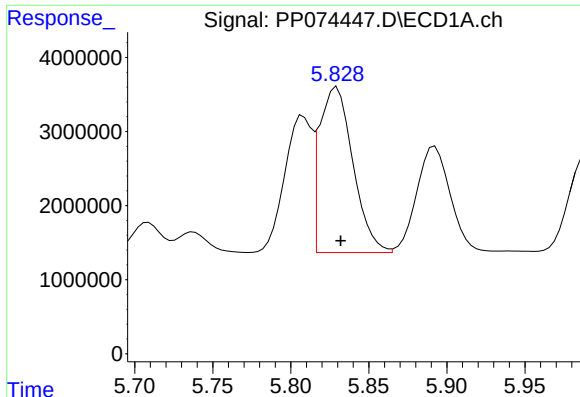
#16 AR-1242-1

R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 22442183
Conc: 602.22 ng/ml



#16 AR-1242-1

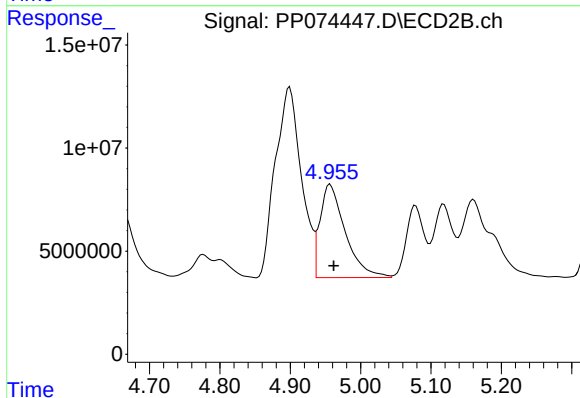
R.T.: 4.899 min
Delta R.T.: -0.006 min
Response: 237831369
Conc: 689.09 ng/ml



#17 AR-1242-2

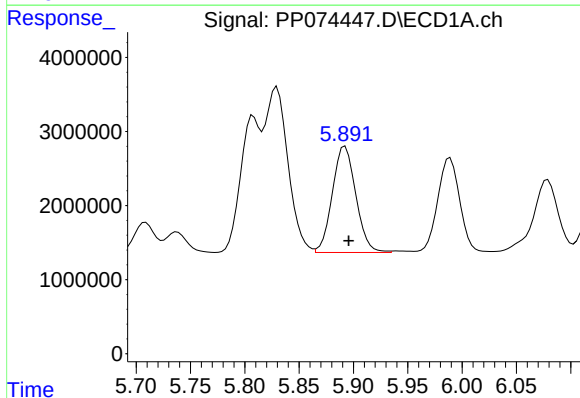
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 33535445
Conc: 616.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



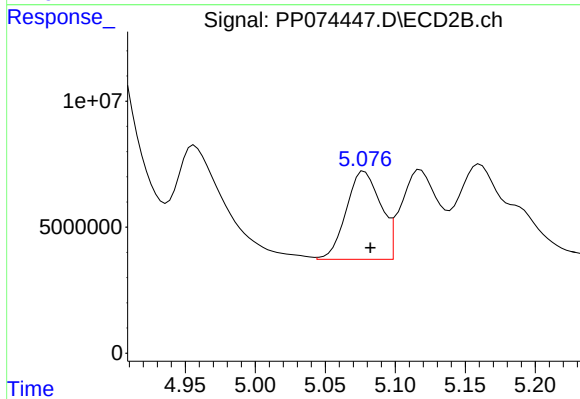
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 112473439
Conc: 688.43 ng/ml



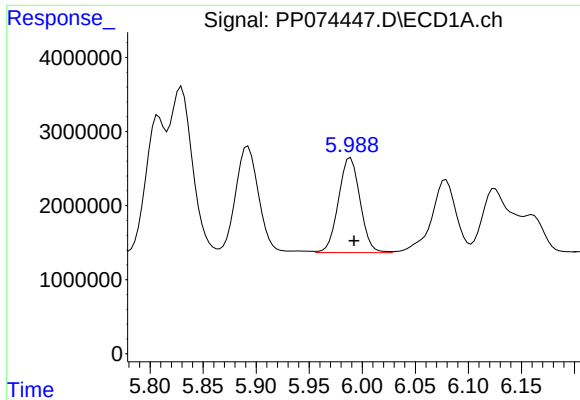
#18 AR-1242-3

R.T.: 5.892 min
Delta R.T.: -0.003 min
Response: 21632018
Conc: 605.33 ng/ml



#18 AR-1242-3

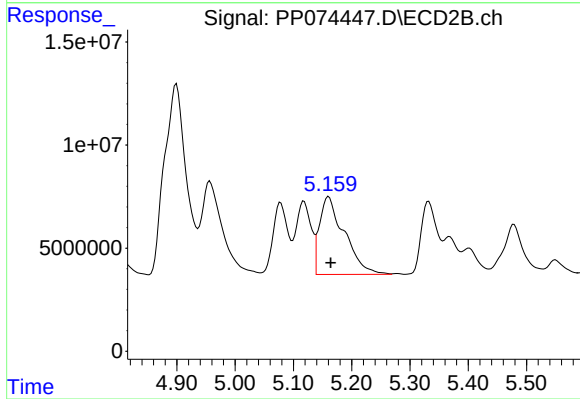
R.T.: 5.078 min
Delta R.T.: -0.004 min
Response: 59814722
Conc: 648.41 ng/ml



#19 AR-1242-4

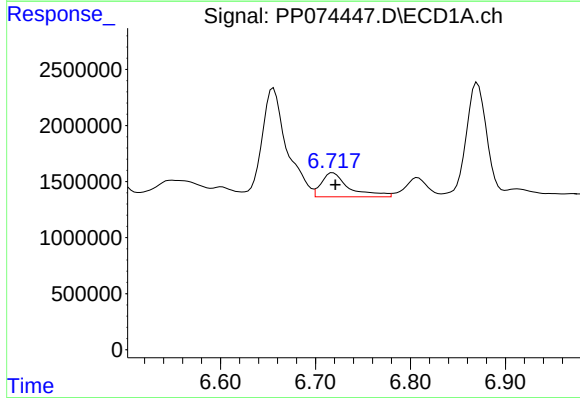
R.T.: 5.989 min
Delta R.T.: -0.003 min
Response: 18140251
Conc: 620.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



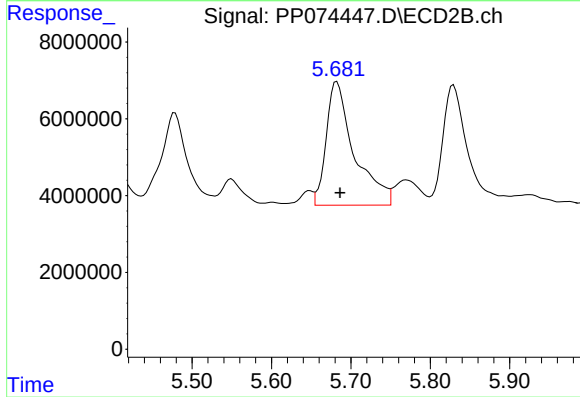
#19 AR-1242-4

R.T.: 5.160 min
Delta R.T.: -0.004 min
Response: 111939229
Conc: 937.34 ng/ml



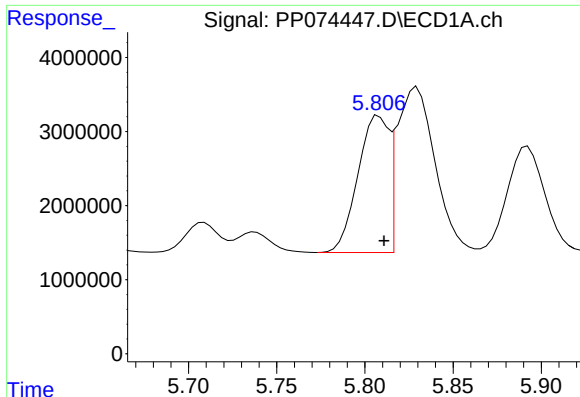
#20 AR-1242-5

R.T.: 6.718 min
Delta R.T.: -0.003 min
Response: 4338267
Conc: 122.01 ng/ml



#20 AR-1242-5

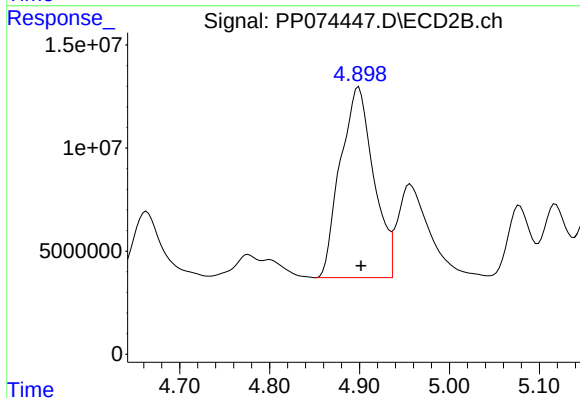
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 78892410
Conc: 527.50 ng/ml



#21 AR-1248-1

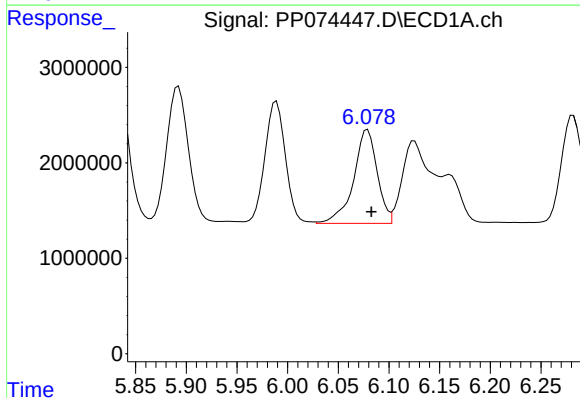
R.T.: 5.808 min
Delta R.T.: -0.003 min
Response: 22442183
Conc: 801.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



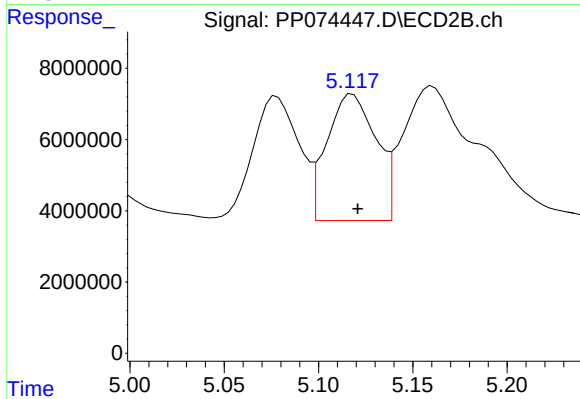
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 237831369
Conc: 1111.72 ng/ml



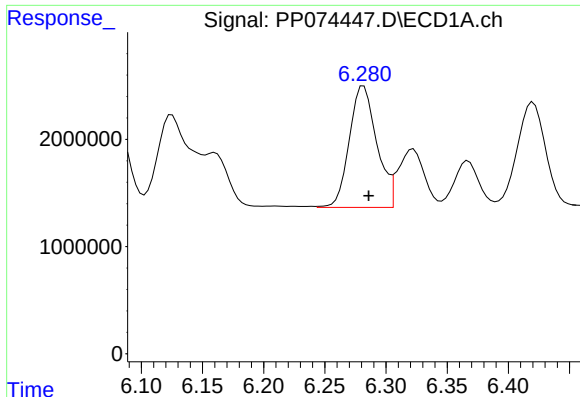
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 15945532
Conc: 396.05 ng/ml



#22 AR-1248-2

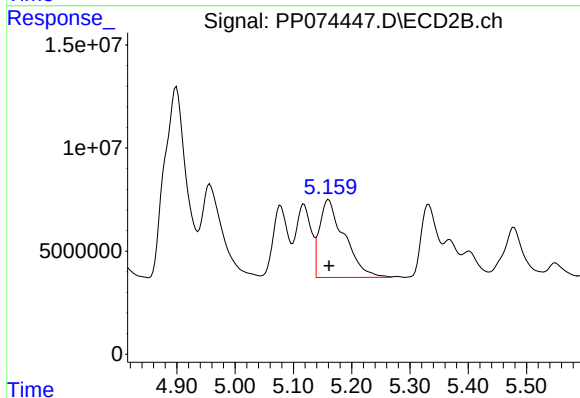
R.T.: 5.118 min
Delta R.T.: -0.003 min
Response: 64198753
Conc: 438.78 ng/ml



#23 AR-1248-3

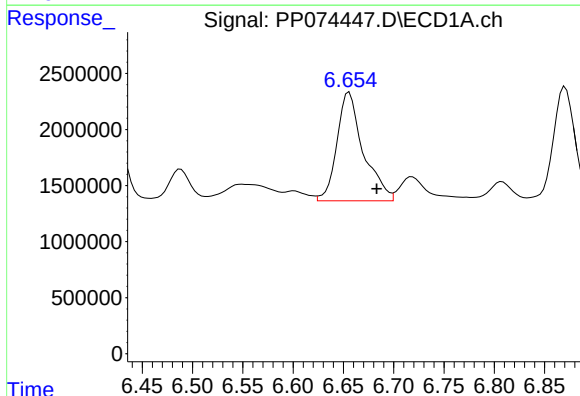
R.T.: 6.282 min
Delta R.T.: -0.004 min
Response: 17700671
Conc: 397.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



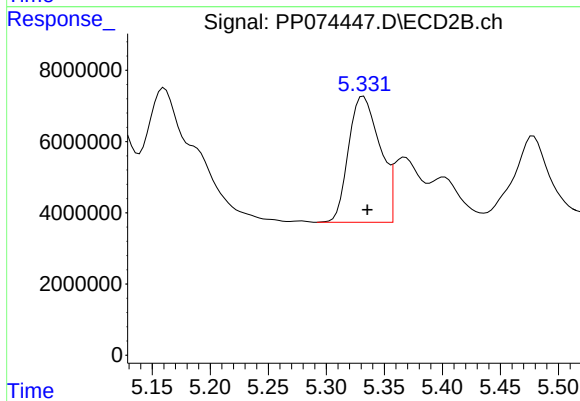
#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: 0.000 min
Response: 111939229
Conc: 652.86 ng/ml



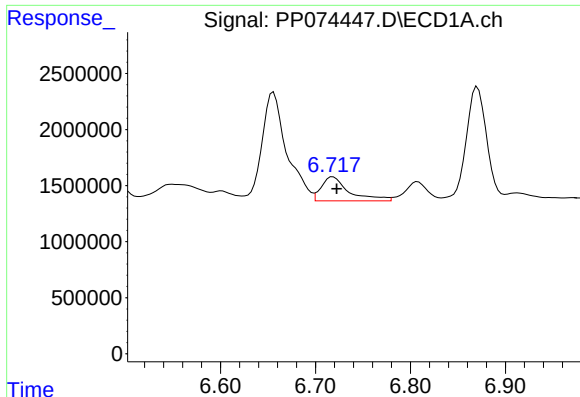
#24 AR-1248-4

R.T.: 6.656 min
Delta R.T.: -0.027 min
Response: 17646928
Conc: 339.12 ng/ml



#24 AR-1248-4

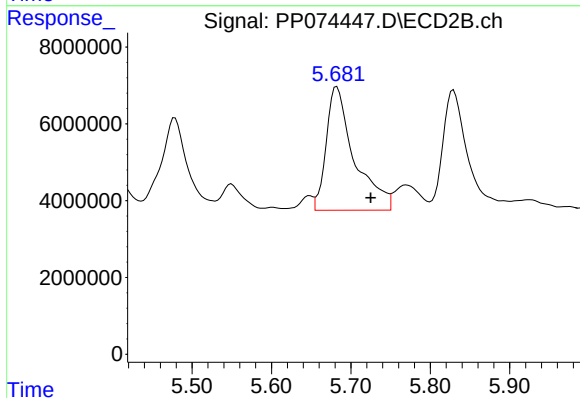
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 66370199
Conc: 398.92 ng/ml



#25 AR-1248-5

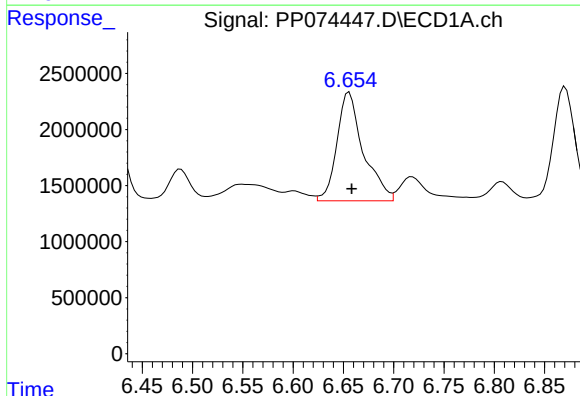
R.T.: 6.718 min
Delta R.T.: -0.004 min
Response: 4338267
Conc: 76.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



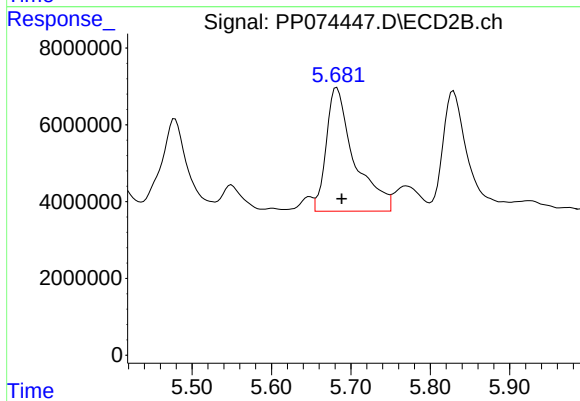
#25 AR-1248-5

R.T.: 5.682 min
Delta R.T.: -0.043 min
Response: 78892410
Conc: 271.14 ng/ml



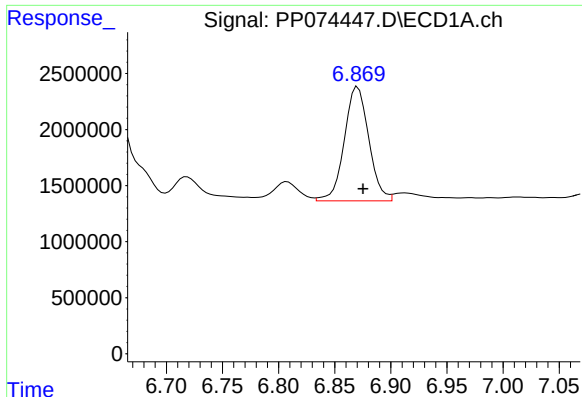
#26 AR-1254-1

R.T.: 6.656 min
Delta R.T.: -0.002 min
Response: 17646928
Conc: 335.23 ng/ml



#26 AR-1254-1

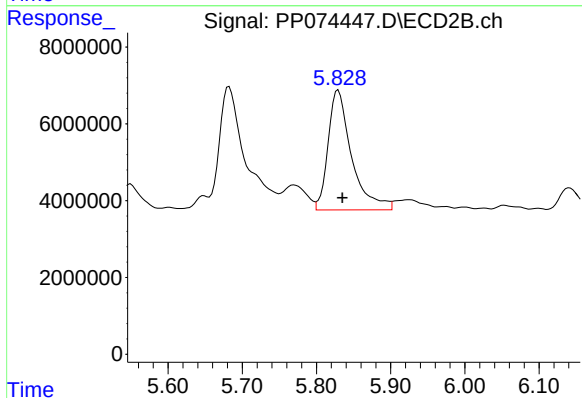
R.T.: 5.682 min
Delta R.T.: -0.006 min
Response: 78892410
Conc: 215.45 ng/ml



#27 AR-1254-2

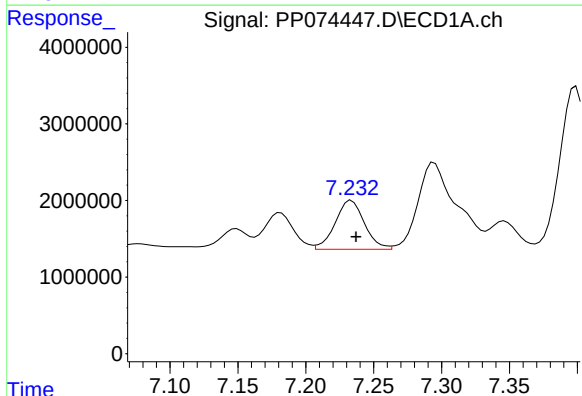
R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 15451170
Conc: 194.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



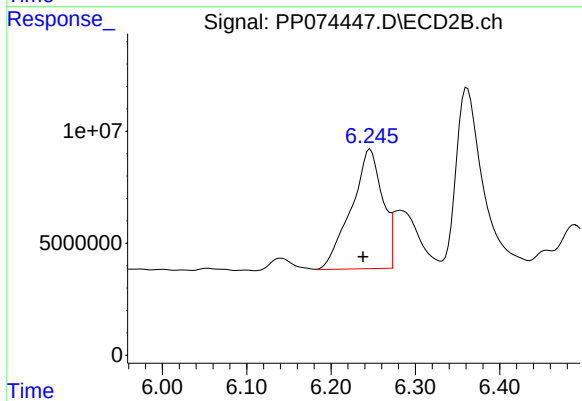
#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.006 min
Response: 68760267
Conc: 247.15 ng/ml



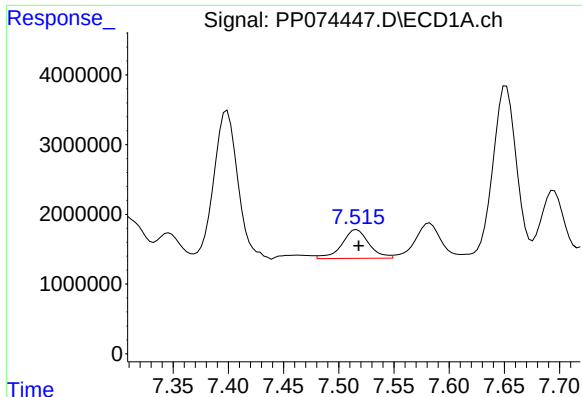
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: -0.003 min
Response: 9588254
Conc: 109.81 ng/ml



#28 AR-1254-3

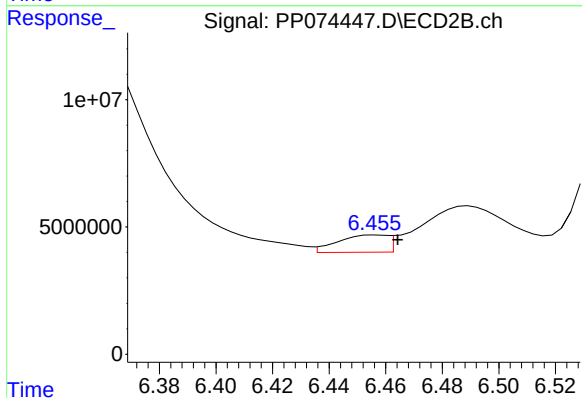
R.T.: 6.247 min
Delta R.T.: 0.008 min
Response: 137080918
Conc: 280.21 ng/ml



#29 AR-1254-4

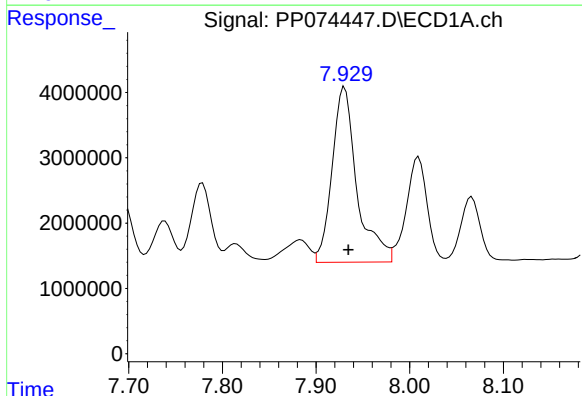
R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 7046880
Conc: 110.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



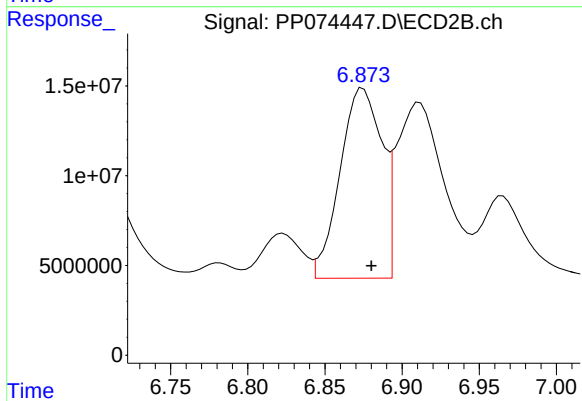
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.008 min
Response: 8317465
Conc: 22.63 ng/ml



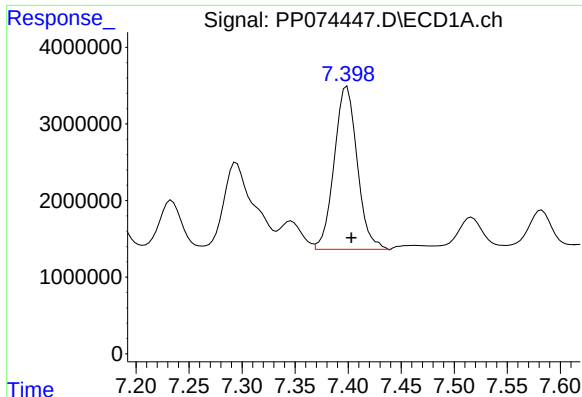
#30 AR-1254-5

R.T.: 7.931 min
Delta R.T.: -0.004 min
Response: 49529621
Conc: 610.39 ng/ml



#30 AR-1254-5

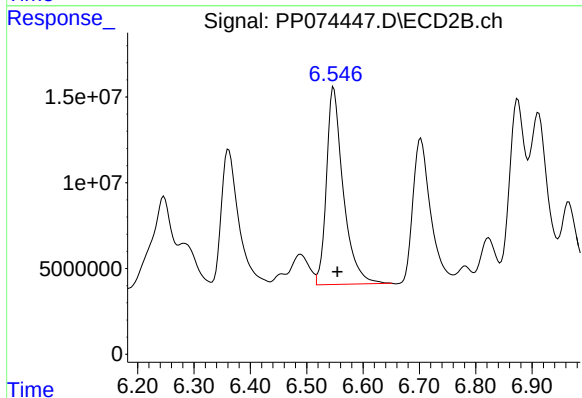
R.T.: 6.875 min
Delta R.T.: -0.005 min
Response: 199043512
Conc: 516.77 ng/ml



#31 AR-1260-1

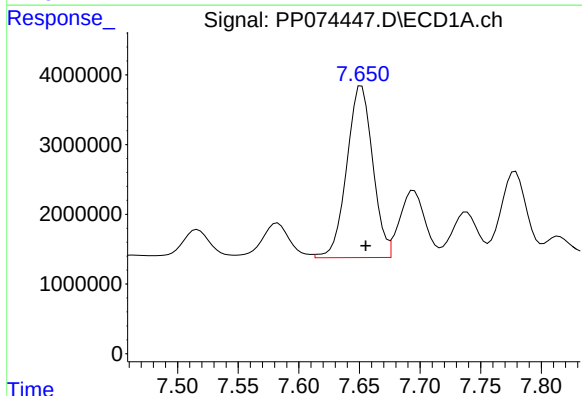
R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 32112260
Conc: 569.81 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



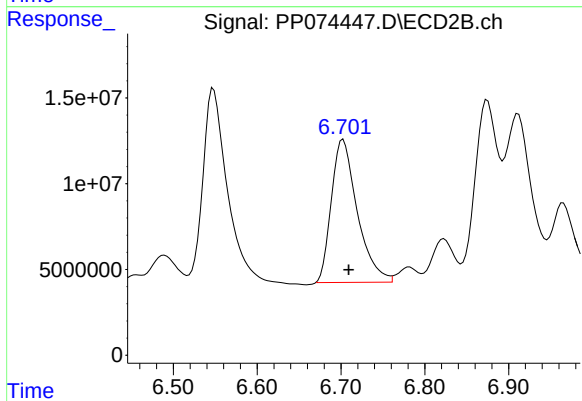
#31 AR-1260-1

R.T.: 6.548 min
Delta R.T.: -0.007 min
Response: 238574286
Conc: 590.59 ng/ml



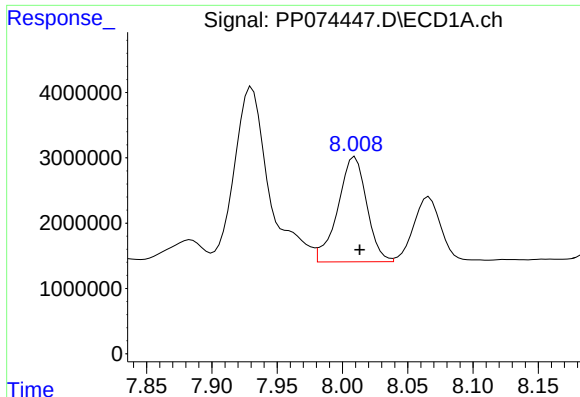
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: -0.004 min
Response: 36719698
Conc: 538.79 ng/ml



#32 AR-1260-2

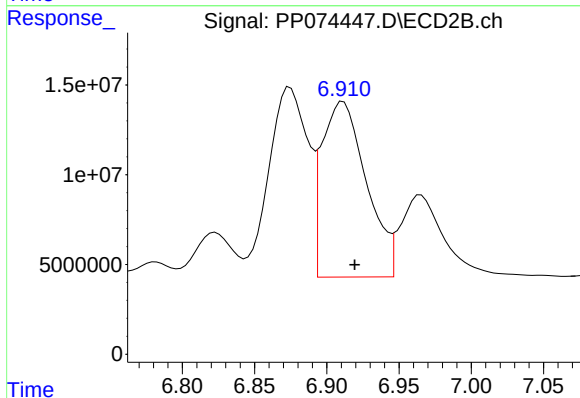
R.T.: 6.703 min
Delta R.T.: -0.007 min
Response: 179212931
Conc: 573.12 ng/ml



#33 AR-1260-3

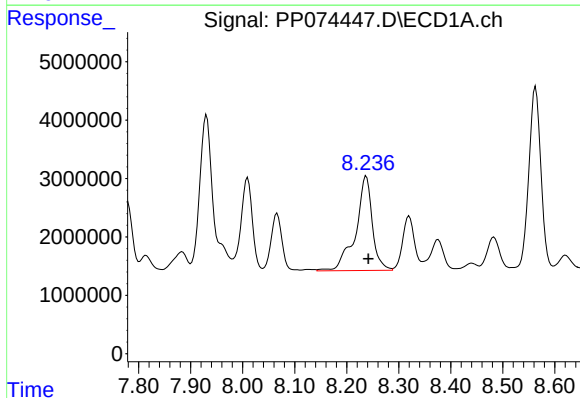
R.T.: 8.010 min
Delta R.T.: -0.004 min
Response: 24800620
Conc: 465.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



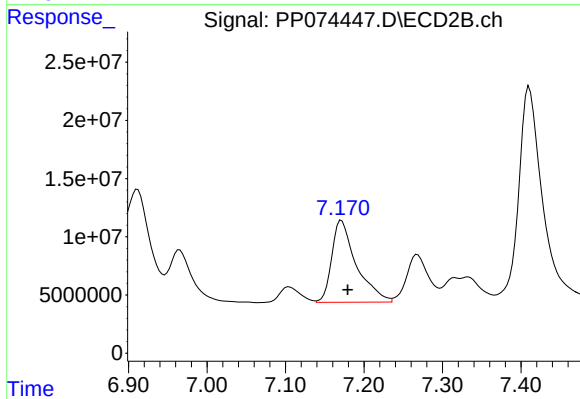
#33 AR-1260-3

R.T.: 6.911 min
Delta R.T.: -0.008 min
Response: 209142428
Conc: 530.66 ng/ml



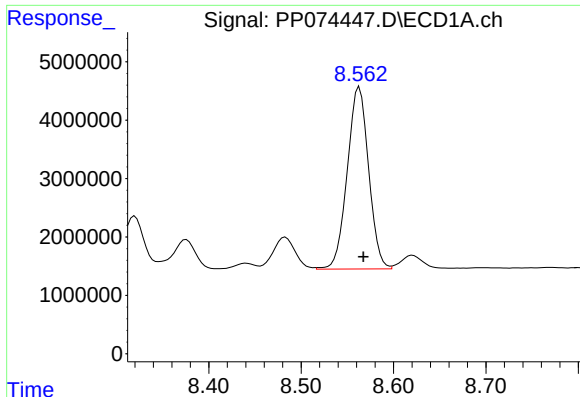
#34 AR-1260-4

R.T.: 8.237 min
Delta R.T.: -0.004 min
Response: 35991323
Conc: 574.80 ng/ml



#34 AR-1260-4

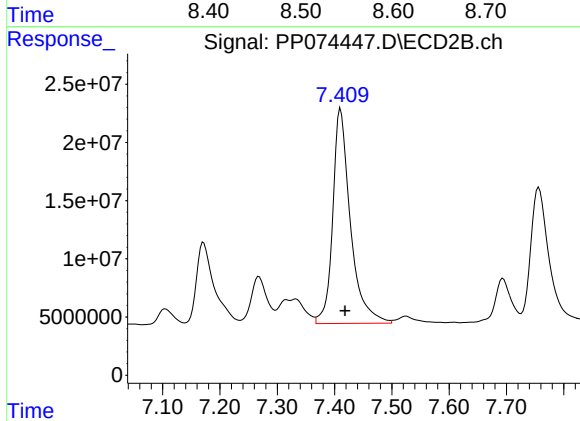
R.T.: 7.171 min
Delta R.T.: -0.008 min
Response: 153256218
Conc: 526.69 ng/ml



#35 AR-1260-5

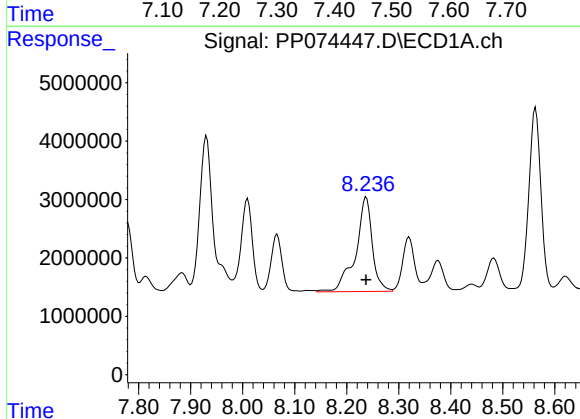
R.T.: 8.563 min
Delta R.T.: -0.005 min
Response: 50159532
Conc: 442.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



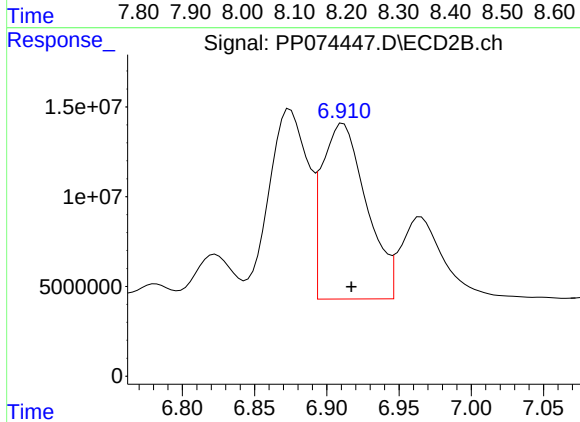
#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: -0.007 min
Response: 395207628
Conc: 521.79 ng/ml



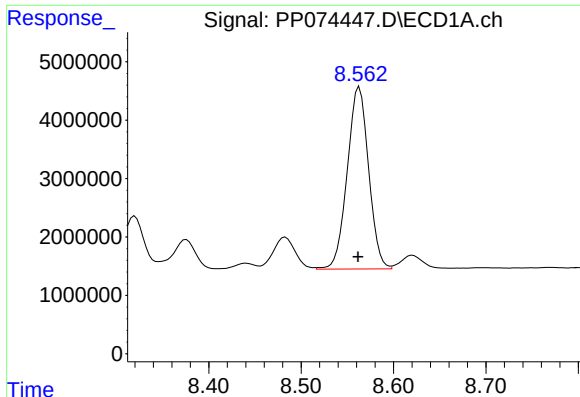
#36 AR-1262-1

R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 35991323
Conc: 474.88 ng/ml



#36 AR-1262-1

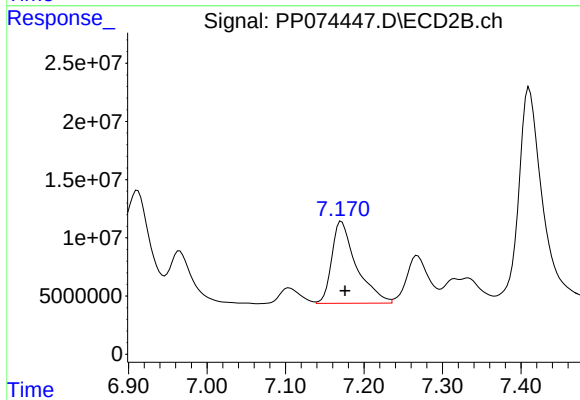
R.T.: 6.911 min
Delta R.T.: -0.006 min
Response: 209142428
Conc: 371.38 ng/ml



#37 AR-1262-2

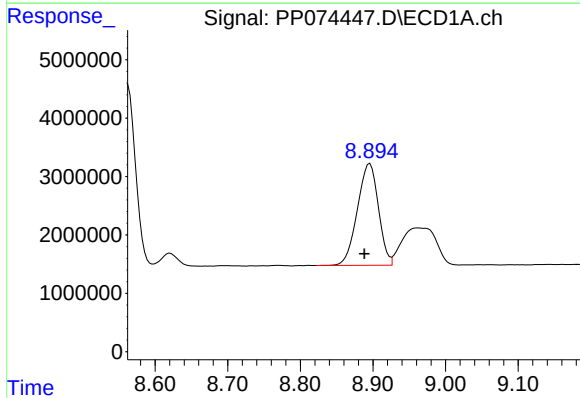
R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 50159532
Conc: 384.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



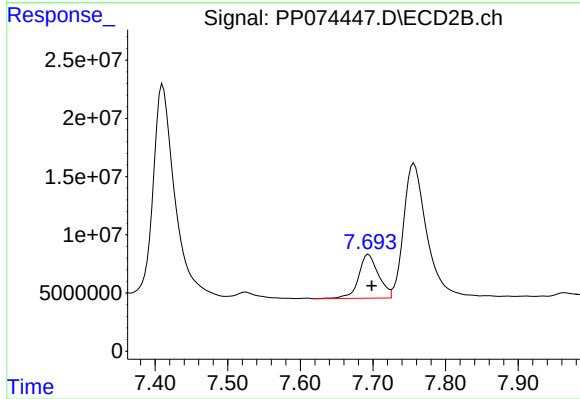
#37 AR-1262-2

R.T.: 7.171 min
Delta R.T.: -0.005 min
Response: 153256218
Conc: 382.16 ng/ml



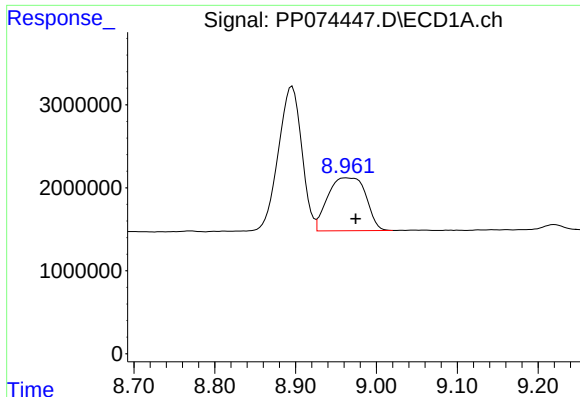
#38 AR-1262-3

R.T.: 8.896 min
Delta R.T.: 0.008 min
Response: 35044712
Conc: 372.54 ng/ml



#38 AR-1262-3

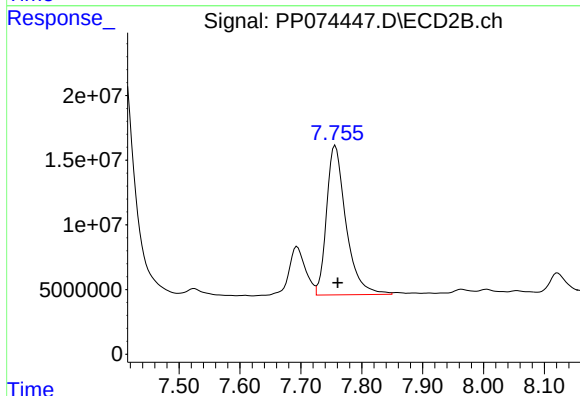
R.T.: 7.694 min
Delta R.T.: -0.004 min
Response: 71498643
Conc: 198.90 ng/ml



#39 AR-1262-4

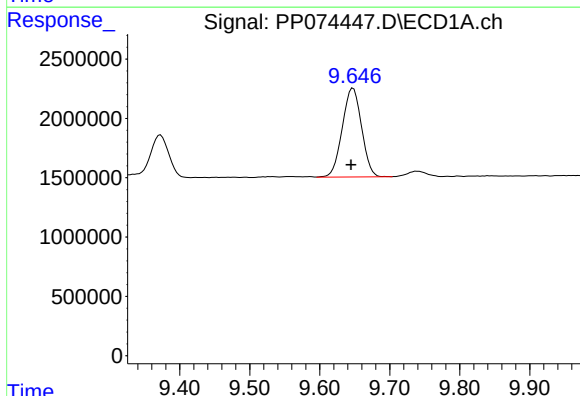
R.T.: 8.963 min
Delta R.T.: -0.012 min
Response: 20892940
Conc: 286.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



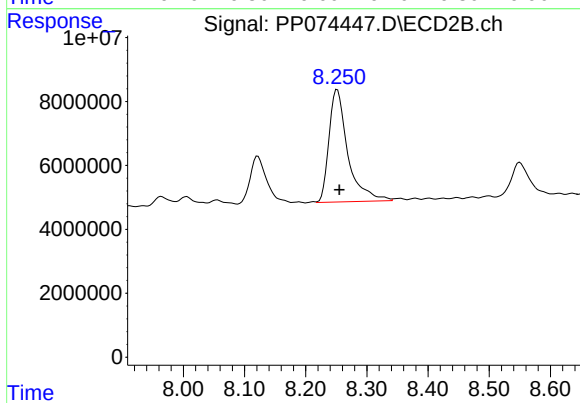
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 256744049
Conc: 384.97 ng/ml



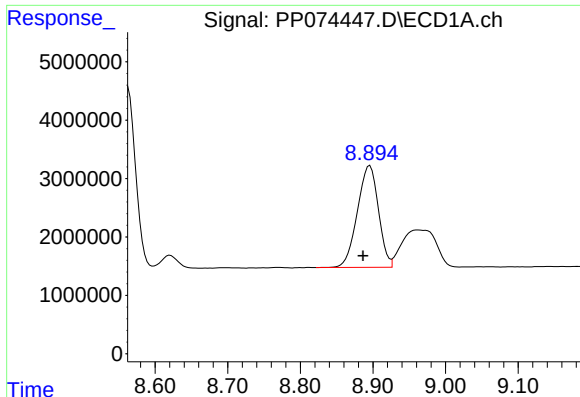
#40 AR-1262-5

R.T.: 9.648 min
Delta R.T.: 0.003 min
Response: 14321686
Conc: 281.24 ng/ml



#40 AR-1262-5

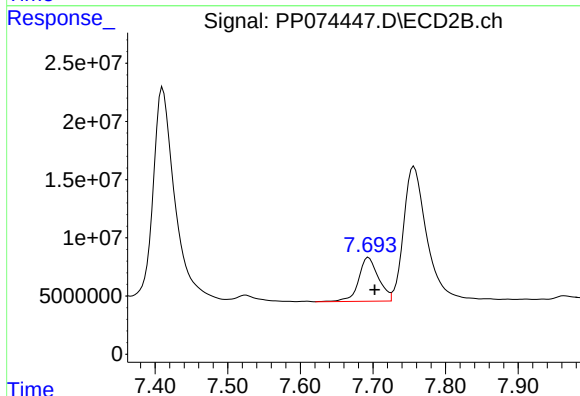
R.T.: 8.252 min
Delta R.T.: -0.003 min
Response: 75516101
Conc: 266.59 ng/ml



#41 AR-1268-1

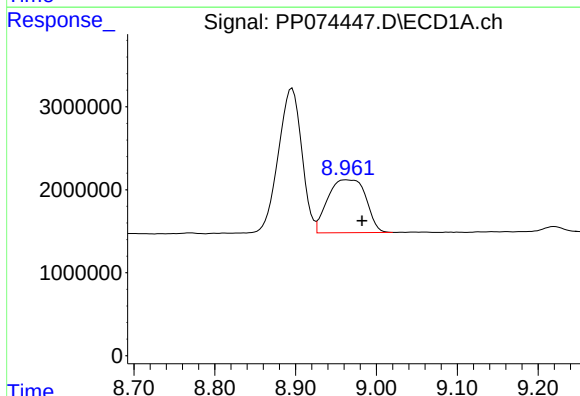
R.T.: 8.896 min
Delta R.T.: 0.009 min
Response: 35044712
Conc: 225.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



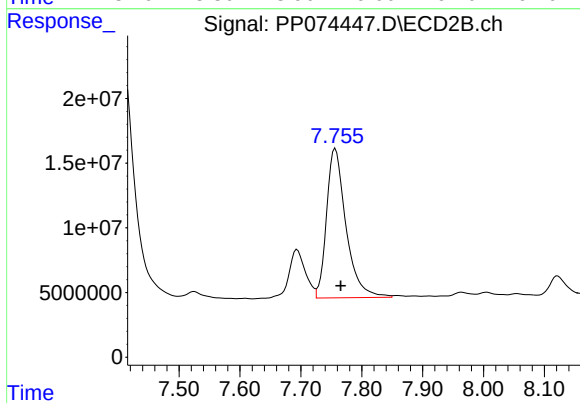
#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: -0.009 min
Response: 71498643
Conc: 65.58 ng/ml



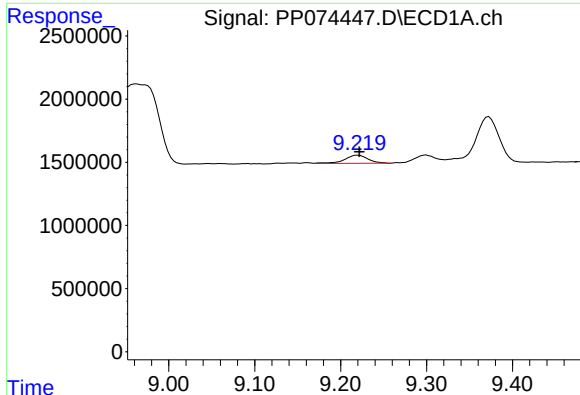
#42 AR-1268-2

R.T.: 8.963 min
Delta R.T.: -0.020 min
Response: 20892940
Conc: 145.67 ng/ml



#42 AR-1268-2

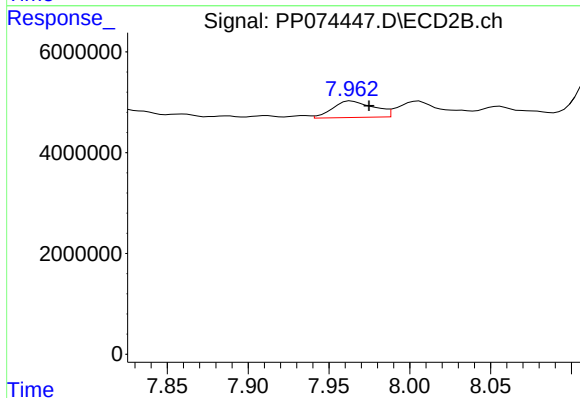
R.T.: 7.757 min
Delta R.T.: -0.009 min
Response: 256744049
Conc: 241.91 ng/ml



#43 AR-1268-3

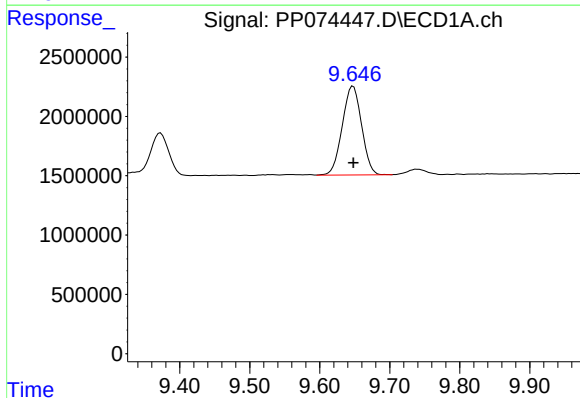
R.T.: 9.220 min
Delta R.T.: -0.002 min
Response: 1212261
Conc: 10.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



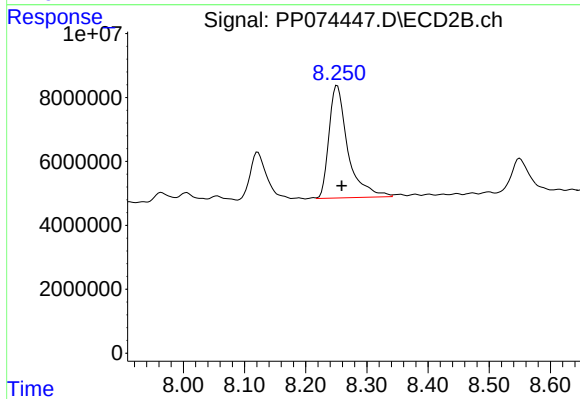
#43 AR-1268-3

R.T.: 7.964 min
Delta R.T.: -0.011 min
Response: 5778900
Conc: 6.95 ng/ml



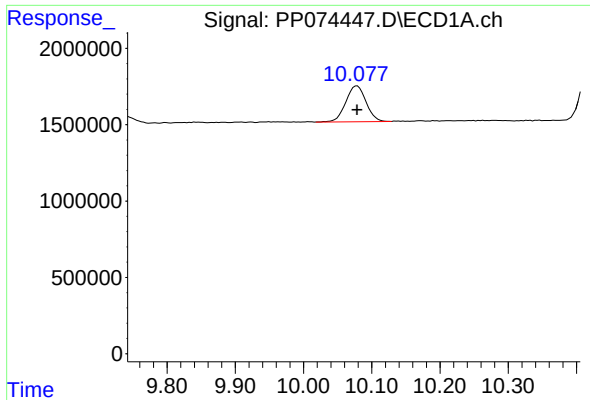
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.000 min
Response: 14321686
Conc: 243.51 ng/ml



#44 AR-1268-4

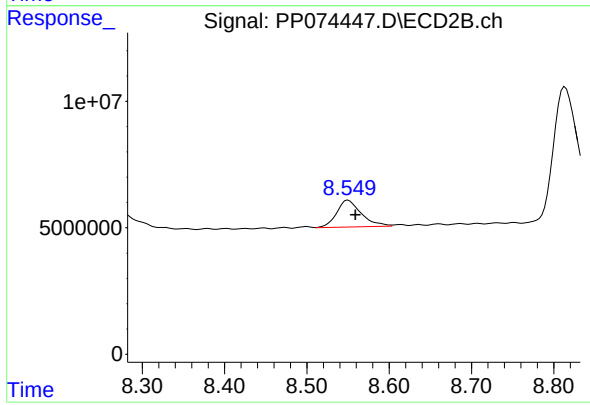
R.T.: 8.252 min
Delta R.T.: -0.008 min
Response: 75516101
Conc: 245.14 ng/ml



#45 AR-1268-5

R.T.: 10.078 min
Delta R.T.: 0.000 min
Response: 4854183
Conc: 13.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
PB169282BS



#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: -0.009 min
Response: 22197854
Conc: 8.70 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 14:46
 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: Aug 19 02:02:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.654	3.798	58789533	231.4E6	52.570	60.346
2)	SA Decachlor...	10.428	8.811	45234495	302.3E6	46.578	50.274
Target Compounds							
3)	L1 AR-1016-1	5.805	4.897	20510620	227.0E6	497.145	569.159
4)	L1 AR-1016-2	5.826	4.955	30105476	109.7E6	495.631	584.013
5)	L1 AR-1016-3	5.889	5.074	19920445	61424602	502.274	579.097
6)	L1 AR-1016-4	5.986	5.115	16425316	61861984	504.704	566.398
7)	L1 AR-1016-5	6.278	5.329	16129851	67469540	496.792	576.844
8)	L2 AR-1221-1	4.849	4.007	2432804	7930224	145.124	161.560
9)	L2 AR-1221-2	4.939	4.094	3609159	10710347	286.417	298.427
10)	L2 AR-1221-3	5.014	4.171	12396871	47179221	338.387	348.895
11)	L3 AR-1232-1	5.014	4.171	12396871	47179221	426.929	465.451
12)	L3 AR-1232-2	5.540	4.897	15873519	227.0E6	1055.230	1302.778
13)	L3 AR-1232-3	5.826	5.074	30105476	61424602	1038.059	1340.662 #
14)	L3 AR-1232-4	5.986	5.158	16425316	112.3E6	1061.833	1936.063 #
15)	L3 AR-1232-5	6.076	5.329	14454183	67469540	1233.712	1436.150
16)	L4 AR-1242-1	5.805	4.897	20510620	227.0E6	550.387	657.790
17)	L4 AR-1242-2	5.826	4.955	30105476	109.7E6	553.319	671.345
18)	L4 AR-1242-3	5.889	5.074	19920445	61424602	557.436	665.860
19)	L4 AR-1242-4	5.986	5.158	16425316	112.3E6	562.152	940.469 #
20)	L4 AR-1242-5	6.716	5.679	5756567	82653566	161.892	552.645 #
21)	L5 AR-1248-1	5.805	4.897	20510620	227.0E6	732.142	1061.227 #
22)	L5 AR-1248-2	6.076	5.115	14454183	61861984	359.011	422.807
23)	L5 AR-1248-3	6.278	5.158	16129851	112.3E6	361.870	655.035 #
24)	L5 AR-1248-4	6.652	5.329	20667292	67469540	397.164	405.530
25)	L5 AR-1248-5	6.716	5.713	5756567	25218420	101.093	86.671
26)	L6 AR-1254-1	6.652	5.679	20667292	82653566	392.608	225.717 #
27)	L6 AR-1254-2	6.868	5.826	13136494	67905262	165.229	244.073 #
28)	L6 AR-1254-3	7.230	6.244	8863100	127.3E6	101.506	260.138 #
29)	L6 AR-1254-4	7.513	6.454	5398576	11715655	84.605	31.874 #
30)	L6 AR-1254-5	7.926	6.871	40754358	161.8E6	502.243	420.186
31)	L7 AR-1260-1	7.395	6.545	26564110	212.7E6	471.362	526.589
32)	L7 AR-1260-2	7.648	6.699	31047569	150.1E6	455.561	480.047
33)	L7 AR-1260-3	8.006	6.909	24552293	209.8E6	460.679	532.319
34)	L7 AR-1260-4	8.234	7.169	28901676	151.7E6	461.578	521.417
35)	L7 AR-1260-5	8.559	7.408	50402382	408.2E6	444.838	538.946
36)	L8 AR-1262-1	8.234	6.909	28901676	209.8E6	381.340	372.546
37)	L8 AR-1262-2	8.559	7.169	50402382	151.7E6	386.432	378.336
38)	L8 AR-1262-3	8.890	7.692	34758832	82919127	369.496	230.671 #
39)	L8 AR-1262-4	8.968	7.755	23365682	262.6E6	320.729	393.700
40)	L8 AR-1262-5	9.642	8.248	16979554	90155680	333.438	318.270
41)	L9 AR-1268-1	8.890	7.692	34758832	82919127	223.339	76.054 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
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: Aug 19 02:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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
42)	L9 AR-1268-2	8.968	7.755	23365682	262.6E6	162.911	247.395 #
43)	L9 AR-1268-3	9.215	7.965	855005	3781619	7.156	4.546 #
44)	L9 AR-1268-4	9.642	8.248	16979554	90155680	288.706	292.657
45)	L9 AR-1268-5	10.073	8.546	4808517	22845635	13.672	8.959 #

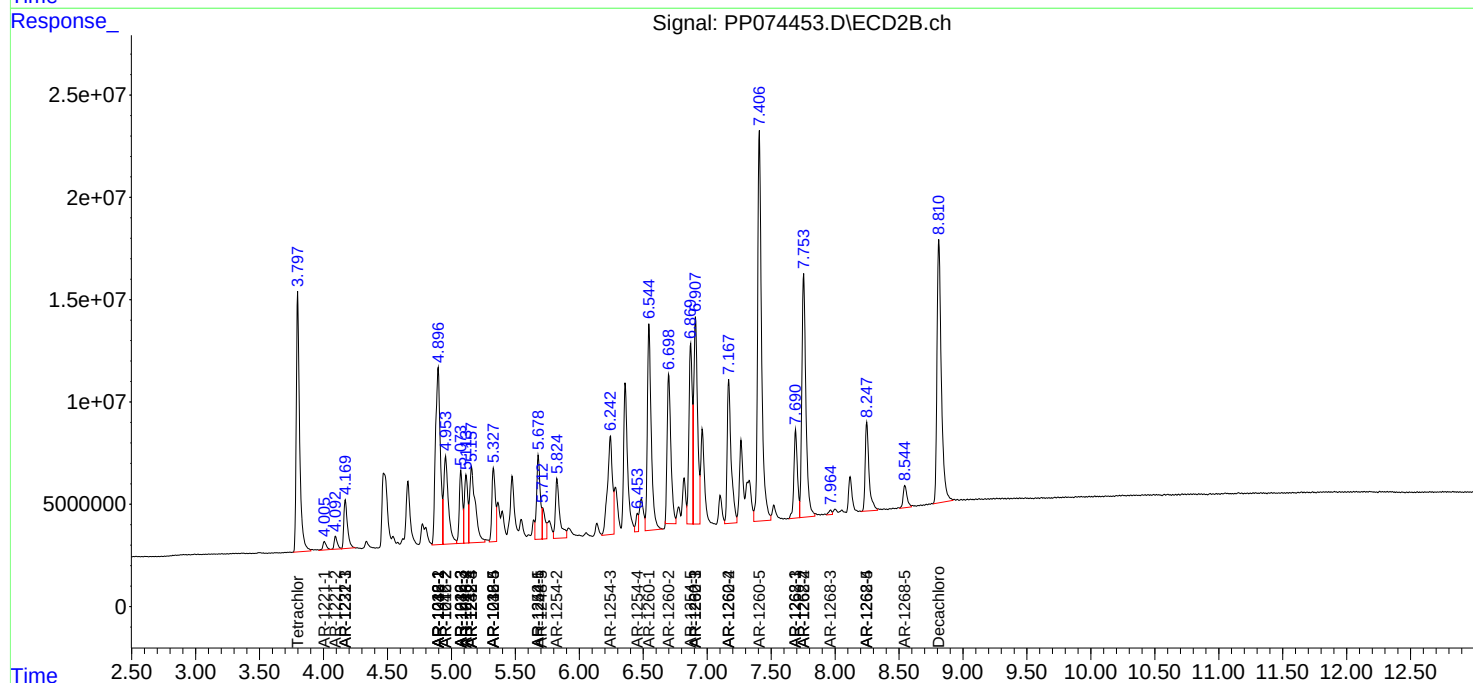
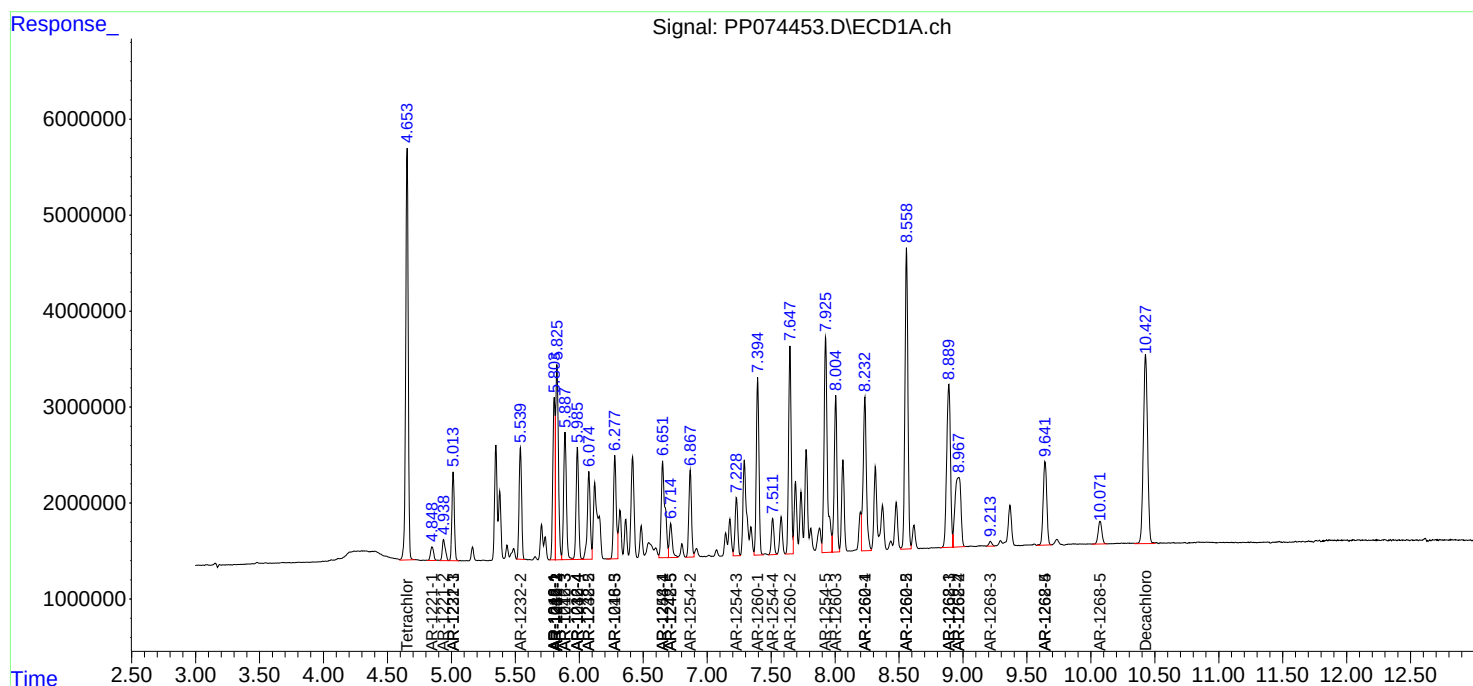
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

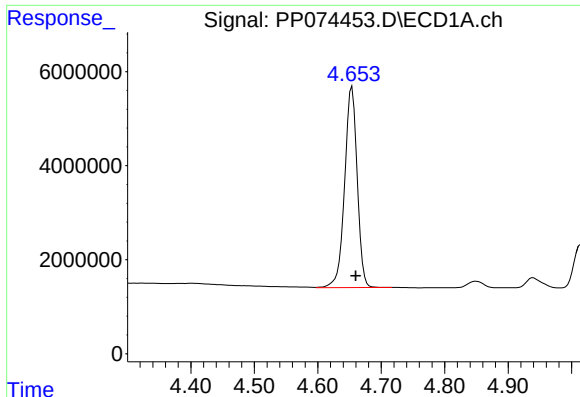
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074453.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 14:46
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:02:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

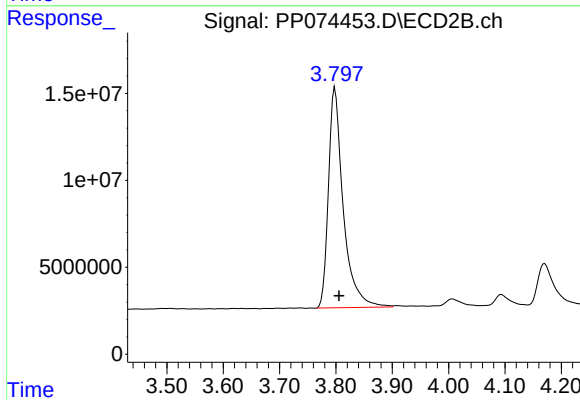




#1 Tetrachloro-m-xylene

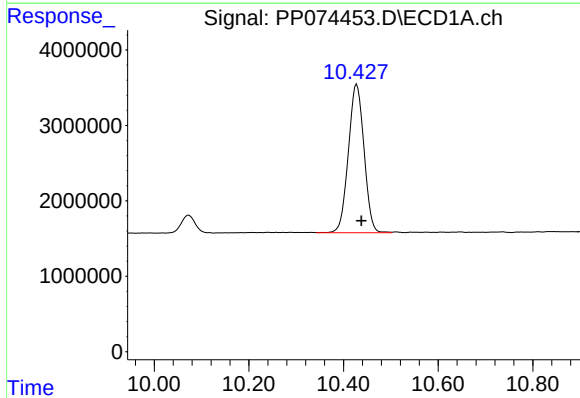
R.T.: 4.654 min
Delta R.T.: -0.006 min
Response: 58789533
Conc: 52.57 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



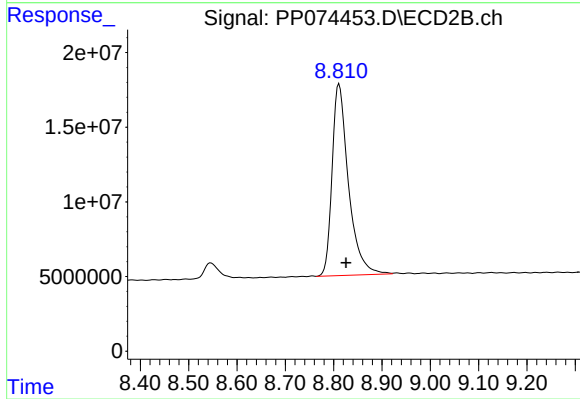
#1 Tetrachloro-m-xylene

R.T.: 3.798 min
Delta R.T.: -0.007 min
Response: 231393317
Conc: 60.35 ng/ml



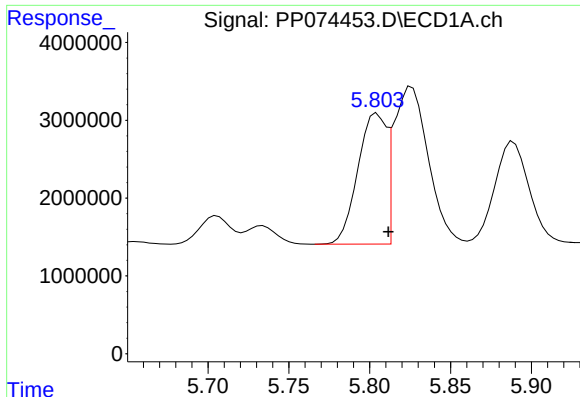
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.010 min
Response: 45234495
Conc: 46.58 ng/ml



#2 Decachlorobiphenyl

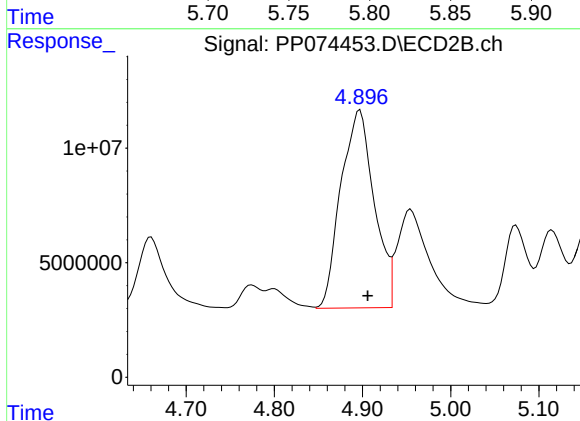
R.T.: 8.811 min
Delta R.T.: -0.015 min
Response: 302326543
Conc: 50.27 ng/ml



#3 AR-1016-1

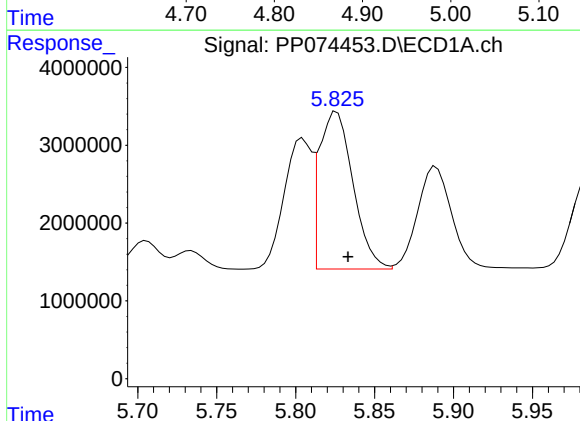
R.T.: 5.805 min
Delta R.T.: -0.007 min
Response: 20510620
Conc: 497.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



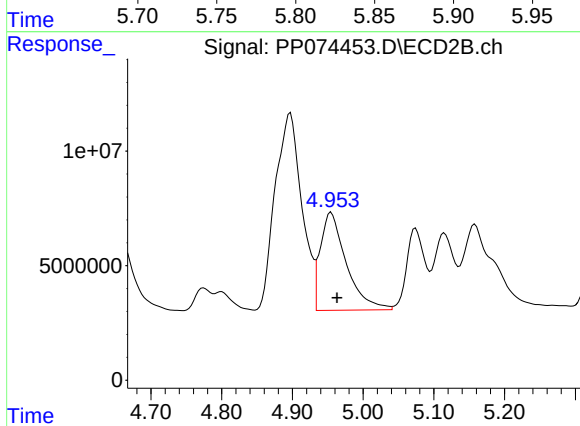
#3 AR-1016-1

R.T.: 4.897 min
Delta R.T.: -0.009 min
Response: 227030228
Conc: 569.16 ng/ml



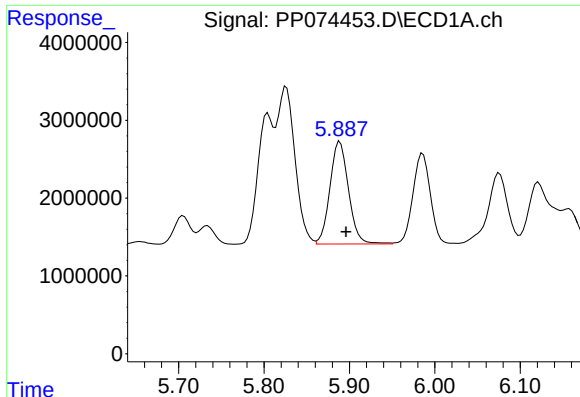
#4 AR-1016-2

R.T.: 5.826 min
Delta R.T.: -0.007 min
Response: 30105476
Conc: 495.63 ng/ml



#4 AR-1016-2

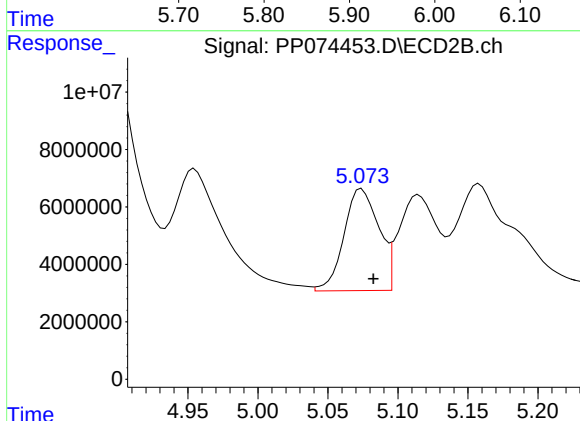
R.T.: 4.955 min
Delta R.T.: -0.009 min
Response: 109682815
Conc: 584.01 ng/ml



#5 AR-1016-3

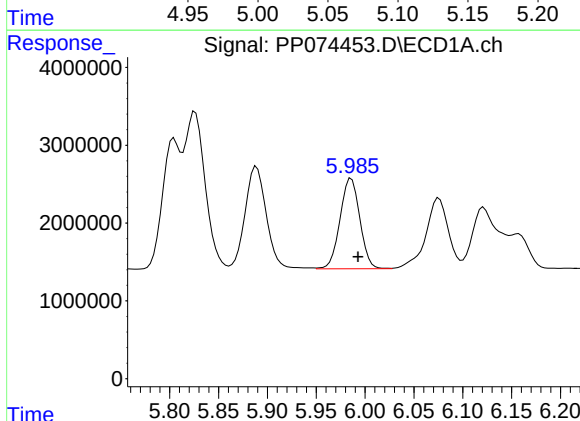
R.T.: 5.889 min
Delta R.T.: -0.007 min
Response: 19920445
Conc: 502.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



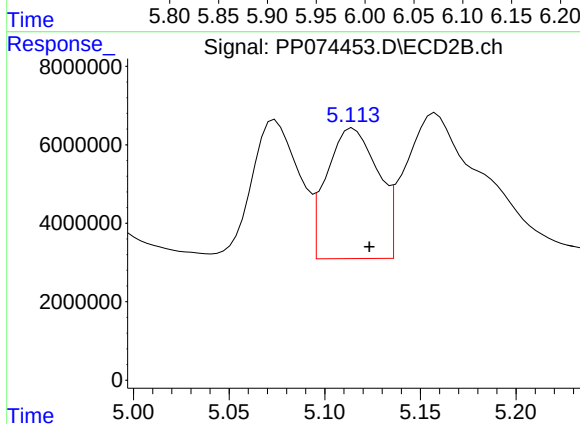
#5 AR-1016-3

R.T.: 5.074 min
Delta R.T.: -0.009 min
Response: 61424602
Conc: 579.10 ng/ml



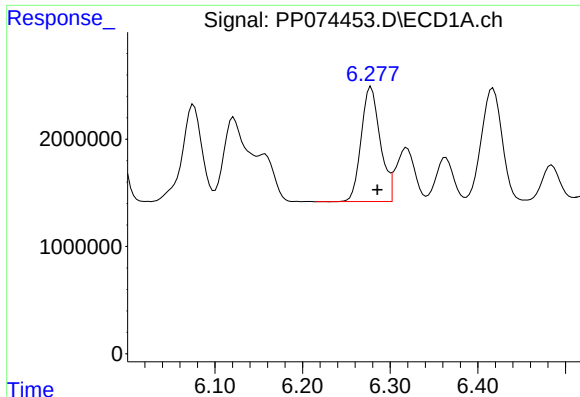
#6 AR-1016-4

R.T.: 5.986 min
Delta R.T.: -0.007 min
Response: 16425316
Conc: 504.70 ng/ml



#6 AR-1016-4

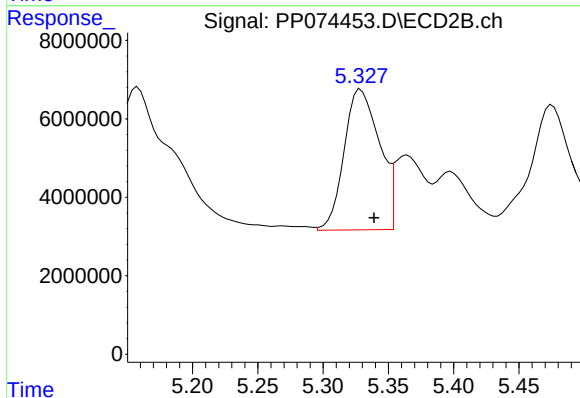
R.T.: 5.115 min
Delta R.T.: -0.009 min
Response: 61861984
Conc: 566.40 ng/ml



#7 AR-1016-5

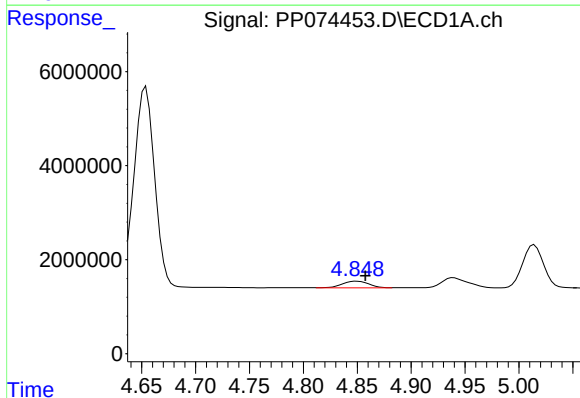
R.T.: 6.278 min
Delta R.T.: -0.007 min
Response: 16129851
Conc: 496.79 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



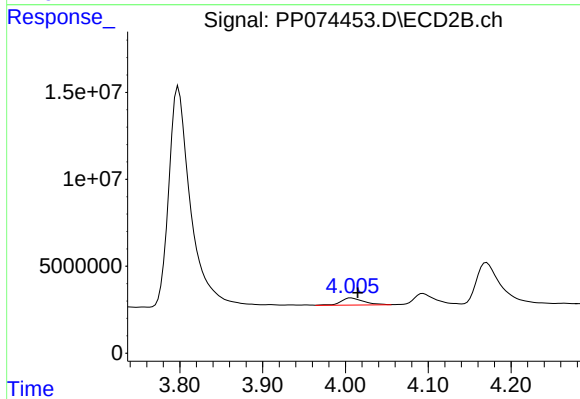
#7 AR-1016-5

R.T.: 5.329 min
Delta R.T.: -0.010 min
Response: 67469540
Conc: 576.84 ng/ml



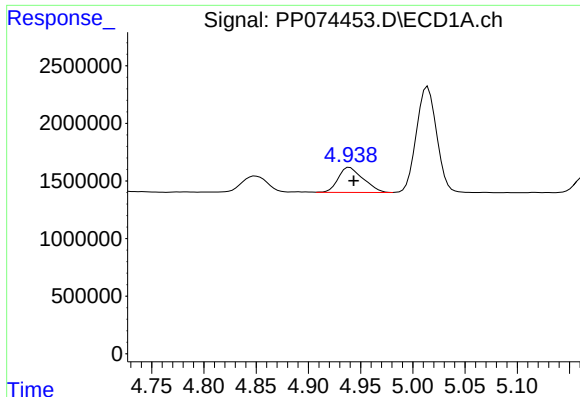
#8 AR-1221-1

R.T.: 4.849 min
Delta R.T.: -0.009 min
Response: 2432804
Conc: 145.12 ng/ml



#8 AR-1221-1

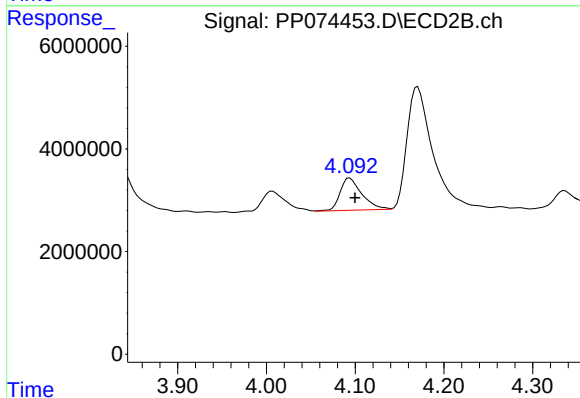
R.T.: 4.007 min
Delta R.T.: -0.008 min
Response: 7930224
Conc: 161.56 ng/ml



#9 AR-1221-2

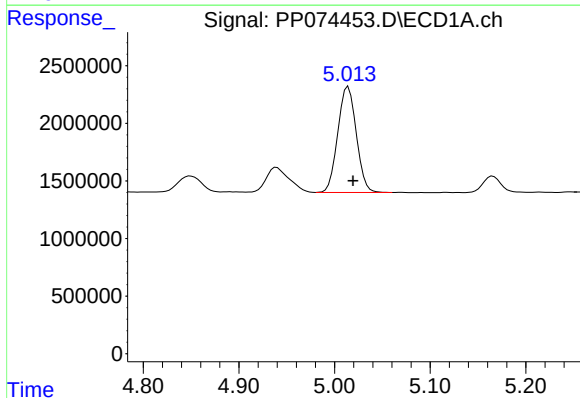
R.T.: 4.939 min
Delta R.T.: -0.004 min
Response: 3609159
Conc: 286.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



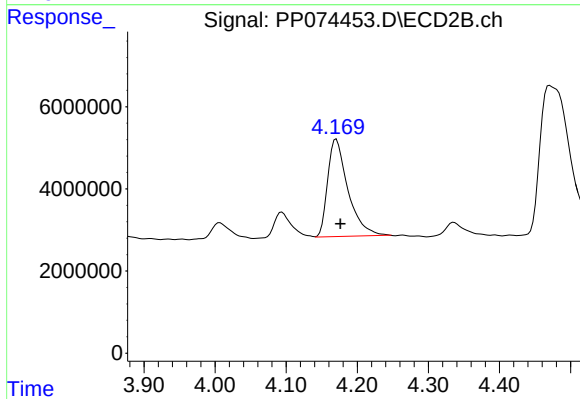
#9 AR-1221-2

R.T.: 4.094 min
Delta R.T.: -0.006 min
Response: 10710347
Conc: 298.43 ng/ml



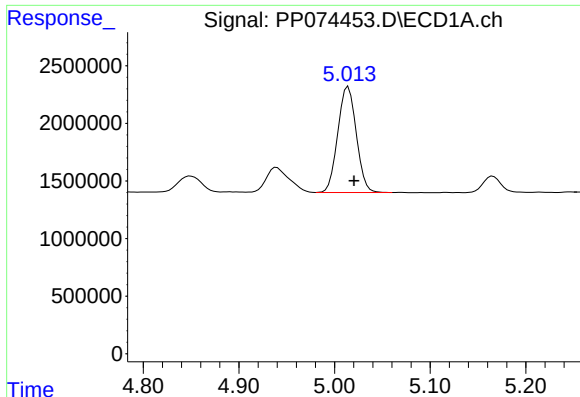
#10 AR-1221-3

R.T.: 5.014 min
Delta R.T.: -0.005 min
Response: 12396871
Conc: 338.39 ng/ml



#10 AR-1221-3

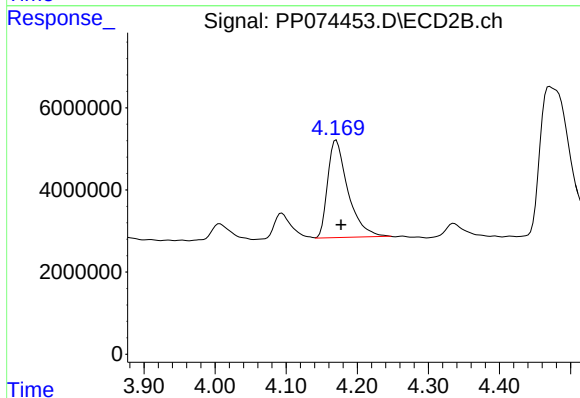
R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 47179221
Conc: 348.90 ng/ml



#11 AR-1232-1

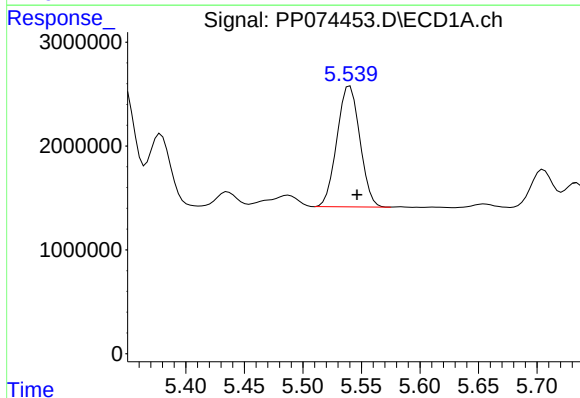
R.T.: 5.014 min
Delta R.T.: -0.006 min
Response: 12396871
Conc: 426.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



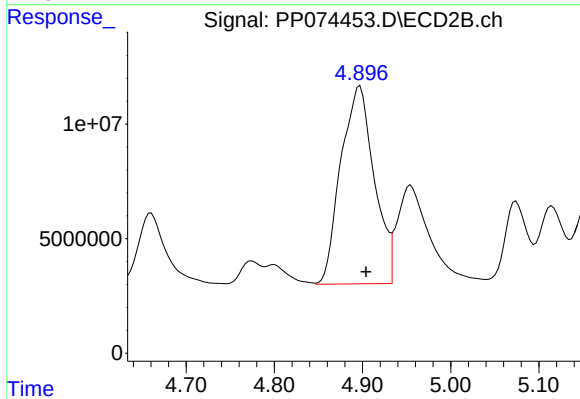
#11 AR-1232-1

R.T.: 4.171 min
Delta R.T.: -0.007 min
Response: 47179221
Conc: 465.45 ng/ml



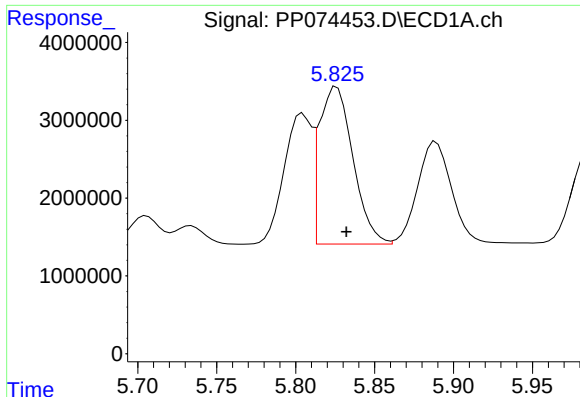
#12 AR-1232-2

R.T.: 5.540 min
Delta R.T.: -0.006 min
Response: 15873519
Conc: 1055.23 ng/ml



#12 AR-1232-2

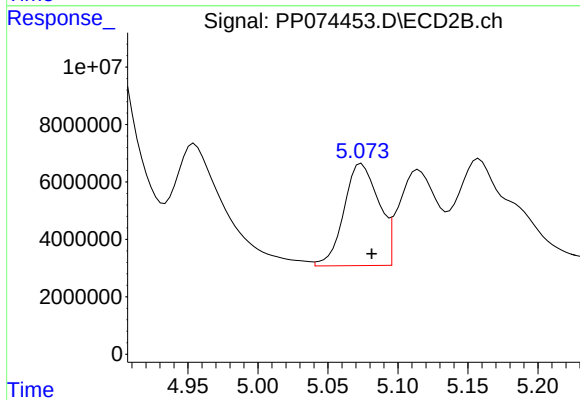
R.T.: 4.897 min
Delta R.T.: -0.007 min
Response: 227030228
Conc: 1302.78 ng/ml



#13 AR-1232-3

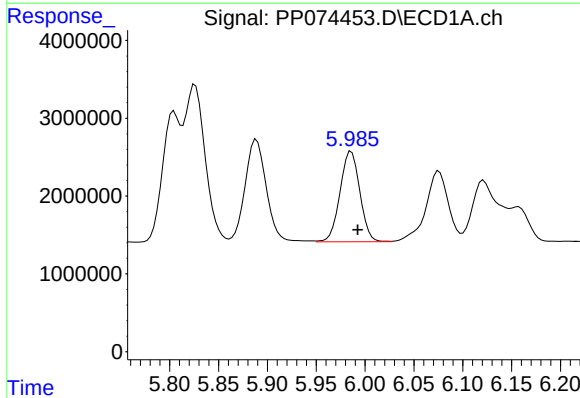
R.T.: 5.826 min
Delta R.T.: -0.006 min
Response: 30105476
Conc: 1038.06 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



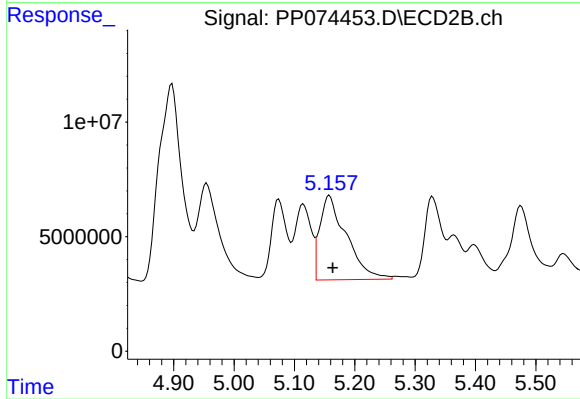
#13 AR-1232-3

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 61424602
Conc: 1340.66 ng/ml



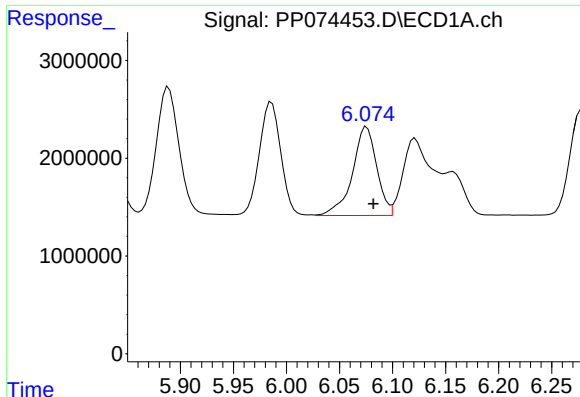
#14 AR-1232-4

R.T.: 5.986 min
Delta R.T.: -0.007 min
Response: 16425316
Conc: 1061.83 ng/ml



#14 AR-1232-4

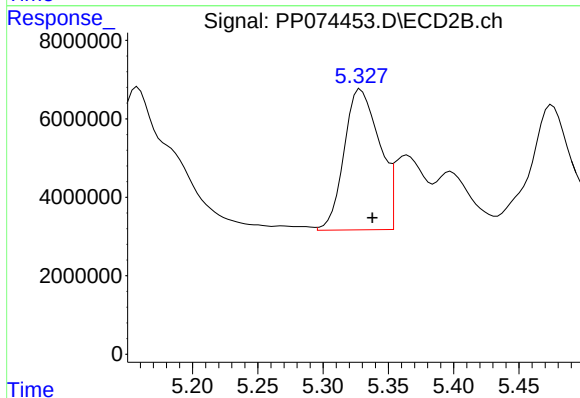
R.T.: 5.158 min
Delta R.T.: -0.005 min
Response: 112312378
Conc: 1936.06 ng/ml



#15 AR-1232-5

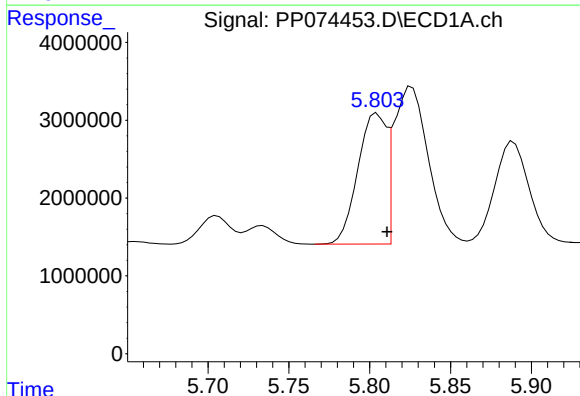
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 14454183
Conc: 1233.71 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



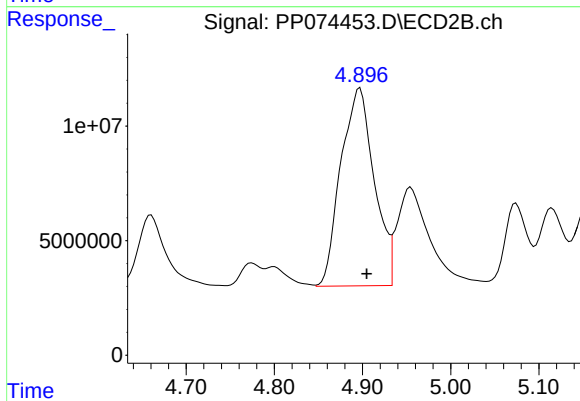
#15 AR-1232-5

R.T.: 5.329 min
Delta R.T.: -0.009 min
Response: 67469540
Conc: 1436.15 ng/ml



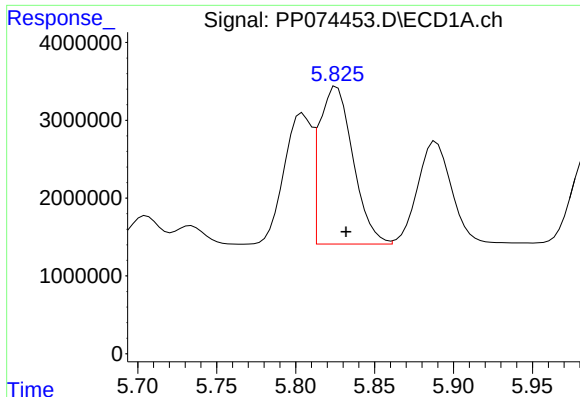
#16 AR-1242-1

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 20510620
Conc: 550.39 ng/ml



#16 AR-1242-1

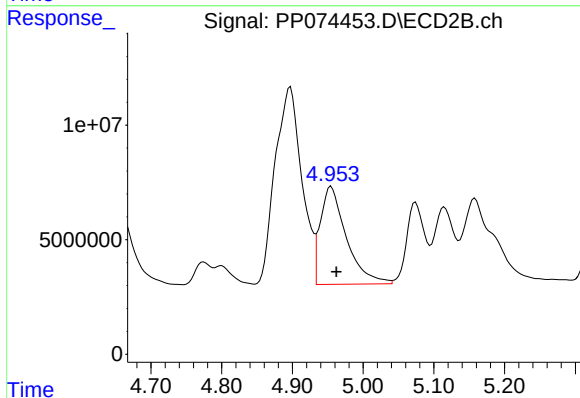
R.T.: 4.897 min
Delta R.T.: -0.008 min
Response: 227030228
Conc: 657.79 ng/ml



#17 AR-1242-2

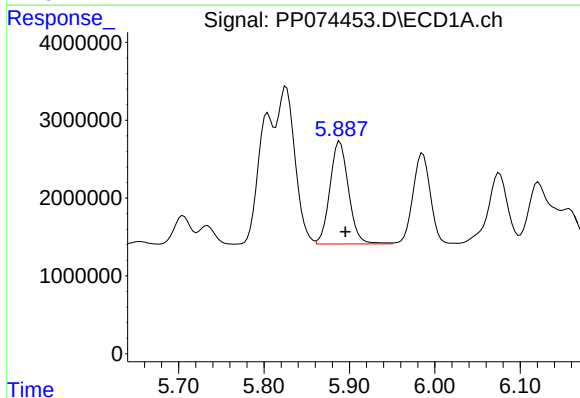
R.T.: 5.826 min
Delta R.T.: -0.006 min
Response: 30105476
Conc: 553.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



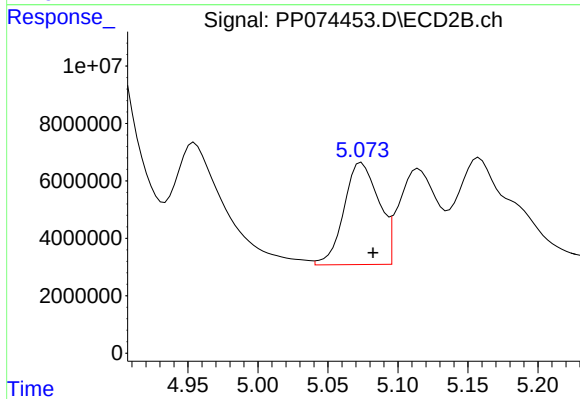
#17 AR-1242-2

R.T.: 4.955 min
Delta R.T.: -0.007 min
Response: 109682815
Conc: 671.35 ng/ml



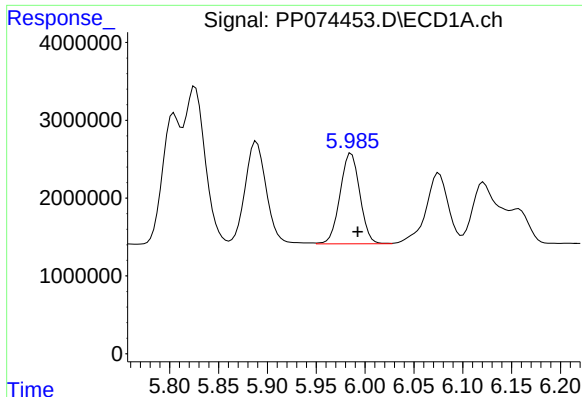
#18 AR-1242-3

R.T.: 5.889 min
Delta R.T.: -0.007 min
Response: 19920445
Conc: 557.44 ng/ml



#18 AR-1242-3

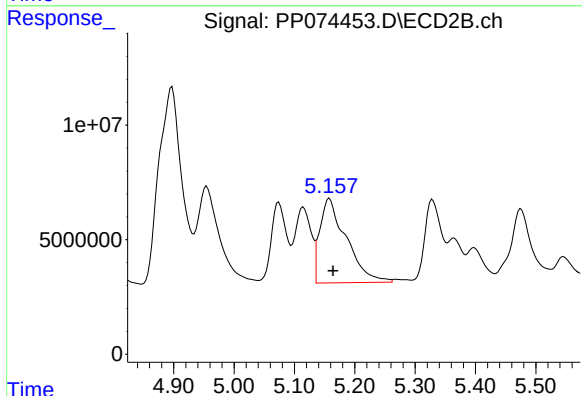
R.T.: 5.074 min
Delta R.T.: -0.008 min
Response: 61424602
Conc: 665.86 ng/ml



#19 AR-1242-4

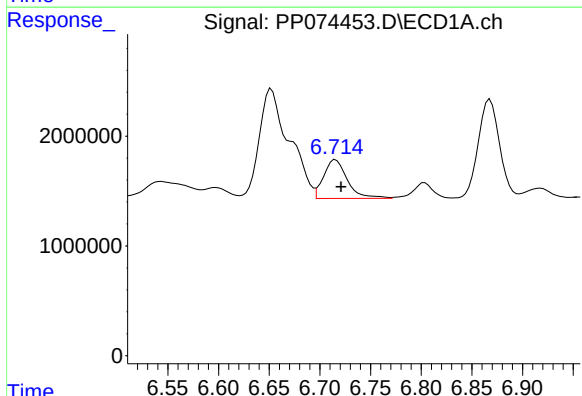
R.T.: 5.986 min
Delta R.T.: -0.006 min
Response: 16425316
Conc: 562.15 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



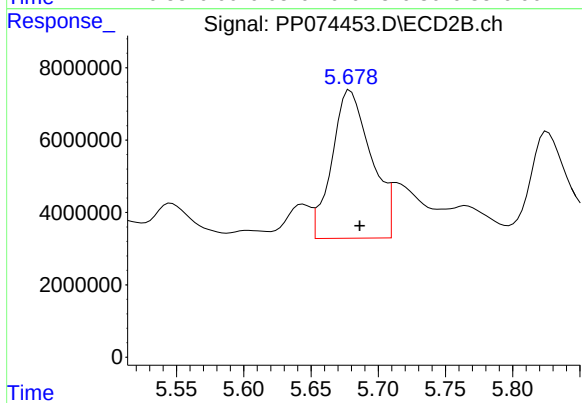
#19 AR-1242-4

R.T.: 5.158 min
Delta R.T.: -0.006 min
Response: 112312378
Conc: 940.47 ng/ml



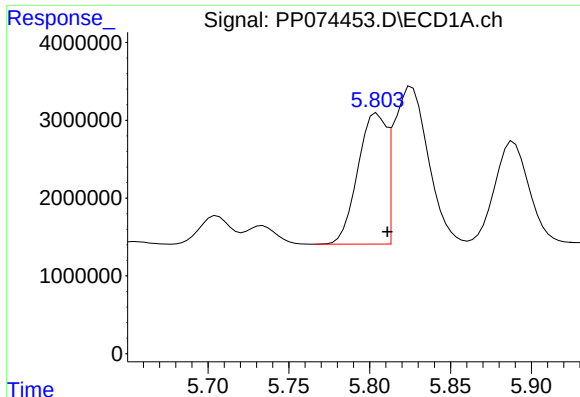
#20 AR-1242-5

R.T.: 6.716 min
Delta R.T.: -0.005 min
Response: 5756567
Conc: 161.89 ng/ml



#20 AR-1242-5

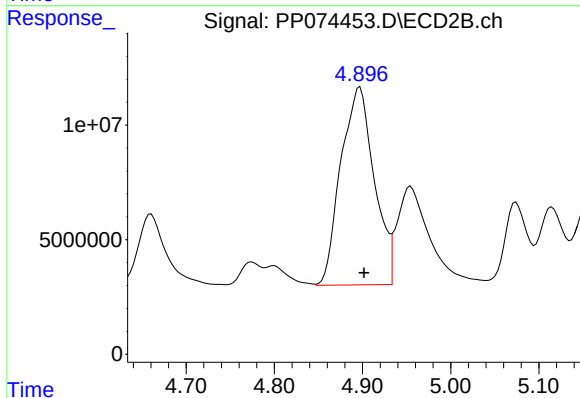
R.T.: 5.679 min
Delta R.T.: -0.007 min
Response: 82653566
Conc: 552.64 ng/ml



#21 AR-1248-1

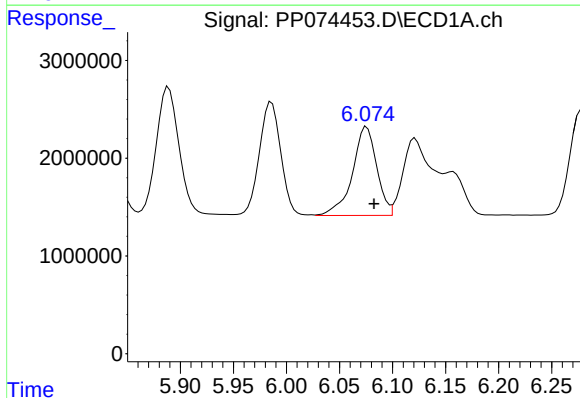
R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 20510620
Conc: 732.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



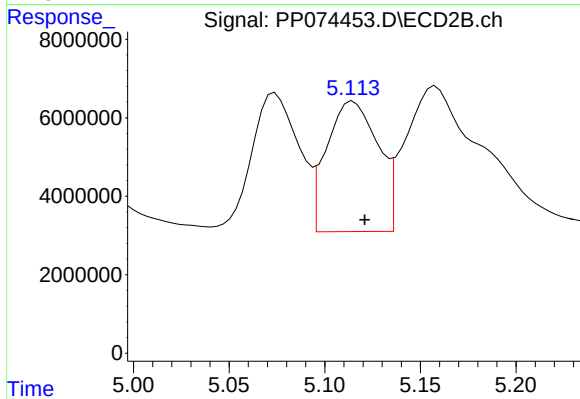
#21 AR-1248-1

R.T.: 4.897 min
Delta R.T.: -0.005 min
Response: 227030228
Conc: 1061.23 ng/ml



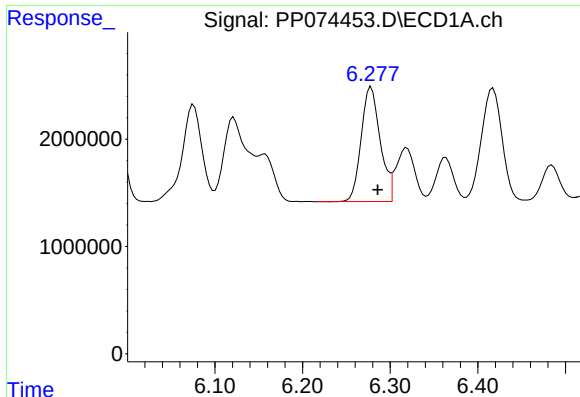
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.007 min
Response: 14454183
Conc: 359.01 ng/ml



#22 AR-1248-2

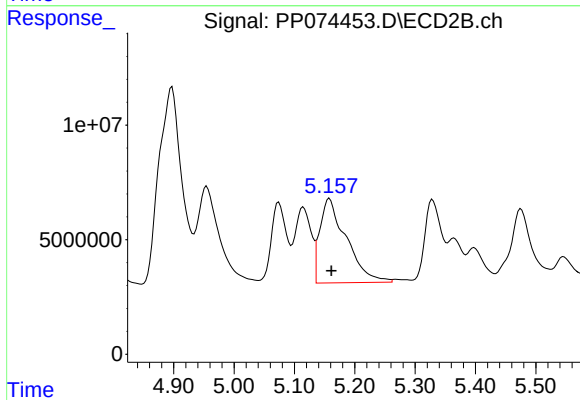
R.T.: 5.115 min
Delta R.T.: -0.006 min
Response: 61861984
Conc: 422.81 ng/ml



#23 AR-1248-3

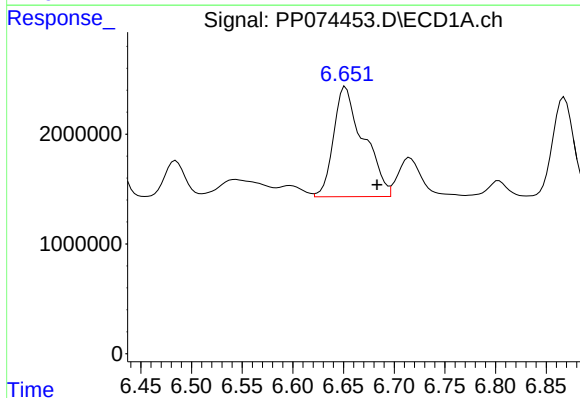
R.T.: 6.278 min
Delta R.T.: -0.007 min
Response: 16129851
Conc: 361.87 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



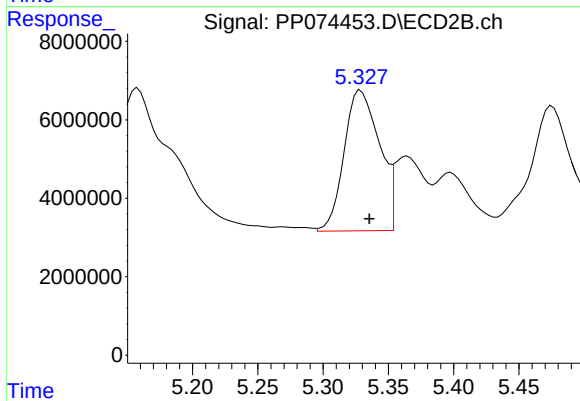
#23 AR-1248-3

R.T.: 5.158 min
Delta R.T.: -0.003 min
Response: 112312378
Conc: 655.04 ng/ml



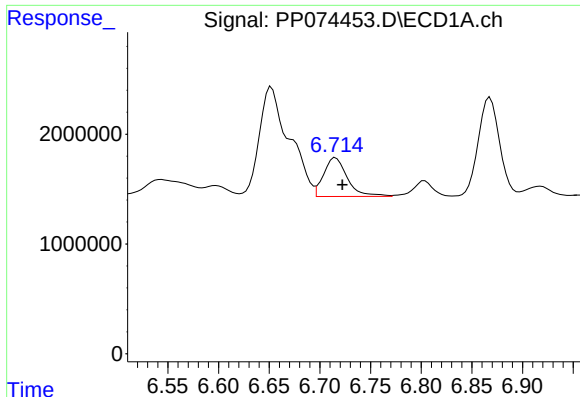
#24 AR-1248-4

R.T.: 6.652 min
Delta R.T.: -0.031 min
Response: 20667292
Conc: 397.16 ng/ml



#24 AR-1248-4

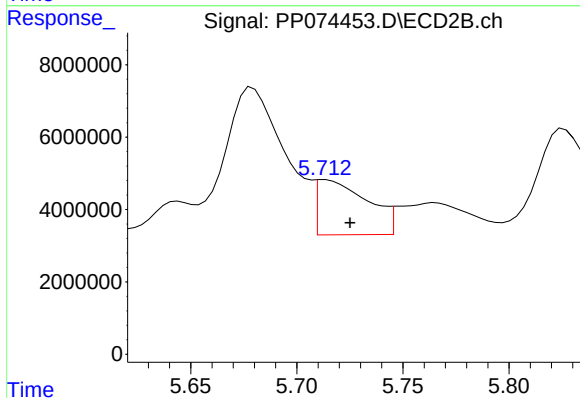
R.T.: 5.329 min
Delta R.T.: -0.007 min
Response: 67469540
Conc: 405.53 ng/ml



#25 AR-1248-5

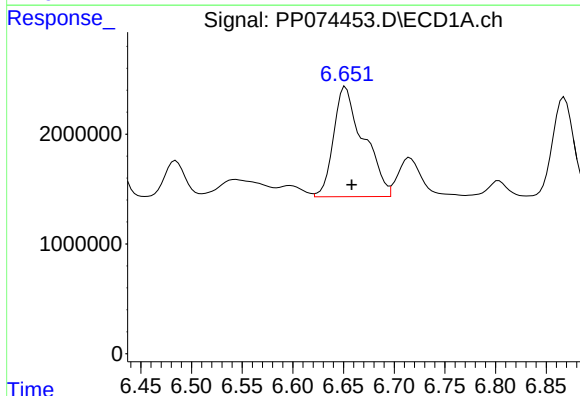
R.T.: 6.716 min
Delta R.T.: -0.007 min
Response: 5756567
Conc: 101.09 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



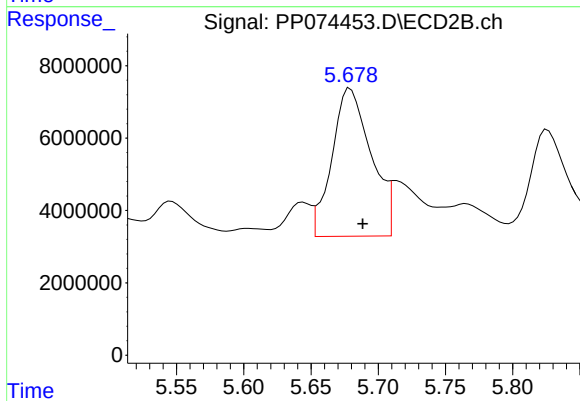
#25 AR-1248-5

R.T.: 5.713 min
Delta R.T.: -0.012 min
Response: 25218420
Conc: 86.67 ng/ml



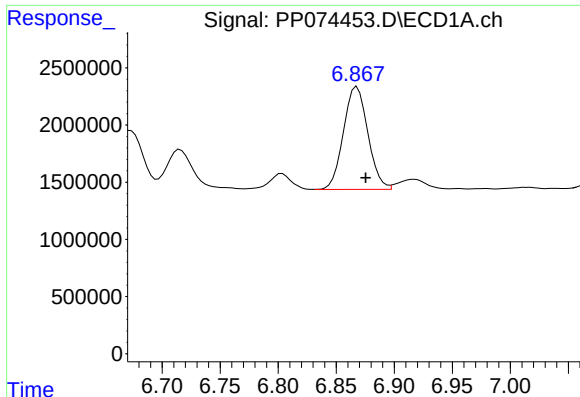
#26 AR-1254-1

R.T.: 6.652 min
Delta R.T.: -0.006 min
Response: 20667292
Conc: 392.61 ng/ml



#26 AR-1254-1

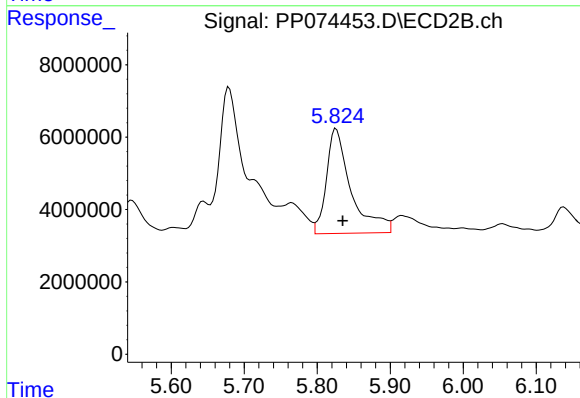
R.T.: 5.679 min
Delta R.T.: -0.009 min
Response: 82653566
Conc: 225.72 ng/ml



#27 AR-1254-2

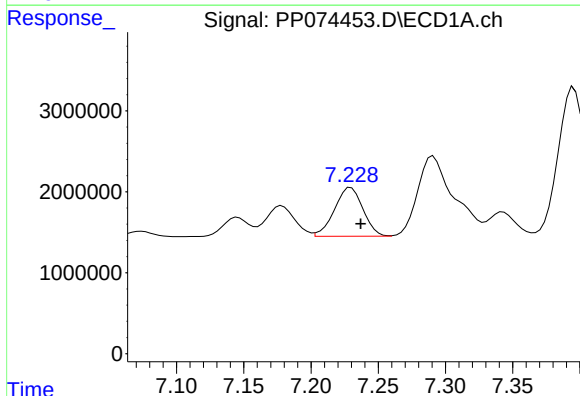
R.T.: 6.868 min
Delta R.T.: -0.007 min
Response: 13136494
Conc: 165.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



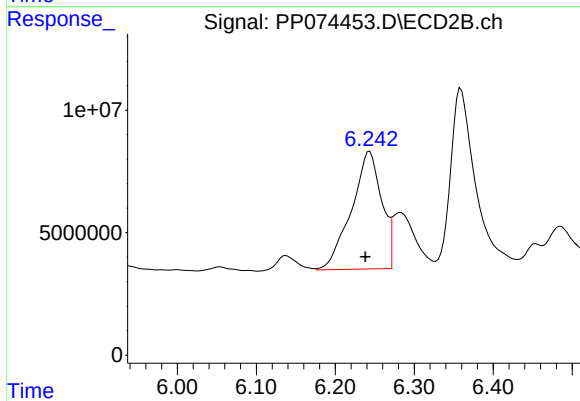
#27 AR-1254-2

R.T.: 5.826 min
Delta R.T.: -0.009 min
Response: 67905262
Conc: 244.07 ng/ml



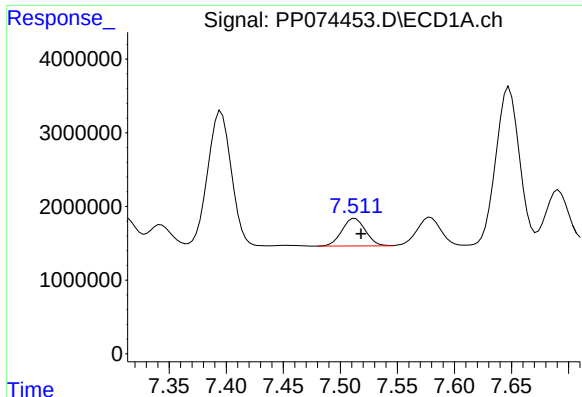
#28 AR-1254-3

R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 8863100
Conc: 101.51 ng/ml



#28 AR-1254-3

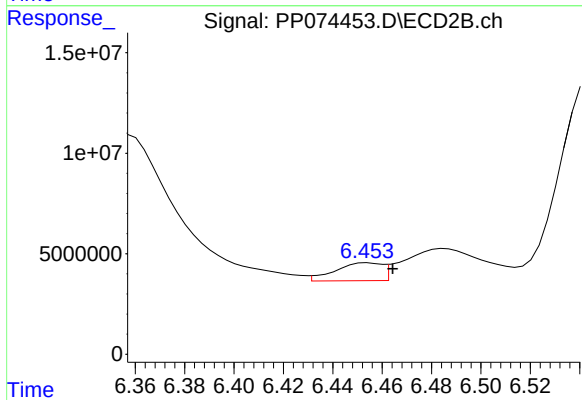
R.T.: 6.244 min
Delta R.T.: 0.005 min
Response: 127262535
Conc: 260.14 ng/ml



#29 AR-1254-4

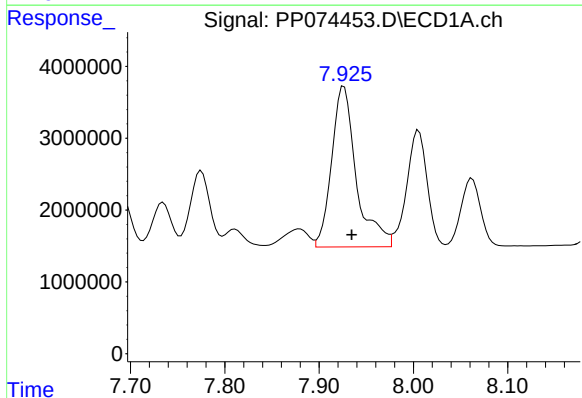
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 5398576
Conc: 84.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



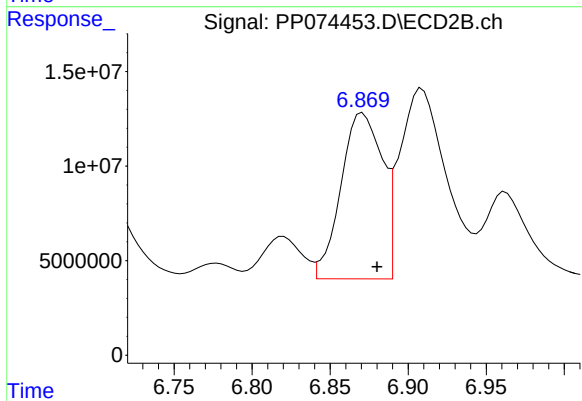
#29 AR-1254-4

R.T.: 6.454 min
Delta R.T.: -0.010 min
Response: 11715655
Conc: 31.87 ng/ml



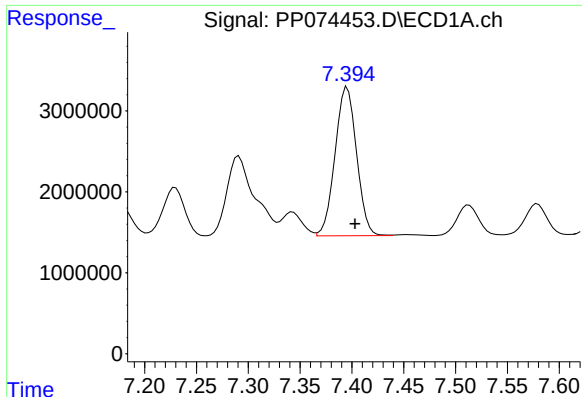
#30 AR-1254-5

R.T.: 7.926 min
Delta R.T.: -0.008 min
Response: 40754358
Conc: 502.24 ng/ml



#30 AR-1254-5

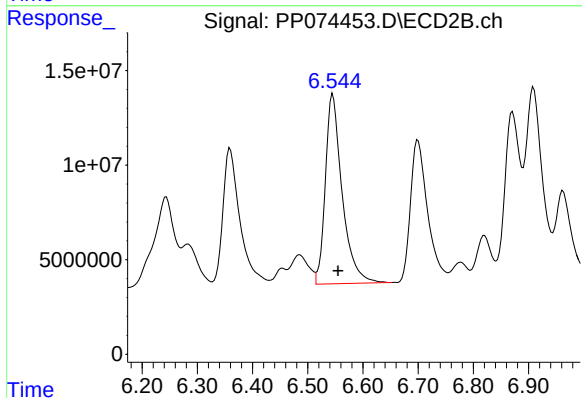
R.T.: 6.871 min
Delta R.T.: -0.009 min
Response: 161841672
Conc: 420.19 ng/ml



#31 AR-1260-1

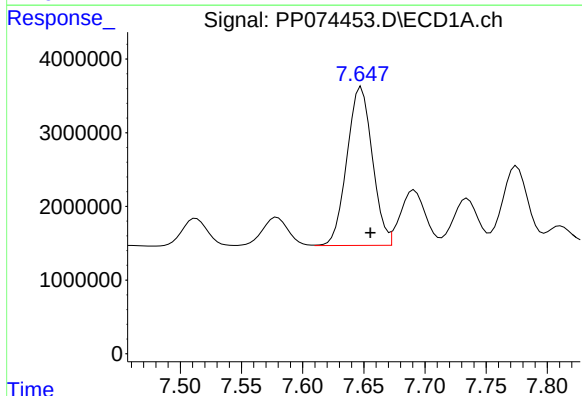
R.T.: 7.395 min
Delta R.T.: -0.008 min
Response: 26564110
Conc: 471.36 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



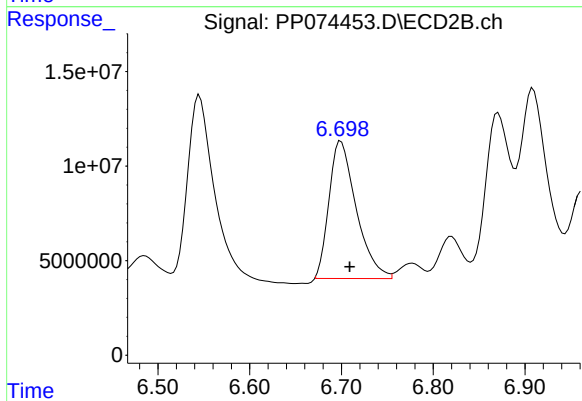
#31 AR-1260-1

R.T.: 6.545 min
Delta R.T.: -0.010 min
Response: 212719431
Conc: 526.59 ng/ml



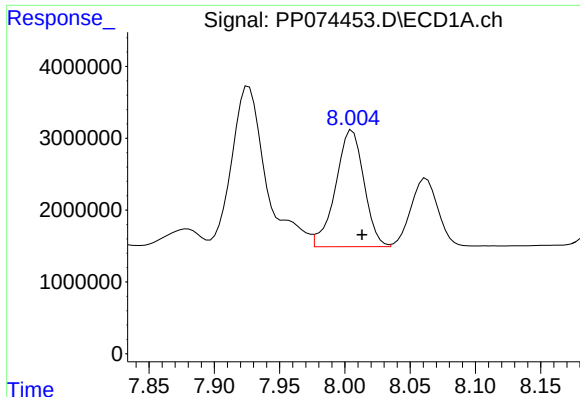
#32 AR-1260-2

R.T.: 7.648 min
Delta R.T.: -0.007 min
Response: 31047569
Conc: 455.56 ng/ml



#32 AR-1260-2

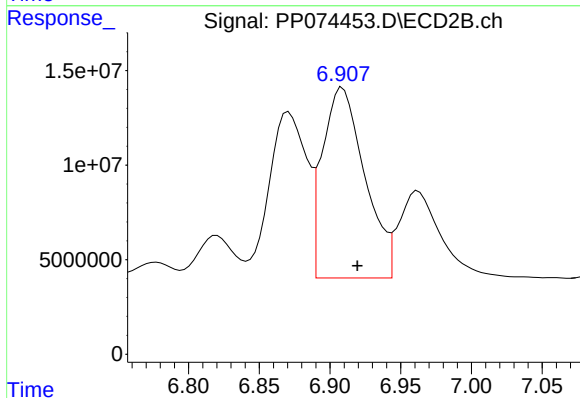
R.T.: 6.699 min
Delta R.T.: -0.010 min
Response: 150110189
Conc: 480.05 ng/ml



#33 AR-1260-3

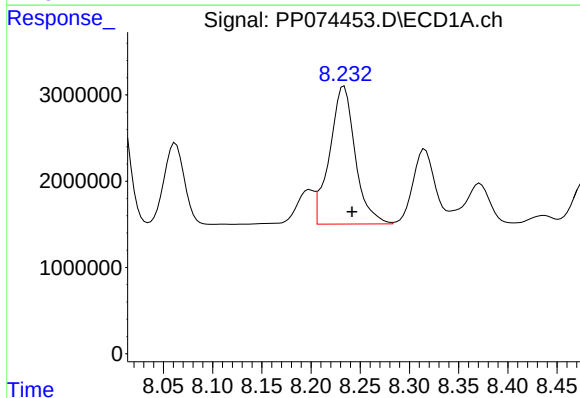
R.T.: 8.006 min
Delta R.T.: -0.008 min
Response: 24552293
Conc: 460.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



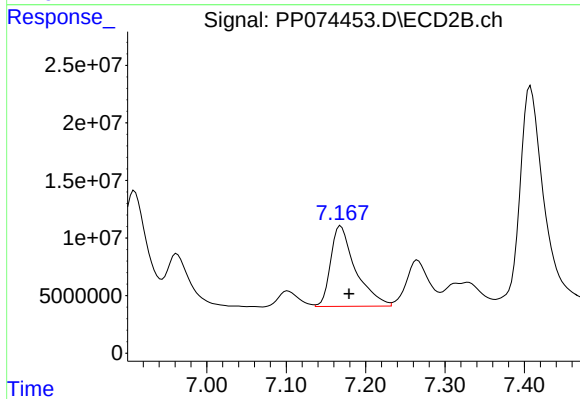
#33 AR-1260-3

R.T.: 6.909 min
Delta R.T.: -0.011 min
Response: 209796732
Conc: 532.32 ng/ml



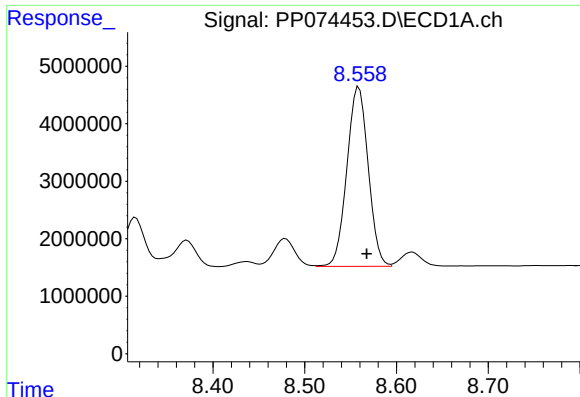
#34 AR-1260-4

R.T.: 8.234 min
Delta R.T.: -0.008 min
Response: 28901676
Conc: 461.58 ng/ml



#34 AR-1260-4

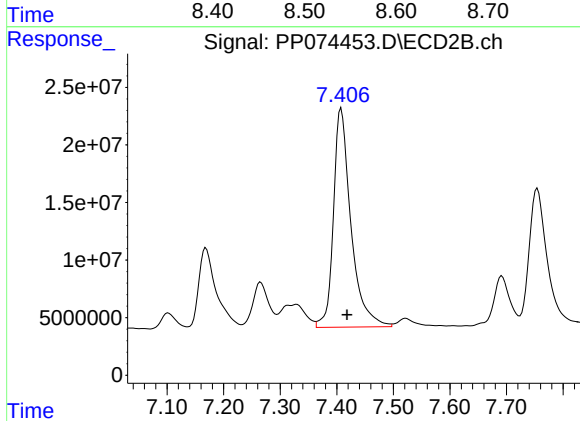
R.T.: 7.169 min
Delta R.T.: -0.011 min
Response: 151721527
Conc: 521.42 ng/ml



#35 AR-1260-5

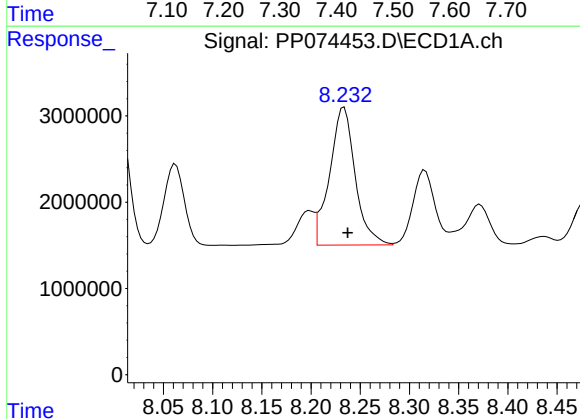
R.T.: 8.559 min
Delta R.T.: -0.009 min
Response: 50402382
Conc: 444.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



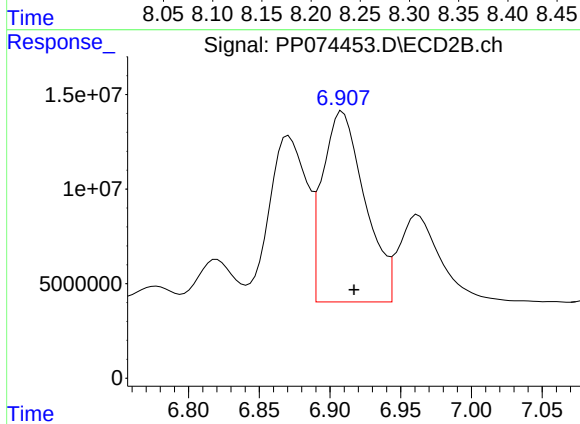
#35 AR-1260-5

R.T.: 7.408 min
Delta R.T.: -0.010 min
Response: 408202669
Conc: 538.95 ng/ml



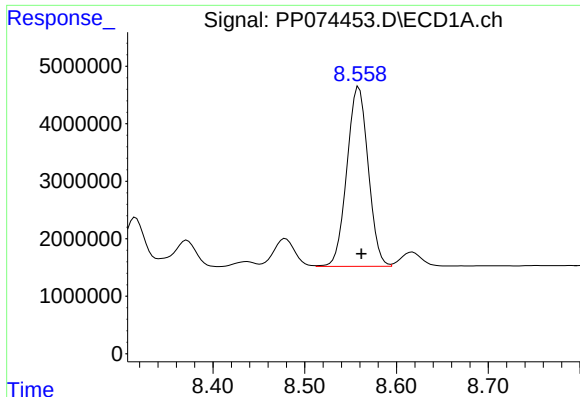
#36 AR-1262-1

R.T.: 8.234 min
Delta R.T.: -0.004 min
Response: 28901676
Conc: 381.34 ng/ml



#36 AR-1262-1

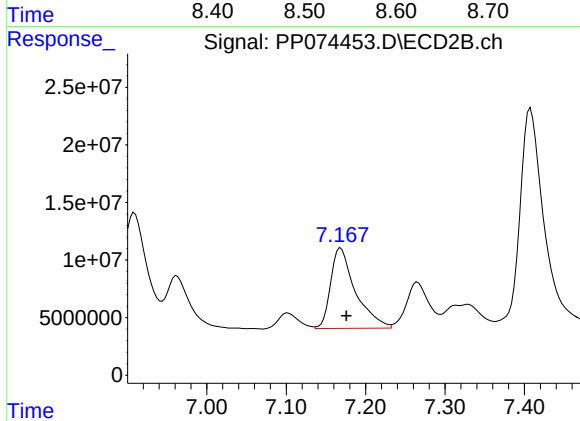
R.T.: 6.909 min
Delta R.T.: -0.008 min
Response: 209796732
Conc: 372.55 ng/ml



#37 AR-1262-2

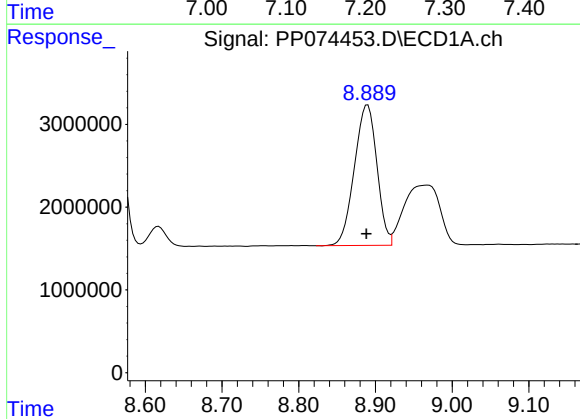
R.T.: 8.559 min
Delta R.T.: -0.003 min
Response: 50402382
Conc: 386.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



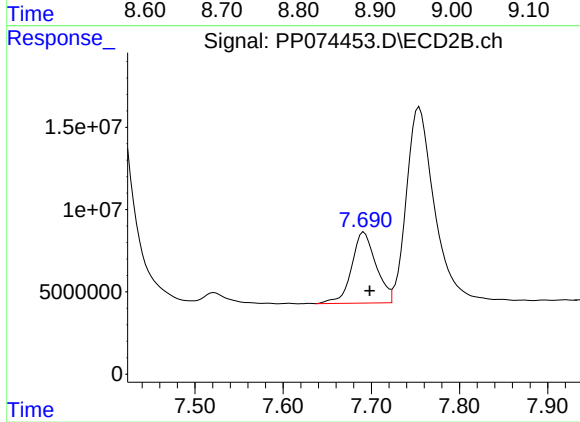
#37 AR-1262-2

R.T.: 7.169 min
Delta R.T.: -0.007 min
Response: 151721527
Conc: 378.34 ng/ml



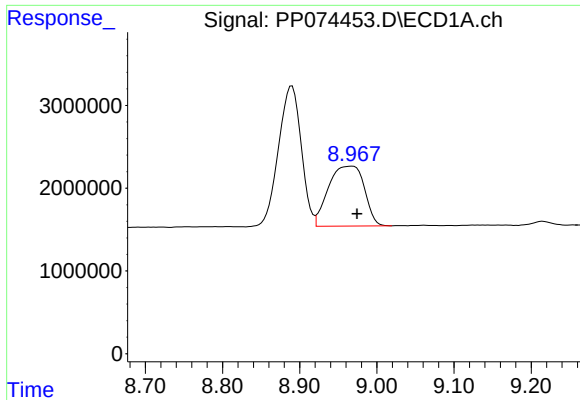
#38 AR-1262-3

R.T.: 8.890 min
Delta R.T.: 0.002 min
Response: 34758832
Conc: 369.50 ng/ml



#38 AR-1262-3

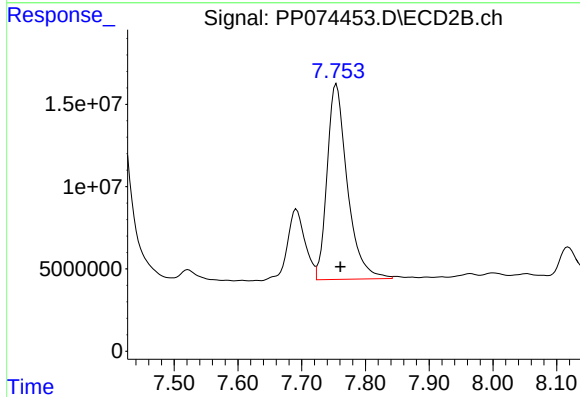
R.T.: 7.692 min
Delta R.T.: -0.007 min
Response: 82919127
Conc: 230.67 ng/ml



#39 AR-1262-4

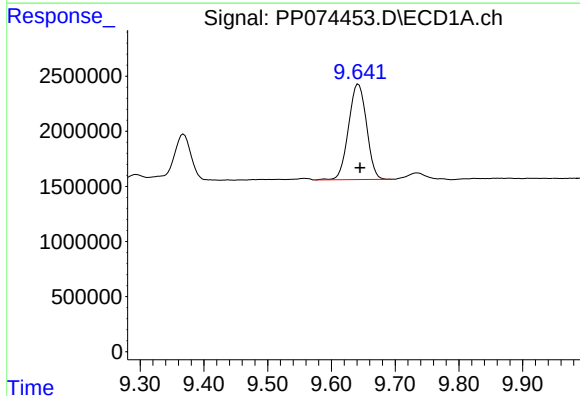
R.T.: 8.968 min
Delta R.T.: -0.006 min
Response: 23365682
Conc: 320.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



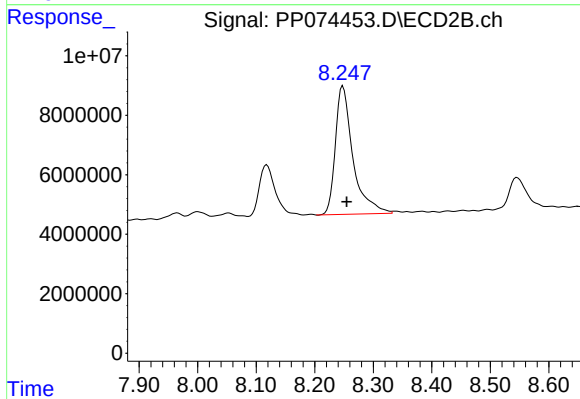
#39 AR-1262-4

R.T.: 7.755 min
Delta R.T.: -0.006 min
Response: 262567378
Conc: 393.70 ng/ml



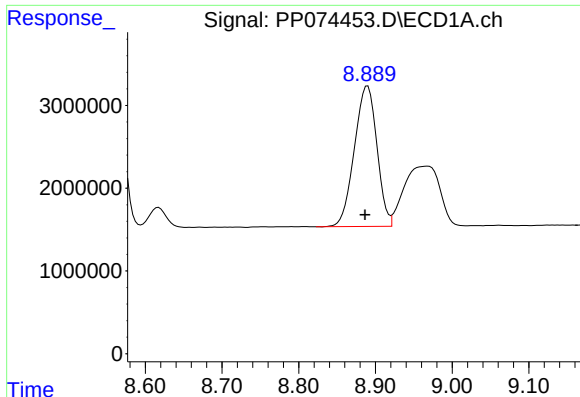
#40 AR-1262-5

R.T.: 9.642 min
Delta R.T.: -0.002 min
Response: 16979554
Conc: 333.44 ng/ml



#40 AR-1262-5

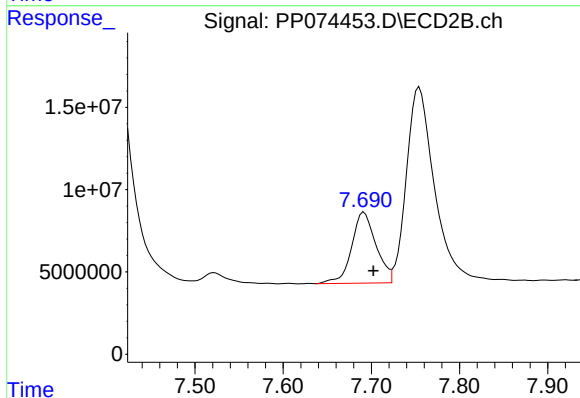
R.T.: 8.248 min
Delta R.T.: -0.007 min
Response: 90155680
Conc: 318.27 ng/ml



#41 AR-1268-1

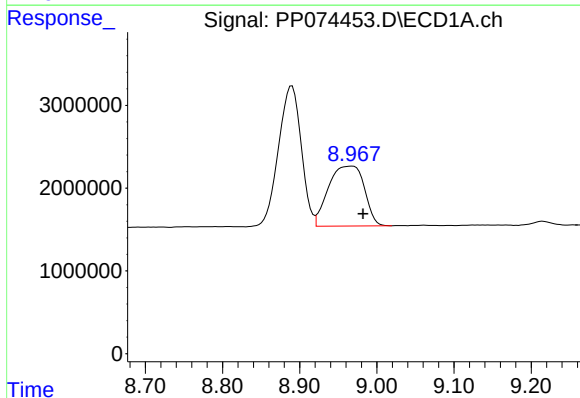
R.T.: 8.890 min
Delta R.T.: 0.004 min
Response: 34758832
Conc: 223.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



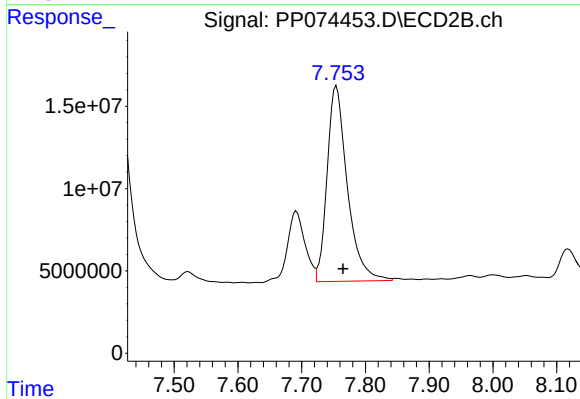
#41 AR-1268-1

R.T.: 7.692 min
Delta R.T.: -0.011 min
Response: 82919127
Conc: 76.05 ng/ml



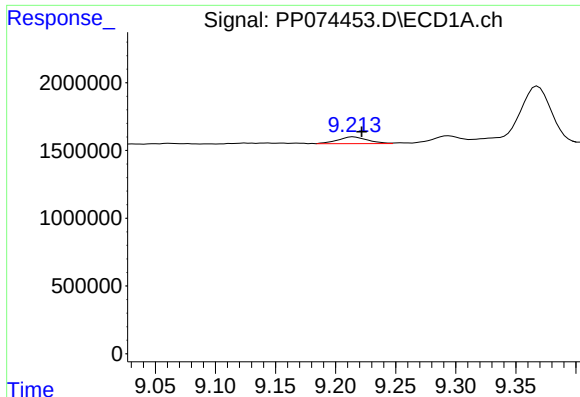
#42 AR-1268-2

R.T.: 8.968 min
Delta R.T.: -0.014 min
Response: 23365682
Conc: 162.91 ng/ml



#42 AR-1268-2

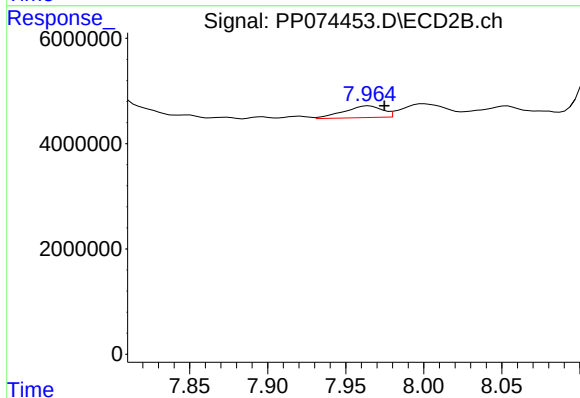
R.T.: 7.755 min
Delta R.T.: -0.011 min
Response: 262567378
Conc: 247.40 ng/ml



#43 AR-1268-3

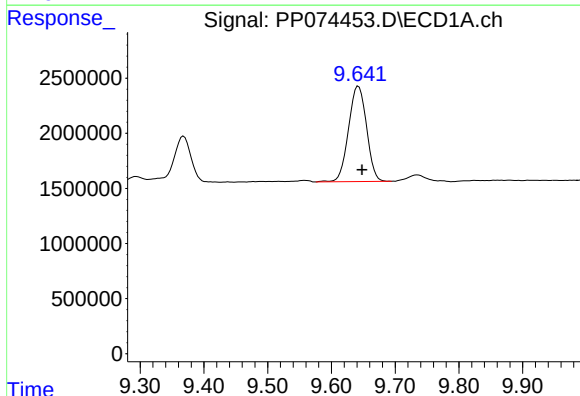
R.T.: 9.215 min
Delta R.T.: -0.007 min
Response: 855005
Conc: 7.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



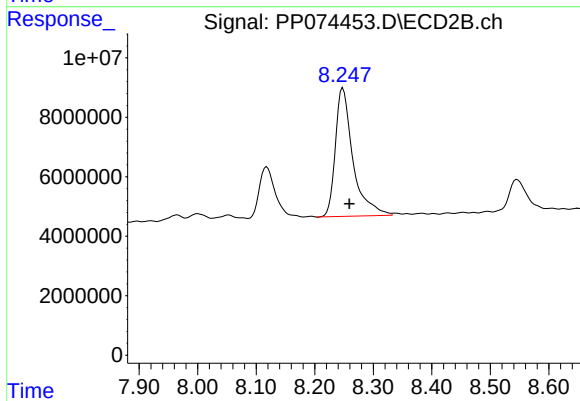
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.010 min
Response: 3781619
Conc: 4.55 ng/ml



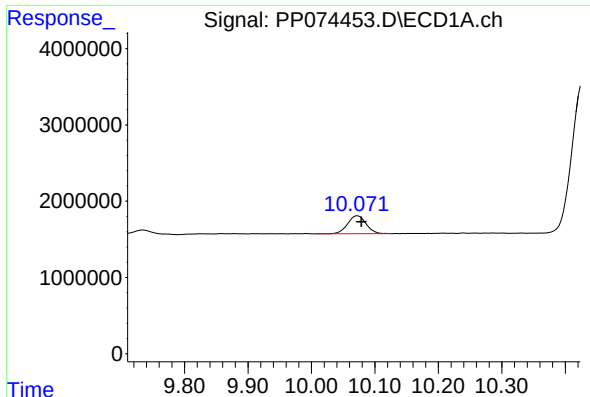
#44 AR-1268-4

R.T.: 9.642 min
Delta R.T.: -0.006 min
Response: 16979554
Conc: 288.71 ng/ml



#44 AR-1268-4

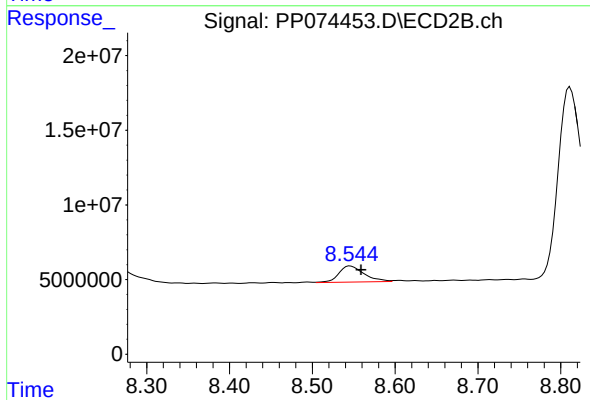
R.T.: 8.248 min
Delta R.T.: -0.011 min
Response: 90155680
Conc: 292.66 ng/ml



#45 AR-1268-5

R.T.: 10.073 min
Delta R.T.: -0.006 min
Response: 4808517
Conc: 13.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.546 min
Delta R.T.: -0.013 min
Response: 22845635
Conc: 8.96 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074465.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 18:18
 Operator : YP\AJ
 Sample : Q2889-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PL-02-081525-MS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:14:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.800	26292467	80989907	23.511	21.122
2)	SA Decachlor...	10.432	8.815	18625822	95648038	19.179	15.905
Target Compounds							
3)	L1 AR-1016-1	5.807	4.900	21832747	215.3E6	529.191	539.779
4)	L1 AR-1016-2	5.829	4.957	31508469	103.0E6	518.729	548.393
5)	L1 AR-1016-3	5.892	5.076	21313061	57471947	537.387	541.832
6)	L1 AR-1016-4	5.989	5.117	20132833	59295029	618.625	542.895
7)	L1 AR-1016-5	6.281	5.332	17384518	66636548	535.435	569.722
8)	L2 AR-1221-1	4.852	4.010	2905648	6112171	173.331	124.522 #
9)	L2 AR-1221-2	4.941	4.097	2798774	7919308	222.106	220.659
10)	L2 AR-1221-3	5.017	4.173	12241910	42557745	334.157	314.719
11)	L3 AR-1232-1	5.017	4.173	12241910	42557745	421.592	419.857
12)	L3 AR-1232-2	5.543	4.900	16809640	215.3E6	1117.461	1235.529
13)	L3 AR-1232-3	5.829	5.076	31508469	57471947	1086.435	1254.391
14)	L3 AR-1232-4	5.989	5.160	20132833	103.2E6	1301.510	1778.339 #
15)	L3 AR-1232-5	6.079	5.332	17136702	66636548	1462.674	1418.419
16)	L4 AR-1242-1	5.807	4.900	21832747	215.3E6	585.865	623.836
17)	L4 AR-1242-2	5.829	4.957	31508469	103.0E6	579.105	630.400
18)	L4 AR-1242-3	5.892	5.076	21313061	57471947	596.405	623.012
19)	L4 AR-1242-4	5.989	5.160	20132833	103.2E6	689.041	863.853 #
20)	L4 AR-1242-5	6.696	5.682	10976323	92669982	308.688	619.617 #
21)	L5 AR-1248-1	5.807	4.900	21832747	215.3E6	779.336	1006.447 #
22)	L5 AR-1248-2	6.079	5.117	17136702	59295029	425.640	405.263
23)	L5 AR-1248-3	6.281	5.160	17384518	103.2E6	390.019	601.672 #
24)	L5 AR-1248-4	6.696	5.332	10976323	66636548	210.932	400.524 #
25)	L5 AR-1248-5	6.696	5.682	10976323	92669982	192.759	318.491 #
26)	L6 AR-1254-1	6.655	5.682	14565303	92669982	276.691	253.071
27)	L6 AR-1254-2	6.871	5.828	14213418	58456021	178.775	210.109
28)	L6 AR-1254-3	7.234	6.246	8337105	111.3E6	95.482	227.574 #
29)	L6 AR-1254-4	7.516	6.458	5764085	7602650	90.333	20.684 #
30)	L6 AR-1254-5	7.930	6.874	45748982	169.8E6	563.795	440.920
31)	L7 AR-1260-1	7.399	6.548	28248780	196.3E6	501.255	485.884
32)	L7 AR-1260-2	7.651	6.702	33630673	138.5E6	493.463	442.897
33)	L7 AR-1260-3	8.009	6.910	21732914	165.9E6	407.778	420.988
34)	L7 AR-1260-4	8.236	7.172	32598486	121.8E6	520.618	418.458
35)	L7 AR-1260-5	8.563	7.410	46130195	319.6E6	407.133	421.991
36)	L8 AR-1262-1	8.236	6.910	32598486	165.9E6	430.118	294.630 #
37)	L8 AR-1262-2	8.563	7.172	46130195	121.8E6	353.678	303.630
38)	L8 AR-1262-3	8.895	7.693	32022699	55334589	340.410	153.934 #
39)	L8 AR-1262-4	8.970	7.757	9138478	203.8E6	125.439	305.627 #
40)	L8 AR-1262-5	9.647	8.251	12960526	59991440	254.514	211.783
41)	L9 AR-1268-1	8.895	7.693	32022699	55334589	205.758	50.753 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074465.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:18
Operator : YP\AJ
Sample : Q2889-01MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

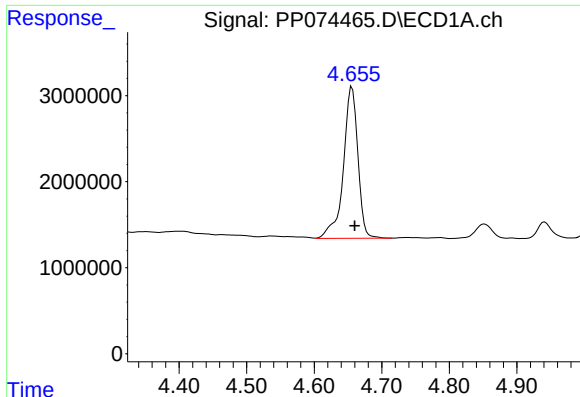
Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:14:56 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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
42) L9	AR-1268-2	8.970	7.757	9138478	203.8E6	63.716	192.051 #
43) L9	AR-1268-3	9.218	7.969	1436589	3963065	12.024	4.764 #
44) L9	AR-1268-4	9.647	8.251	12960526	59991440	220.370	194.740
45) L9	AR-1268-5	10.077	8.550	4456070	19506485	12.670	7.649 #

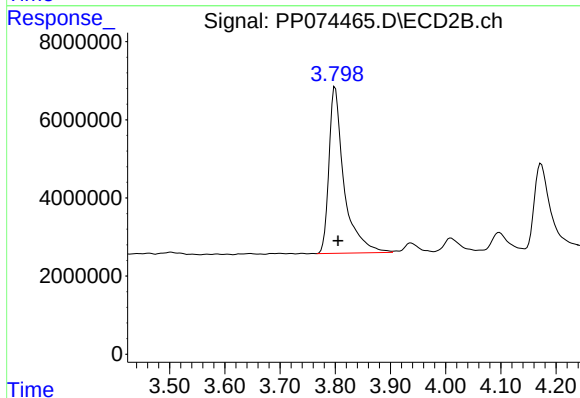
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

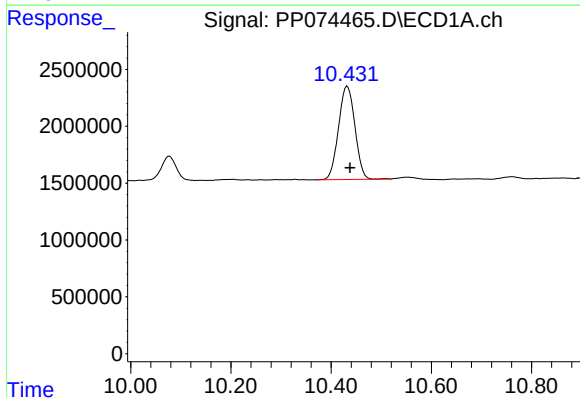
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 26292467
Conc: 23.51 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



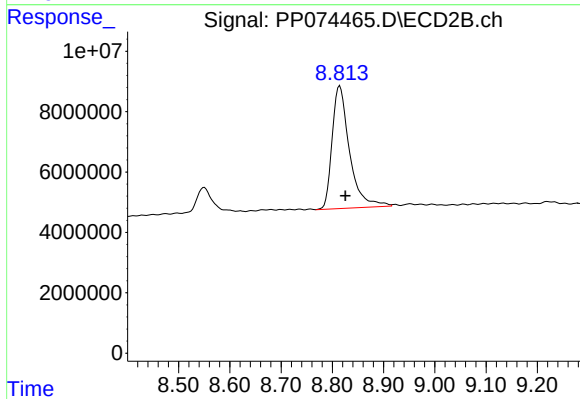
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 80989907
Conc: 21.12 ng/ml



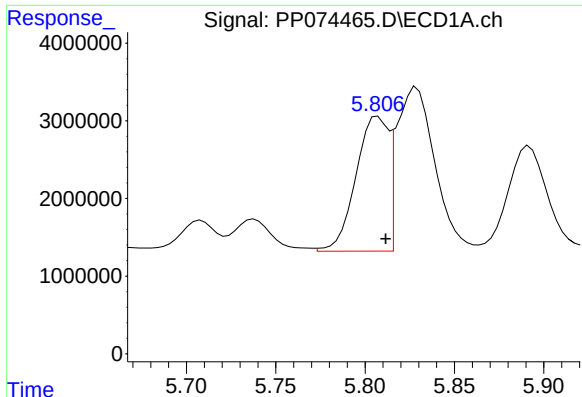
#2 Decachlorobiphenyl

R.T.: 10.432 min
Delta R.T.: -0.006 min
Response: 18625822
Conc: 19.18 ng/ml



#2 Decachlorobiphenyl

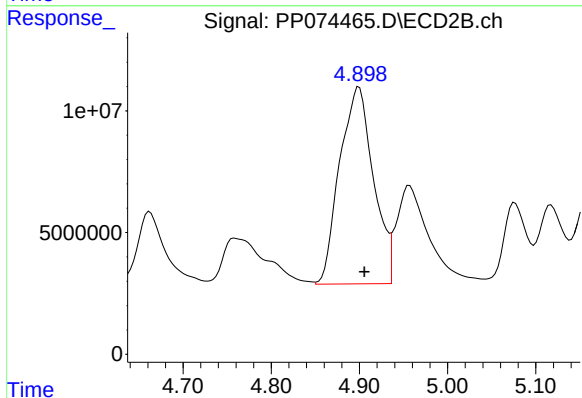
R.T.: 8.815 min
Delta R.T.: -0.011 min
Response: 95648038
Conc: 15.91 ng/ml



#3 AR-1016-1

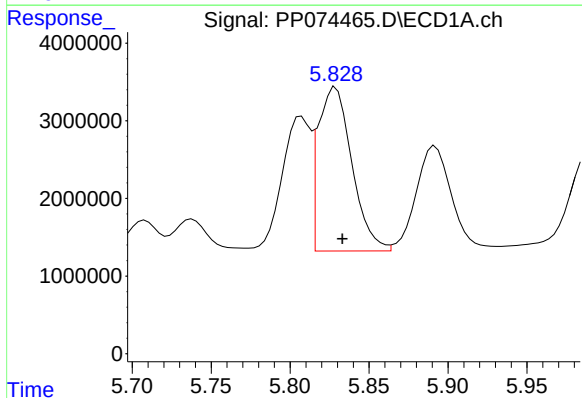
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 21832747
Conc: 529.19 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



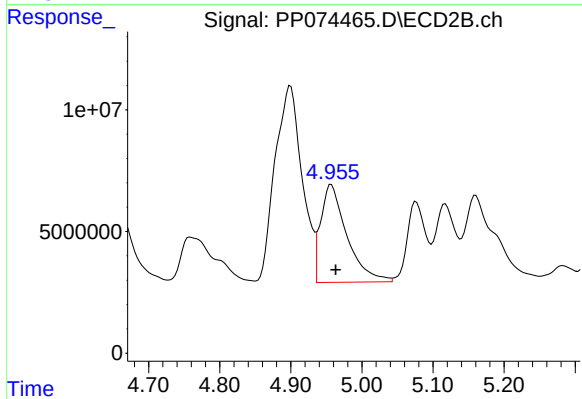
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 215311022
Conc: 539.78 ng/ml



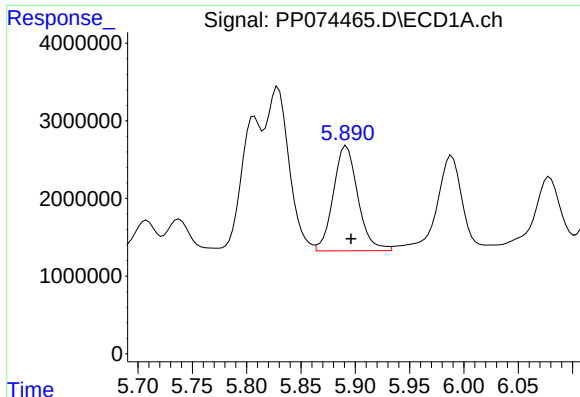
#4 AR-1016-2

R.T.: 5.829 min
Delta R.T.: -0.004 min
Response: 31508469
Conc: 518.73 ng/ml



#4 AR-1016-2

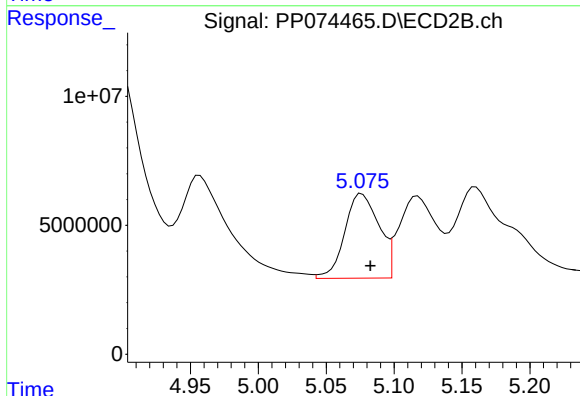
R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 102993200
Conc: 548.39 ng/ml



#5 AR-1016-3

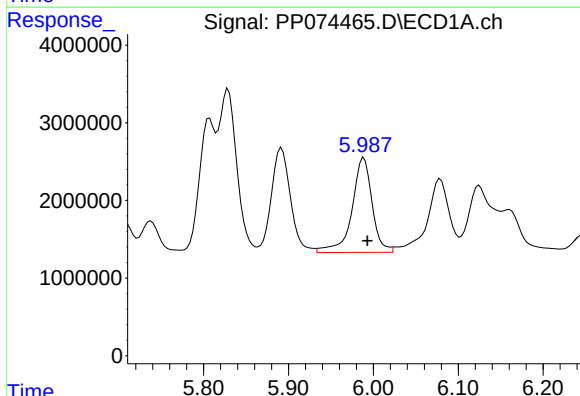
R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21313061
Conc: 537.39 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



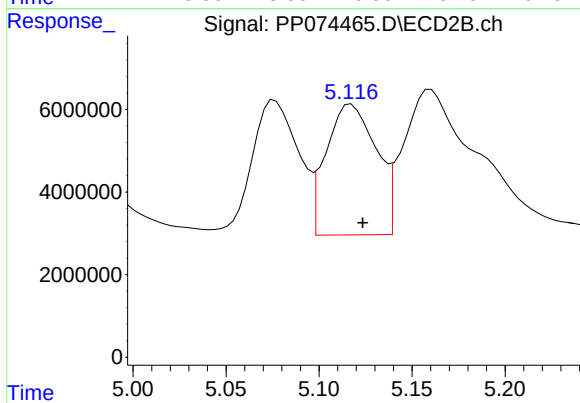
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 57471947
Conc: 541.83 ng/ml



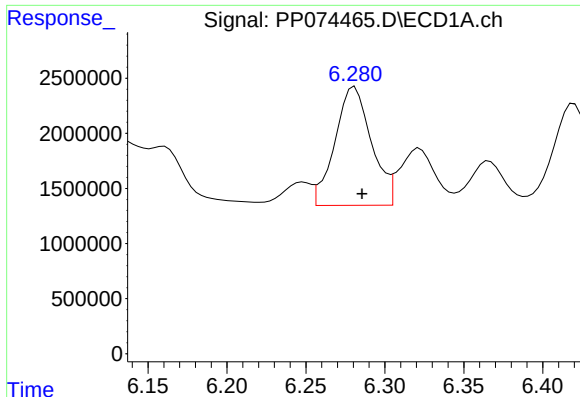
#6 AR-1016-4

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 20132833
Conc: 618.63 ng/ml



#6 AR-1016-4

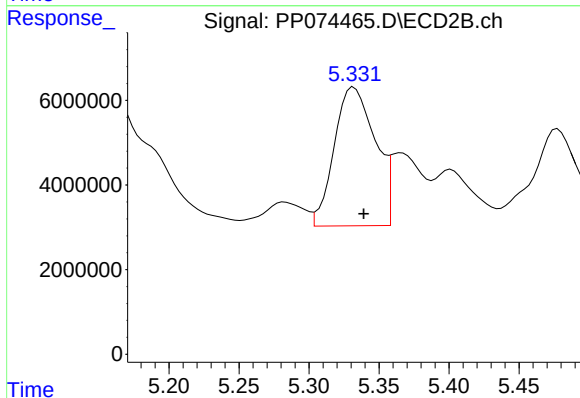
R.T.: 5.117 min
Delta R.T.: -0.006 min
Response: 59295029
Conc: 542.90 ng/ml



#7 AR-1016-5

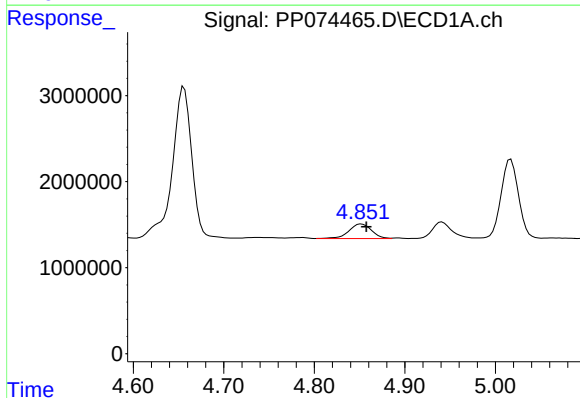
R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 17384518
Conc: 535.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



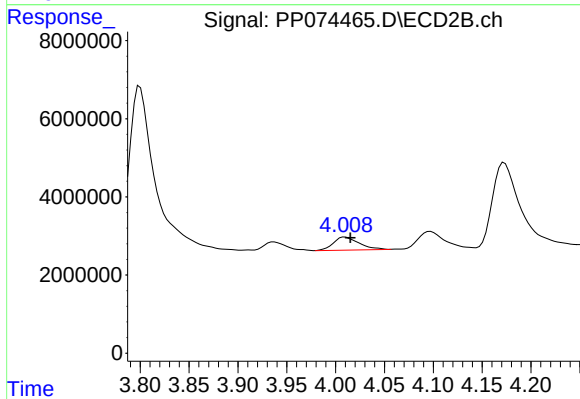
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 66636548
Conc: 569.72 ng/ml



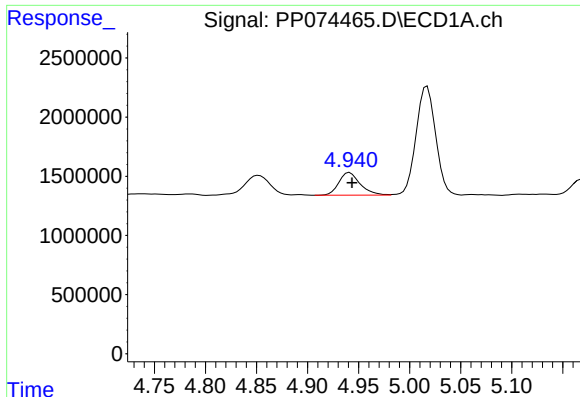
#8 AR-1221-1

R.T.: 4.852 min
Delta R.T.: -0.006 min
Response: 2905648
Conc: 173.33 ng/ml



#8 AR-1221-1

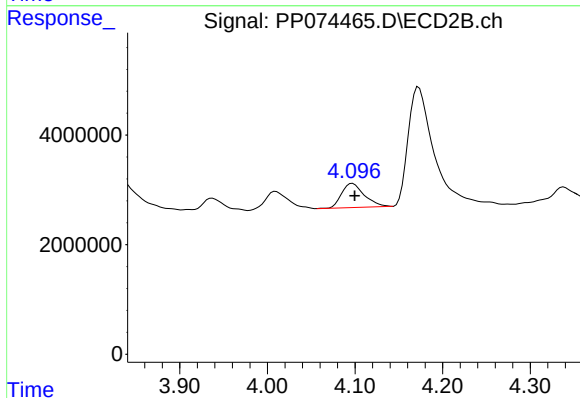
R.T.: 4.010 min
Delta R.T.: -0.006 min
Response: 6112171
Conc: 124.52 ng/ml



#9 AR-1221-2

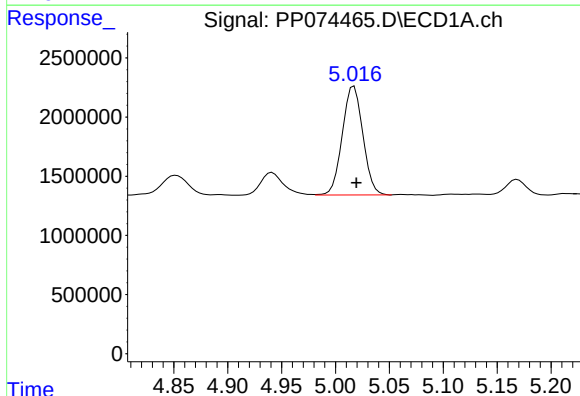
R.T.: 4.941 min
Delta R.T.: -0.002 min
Response: 2798774
Conc: 222.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



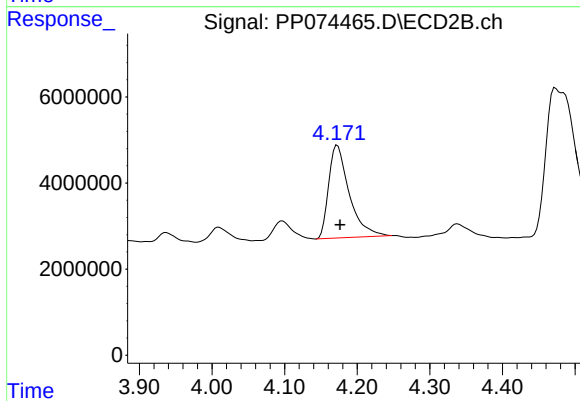
#9 AR-1221-2

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 7919308
Conc: 220.66 ng/ml



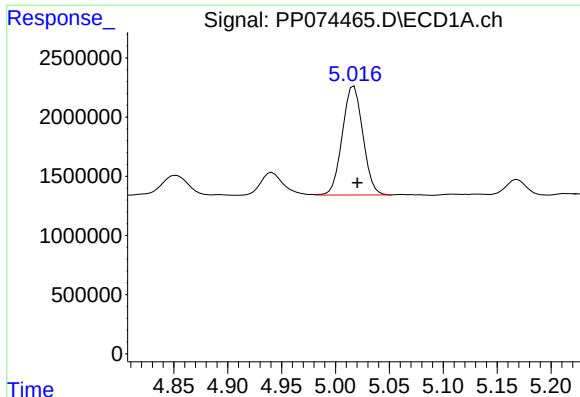
#10 AR-1221-3

R.T.: 5.017 min
Delta R.T.: -0.002 min
Response: 12241910
Conc: 334.16 ng/ml



#10 AR-1221-3

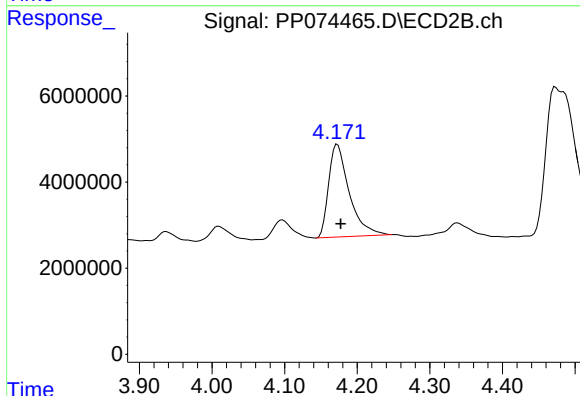
R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 42557745
Conc: 314.72 ng/ml



#11 AR-1232-1

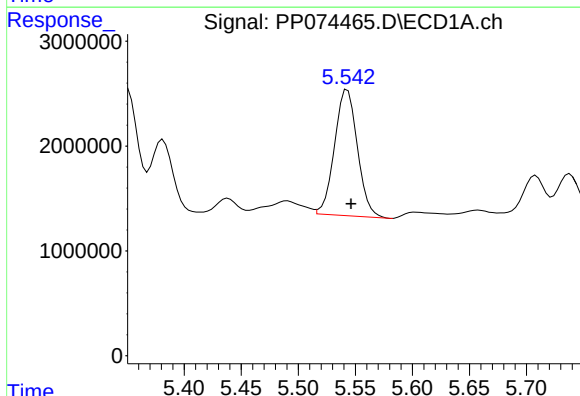
R.T.: 5.017 min
Delta R.T.: -0.003 min
Response: 12241910
Conc: 421.59 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



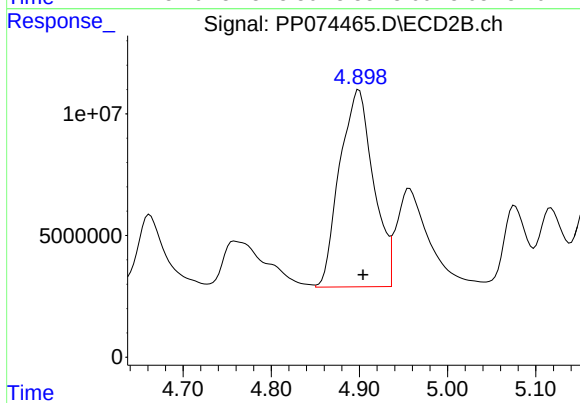
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: -0.004 min
Response: 42557745
Conc: 419.86 ng/ml



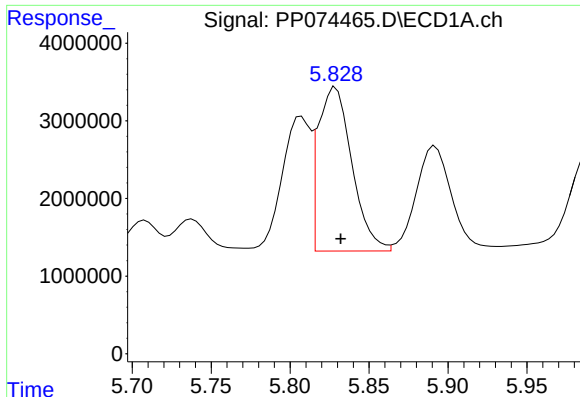
#12 AR-1232-2

R.T.: 5.543 min
Delta R.T.: -0.003 min
Response: 16809640
Conc: 1117.46 ng/ml



#12 AR-1232-2

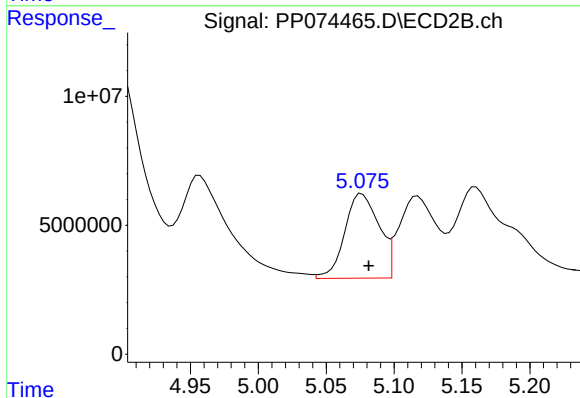
R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 215311022
Conc: 1235.53 ng/ml



#13 AR-1232-3

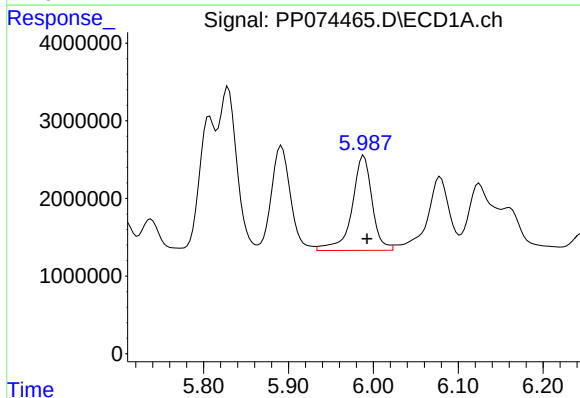
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 31508469
Conc: 1086.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



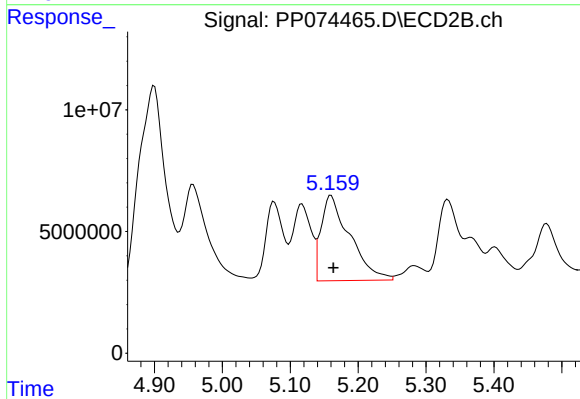
#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: -0.005 min
Response: 57471947
Conc: 1254.39 ng/ml



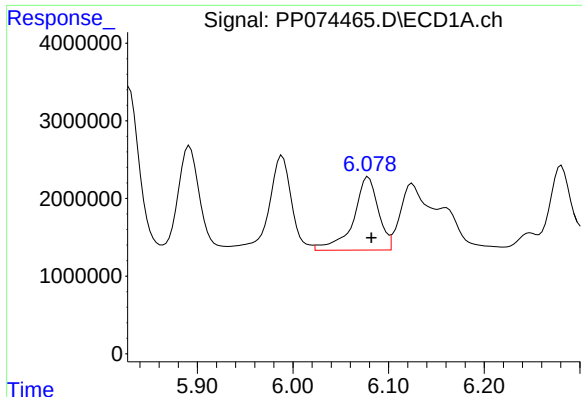
#14 AR-1232-4

R.T.: 5.989 min
Delta R.T.: -0.004 min
Response: 20132833
Conc: 1301.51 ng/ml



#14 AR-1232-4

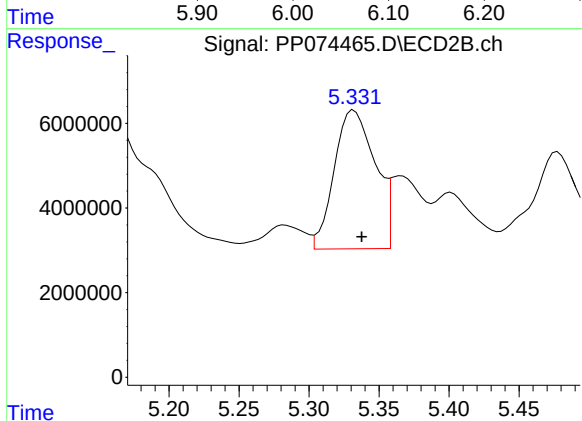
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 103162734
Conc: 1778.34 ng/ml



#15 AR-1232-5

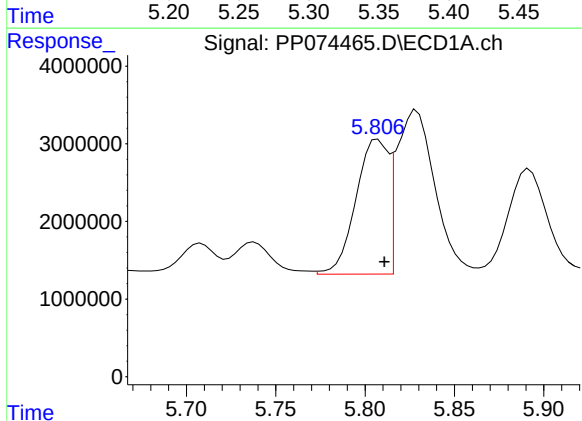
R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 17136702
Conc: 1462.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



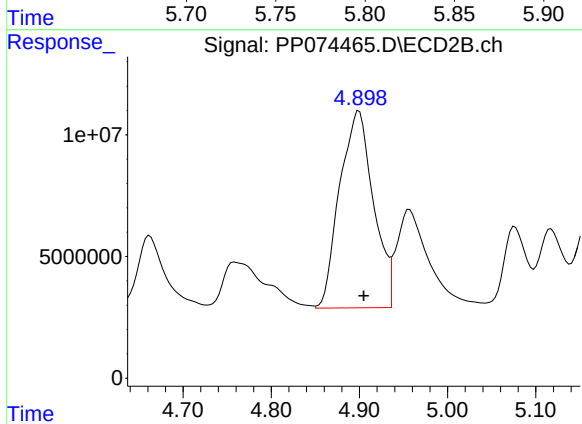
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 66636548
Conc: 1418.42 ng/ml



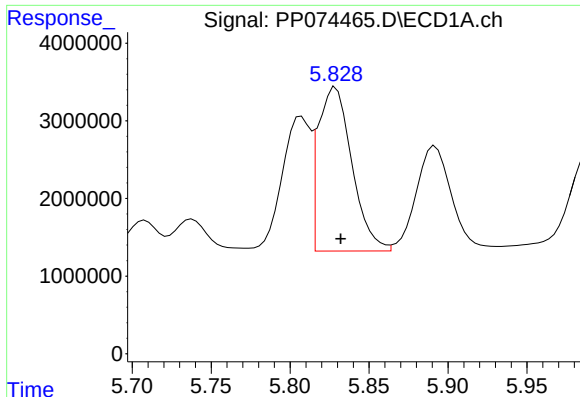
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 21832747
Conc: 585.87 ng/ml



#16 AR-1242-1

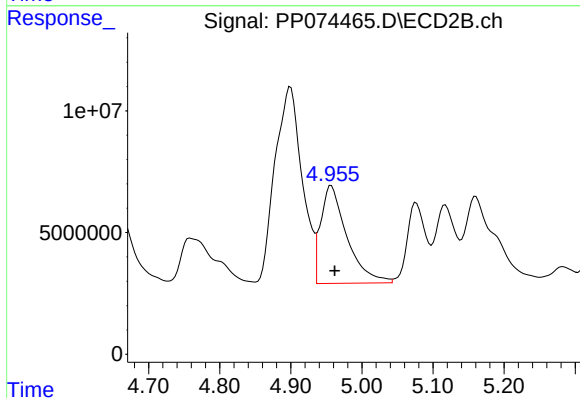
R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 215311022
Conc: 623.84 ng/ml



#17 AR-1242-2

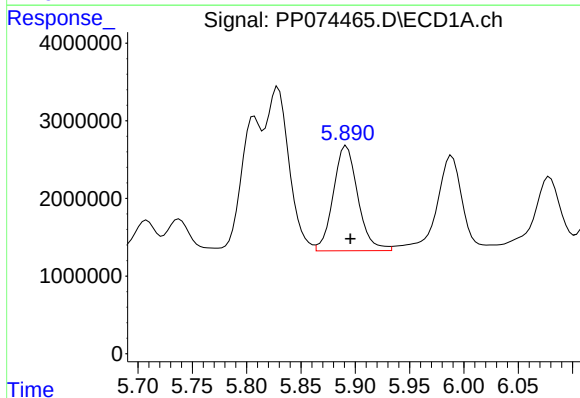
R.T.: 5.829 min
Delta R.T.: -0.003 min
Response: 31508469
Conc: 579.10 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



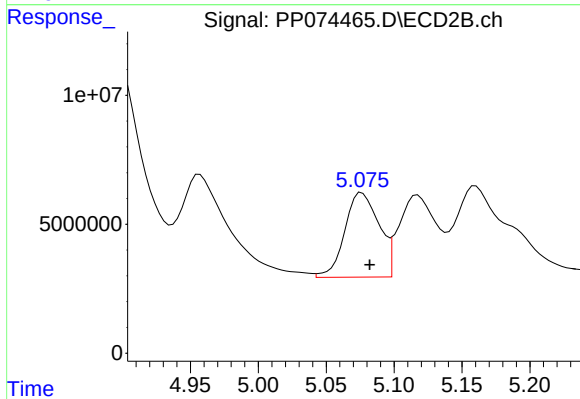
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 102993200
Conc: 630.40 ng/ml



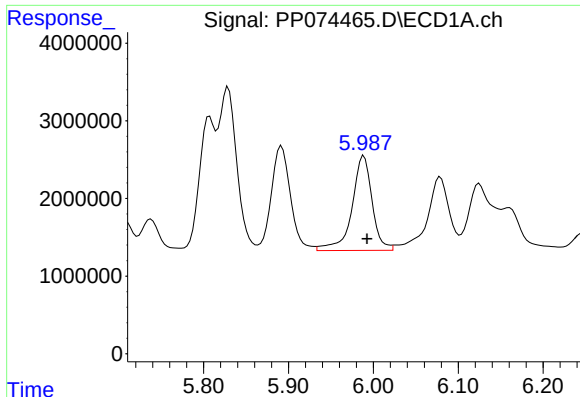
#18 AR-1242-3

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21313061
Conc: 596.41 ng/ml



#18 AR-1242-3

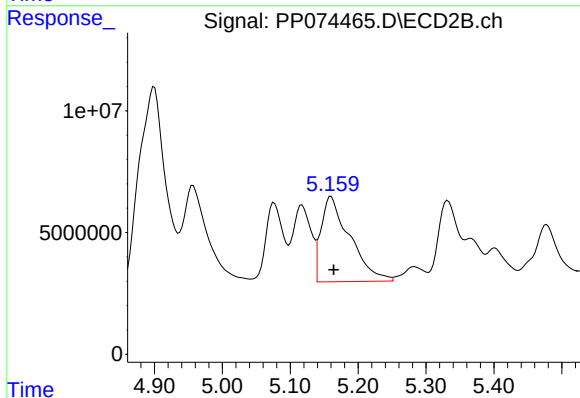
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 57471947
Conc: 623.01 ng/ml



#19 AR-1242-4

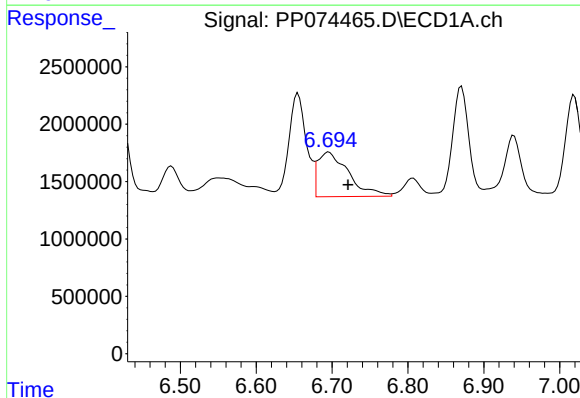
R.T.: 5.989 min
Delta R.T.: -0.003 min
Response: 20132833
Conc: 689.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



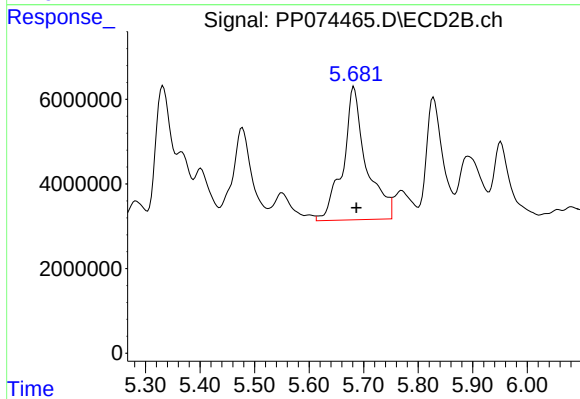
#19 AR-1242-4

R.T.: 5.160 min
Delta R.T.: -0.004 min
Response: 103162734
Conc: 863.85 ng/ml



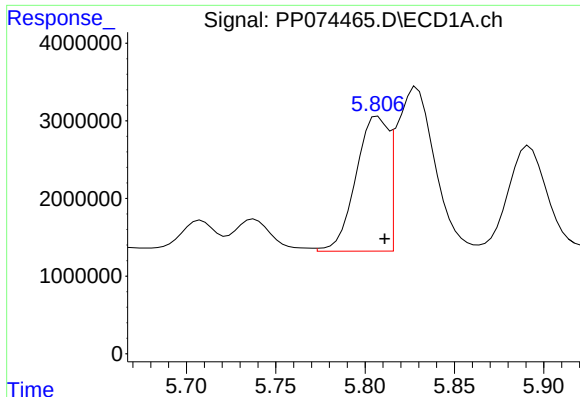
#20 AR-1242-5

R.T.: 6.696 min
Delta R.T.: -0.025 min
Response: 10976323
Conc: 308.69 ng/ml



#20 AR-1242-5

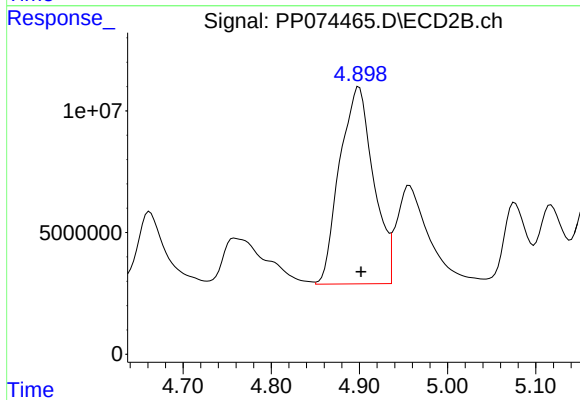
R.T.: 5.682 min
Delta R.T.: -0.004 min
Response: 92669982
Conc: 619.62 ng/ml



#21 AR-1248-1

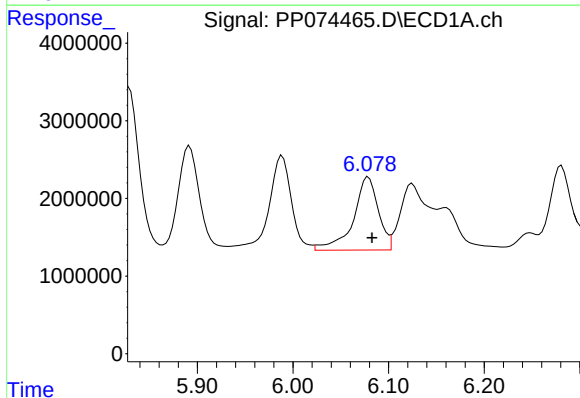
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 21832747
Conc: 779.34 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



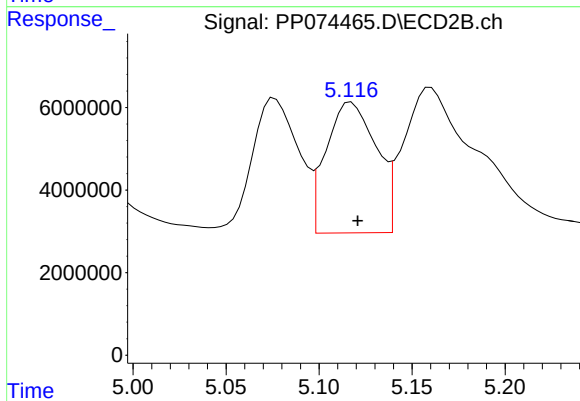
#21 AR-1248-1

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 215311022
Conc: 1006.45 ng/ml



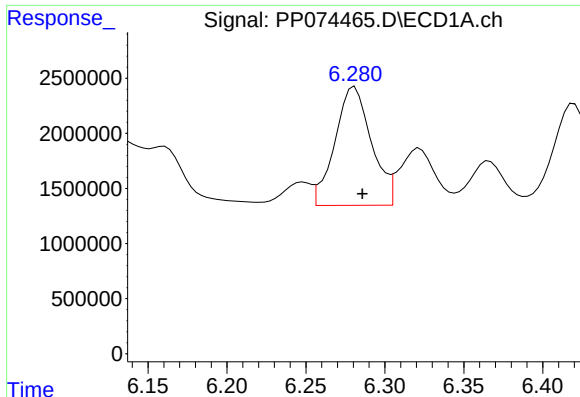
#22 AR-1248-2

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 17136702
Conc: 425.64 ng/ml



#22 AR-1248-2

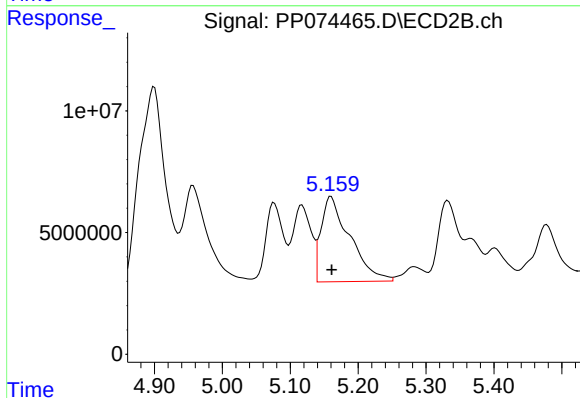
R.T.: 5.117 min
Delta R.T.: -0.004 min
Response: 59295029
Conc: 405.26 ng/ml



#23 AR-1248-3

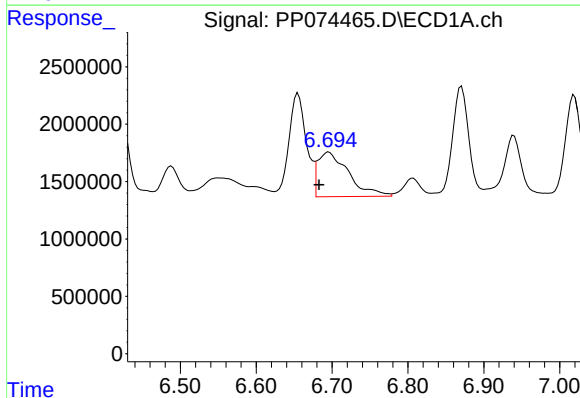
R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 17384518
Conc: 390.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



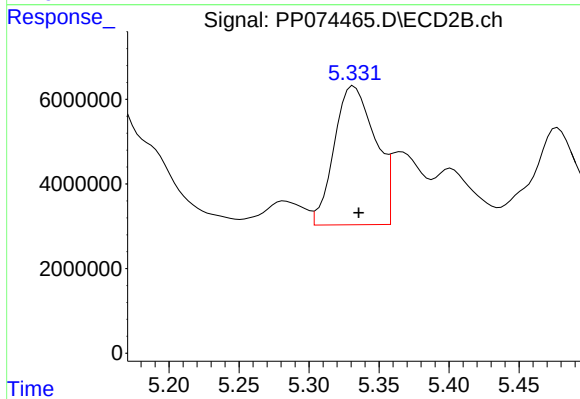
#23 AR-1248-3

R.T.: 5.160 min
Delta R.T.: -0.001 min
Response: 103162734
Conc: 601.67 ng/ml



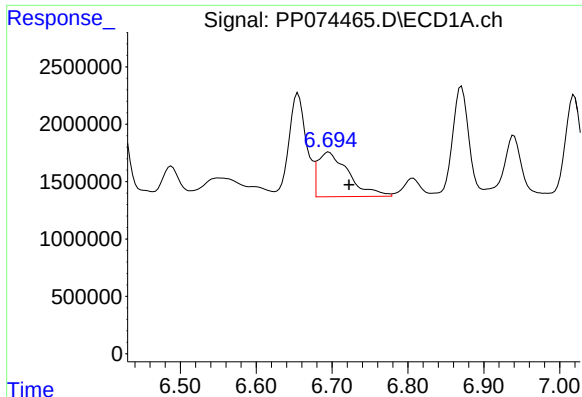
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: 0.013 min
Response: 10976323
Conc: 210.93 ng/ml



#24 AR-1248-4

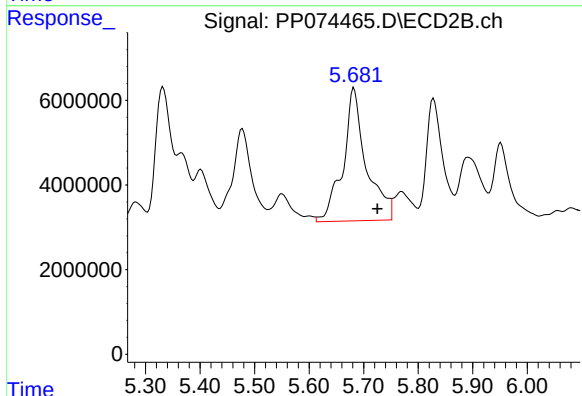
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 66636548
Conc: 400.52 ng/ml



#25 AR-1248-5

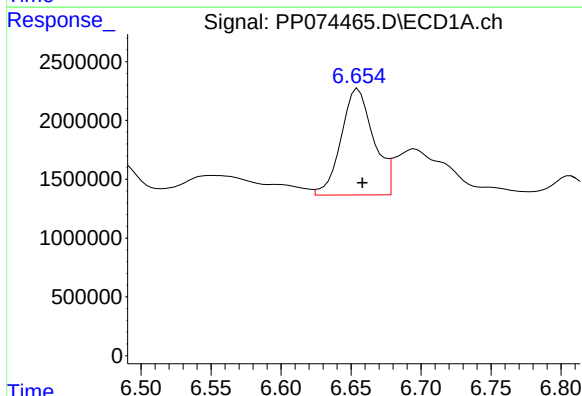
R.T.: 6.696 min
Delta R.T.: -0.027 min
Response: 10976323
Conc: 192.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



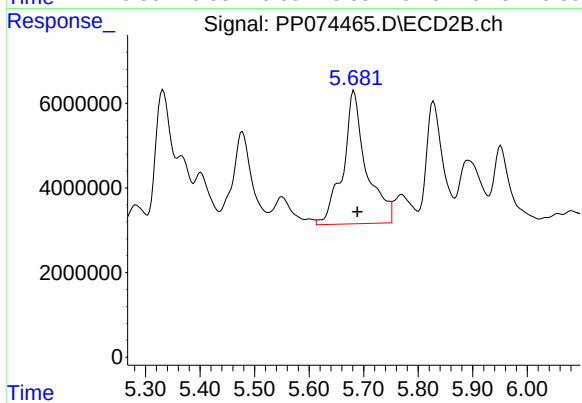
#25 AR-1248-5

R.T.: 5.682 min
Delta R.T.: -0.043 min
Response: 92669982
Conc: 318.49 ng/ml



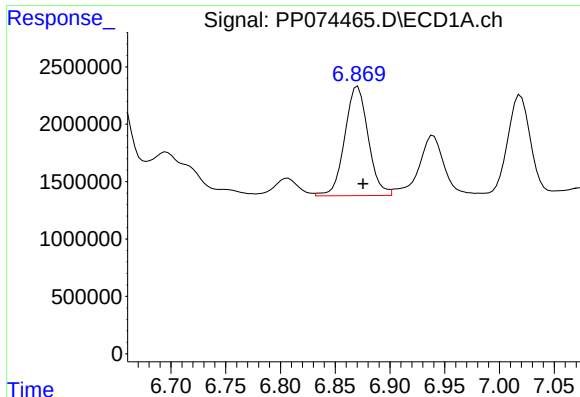
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 14565303
Conc: 276.69 ng/ml



#26 AR-1254-1

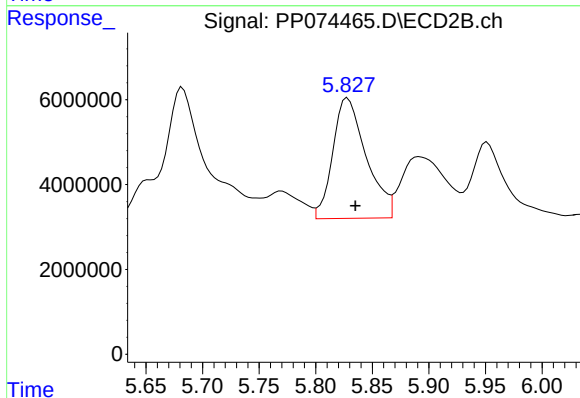
R.T.: 5.682 min
Delta R.T.: -0.006 min
Response: 92669982
Conc: 253.07 ng/ml



#27 AR-1254-2

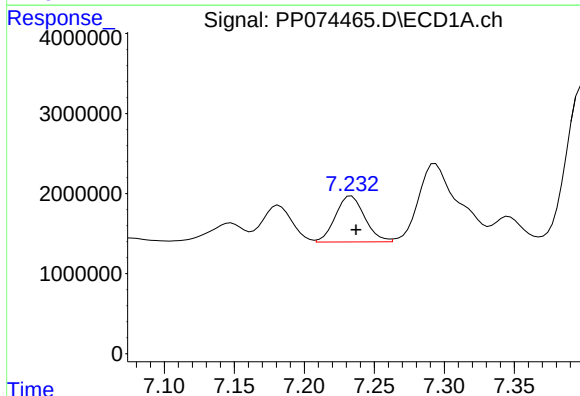
R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 14213418
Conc: 178.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



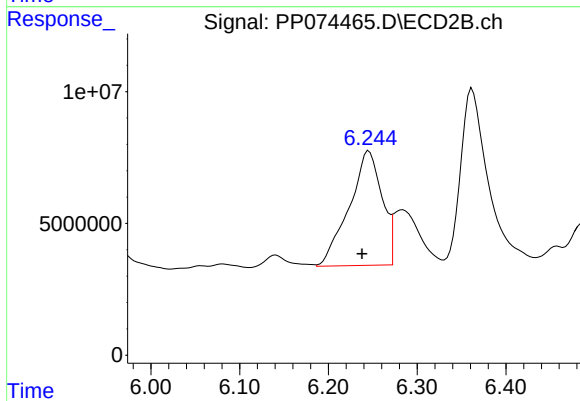
#27 AR-1254-2

R.T.: 5.828 min
Delta R.T.: -0.007 min
Response: 58456021
Conc: 210.11 ng/ml



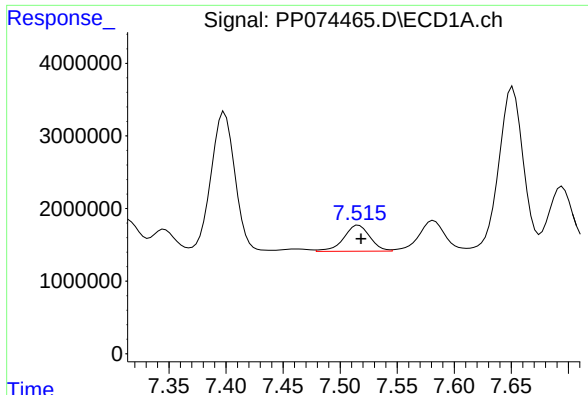
#28 AR-1254-3

R.T.: 7.234 min
Delta R.T.: -0.003 min
Response: 8337105
Conc: 95.48 ng/ml



#28 AR-1254-3

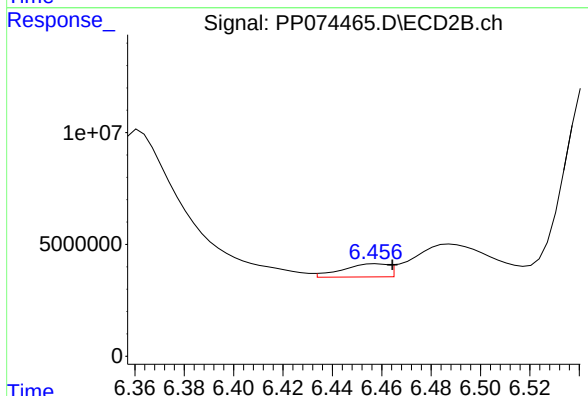
R.T.: 6.246 min
Delta R.T.: 0.008 min
Response: 111331872
Conc: 227.57 ng/ml



#29 AR-1254-4

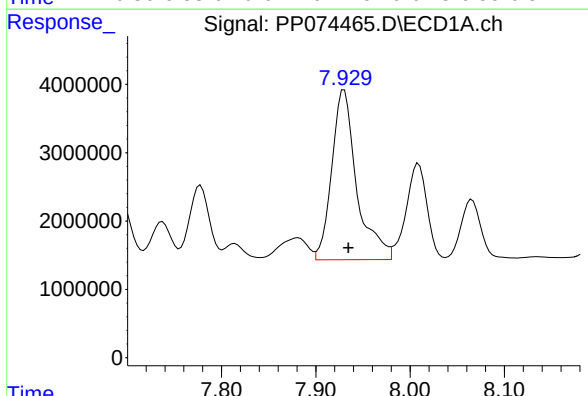
R.T.: 7.516 min
Delta R.T.: -0.002 min
Response: 5764085
Conc: 90.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



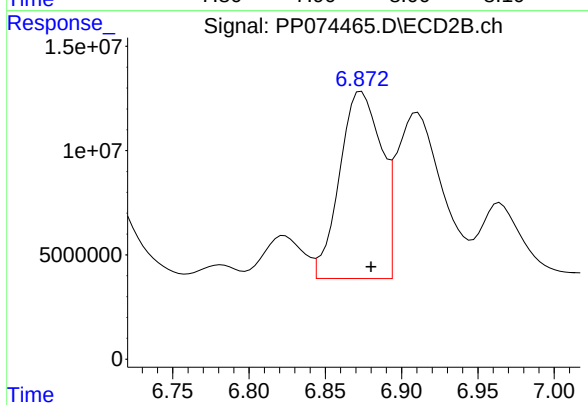
#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 7602650
Conc: 20.68 ng/ml



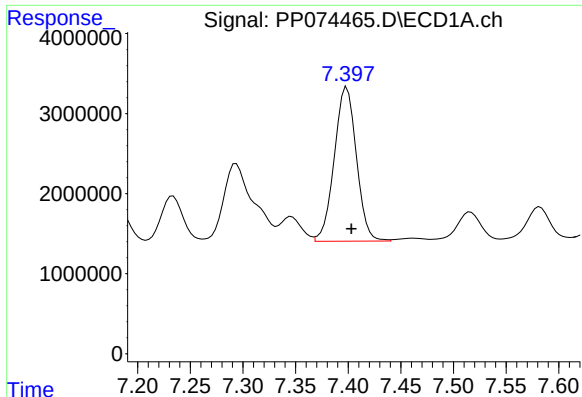
#30 AR-1254-5

R.T.: 7.930 min
Delta R.T.: -0.004 min
Response: 45748982
Conc: 563.79 ng/ml



#30 AR-1254-5

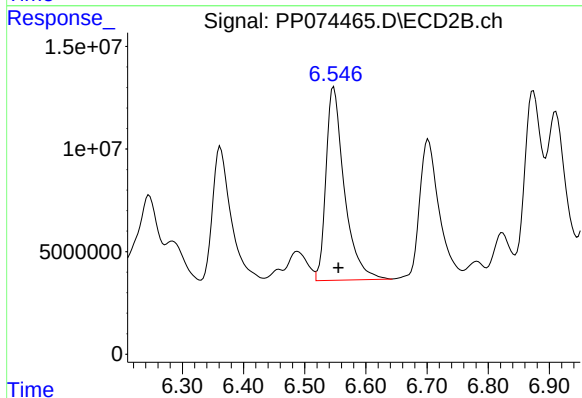
R.T.: 6.874 min
Delta R.T.: -0.006 min
Response: 169827737
Conc: 440.92 ng/ml



#31 AR-1260-1

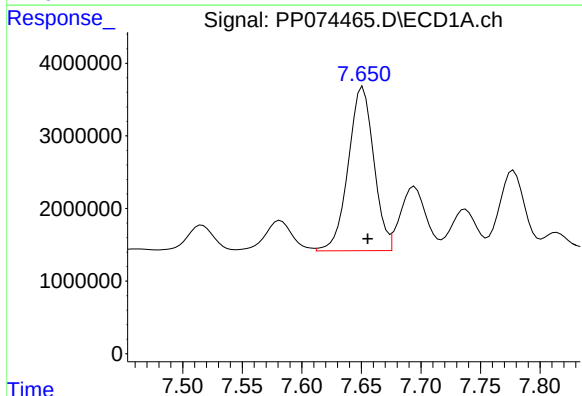
R.T.: 7.399 min
Delta R.T.: -0.005 min
Response: 28248780
Conc: 501.26 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



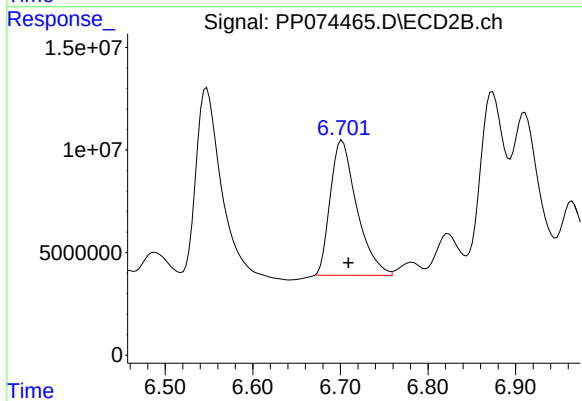
#31 AR-1260-1

R.T.: 6.548 min
Delta R.T.: -0.007 min
Response: 196276452
Conc: 485.88 ng/ml



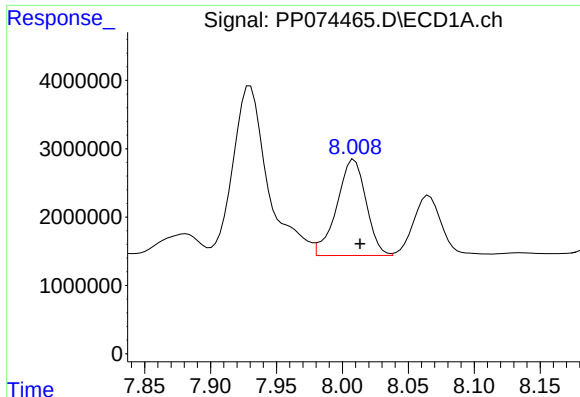
#32 AR-1260-2

R.T.: 7.651 min
Delta R.T.: -0.004 min
Response: 33630673
Conc: 493.46 ng/ml



#32 AR-1260-2

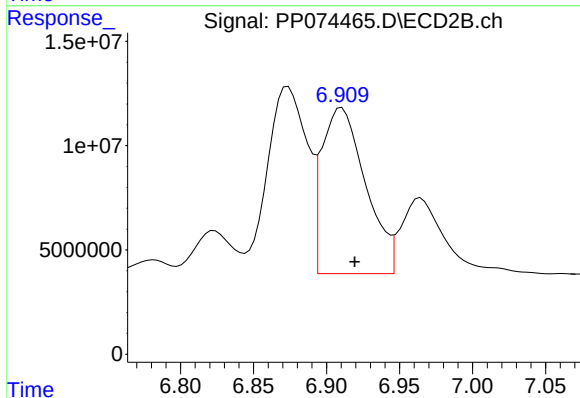
R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 138493558
Conc: 442.90 ng/ml



#33 AR-1260-3

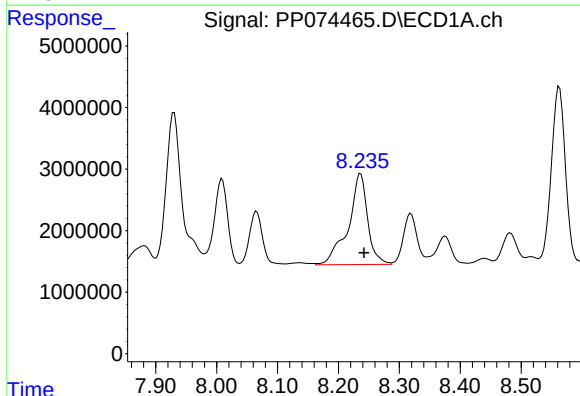
R.T.: 8.009 min
Delta R.T.: -0.004 min
Response: 21732914
Conc: 407.78 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



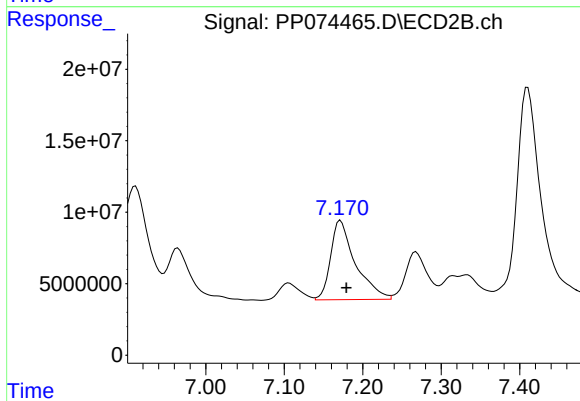
#33 AR-1260-3

R.T.: 6.910 min
Delta R.T.: -0.009 min
Response: 165918921
Conc: 420.99 ng/ml



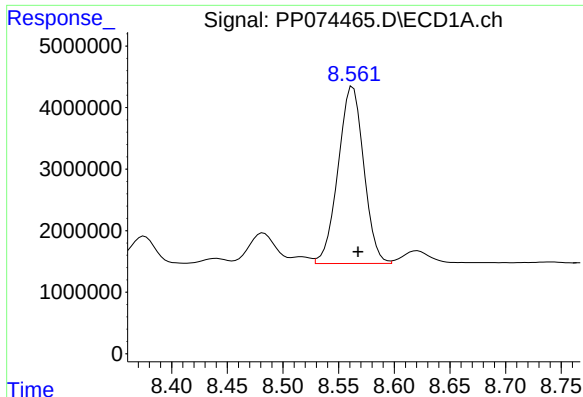
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: -0.005 min
Response: 32598486
Conc: 520.62 ng/ml



#34 AR-1260-4

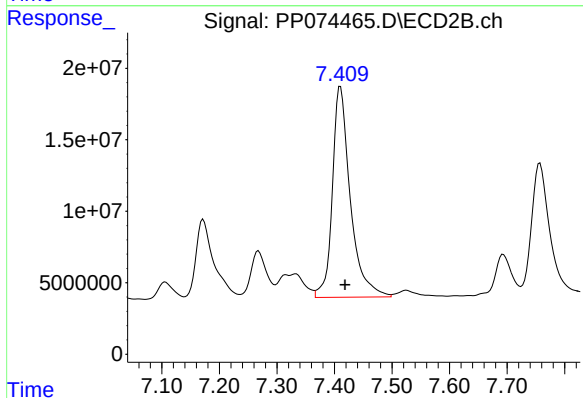
R.T.: 7.172 min
Delta R.T.: -0.008 min
Response: 121762567
Conc: 418.46 ng/ml



#35 AR-1260-5

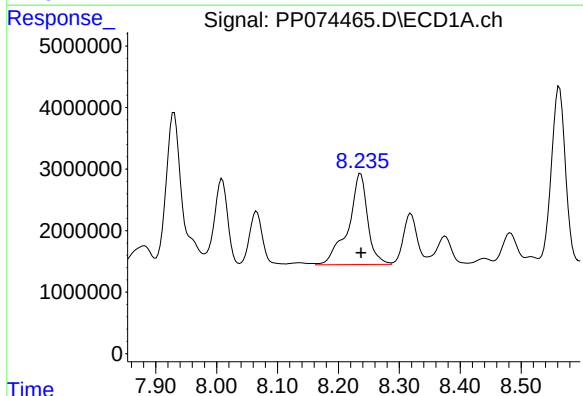
R.T.: 8.563 min
Delta R.T.: -0.005 min
Response: 46130195
Conc: 407.13 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



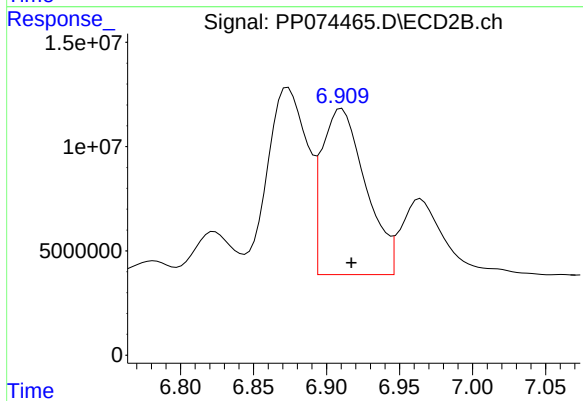
#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: -0.008 min
Response: 319620401
Conc: 421.99 ng/ml



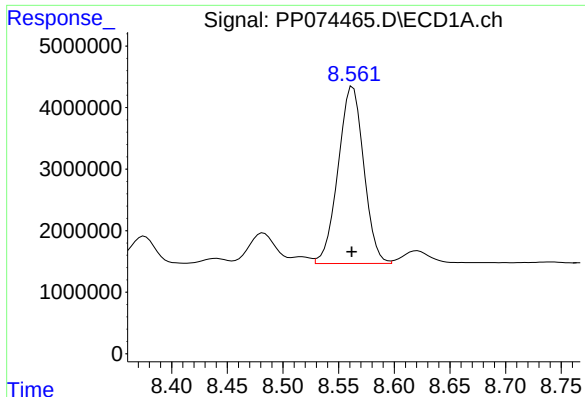
#36 AR-1262-1

R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 32598486
Conc: 430.12 ng/ml



#36 AR-1262-1

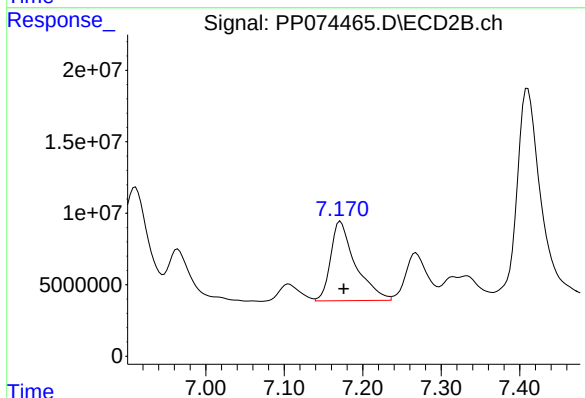
R.T.: 6.910 min
Delta R.T.: -0.007 min
Response: 165918921
Conc: 294.63 ng/ml



#37 AR-1262-2

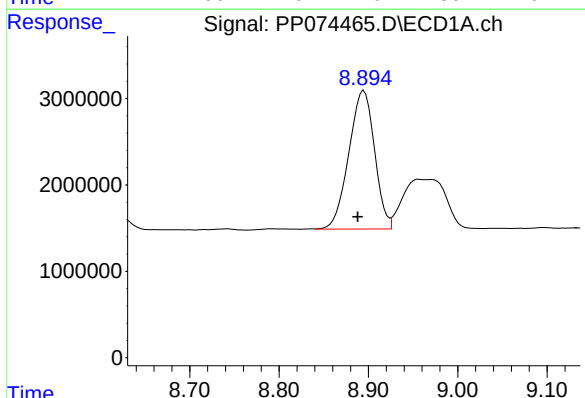
R.T.: 8.563 min
Delta R.T.: 0.001 min
Response: 46130195
Conc: 353.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



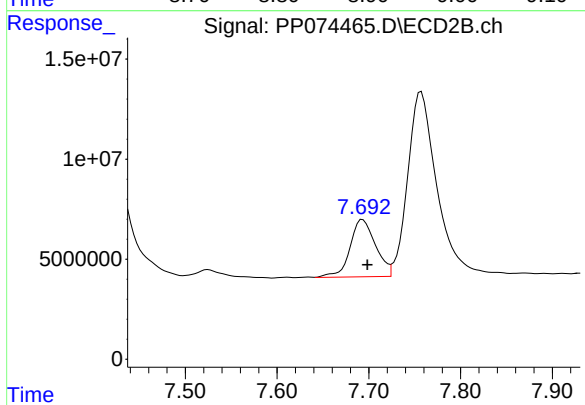
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 121762567
Conc: 303.63 ng/ml



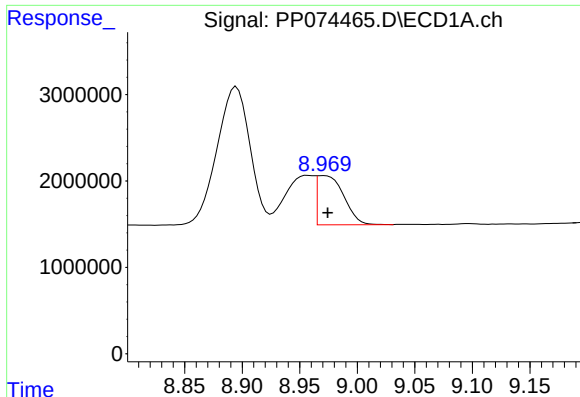
#38 AR-1262-3

R.T.: 8.895 min
Delta R.T.: 0.007 min
Response: 32022699
Conc: 340.41 ng/ml



#38 AR-1262-3

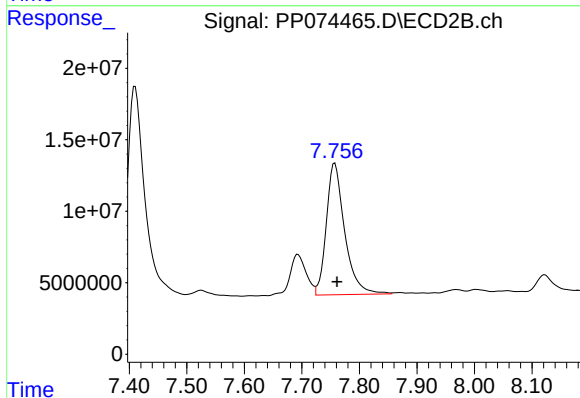
R.T.: 7.693 min
Delta R.T.: -0.005 min
Response: 55334589
Conc: 153.93 ng/ml



#39 AR-1262-4

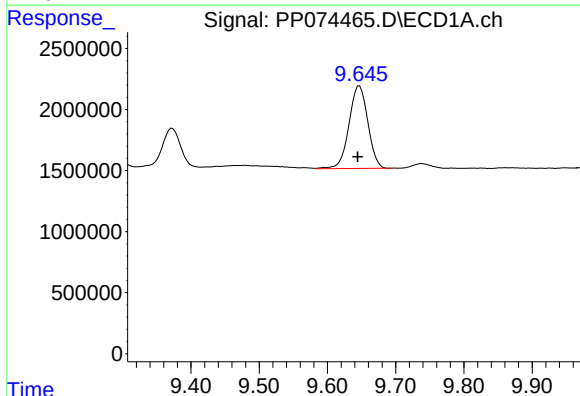
R.T.: 8.970 min
Delta R.T.: -0.004 min
Response: 9138478
Conc: 125.44 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



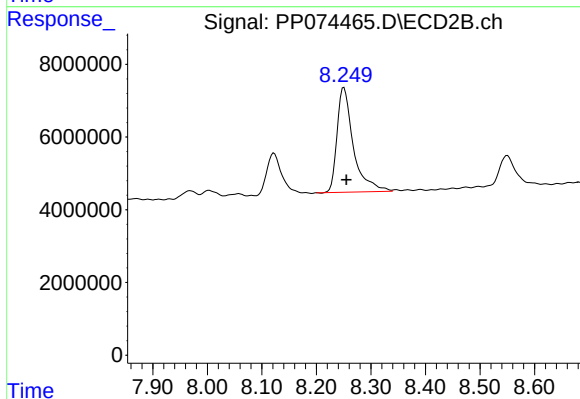
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 203829269
Conc: 305.63 ng/ml



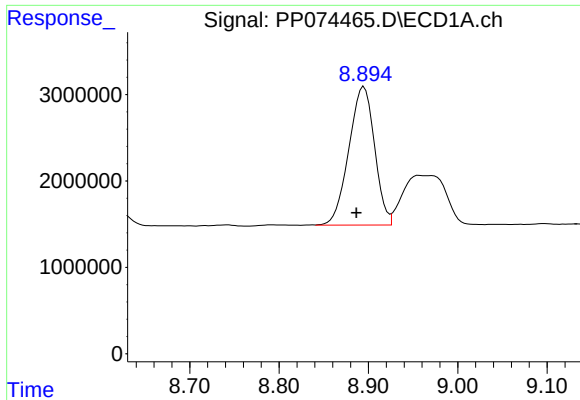
#40 AR-1262-5

R.T.: 9.647 min
Delta R.T.: 0.002 min
Response: 12960526
Conc: 254.51 ng/ml



#40 AR-1262-5

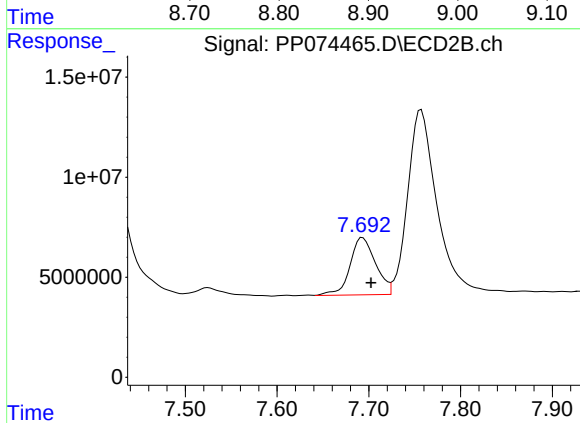
R.T.: 8.251 min
Delta R.T.: -0.004 min
Response: 59991440
Conc: 211.78 ng/ml



#41 AR-1268-1

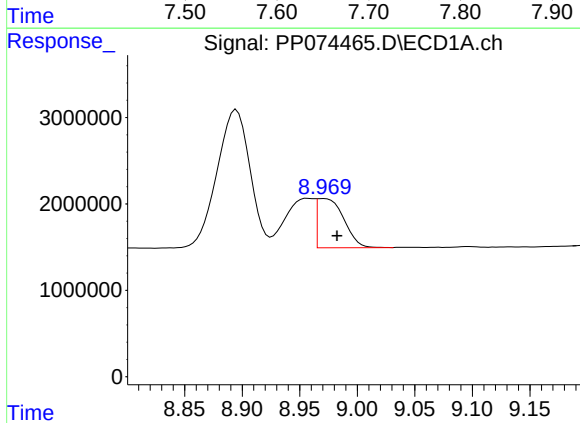
R.T.: 8.895 min
Delta R.T.: 0.009 min
Response: 32022699
Conc: 205.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



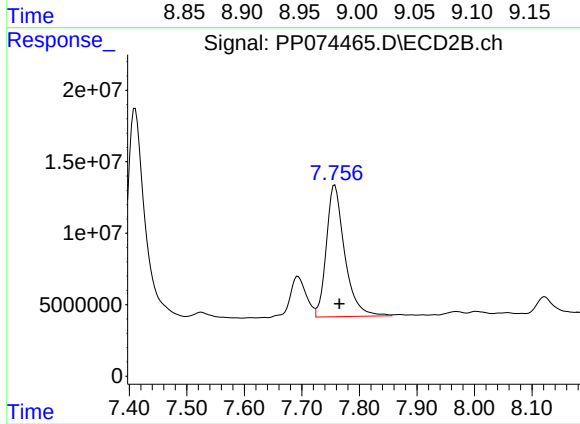
#41 AR-1268-1

R.T.: 7.693 min
Delta R.T.: -0.009 min
Response: 55334589
Conc: 50.75 ng/ml



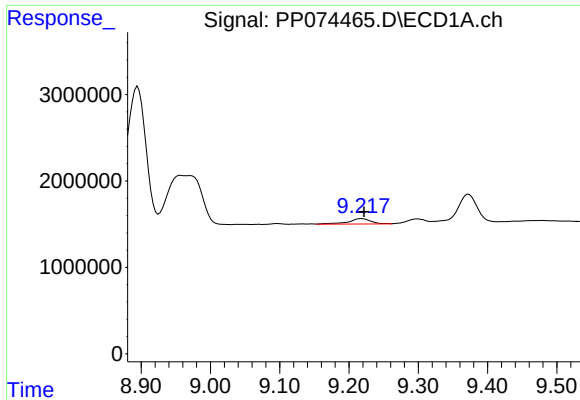
#42 AR-1268-2

R.T.: 8.970 min
Delta R.T.: -0.012 min
Response: 9138478
Conc: 63.72 ng/ml



#42 AR-1268-2

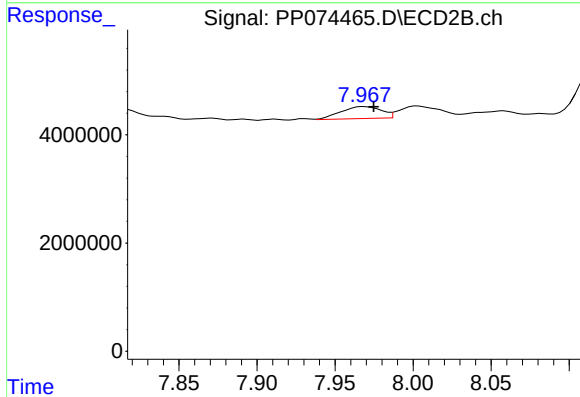
R.T.: 7.757 min
Delta R.T.: -0.008 min
Response: 203829269
Conc: 192.05 ng/ml



#43 AR-1268-3

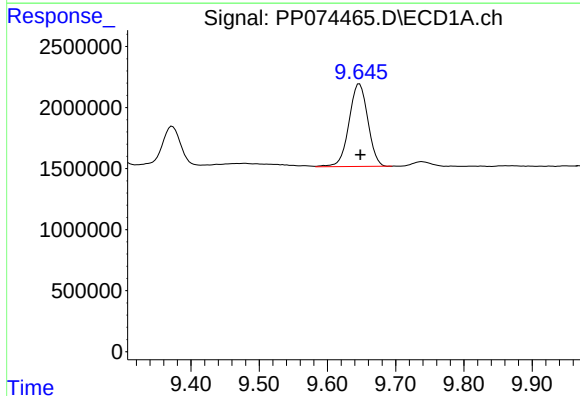
R.T.: 9.218 min
Delta R.T.: -0.003 min
Response: 1436589
Conc: 12.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



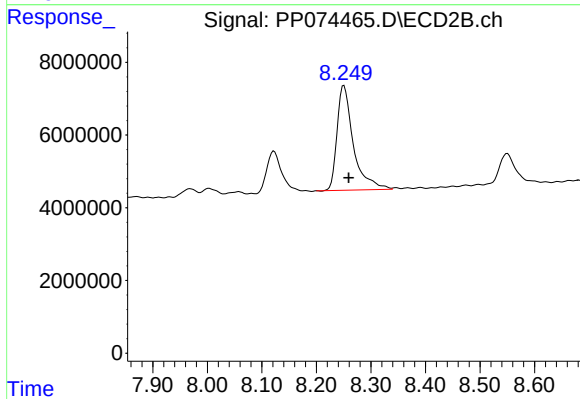
#43 AR-1268-3

R.T.: 7.969 min
Delta R.T.: -0.006 min
Response: 3963065
Conc: 4.76 ng/ml



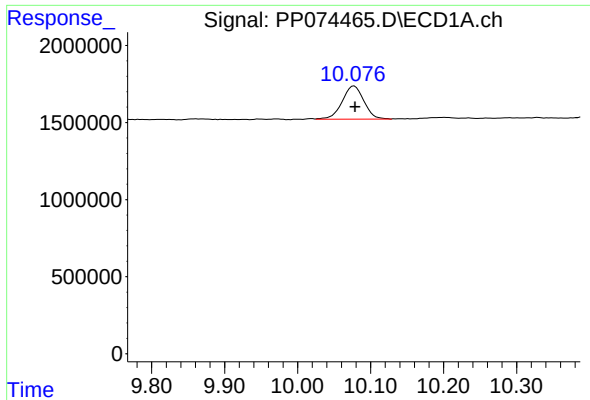
#44 AR-1268-4

R.T.: 9.647 min
Delta R.T.: -0.001 min
Response: 12960526
Conc: 220.37 ng/ml



#44 AR-1268-4

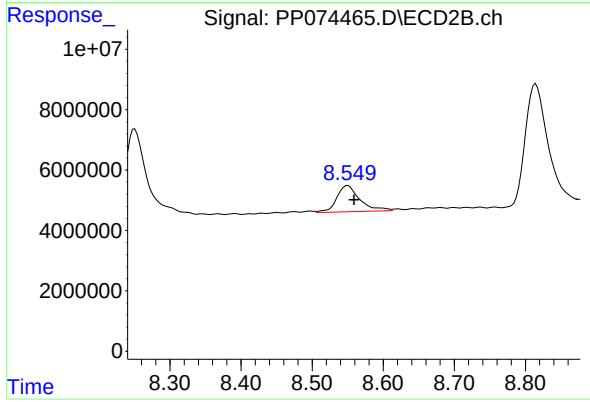
R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 59991440
Conc: 194.74 ng/ml



#45 AR-1268-5

R.T.: 10.077 min
Delta R.T.: -0.001 min
Response: 4456070
Conc: 12.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MS



#45 AR-1268-5

R.T.: 8.550 min
Delta R.T.: -0.009 min
Response: 19506485
Conc: 7.65 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074466.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 18:34
 Operator : YP\AJ
 Sample : Q2889-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :
 PL-02-081525-MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 02:15:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.656	3.800	26112704	81253016	23.350	21.190
2) SA Decachlor...	10.431	8.815	17494014	85625511	18.013	14.239
Target Compounds						
3) L1 AR-1016-1	5.807	4.900	21867152	207.9E6	530.025	521.322
4) L1 AR-1016-2	5.828	4.957	32001260	98667862	526.841	525.363
5) L1 AR-1016-3	5.892	5.077	21441502	53649817	540.626	505.798
6) L1 AR-1016-4	5.988	5.118	19539263	54530145	600.387	499.269
7) L1 AR-1016-5	6.281	5.332	17050203	61369081	525.138	524.687
8) L2 AR-1221-1	4.853	4.012	5114848	6273647	305.116	127.811 #
9) L2 AR-1221-2	4.941	4.096	2927795	8213739	232.345	228.863
10) L2 AR-1221-3	5.017	4.173	12404149	43420621	338.585	321.100
11) L3 AR-1232-1	5.017	4.173	12404149	43420621	427.180	428.370
12) L3 AR-1232-2	5.543	4.900	16984959	207.9E6	1129.115	1193.283
13) L3 AR-1232-3	5.828	5.077	32001260	53649817	1103.427	1170.968
14) L3 AR-1232-4	5.988	5.161	19539263	94513240	1263.138	1629.238 #
15) L3 AR-1232-5	6.078	5.332	16399148	61369081	1399.721	1306.296
16) L4 AR-1242-1	5.807	4.900	21867152	207.9E6	586.789	602.505
17) L4 AR-1242-2	5.828	4.957	32001260	98667862	588.162	603.925
18) L4 AR-1242-3	5.892	5.077	21441502	53649817	600.000	581.579
19) L4 AR-1242-4	5.988	5.161	19539263	94513240	668.726	791.425
20) L4 AR-1242-5	6.695	5.683	9144888	84349946	257.182	563.987 #
21) L5 AR-1248-1	5.807	4.900	21867152	207.9E6	780.564	972.034
22) L5 AR-1248-2	6.078	5.118	16399148	54530145	407.320	372.696
23) L5 AR-1248-3	6.281	5.161	17050203	94513240	382.518	551.226 #
24) L5 AR-1248-4	6.695	5.332	9144888	61369081	175.738	368.863 #
25) L5 AR-1248-5	6.695	5.683f	9144888	84349946	160.596	289.896 #
26) L6 AR-1254-1	6.655	5.683	14552282	84349946	276.444	230.350
27) L6 AR-1254-2	6.870	5.829	13687122	56567878	172.155	203.323
28) L6 AR-1254-3	7.233	6.246	7578241	107.6E6	86.791	220.042 #
29) L6 AR-1254-4	7.515	6.458	5413060	7278004	84.832	19.801 #
30) L6 AR-1254-5	7.929	6.875	43860905	159.6E6	540.527	414.366
31) L7 AR-1260-1	7.398	6.548	26792978	188.9E6	475.423	467.678
32) L7 AR-1260-2	7.650	6.703	31575214	134.7E6	463.303	430.895
33) L7 AR-1260-3	8.008	6.912	20776881	156.5E6	389.840	397.185
34) L7 AR-1260-4	8.236	7.172	31001224	115.9E6	495.109	398.273
35) L7 AR-1260-5	8.561	7.411	44650054	299.8E6	394.070	395.852
36) L8 AR-1262-1	8.236	6.912	31001224	156.5E6	409.043	277.972 #
37) L8 AR-1262-2	8.561	7.172	44650054	115.9E6	342.330	288.984
38) L8 AR-1262-3	8.893	7.694	31129180	51555941	330.912	143.422 #
39) L8 AR-1262-4	8.973	7.757	9230289	192.7E6	126.700	288.932 #
40) L8 AR-1262-5	9.645	8.251	12899622	55364764	253.318	195.450
41) L9 AR-1268-1	8.893	7.694	31129180	51555941	200.017	47.288 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:34
Operator : YP\AJ
Sample : Q2889-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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
42)	L9 AR-1268-2	8.973	7.757	9230289	192.7E6	64.356	181.561 #
43)	L9 AR-1268-3	9.217	7.967	1548993	3460444	12.965	4.160 #
44)	L9 AR-1268-4	9.645	8.251	12899622	55364764	219.334	179.721
45)	L9 AR-1268-5	10.076	8.549	4277069	19257383	12.161	7.552 #

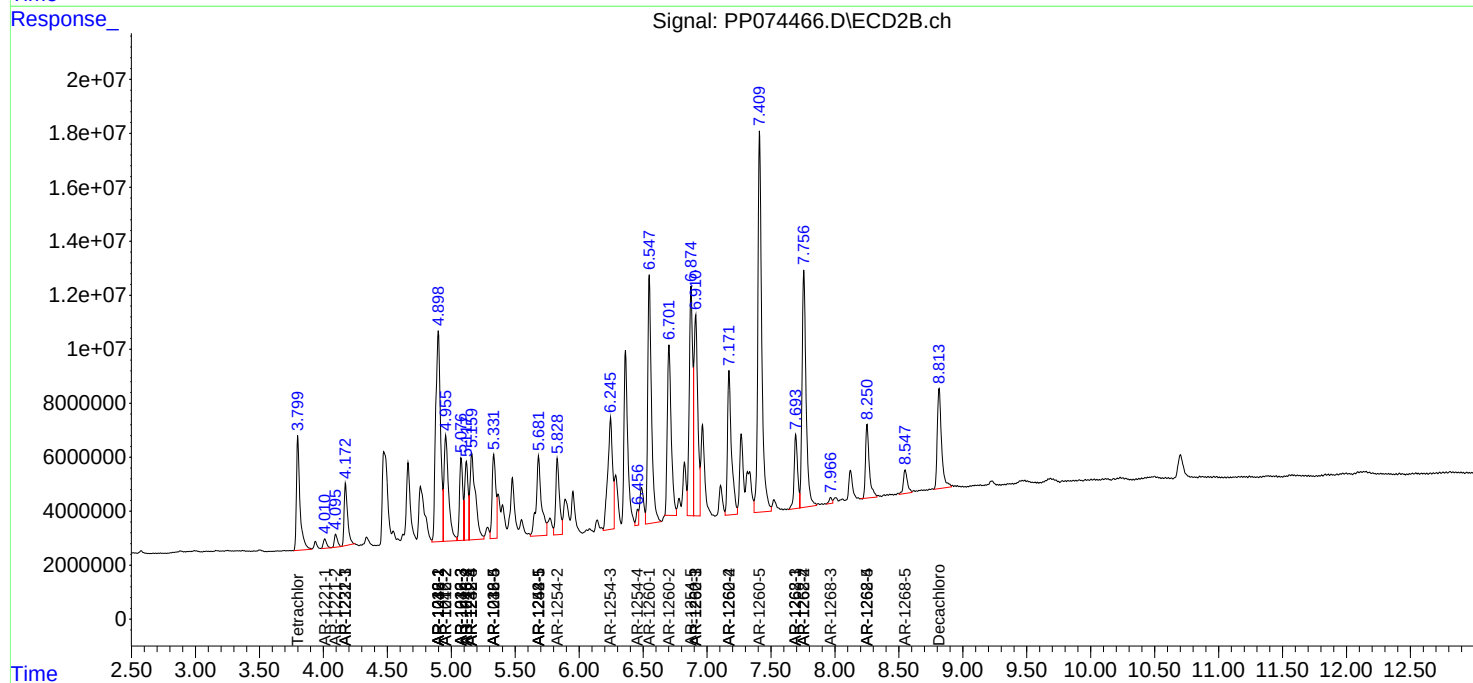
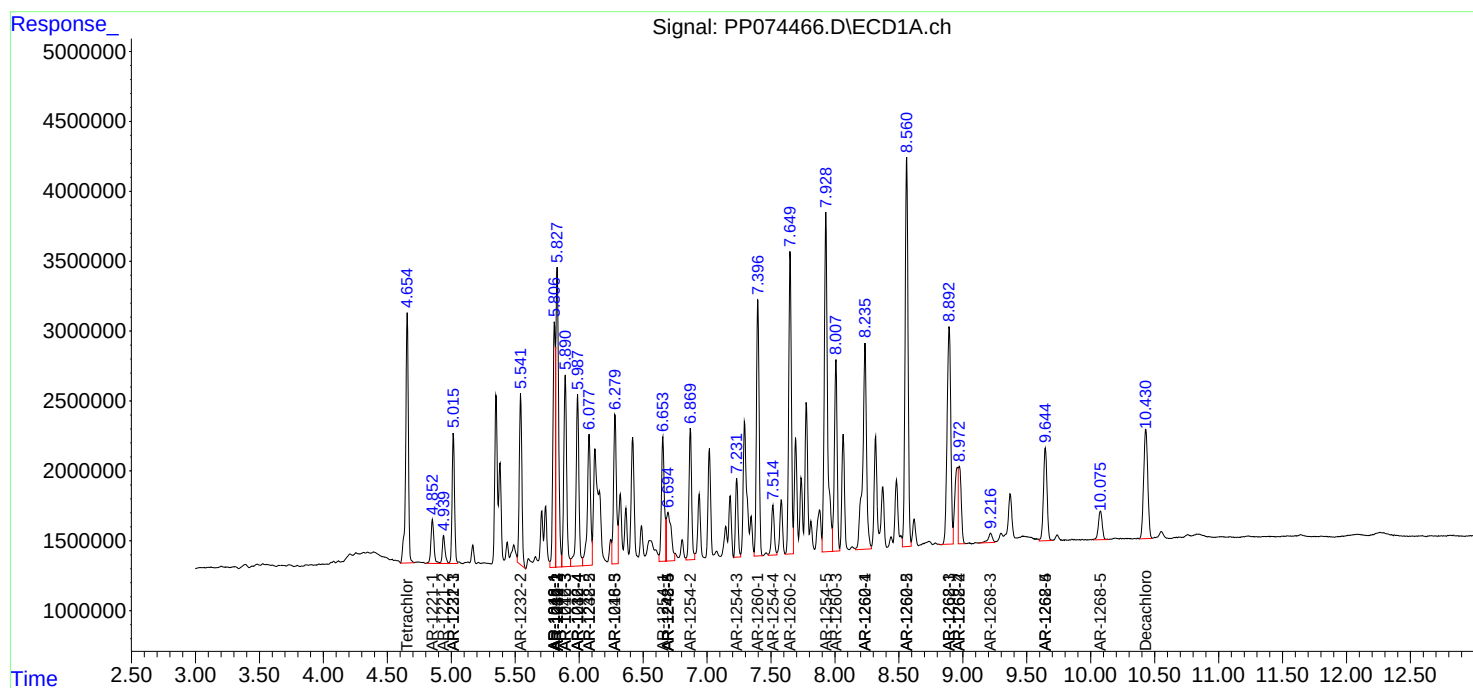
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

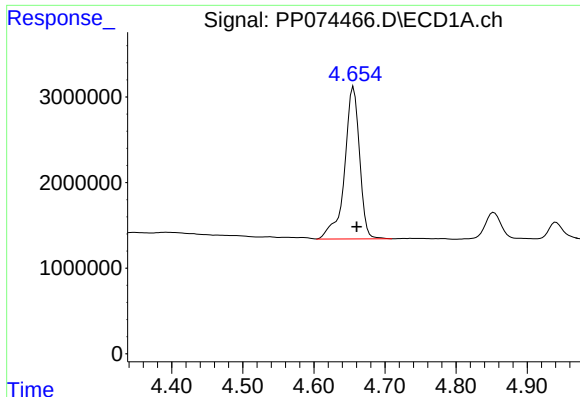
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074466.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 18:34
Operator : YP\AJ
Sample : Q2889-01MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:15:21 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

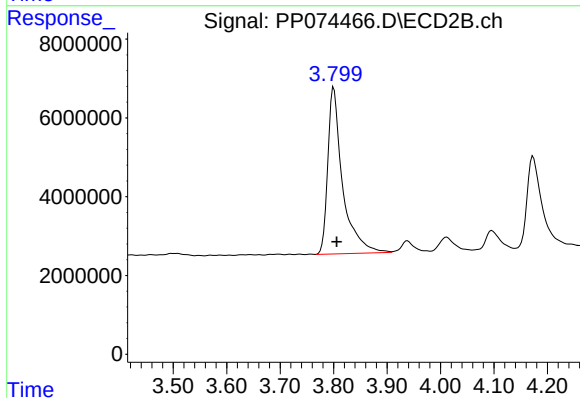




#1 Tetrachloro-m-xylene

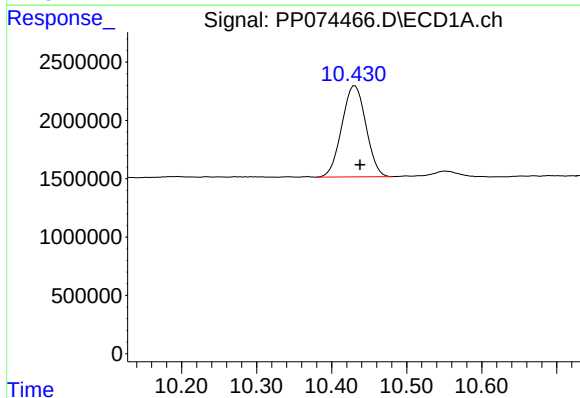
R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 26112704
Conc: 23.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



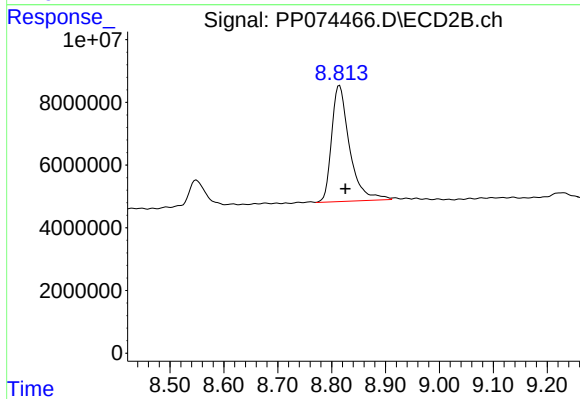
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.005 min
Response: 81253016
Conc: 21.19 ng/ml



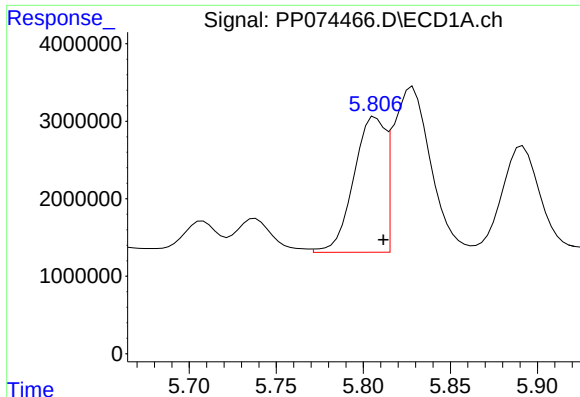
#2 Decachlorobiphenyl

R.T.: 10.431 min
Delta R.T.: -0.007 min
Response: 17494014
Conc: 18.01 ng/ml



#2 Decachlorobiphenyl

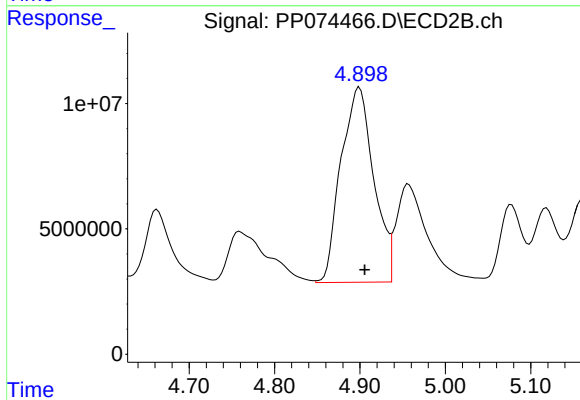
R.T.: 8.815 min
Delta R.T.: -0.011 min
Response: 85625511
Conc: 14.24 ng/ml



#3 AR-1016-1

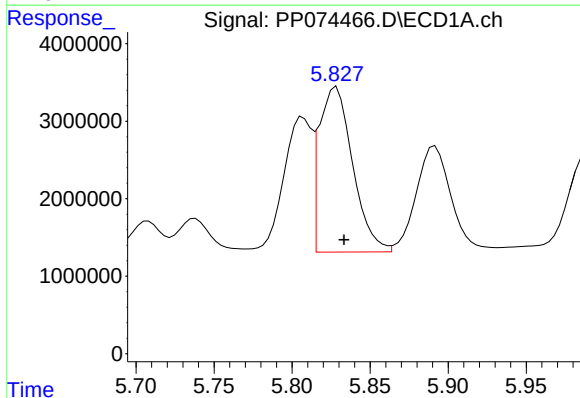
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 21867152
Conc: 530.03 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



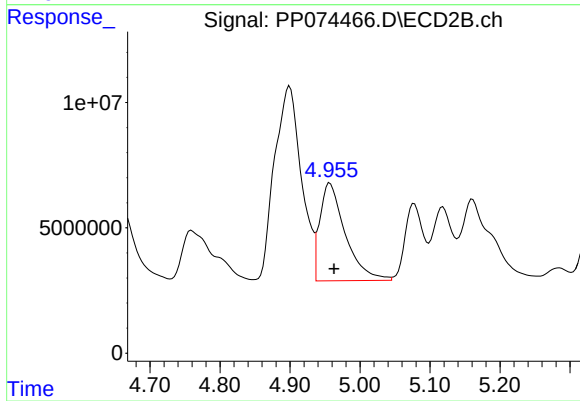
#3 AR-1016-1

R.T.: 4.900 min
Delta R.T.: -0.006 min
Response: 207948928
Conc: 521.32 ng/ml



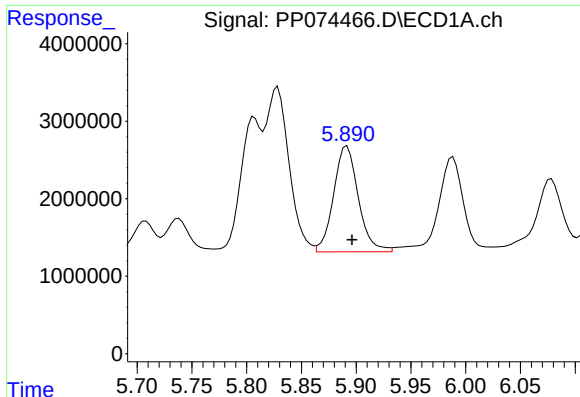
#4 AR-1016-2

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 32001260
Conc: 526.84 ng/ml



#4 AR-1016-2

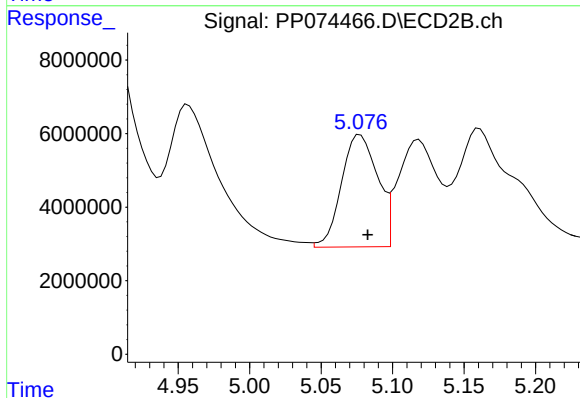
R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 98667862
Conc: 525.36 ng/ml



#5 AR-1016-3

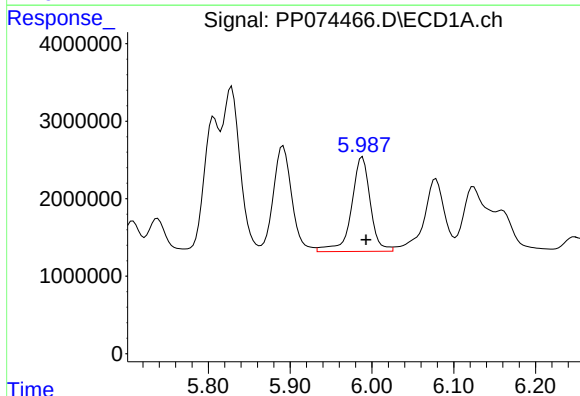
R.T.: 5.892 min
Delta R.T.: -0.005 min
Response: 21441502
Conc: 540.63 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



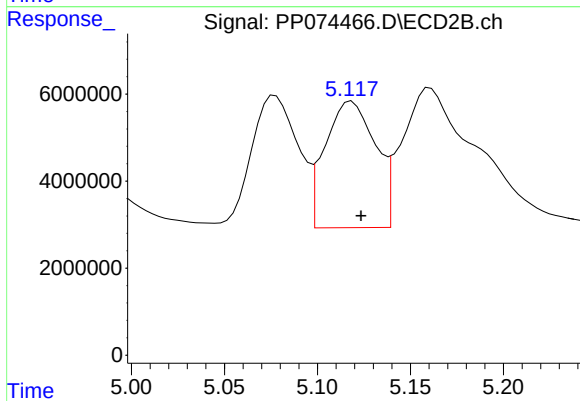
#5 AR-1016-3

R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 53649817
Conc: 505.80 ng/ml



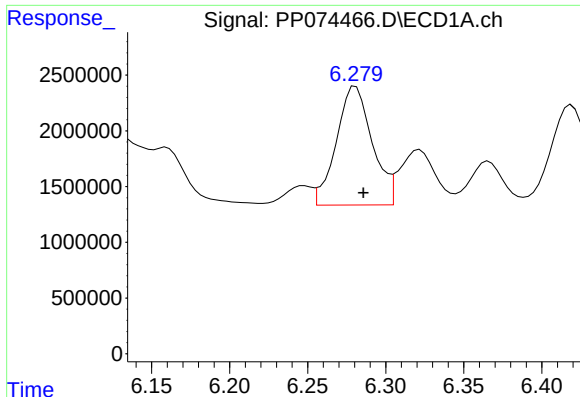
#6 AR-1016-4

R.T.: 5.988 min
Delta R.T.: -0.005 min
Response: 19539263
Conc: 600.39 ng/ml



#6 AR-1016-4

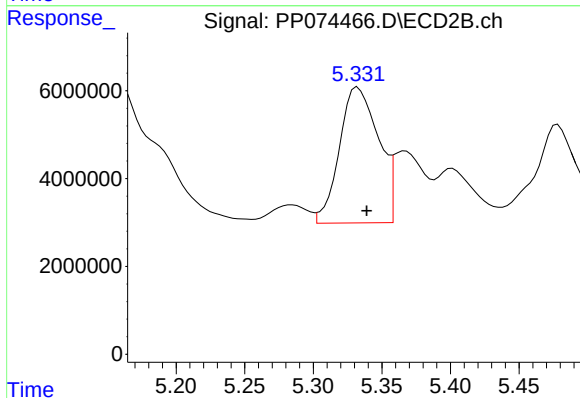
R.T.: 5.118 min
Delta R.T.: -0.005 min
Response: 54530145
Conc: 499.27 ng/ml



#7 AR-1016-5

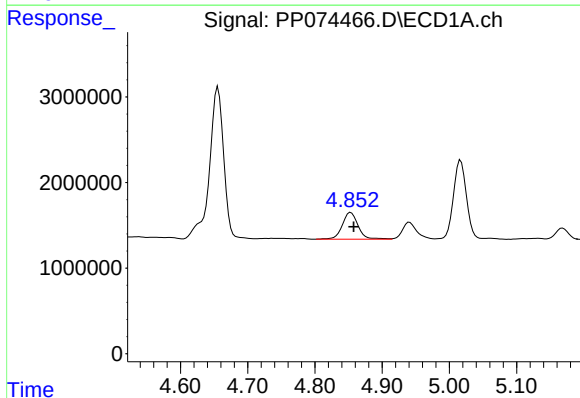
R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 17050203
Conc: 525.14 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



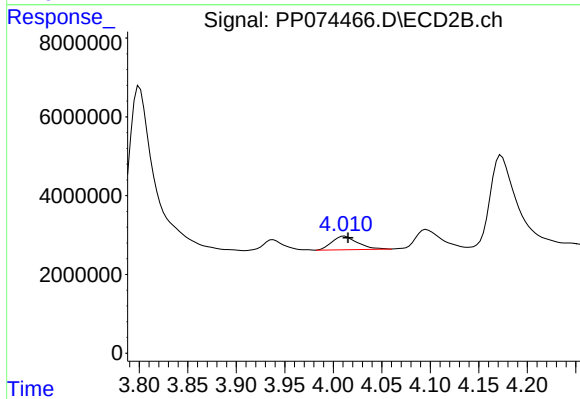
#7 AR-1016-5

R.T.: 5.332 min
Delta R.T.: -0.007 min
Response: 61369081
Conc: 524.69 ng/ml



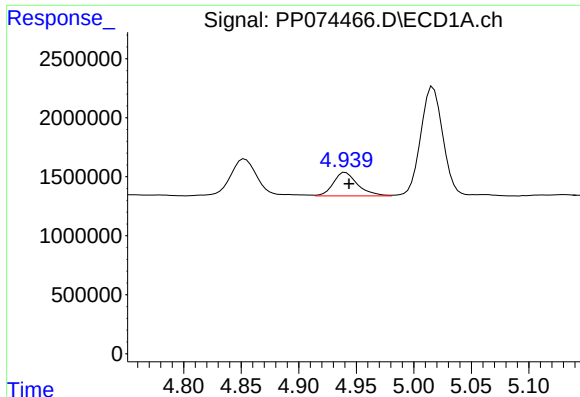
#8 AR-1221-1

R.T.: 4.853 min
Delta R.T.: -0.005 min
Response: 5114848
Conc: 305.12 ng/ml



#8 AR-1221-1

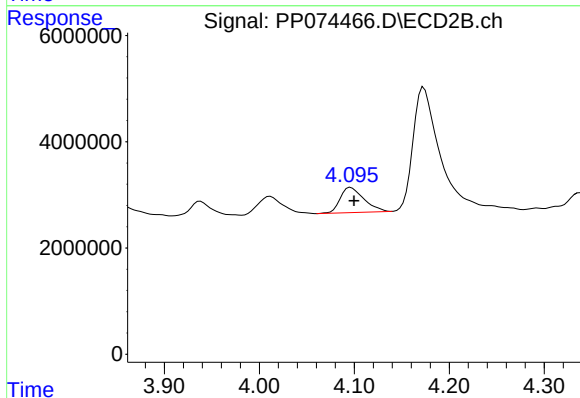
R.T.: 4.012 min
Delta R.T.: -0.004 min
Response: 6273647
Conc: 127.81 ng/ml



#9 AR-1221-2

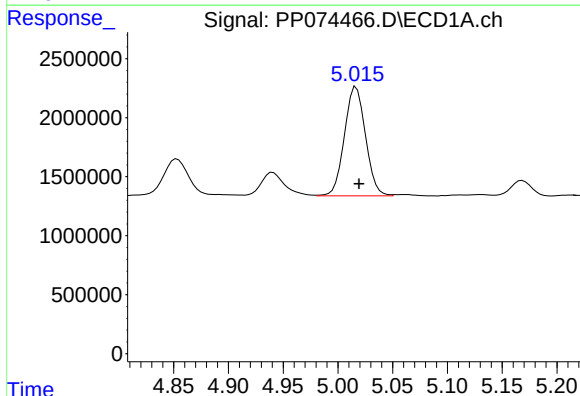
R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 2927795
Conc: 232.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



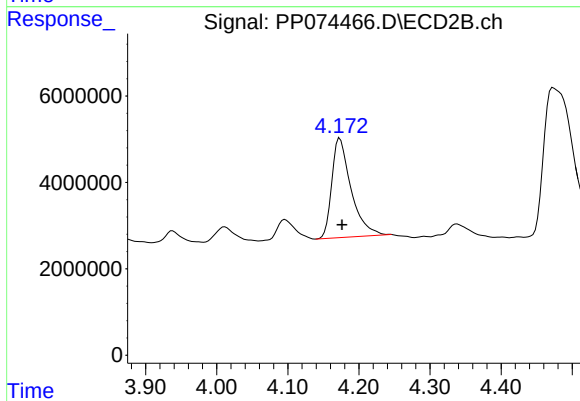
#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 8213739
Conc: 228.86 ng/ml



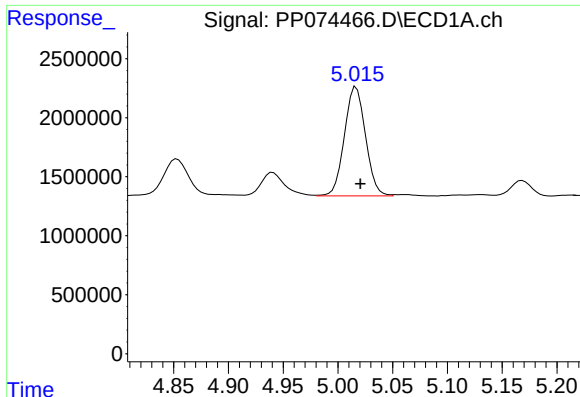
#10 AR-1221-3

R.T.: 5.017 min
Delta R.T.: -0.003 min
Response: 12404149
Conc: 338.59 ng/ml



#10 AR-1221-3

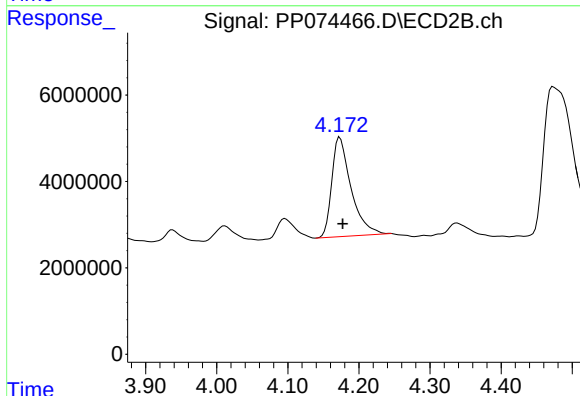
R.T.: 4.173 min
Delta R.T.: -0.003 min
Response: 43420621
Conc: 321.10 ng/ml



#11 AR-1232-1

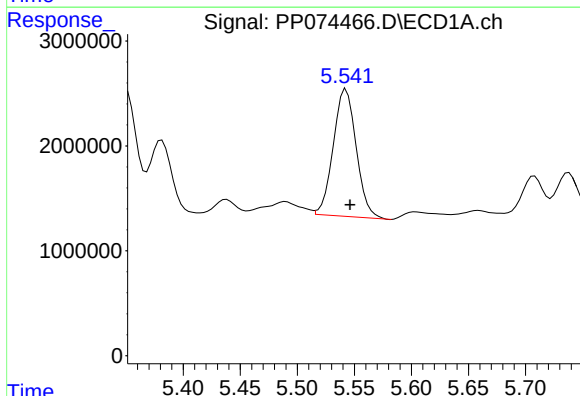
R.T.: 5.017 min
Delta R.T.: -0.004 min
Response: 12404149
Conc: 427.18 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



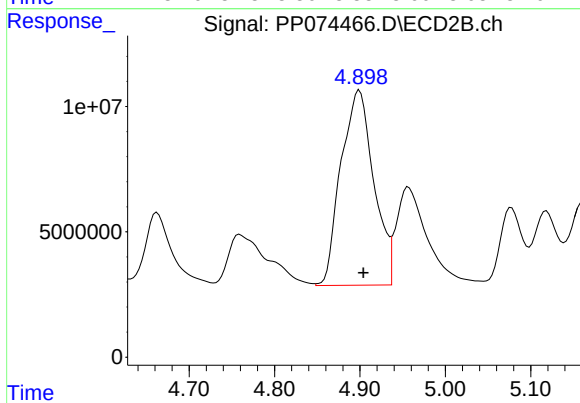
#11 AR-1232-1

R.T.: 4.173 min
Delta R.T.: -0.004 min
Response: 43420621
Conc: 428.37 ng/ml



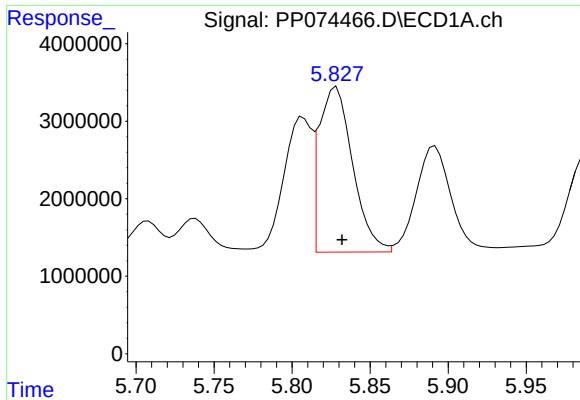
#12 AR-1232-2

R.T.: 5.543 min
Delta R.T.: -0.004 min
Response: 16984959
Conc: 1129.12 ng/ml



#12 AR-1232-2

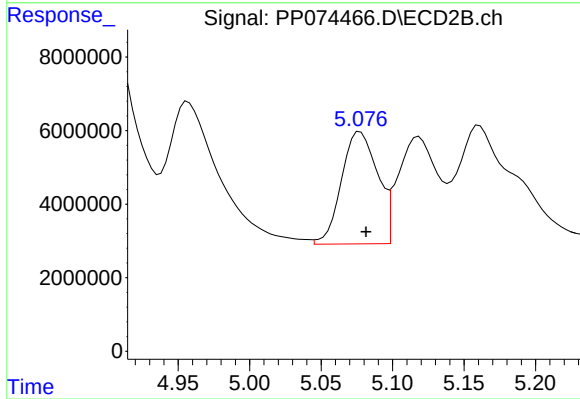
R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 207948928
Conc: 1193.28 ng/ml



#13 AR-1232-3

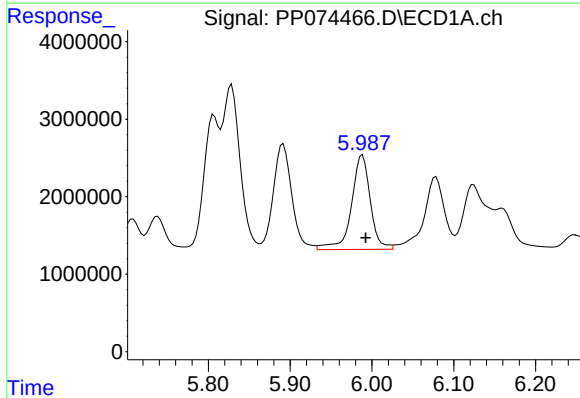
R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 32001260
Conc: 1103.43 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



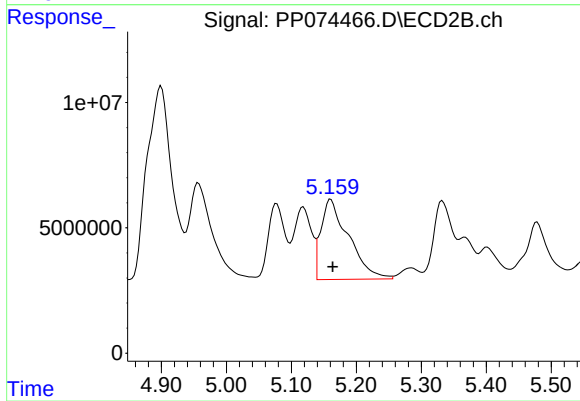
#13 AR-1232-3

R.T.: 5.077 min
Delta R.T.: -0.004 min
Response: 53649817
Conc: 1170.97 ng/ml



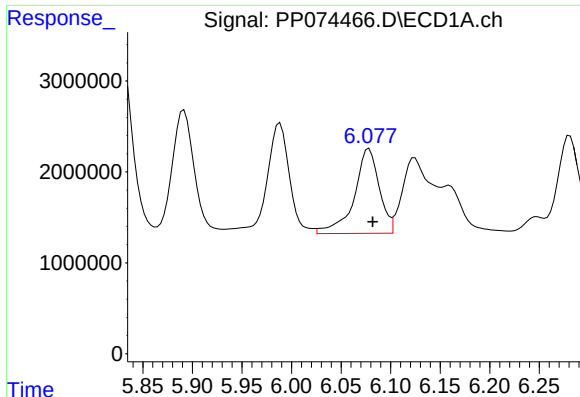
#14 AR-1232-4

R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 19539263
Conc: 1263.14 ng/ml



#14 AR-1232-4

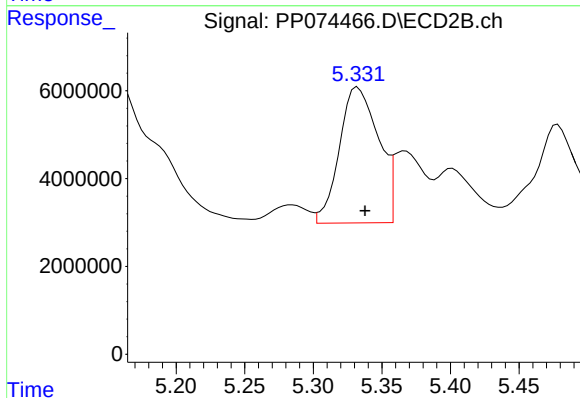
R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 94513240
Conc: 1629.24 ng/ml



#15 AR-1232-5

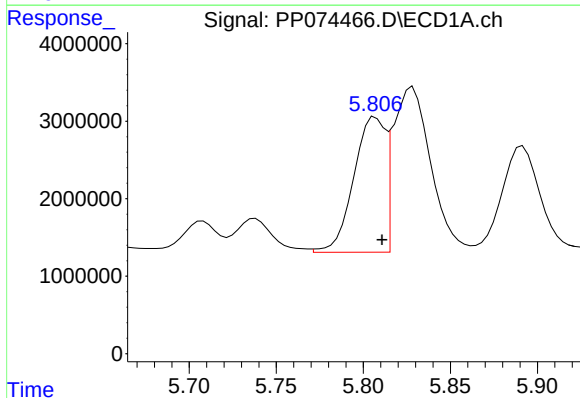
R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 16399148
Conc: 1399.72 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



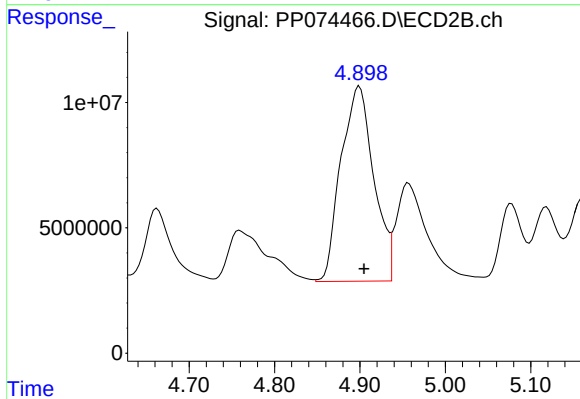
#15 AR-1232-5

R.T.: 5.332 min
Delta R.T.: -0.005 min
Response: 61369081
Conc: 1306.30 ng/ml



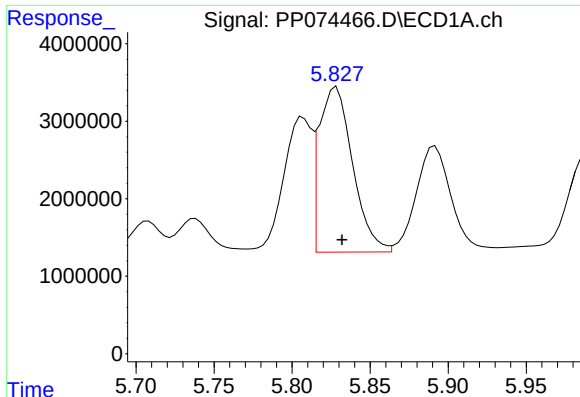
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 21867152
Conc: 586.79 ng/ml



#16 AR-1242-1

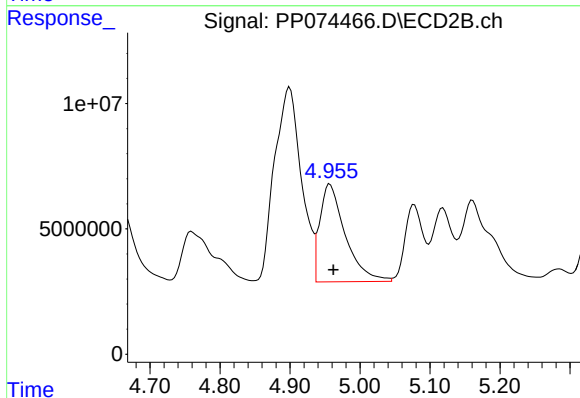
R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 207948928
Conc: 602.50 ng/ml



#17 AR-1242-2

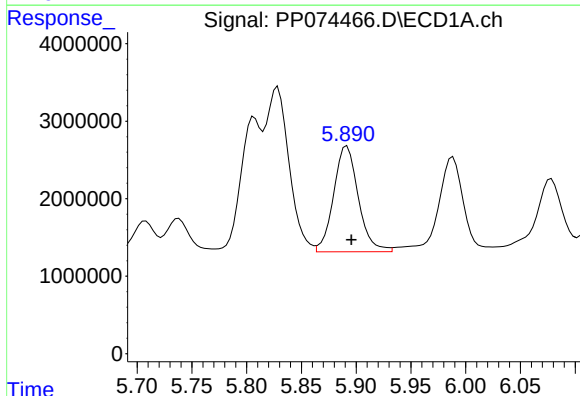
R.T.: 5.828 min
Delta R.T.: -0.004 min
Response: 32001260
Conc: 588.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



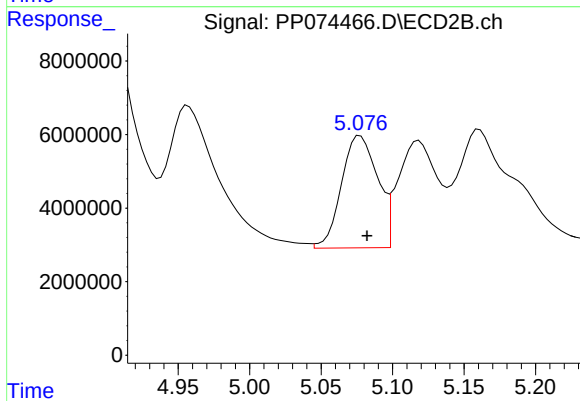
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 98667862
Conc: 603.93 ng/ml



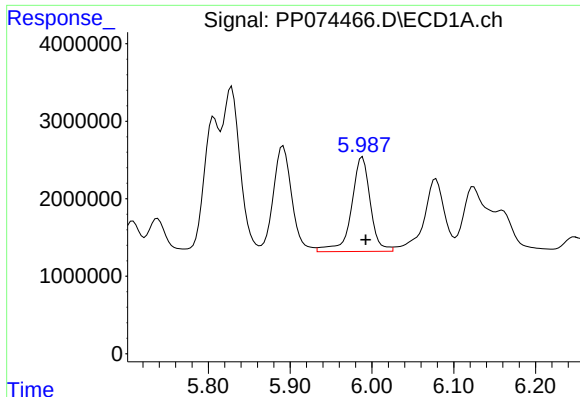
#18 AR-1242-3

R.T.: 5.892 min
Delta R.T.: -0.004 min
Response: 21441502
Conc: 600.00 ng/ml



#18 AR-1242-3

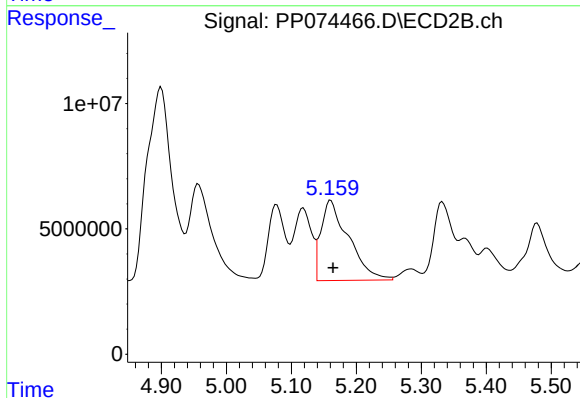
R.T.: 5.077 min
Delta R.T.: -0.005 min
Response: 53649817
Conc: 581.58 ng/ml



#19 AR-1242-4

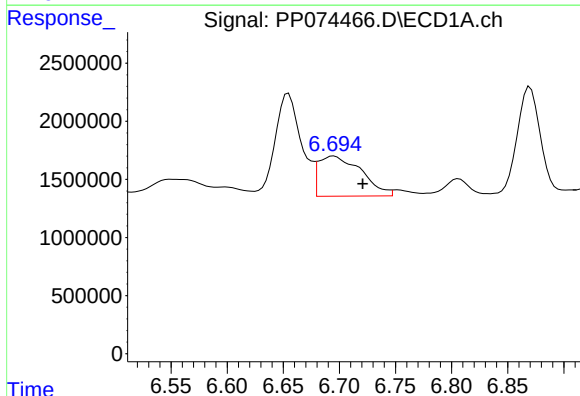
R.T.: 5.988 min
Delta R.T.: -0.004 min
Response: 19539263
Conc: 668.73 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



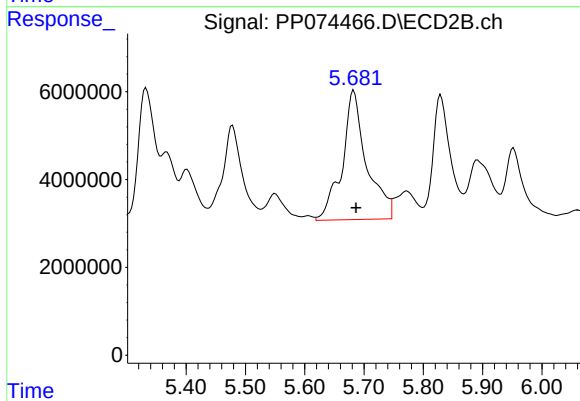
#19 AR-1242-4

R.T.: 5.161 min
Delta R.T.: -0.003 min
Response: 94513240
Conc: 791.42 ng/ml



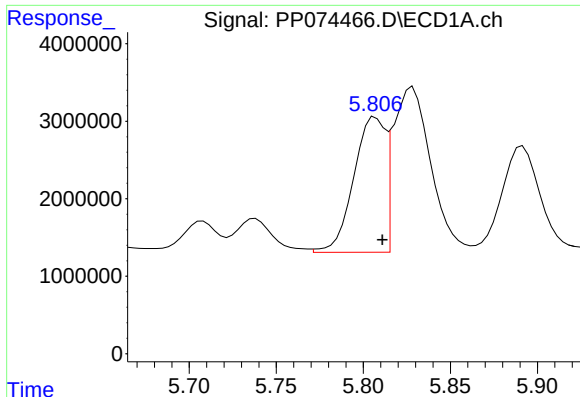
#20 AR-1242-5

R.T.: 6.695 min
Delta R.T.: -0.026 min
Response: 9144888
Conc: 257.18 ng/ml



#20 AR-1242-5

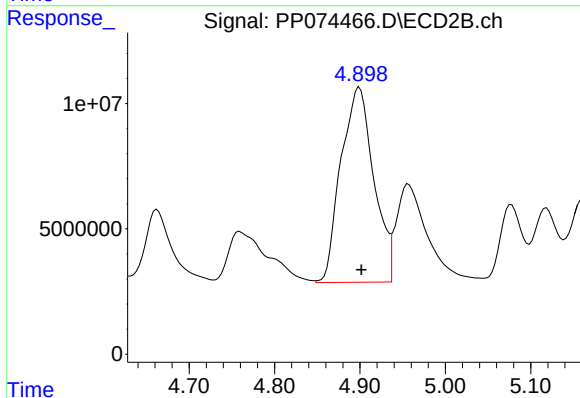
R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 84349946
Conc: 563.99 ng/ml



#21 AR-1248-1

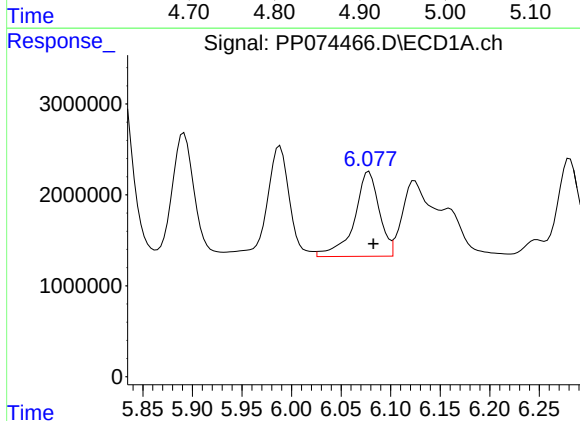
R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 21867152
Conc: 780.56 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



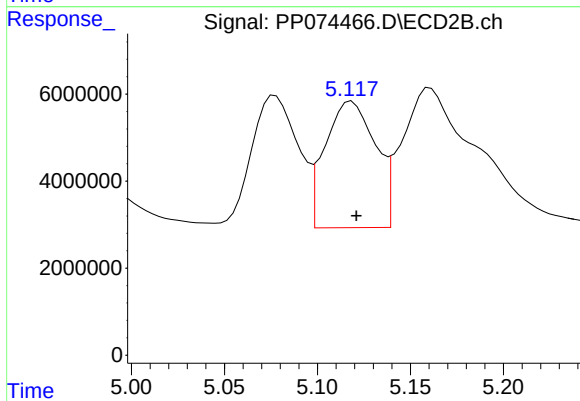
#21 AR-1248-1

R.T.: 4.900 min
Delta R.T.: -0.002 min
Response: 207948928
Conc: 972.03 ng/ml



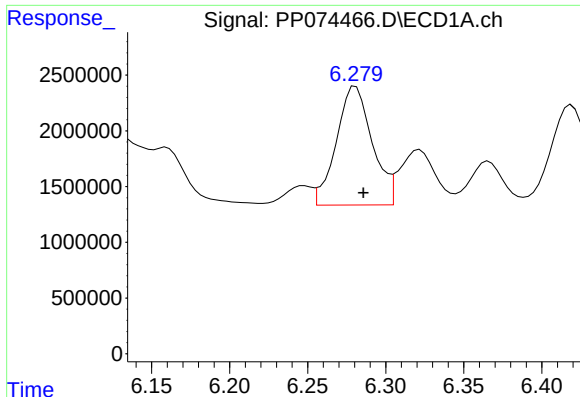
#22 AR-1248-2

R.T.: 6.078 min
Delta R.T.: -0.004 min
Response: 16399148
Conc: 407.32 ng/ml



#22 AR-1248-2

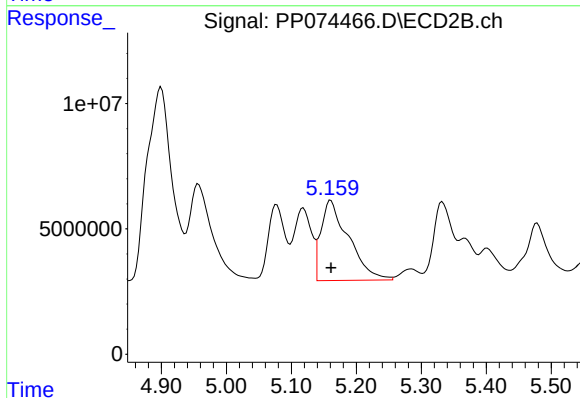
R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 54530145
Conc: 372.70 ng/ml



#23 AR-1248-3

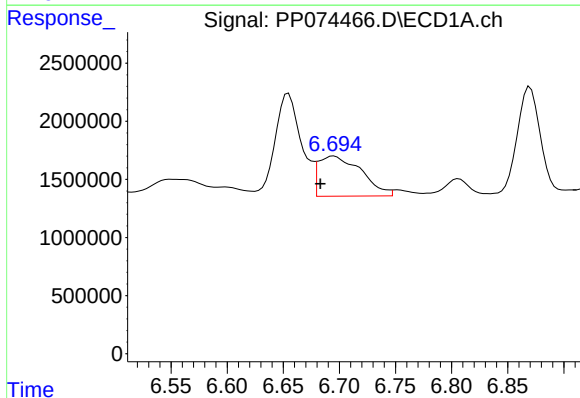
R.T.: 6.281 min
Delta R.T.: -0.005 min
Response: 17050203
Conc: 382.52 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



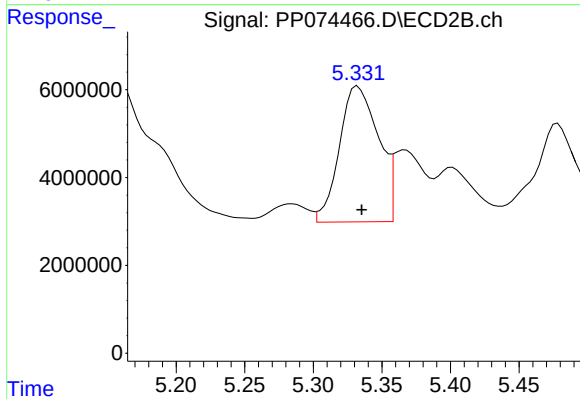
#23 AR-1248-3

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 94513240
Conc: 551.23 ng/ml



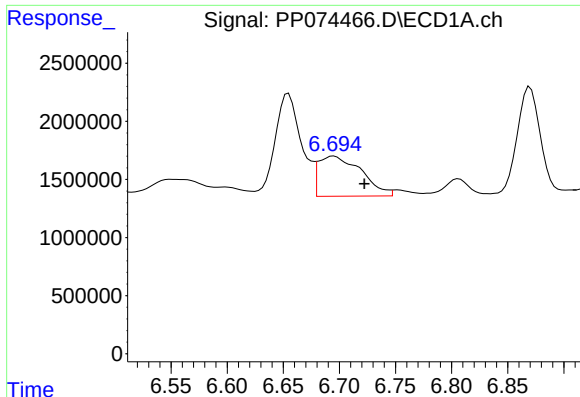
#24 AR-1248-4

R.T.: 6.695 min
Delta R.T.: 0.012 min
Response: 9144888
Conc: 175.74 ng/ml



#24 AR-1248-4

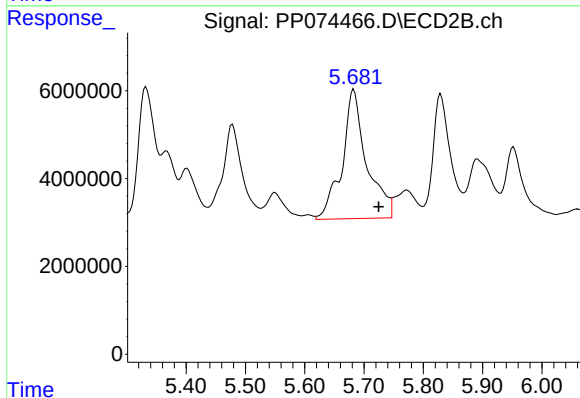
R.T.: 5.332 min
Delta R.T.: -0.003 min
Response: 61369081
Conc: 368.86 ng/ml



#25 AR-1248-5

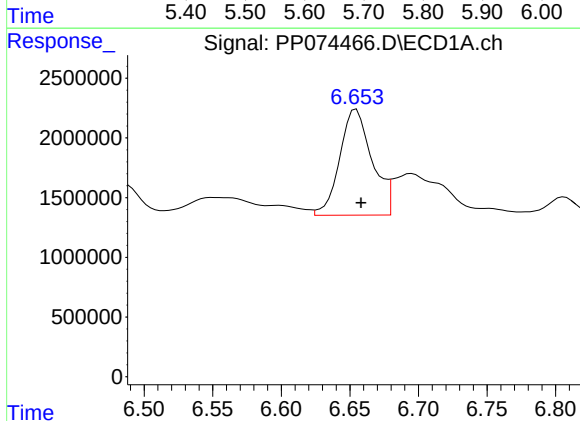
R.T.: 6.695 min
Delta R.T.: -0.027 min
Response: 9144888
Conc: 160.60 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



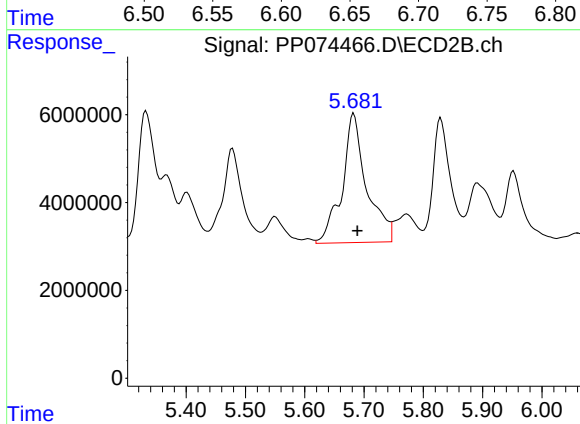
#25 AR-1248-5

R.T.: 5.683 min
Delta R.T.: -0.042 min
Response: 84349946
Conc: 289.90 ng/ml



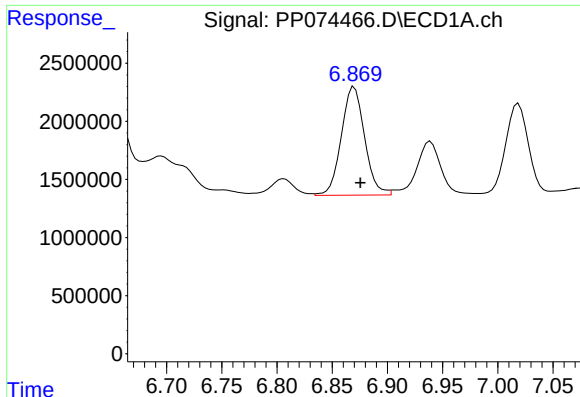
#26 AR-1254-1

R.T.: 6.655 min
Delta R.T.: -0.003 min
Response: 14552282
Conc: 276.44 ng/ml



#26 AR-1254-1

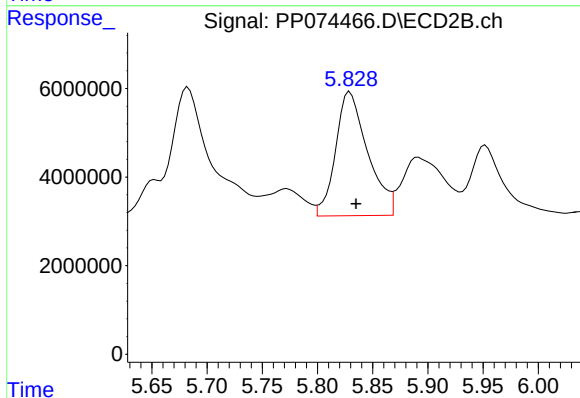
R.T.: 5.683 min
Delta R.T.: -0.006 min
Response: 84349946
Conc: 230.35 ng/ml



#27 AR-1254-2

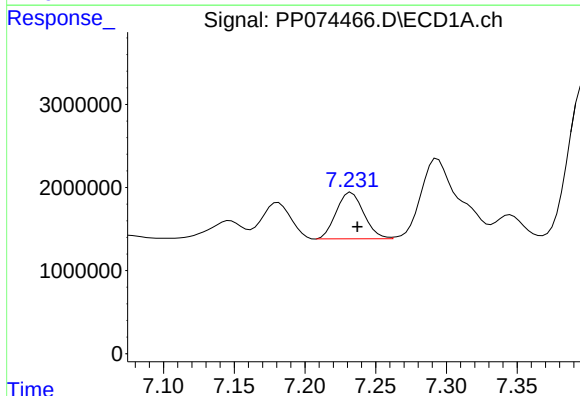
R.T.: 6.870 min
Delta R.T.: -0.005 min
Response: 13687122
Conc: 172.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



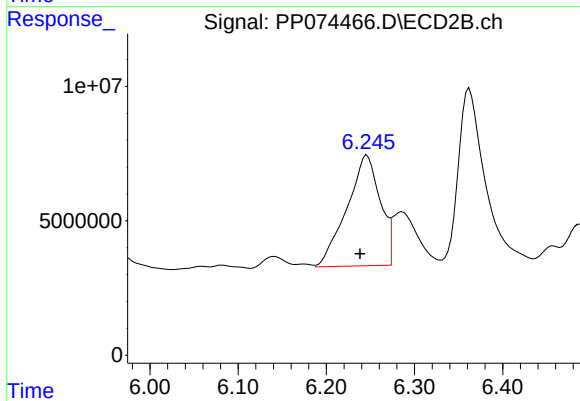
#27 AR-1254-2

R.T.: 5.829 min
Delta R.T.: -0.006 min
Response: 56567878
Conc: 203.32 ng/ml



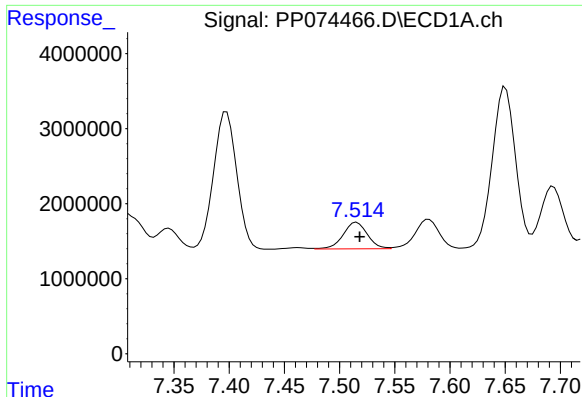
#28 AR-1254-3

R.T.: 7.233 min
Delta R.T.: -0.004 min
Response: 7578241
Conc: 86.79 ng/ml



#28 AR-1254-3

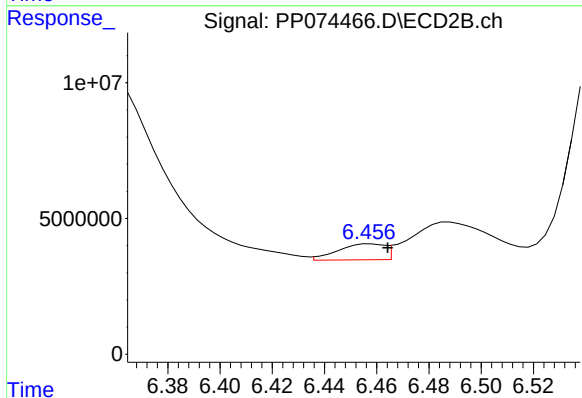
R.T.: 6.246 min
Delta R.T.: 0.008 min
Response: 107646919
Conc: 220.04 ng/ml



#29 AR-1254-4

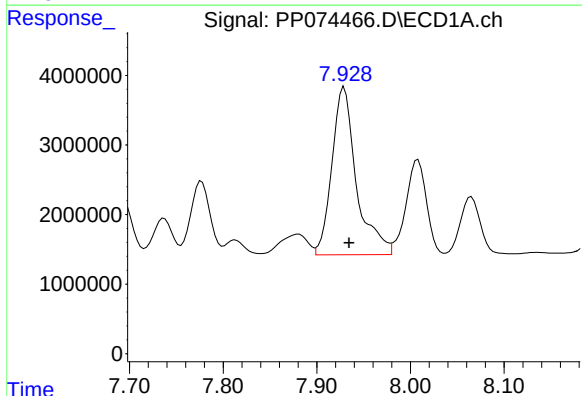
R.T.: 7.515 min
Delta R.T.: -0.003 min
Response: 5413060
Conc: 84.83 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



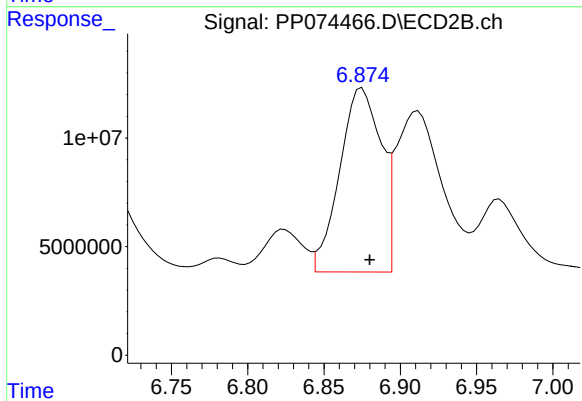
#29 AR-1254-4

R.T.: 6.458 min
Delta R.T.: -0.007 min
Response: 7278004
Conc: 19.80 ng/ml



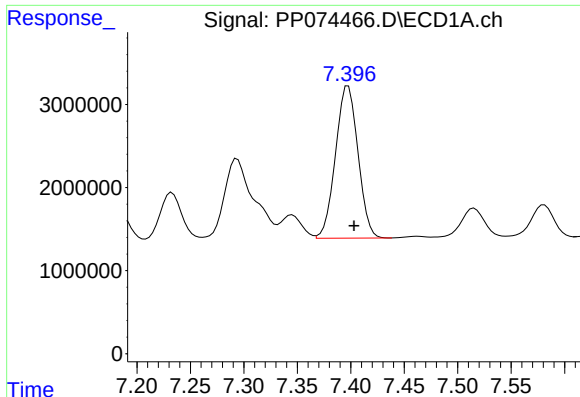
#30 AR-1254-5

R.T.: 7.929 min
Delta R.T.: -0.005 min
Response: 43860905
Conc: 540.53 ng/ml



#30 AR-1254-5

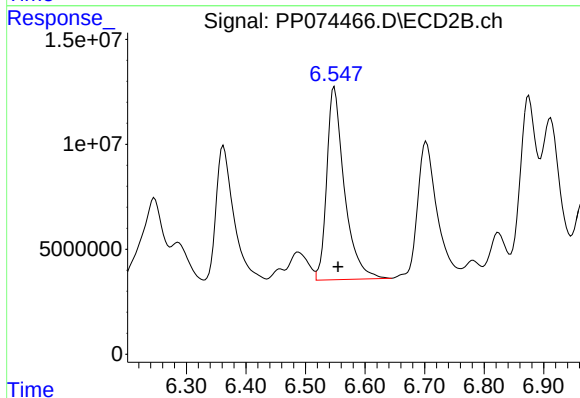
R.T.: 6.875 min
Delta R.T.: -0.005 min
Response: 159600038
Conc: 414.37 ng/ml



#31 AR-1260-1

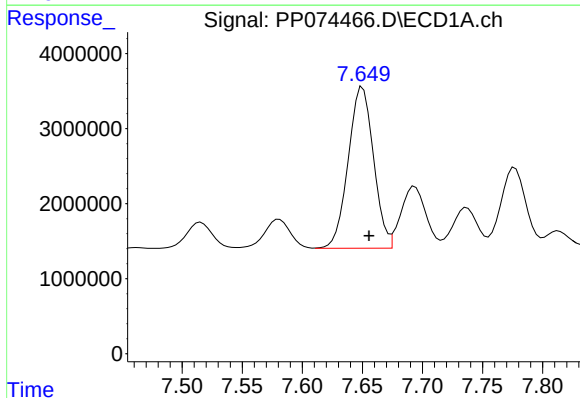
R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 26792978
Conc: 475.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



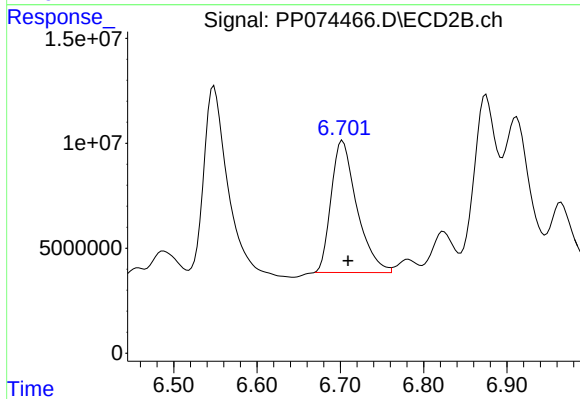
#31 AR-1260-1

R.T.: 6.548 min
Delta R.T.: -0.006 min
Response: 188921958
Conc: 467.68 ng/ml



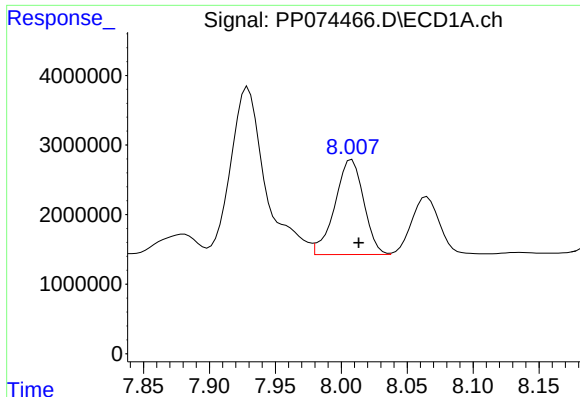
#32 AR-1260-2

R.T.: 7.650 min
Delta R.T.: -0.005 min
Response: 31575214
Conc: 463.30 ng/ml



#32 AR-1260-2

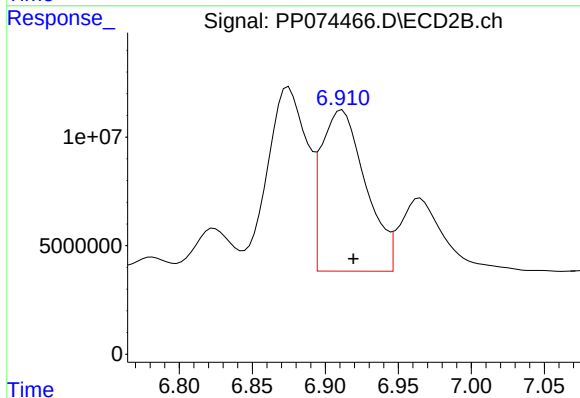
R.T.: 6.703 min
Delta R.T.: -0.006 min
Response: 134740263
Conc: 430.89 ng/ml



#33 AR-1260-3

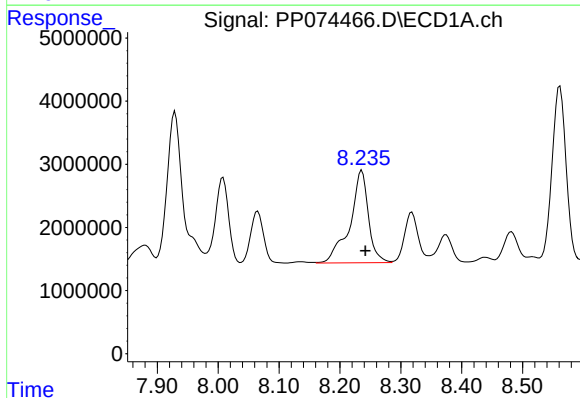
R.T.: 8.008 min
Delta R.T.: -0.005 min
Response: 20776881
Conc: 389.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



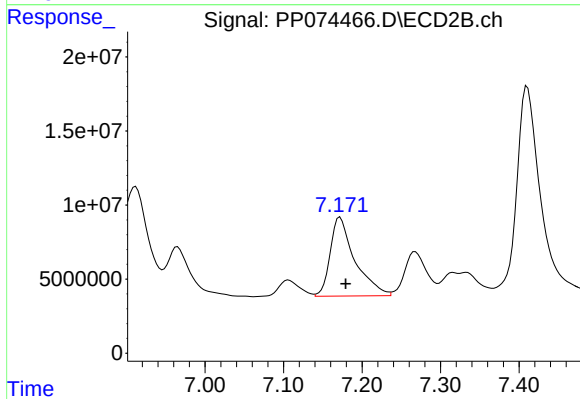
#33 AR-1260-3

R.T.: 6.912 min
Delta R.T.: -0.008 min
Response: 156537735
Conc: 397.18 ng/ml



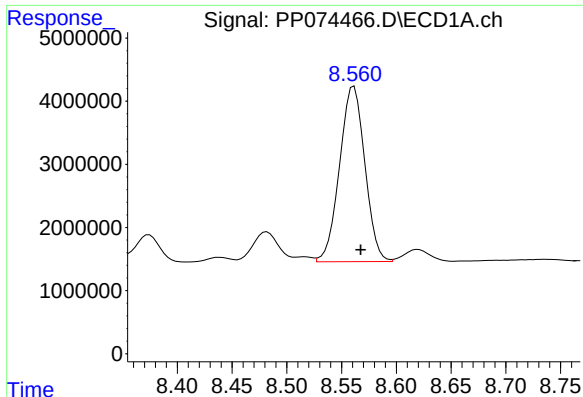
#34 AR-1260-4

R.T.: 8.236 min
Delta R.T.: -0.006 min
Response: 31001224
Conc: 495.11 ng/ml



#34 AR-1260-4

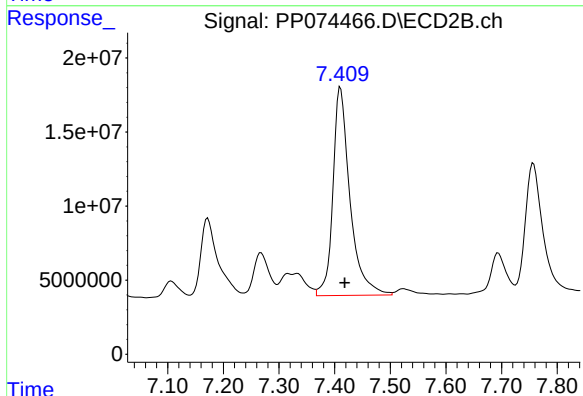
R.T.: 7.172 min
Delta R.T.: -0.007 min
Response: 115889143
Conc: 398.27 ng/ml



#35 AR-1260-5

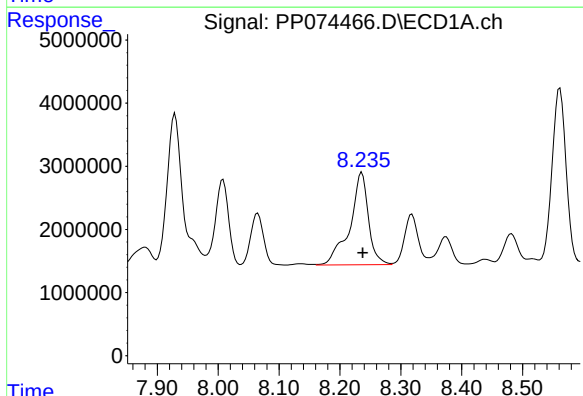
R.T.: 8.561 min
Delta R.T.: -0.006 min
Response: 44650054
Conc: 394.07 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



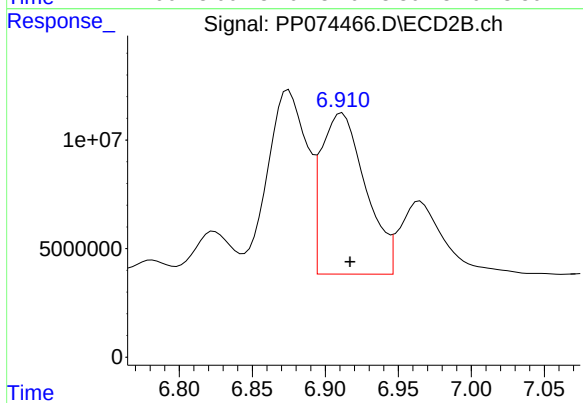
#35 AR-1260-5

R.T.: 7.411 min
Delta R.T.: -0.008 min
Response: 299822106
Conc: 395.85 ng/ml



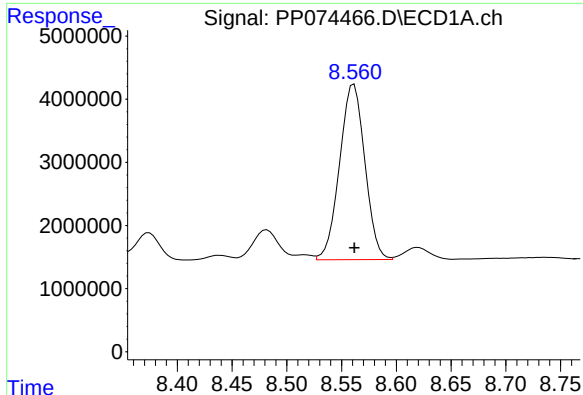
#36 AR-1262-1

R.T.: 8.236 min
Delta R.T.: -0.001 min
Response: 31001224
Conc: 409.04 ng/ml



#36 AR-1262-1

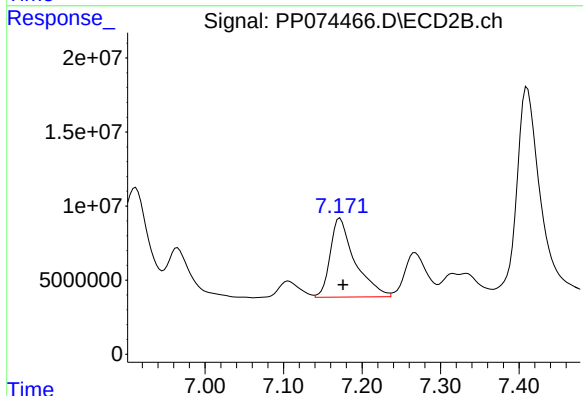
R.T.: 6.912 min
Delta R.T.: -0.005 min
Response: 156537735
Conc: 277.97 ng/ml



#37 AR-1262-2

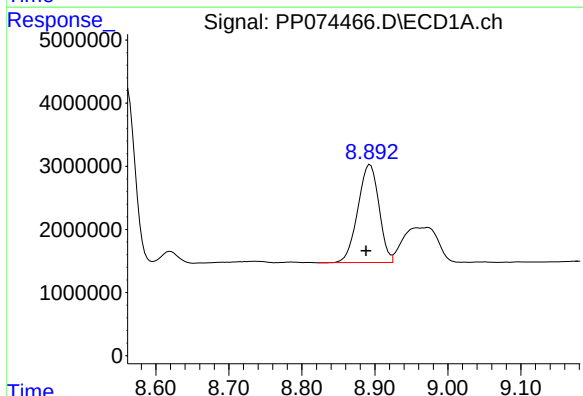
R.T.: 8.561 min
Delta R.T.: 0.000 min
Response: 44650054
Conc: 342.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



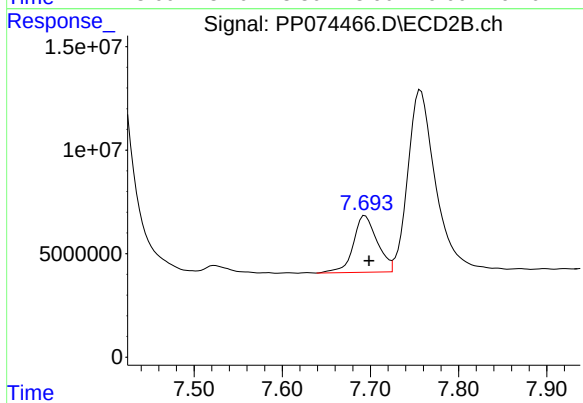
#37 AR-1262-2

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 115889143
Conc: 288.98 ng/ml



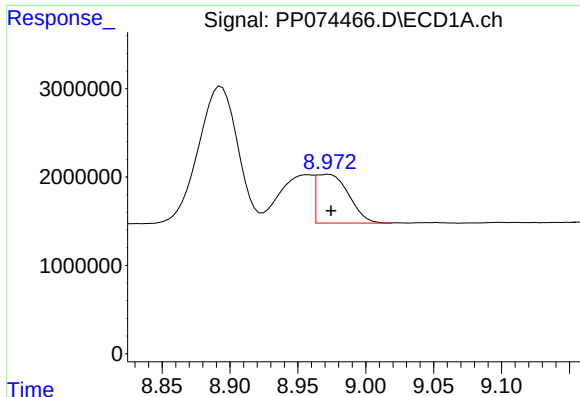
#38 AR-1262-3

R.T.: 8.893 min
Delta R.T.: 0.005 min
Response: 31129180
Conc: 330.91 ng/ml



#38 AR-1262-3

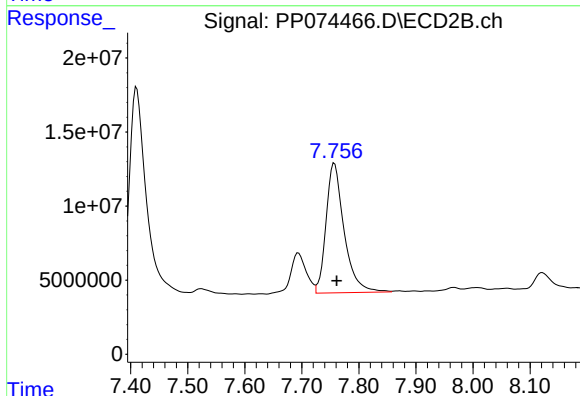
R.T.: 7.694 min
Delta R.T.: -0.004 min
Response: 51555941
Conc: 143.42 ng/ml



#39 AR-1262-4

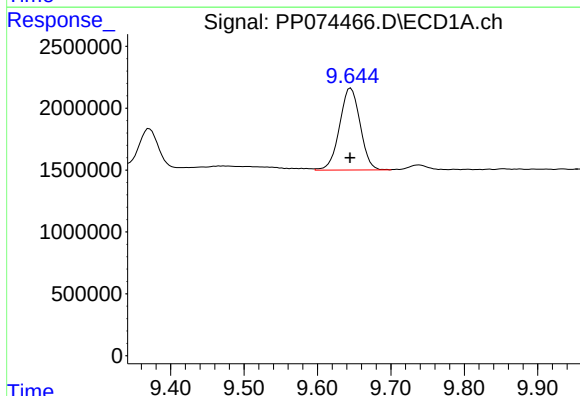
R.T.: 8.973 min
Delta R.T.: -0.001 min
Response: 9230289
Conc: 126.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



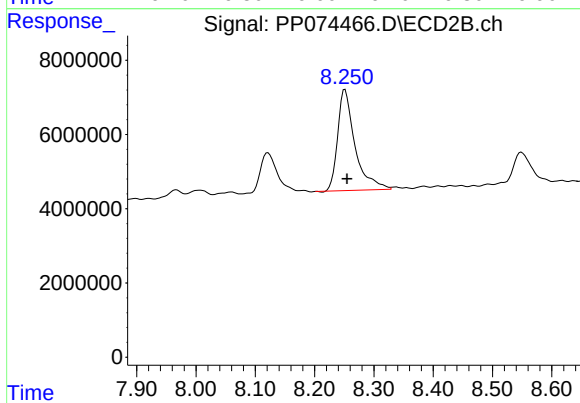
#39 AR-1262-4

R.T.: 7.757 min
Delta R.T.: -0.004 min
Response: 192695096
Conc: 288.93 ng/ml



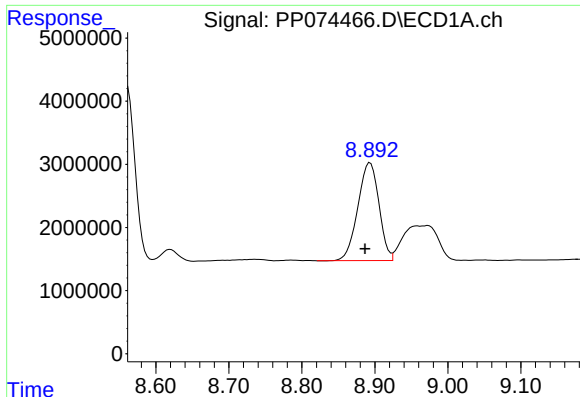
#40 AR-1262-5

R.T.: 9.645 min
Delta R.T.: 0.000 min
Response: 12899622
Conc: 253.32 ng/ml



#40 AR-1262-5

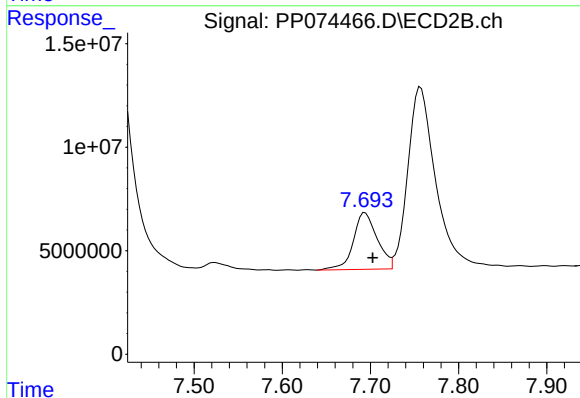
R.T.: 8.251 min
Delta R.T.: -0.004 min
Response: 55364764
Conc: 195.45 ng/ml



#41 AR-1268-1

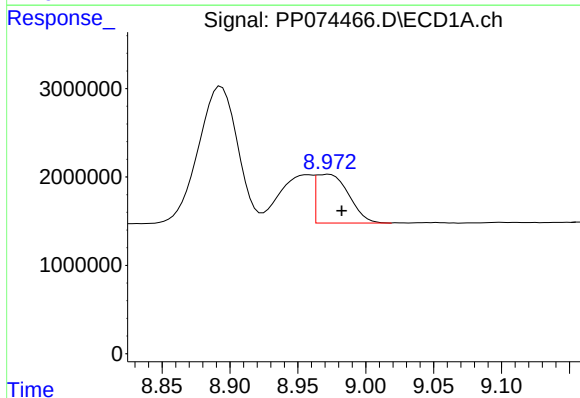
R.T.: 8.893 min
Delta R.T.: 0.007 min
Response: 31129180
Conc: 200.02 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



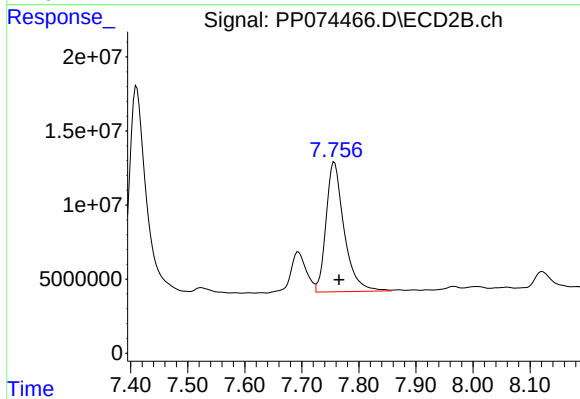
#41 AR-1268-1

R.T.: 7.694 min
Delta R.T.: -0.008 min
Response: 51555941
Conc: 47.29 ng/ml



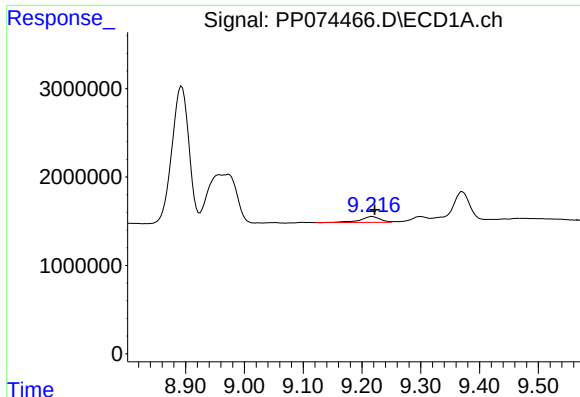
#42 AR-1268-2

R.T.: 8.973 min
Delta R.T.: -0.009 min
Response: 9230289
Conc: 64.36 ng/ml



#42 AR-1268-2

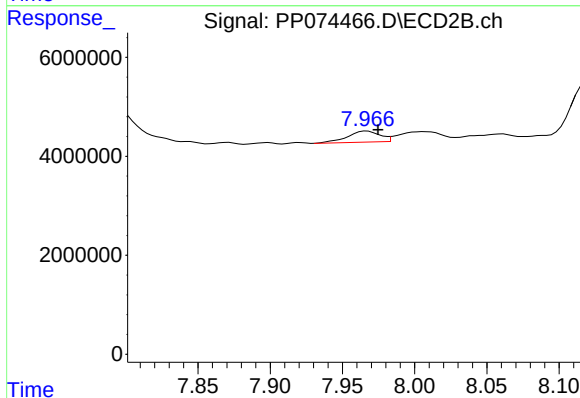
R.T.: 7.757 min
Delta R.T.: -0.008 min
Response: 192695096
Conc: 181.56 ng/ml



#43 AR-1268-3

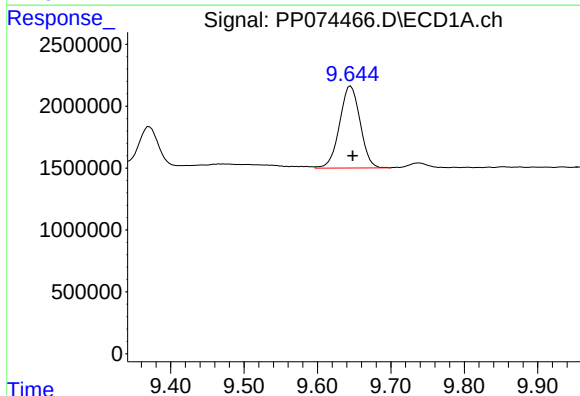
R.T.: 9.217 min
Delta R.T.: -0.005 min
Response: 1548993
Conc: 12.97 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



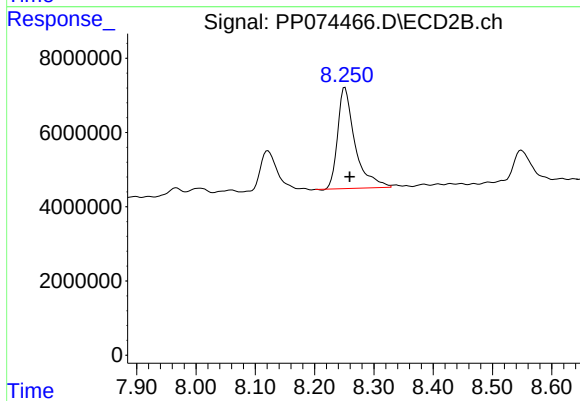
#43 AR-1268-3

R.T.: 7.967 min
Delta R.T.: -0.008 min
Response: 3460444
Conc: 4.16 ng/ml



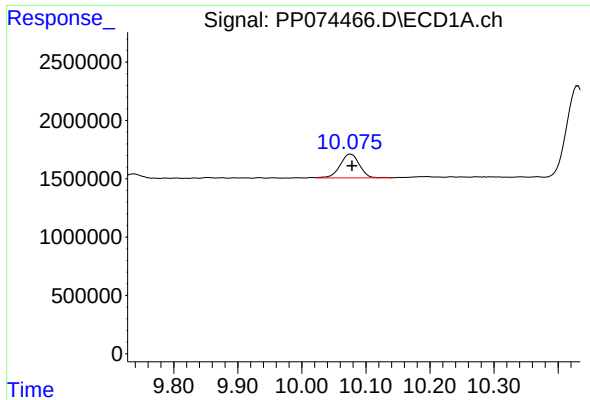
#44 AR-1268-4

R.T.: 9.645 min
Delta R.T.: -0.003 min
Response: 12899622
Conc: 219.33 ng/ml



#44 AR-1268-4

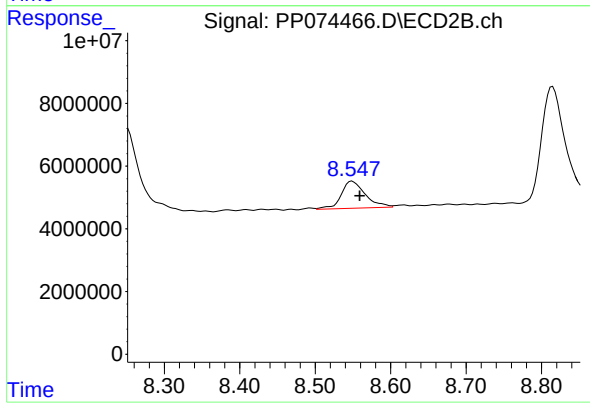
R.T.: 8.251 min
Delta R.T.: -0.008 min
Response: 55364764
Conc: 179.72 ng/ml



#45 AR-1268-5

R.T.: 10.076 min
Delta R.T.: -0.002 min
Response: 4277069
Conc: 12.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
PL-02-081525-MSD



#45 AR-1268-5

R.T.: 8.549 min
Delta R.T.: -0.010 min
Response: 19257383
Conc: 7.55 ng/ml

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
 Data File : PP074467.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2025 19:39
 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: Aug 19 02:15:47 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 04 11:01:49 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...	4.655	3.800	57025176	221.8E6	50.992	57.850
2)	SA Decachlor...	10.428	8.813	41449733	246.3E6	42.681	40.953
Target Compounds							
3)	L1 AR-1016-1	5.806	4.899	19501466	219.6E6	472.685	550.576
4)	L1 AR-1016-2	5.827	4.957	28564255	106.1E6	470.258	564.822
5)	L1 AR-1016-3	5.890	5.076	18794201	58738699	473.877	553.775
6)	L1 AR-1016-4	5.987	5.117	15391095	59560434	472.925	545.325
7)	L1 AR-1016-5	6.279	5.331	15040192	65180111	463.231	557.270
8)	L2 AR-1221-1	4.850	4.009	2276011	7718747	135.771	157.252
9)	L2 AR-1221-2	4.941	4.096	3417840	9631364	271.235	268.363
10)	L2 AR-1221-3	5.015	4.172	11943805	44712751	326.020	330.656
11)	L3 AR-1232-1	5.015	4.172	11943805	44712751	411.326	441.118
12)	L3 AR-1232-2	5.541	4.899	15058106	219.6E6	1001.023	1260.243 #
13)	L3 AR-1232-3	5.827	5.076	28564255	58738699	984.916	1282.039 #
14)	L3 AR-1232-4	5.987	5.159	15391095	106.3E6	994.975	1832.610 #
15)	L3 AR-1232-5	6.076	5.331	13568987	65180111	1158.158	1387.417
16)	L4 AR-1242-1	5.806	4.899	19501466	219.6E6	523.307	636.314
17)	L4 AR-1242-2	5.827	4.957	28564255	106.1E6	524.992	649.285
18)	L4 AR-1242-3	5.890	5.076	18794201	58738699	525.920	636.744
19)	L4 AR-1242-4	5.987	5.159	15391095	106.3E6	526.756	890.216 #
20)	L4 AR-1242-5	6.717	5.681	5117794	98615815	143.928	659.373 #
21)	L5 AR-1248-1	5.806	4.899	19501466	219.6E6	696.119	1026.579 #
22)	L5 AR-1248-2	6.076	5.117	13568987	59560434	337.025	407.077
23)	L5 AR-1248-3	6.279	5.159	15040192	106.3E6	337.424	620.034 #
24)	L5 AR-1248-4	6.653	5.331	19197030	65180111	368.910	391.770
25)	L5 AR-1248-5	6.717	5.768f	5117794	19588983	89.875	67.324 #
26)	L6 AR-1254-1	6.653	5.681	19197030	98615815	364.678	269.308 #
27)	L6 AR-1254-2	6.869	5.828	12361089	60082287	155.476	215.955 #
28)	L6 AR-1254-3	7.230	6.245	8918467	107.1E6	102.140	218.902 #
29)	L6 AR-1254-4	7.513	6.457	5210042	9943454	81.650	27.052 #
30)	L6 AR-1254-5	7.928	6.873	37351751	135.5E6	460.310	351.682
31)	L7 AR-1260-1	7.396	6.547	24498020	187.4E6	434.701	464.001
32)	L7 AR-1260-2	7.649	6.702	28275895	133.7E6	414.892	427.537
33)	L7 AR-1260-3	8.007	6.911	22266815	178.6E6	417.796	453.271
34)	L7 AR-1260-4	8.235	7.170	26756163	125.2E6	427.313	430.185
35)	L7 AR-1260-5	8.560	7.410	46372300	318.5E6	409.270	420.477
36)	L8 AR-1262-1	8.235	6.911	26756163	178.6E6	353.032	317.224
37)	L8 AR-1262-2	8.560	7.170	46372300	125.2E6	355.534	312.139
38)	L8 AR-1262-3	8.892	7.693	32150268	66772245	341.766	185.752 #
39)	L8 AR-1262-4	8.970	7.756	21553066	218.6E6	295.849	327.837
40)	L8 AR-1262-5	9.644	8.250	15622855	71747311	306.796	253.284
41)	L9 AR-1268-1	8.892	7.693	32150268	66772245	206.578	61.244 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:39
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: Aug 19 02:15:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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
42) L9	AR-1268-2	8.970	7.756	21553066	218.6E6	150.273	206.008 #
43) L9	AR-1268-3	9.216	7.965	789536	2002453	6.608	2.407 #
44) L9	AR-1268-4	9.644	8.250	15622855	71747311	265.638	232.901
45) L9	AR-1268-5	10.074	8.548	4454386	17803996	12.665	6.982 #

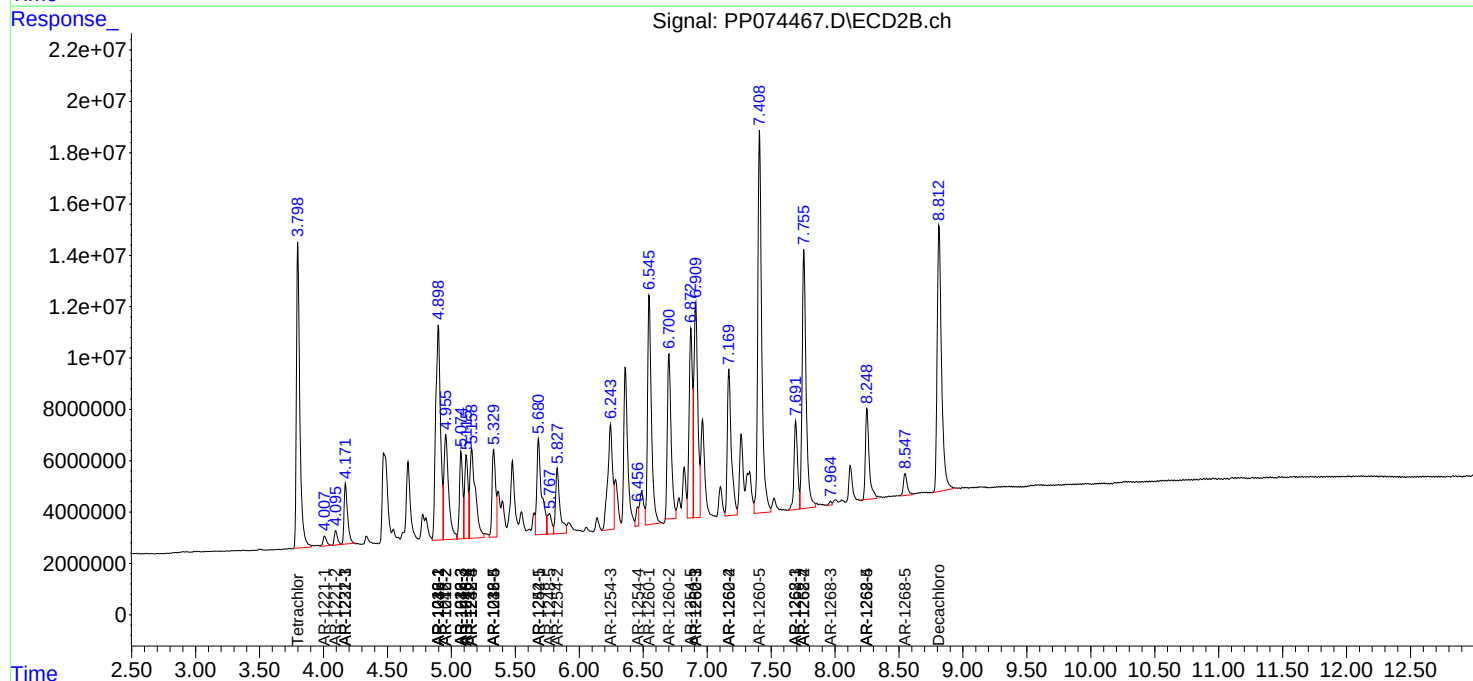
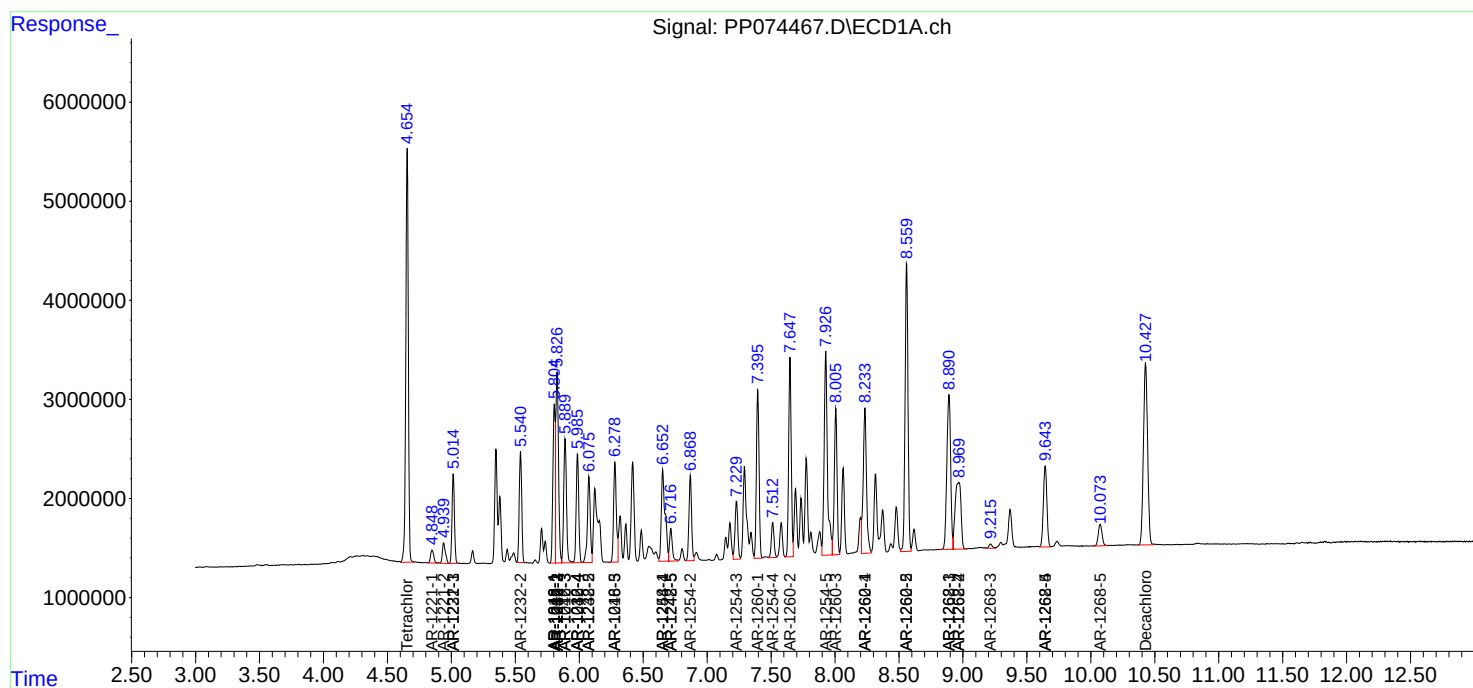
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

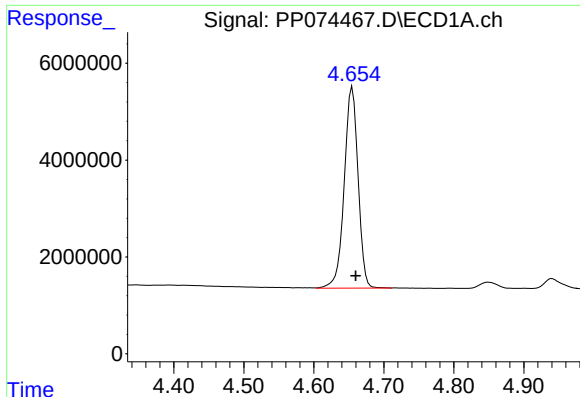
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081825\
Data File : PP074467.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Aug 2025 19:39
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 19 02:15:47 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080125.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 04 11:01:49 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

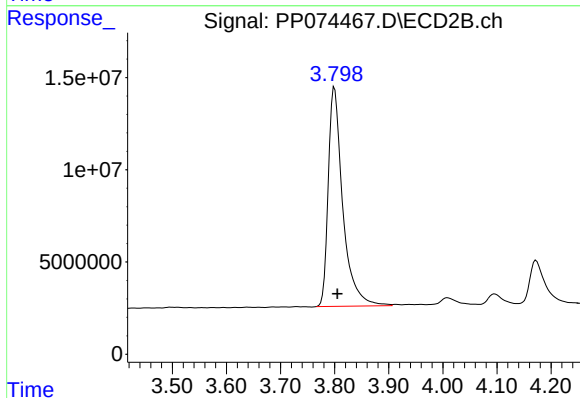




#1 Tetrachloro-m-xylene

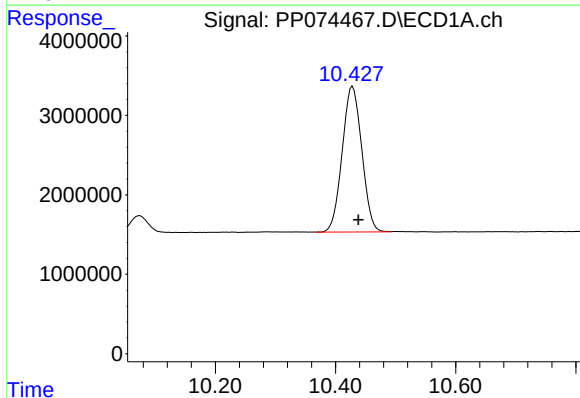
R.T.: 4.655 min
Delta R.T.: -0.005 min
Response: 57025176
Conc: 50.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



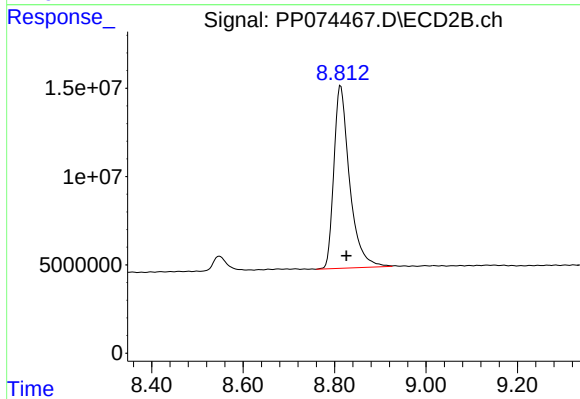
#1 Tetrachloro-m-xylene

R.T.: 3.800 min
Delta R.T.: -0.006 min
Response: 221822280
Conc: 57.85 ng/ml



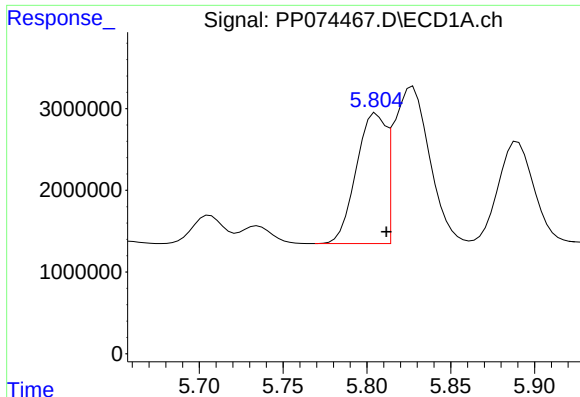
#2 Decachlorobiphenyl

R.T.: 10.428 min
Delta R.T.: -0.010 min
Response: 41449733
Conc: 42.68 ng/ml



#2 Decachlorobiphenyl

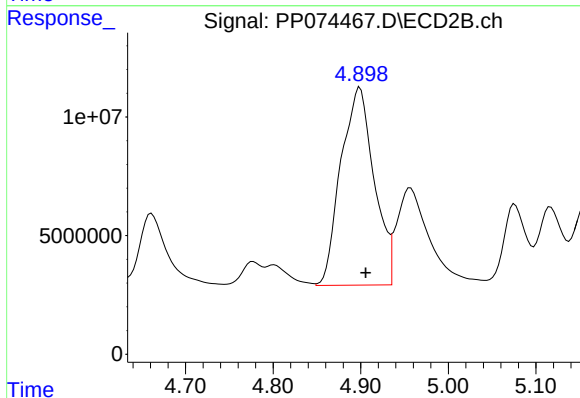
R.T.: 8.813 min
Delta R.T.: -0.013 min
Response: 246273498
Conc: 40.95 ng/ml



#3 AR-1016-1

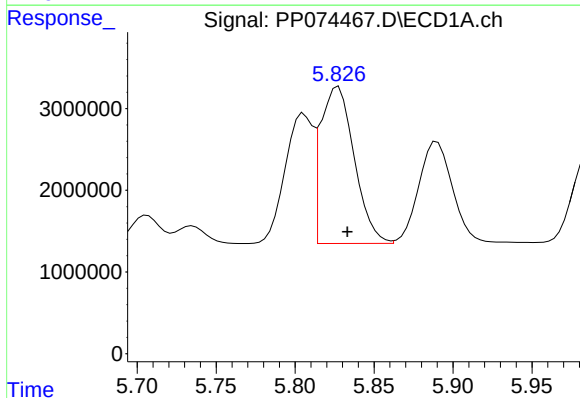
R.T.: 5.806 min
Delta R.T.: -0.006 min
Response: 19501466
Conc: 472.68 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



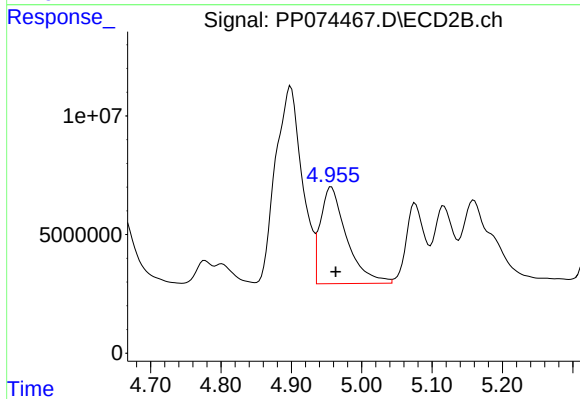
#3 AR-1016-1

R.T.: 4.899 min
Delta R.T.: -0.007 min
Response: 219617794
Conc: 550.58 ng/ml



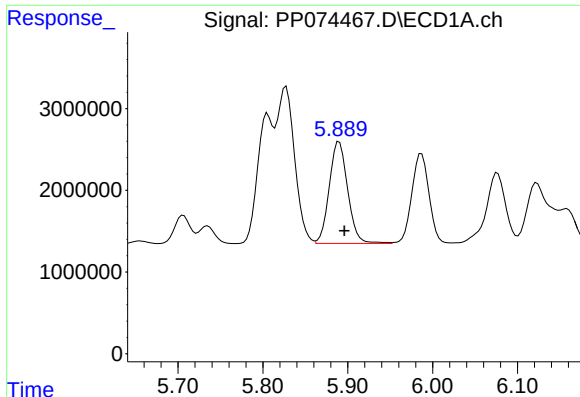
#4 AR-1016-2

R.T.: 5.827 min
Delta R.T.: -0.006 min
Response: 28564255
Conc: 470.26 ng/ml



#4 AR-1016-2

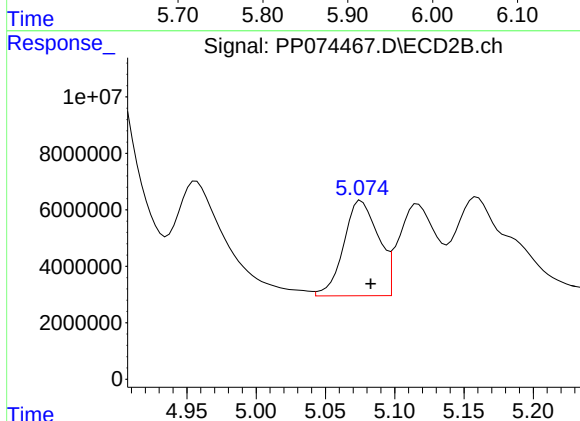
R.T.: 4.957 min
Delta R.T.: -0.006 min
Response: 106078626
Conc: 564.82 ng/ml



#5 AR-1016-3

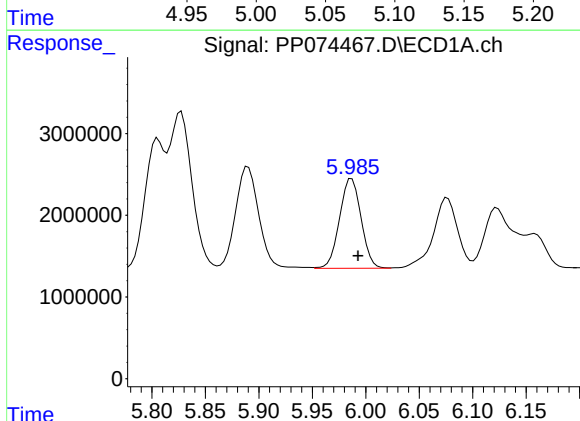
R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 18794201
Conc: 473.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



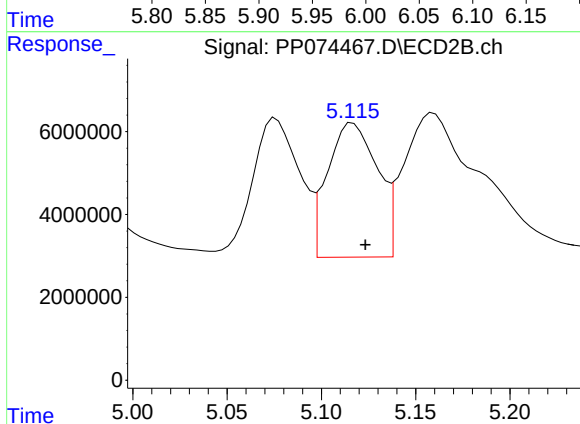
#5 AR-1016-3

R.T.: 5.076 min
Delta R.T.: -0.007 min
Response: 58738699
Conc: 553.77 ng/ml



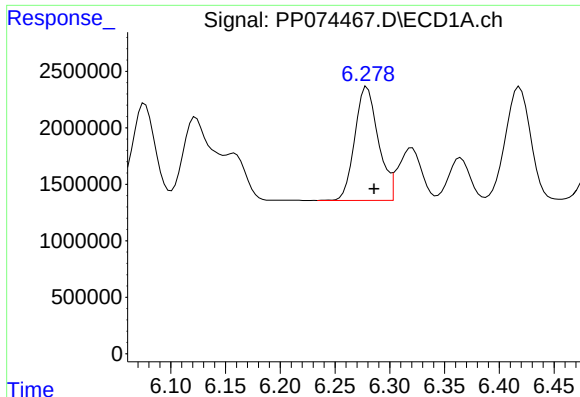
#6 AR-1016-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 15391095
Conc: 472.92 ng/ml



#6 AR-1016-4

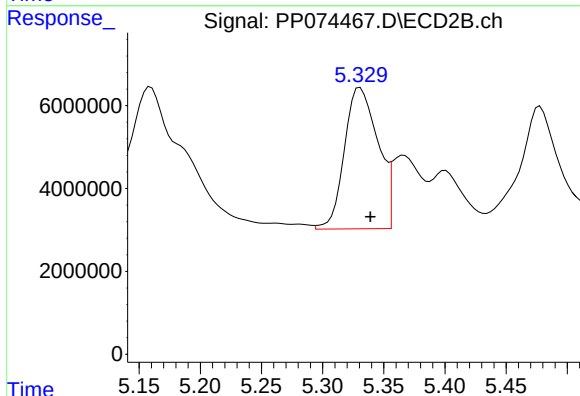
R.T.: 5.117 min
Delta R.T.: -0.007 min
Response: 59560434
Conc: 545.33 ng/ml



#7 AR-1016-5

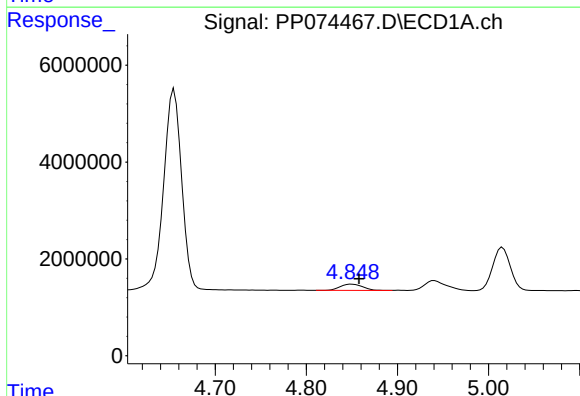
R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 15040192
Conc: 463.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



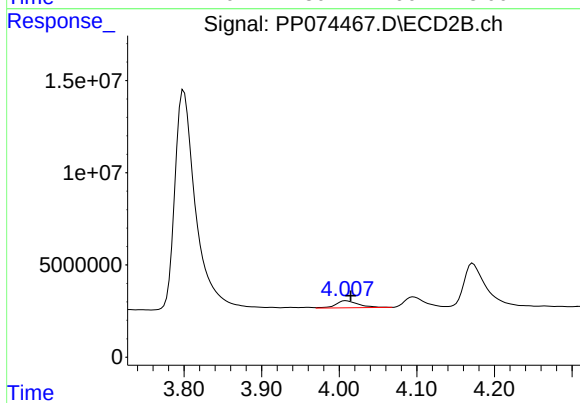
#7 AR-1016-5

R.T.: 5.331 min
Delta R.T.: -0.008 min
Response: 65180111
Conc: 557.27 ng/ml



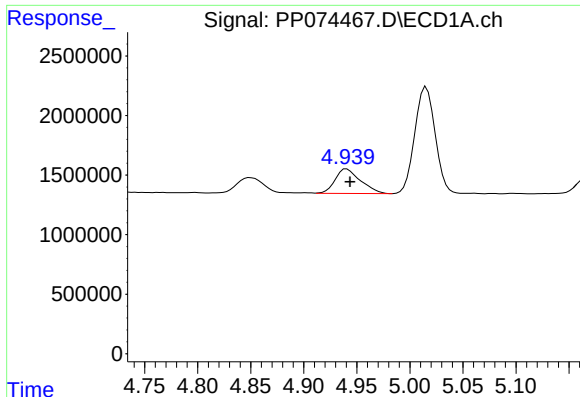
#8 AR-1221-1

R.T.: 4.850 min
Delta R.T.: -0.008 min
Response: 2276011
Conc: 135.77 ng/ml



#8 AR-1221-1

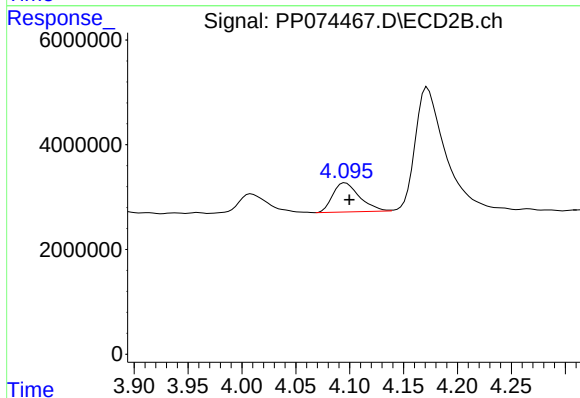
R.T.: 4.009 min
Delta R.T.: -0.006 min
Response: 7718747
Conc: 157.25 ng/ml



#9 AR-1221-2

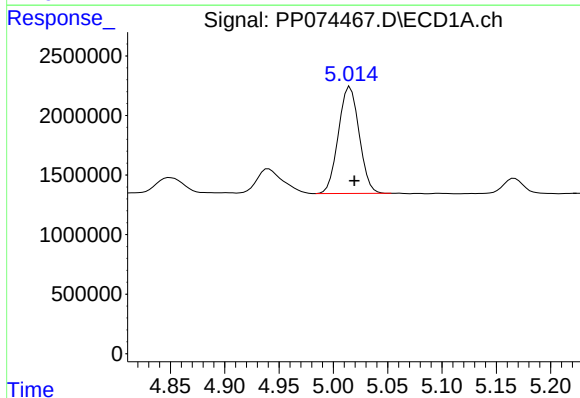
R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 3417840
Conc: 271.23 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



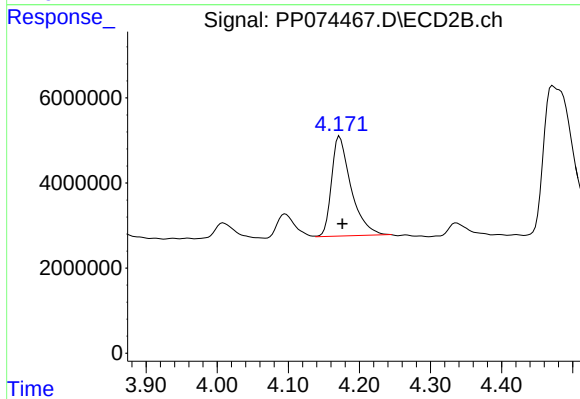
#9 AR-1221-2

R.T.: 4.096 min
Delta R.T.: -0.004 min
Response: 9631364
Conc: 268.36 ng/ml



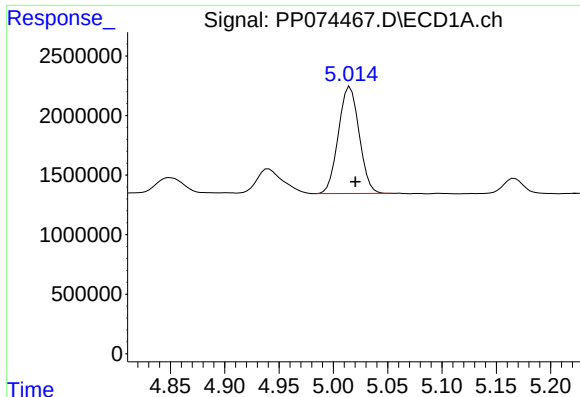
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 11943805
Conc: 326.02 ng/ml



#10 AR-1221-3

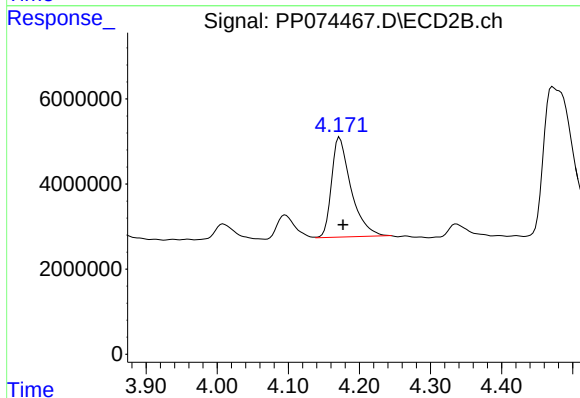
R.T.: 4.172 min
Delta R.T.: -0.004 min
Response: 44712751
Conc: 330.66 ng/ml



#11 AR-1232-1

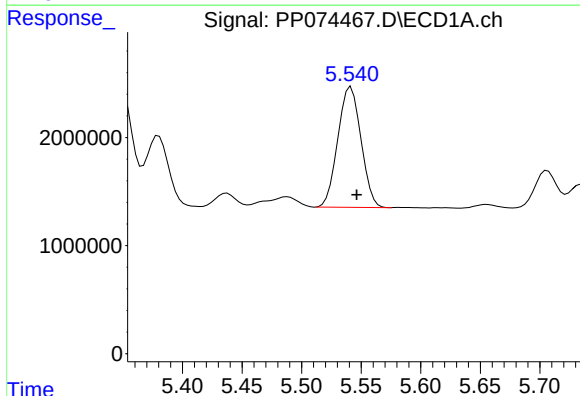
R.T.: 5.015 min
Delta R.T.: -0.005 min
Response: 11943805
Conc: 411.33 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



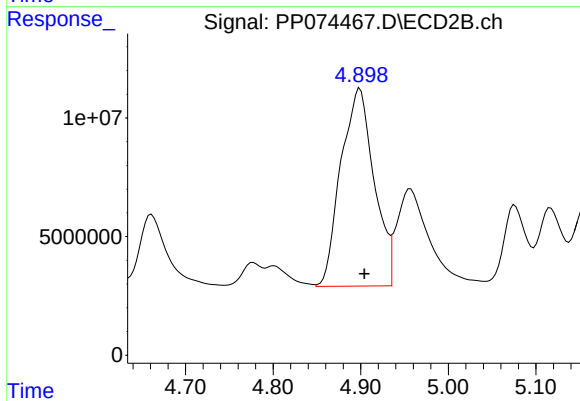
#11 AR-1232-1

R.T.: 4.172 min
Delta R.T.: -0.005 min
Response: 44712751
Conc: 441.12 ng/ml



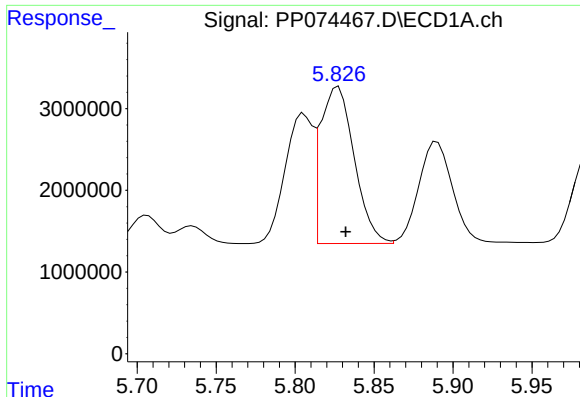
#12 AR-1232-2

R.T.: 5.541 min
Delta R.T.: -0.005 min
Response: 15058106
Conc: 1001.02 ng/ml



#12 AR-1232-2

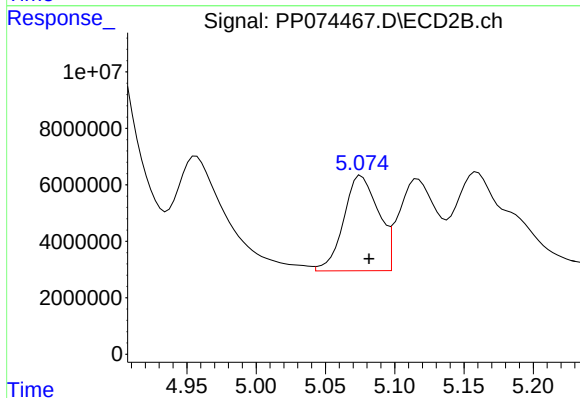
R.T.: 4.899 min
Delta R.T.: -0.005 min
Response: 219617794
Conc: 1260.24 ng/ml



#13 AR-1232-3

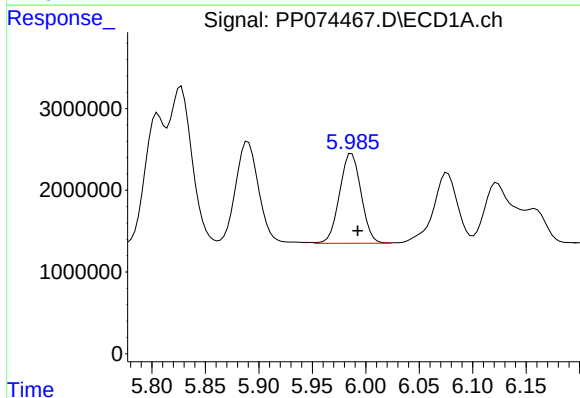
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 28564255
Conc: 984.92 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



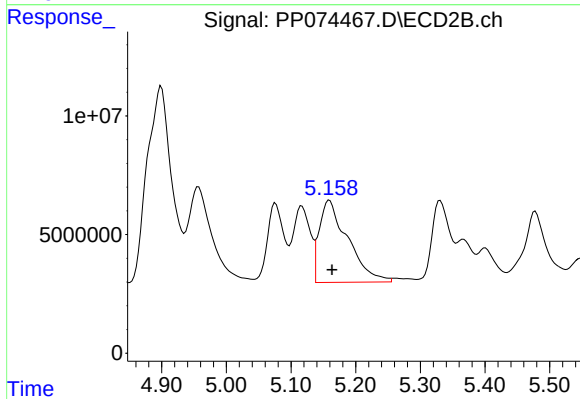
#13 AR-1232-3

R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 58738699
Conc: 1282.04 ng/ml



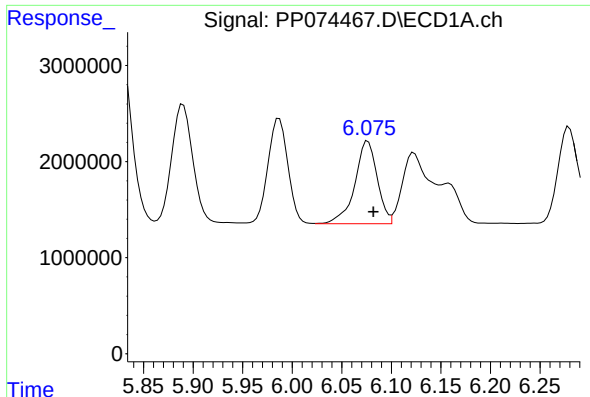
#14 AR-1232-4

R.T.: 5.987 min
Delta R.T.: -0.006 min
Response: 15391095
Conc: 994.97 ng/ml



#14 AR-1232-4

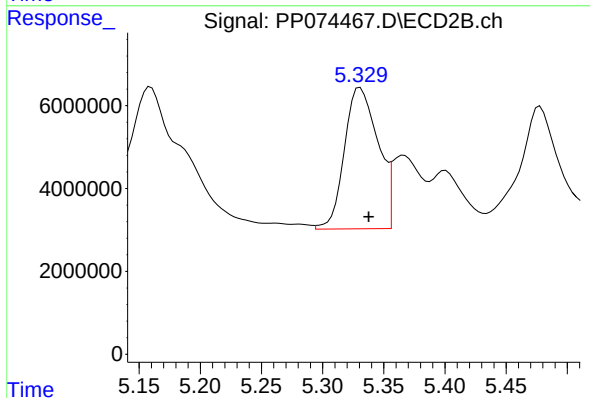
R.T.: 5.159 min
Delta R.T.: -0.004 min
Response: 106311006
Conc: 1832.61 ng/ml



#15 AR-1232-5

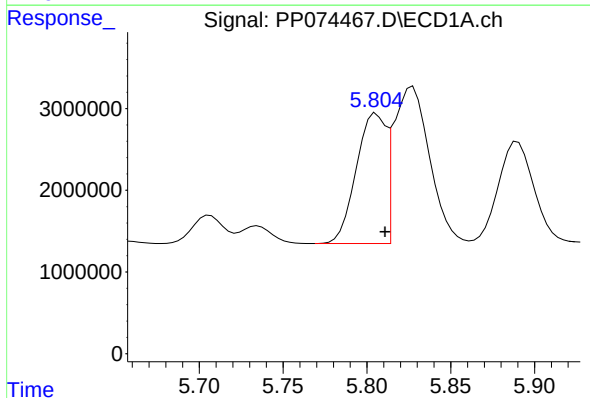
R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 13568987
Conc: 1158.16 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



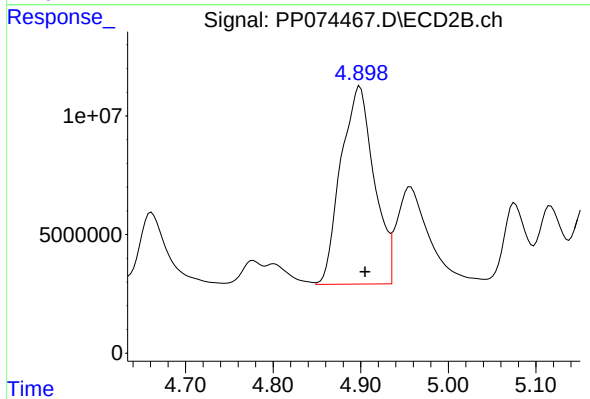
#15 AR-1232-5

R.T.: 5.331 min
Delta R.T.: -0.007 min
Response: 65180111
Conc: 1387.42 ng/ml



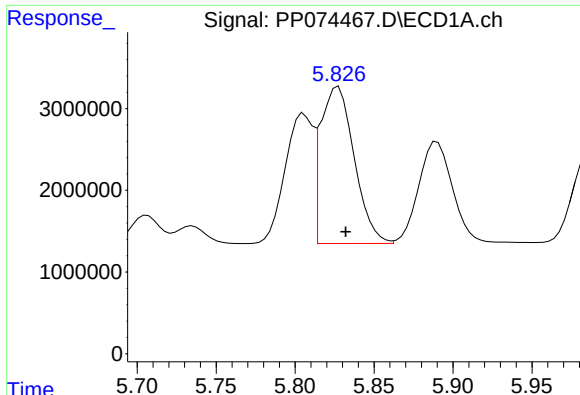
#16 AR-1242-1

R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 19501466
Conc: 523.31 ng/ml



#16 AR-1242-1

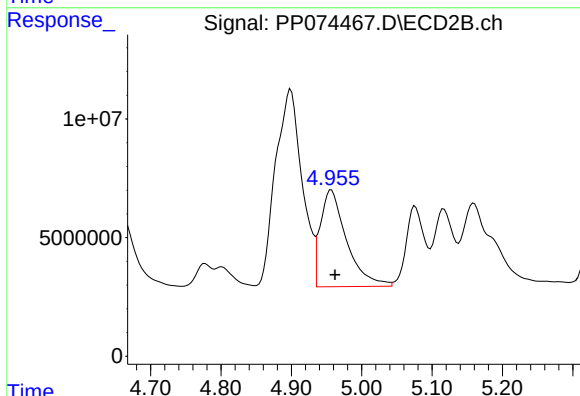
R.T.: 4.899 min
Delta R.T.: -0.006 min
Response: 219617794
Conc: 636.31 ng/ml



#17 AR-1242-2

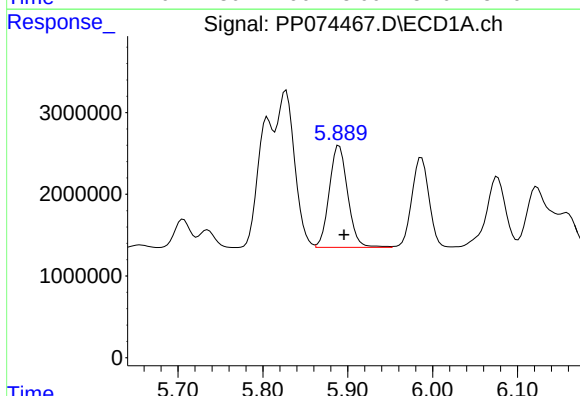
R.T.: 5.827 min
Delta R.T.: -0.005 min
Response: 28564255
Conc: 524.99 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



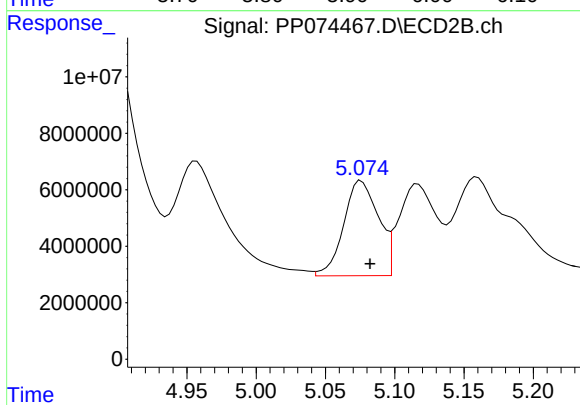
#17 AR-1242-2

R.T.: 4.957 min
Delta R.T.: -0.005 min
Response: 106078626
Conc: 649.28 ng/ml



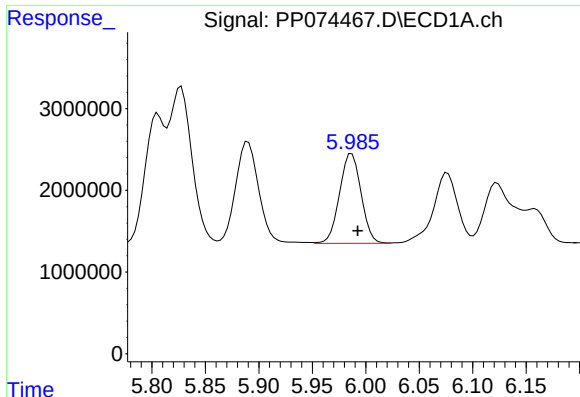
#18 AR-1242-3

R.T.: 5.890 min
Delta R.T.: -0.006 min
Response: 18794201
Conc: 525.92 ng/ml



#18 AR-1242-3

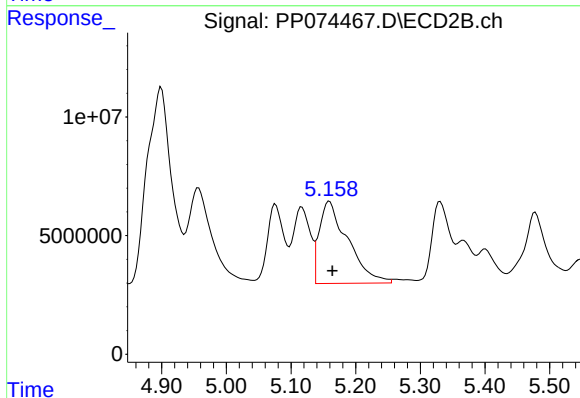
R.T.: 5.076 min
Delta R.T.: -0.006 min
Response: 58738699
Conc: 636.74 ng/ml



#19 AR-1242-4

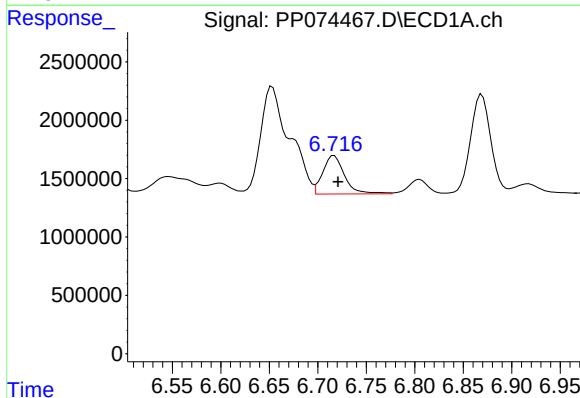
R.T.: 5.987 min
Delta R.T.: -0.005 min
Response: 15391095
Conc: 526.76 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



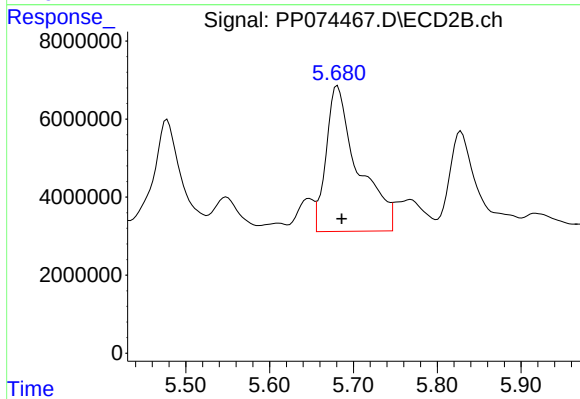
#19 AR-1242-4

R.T.: 5.159 min
Delta R.T.: -0.005 min
Response: 106311006
Conc: 890.22 ng/ml



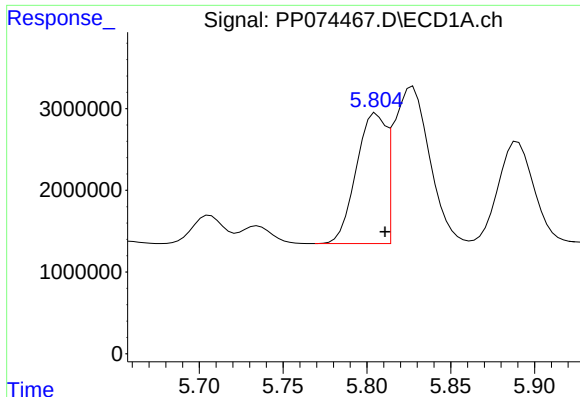
#20 AR-1242-5

R.T.: 6.717 min
Delta R.T.: -0.004 min
Response: 5117794
Conc: 143.93 ng/ml



#20 AR-1242-5

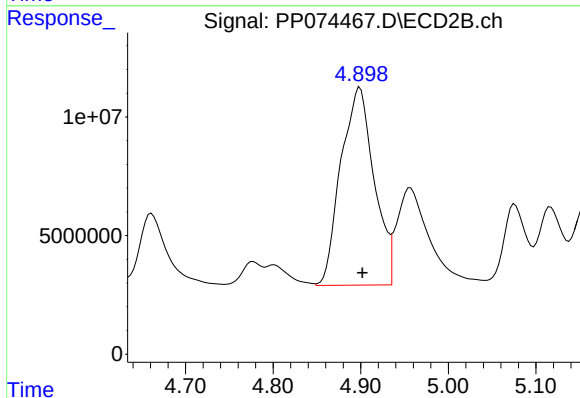
R.T.: 5.681 min
Delta R.T.: -0.005 min
Response: 98615815
Conc: 659.37 ng/ml



#21 AR-1248-1

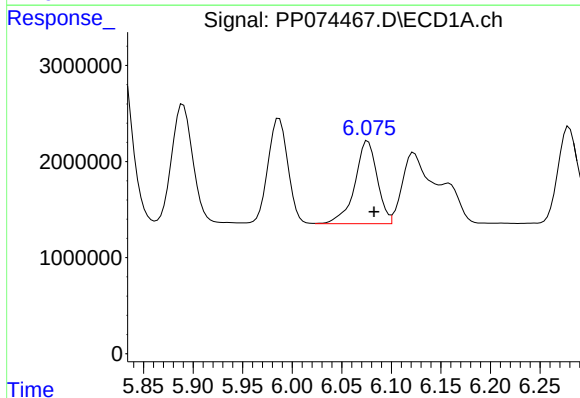
R.T.: 5.806 min
Delta R.T.: -0.005 min
Response: 19501466
Conc: 696.12 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



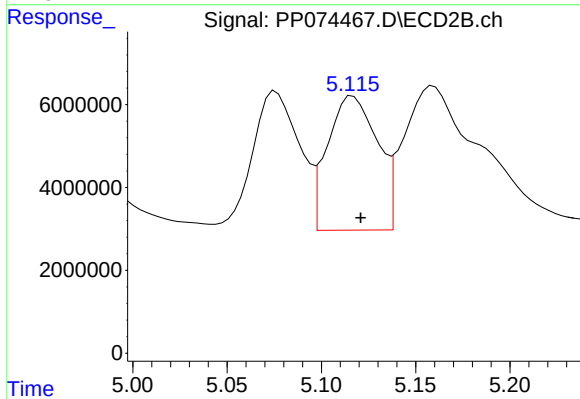
#21 AR-1248-1

R.T.: 4.899 min
Delta R.T.: -0.003 min
Response: 219617794
Conc: 1026.58 ng/ml



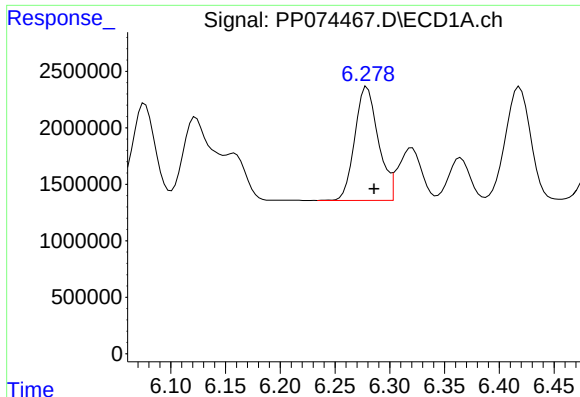
#22 AR-1248-2

R.T.: 6.076 min
Delta R.T.: -0.006 min
Response: 13568987
Conc: 337.03 ng/ml



#22 AR-1248-2

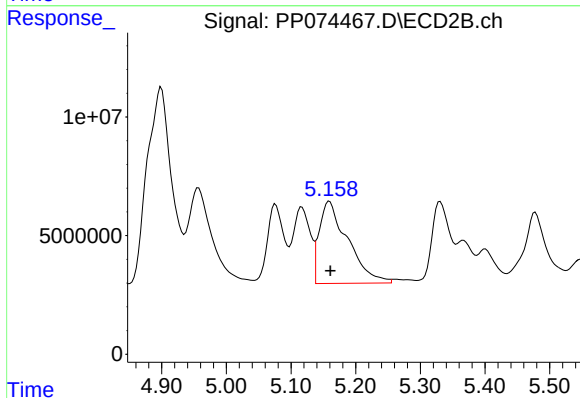
R.T.: 5.117 min
Delta R.T.: -0.004 min
Response: 59560434
Conc: 407.08 ng/ml



#23 AR-1248-3

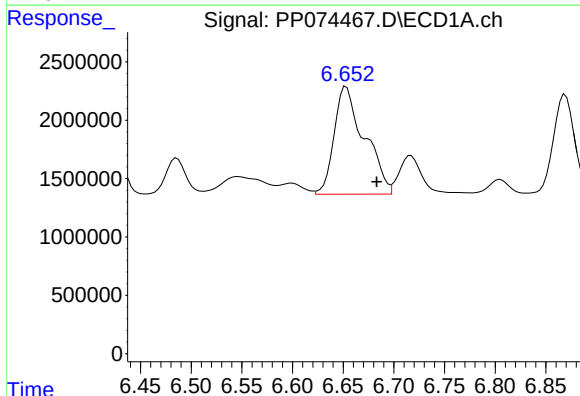
R.T.: 6.279 min
Delta R.T.: -0.006 min
Response: 15040192
Conc: 337.42 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



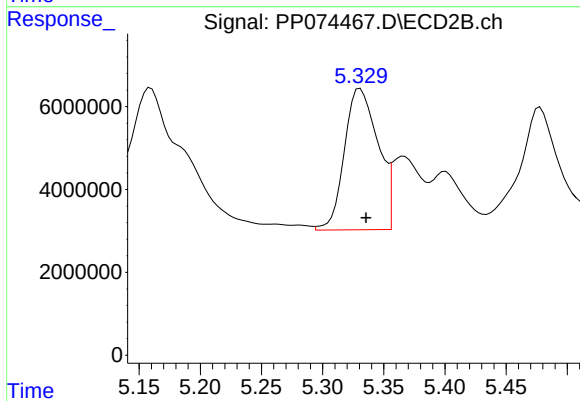
#23 AR-1248-3

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 106311006
Conc: 620.03 ng/ml



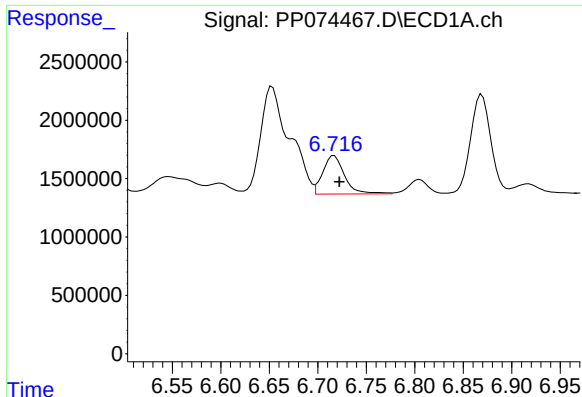
#24 AR-1248-4

R.T.: 6.653 min
Delta R.T.: -0.030 min
Response: 19197030
Conc: 368.91 ng/ml



#24 AR-1248-4

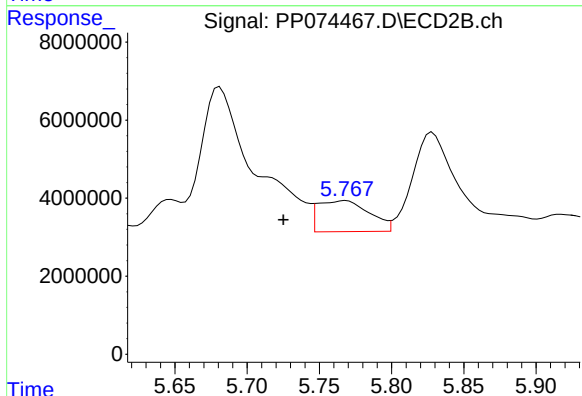
R.T.: 5.331 min
Delta R.T.: -0.005 min
Response: 65180111
Conc: 391.77 ng/ml



#25 AR-1248-5

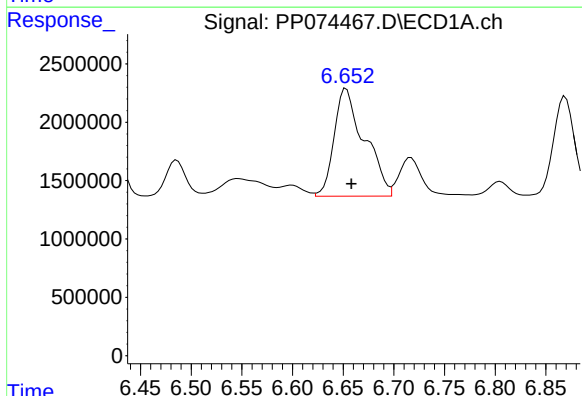
R.T.: 6.717 min
Delta R.T.: -0.005 min
Response: 5117794
Conc: 89.88 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



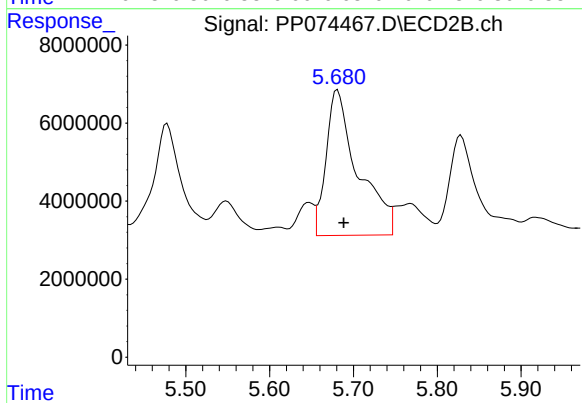
#25 AR-1248-5

R.T.: 5.768 min
Delta R.T.: 0.043 min
Response: 19588983
Conc: 67.32 ng/ml



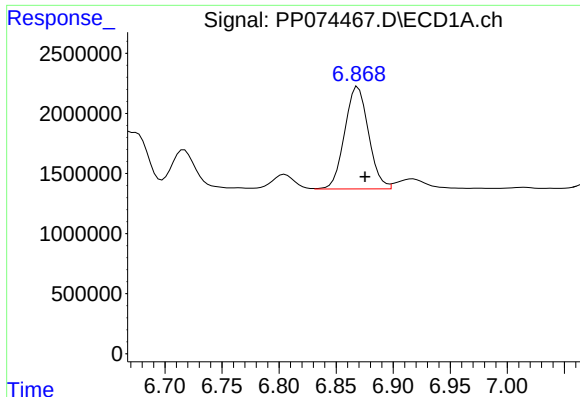
#26 AR-1254-1

R.T.: 6.653 min
Delta R.T.: -0.005 min
Response: 19197030
Conc: 364.68 ng/ml



#26 AR-1254-1

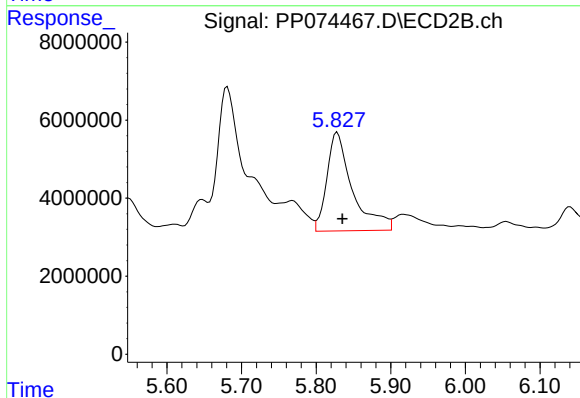
R.T.: 5.681 min
Delta R.T.: -0.007 min
Response: 98615815
Conc: 269.31 ng/ml



#27 AR-1254-2

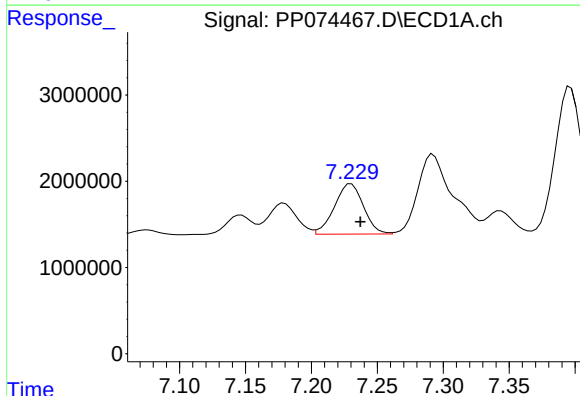
R.T.: 6.869 min
Delta R.T.: -0.006 min
Response: 12361089
Conc: 155.48 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



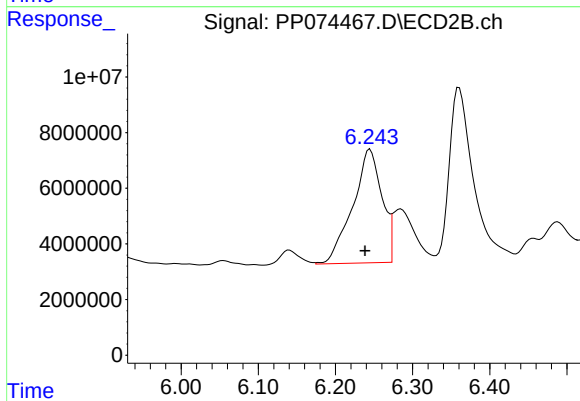
#27 AR-1254-2

R.T.: 5.828 min
Delta R.T.: -0.007 min
Response: 60082287
Conc: 215.95 ng/ml



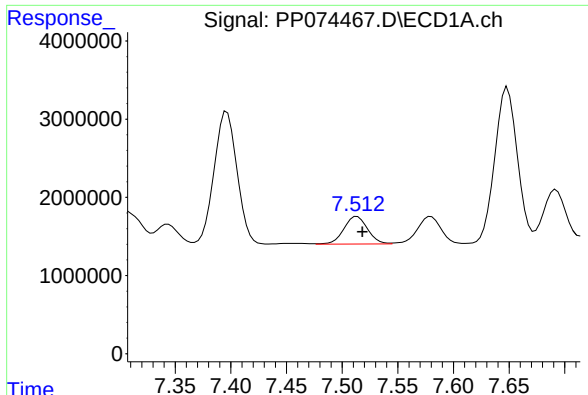
#28 AR-1254-3

R.T.: 7.230 min
Delta R.T.: -0.007 min
Response: 8918467
Conc: 102.14 ng/ml



#28 AR-1254-3

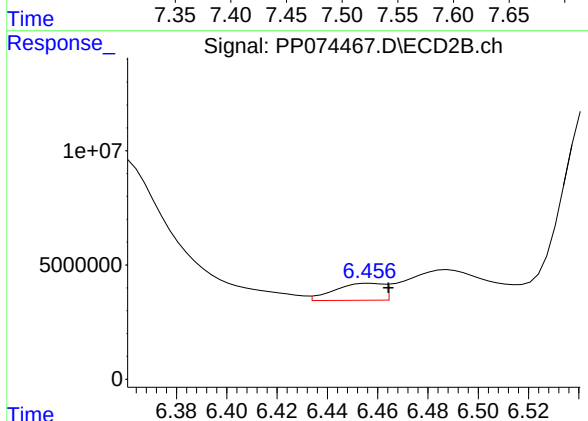
R.T.: 6.245 min
Delta R.T.: 0.007 min
Response: 107089202
Conc: 218.90 ng/ml



#29 AR-1254-4

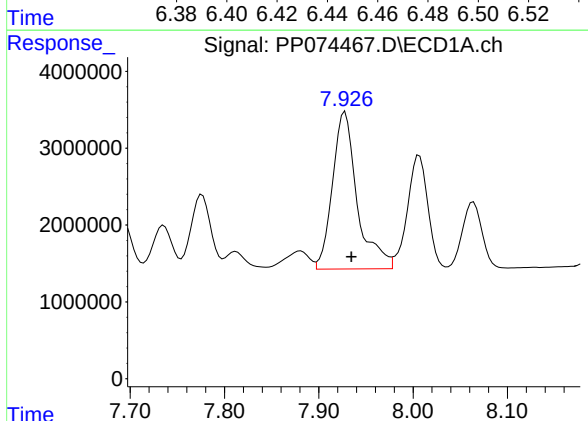
R.T.: 7.513 min
Delta R.T.: -0.005 min
Response: 5210042
Conc: 81.65 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



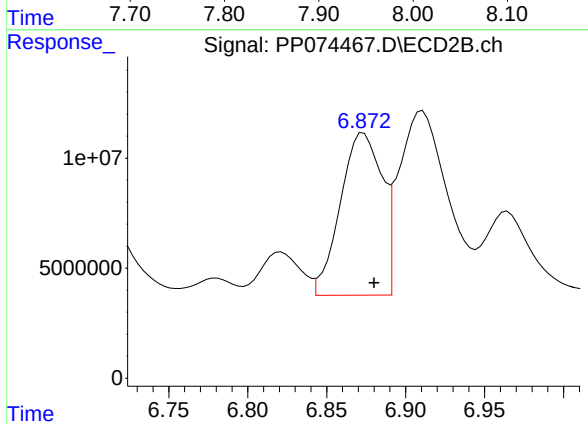
#29 AR-1254-4

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 9943454
Conc: 27.05 ng/ml



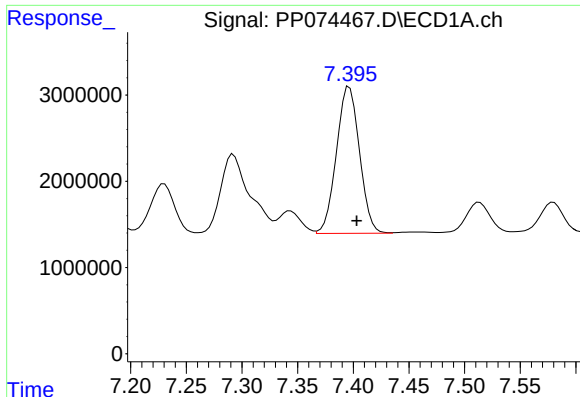
#30 AR-1254-5

R.T.: 7.928 min
Delta R.T.: -0.007 min
Response: 37351751
Conc: 460.31 ng/ml



#30 AR-1254-5

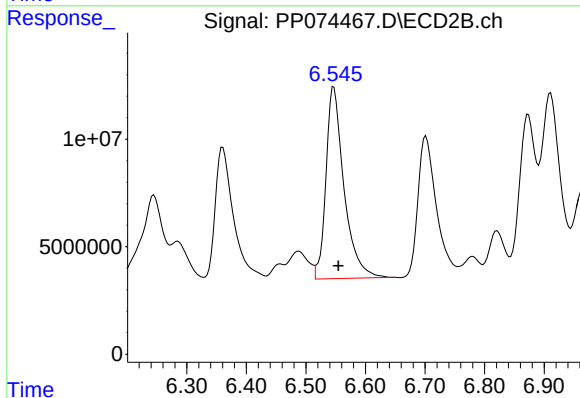
R.T.: 6.873 min
Delta R.T.: -0.007 min
Response: 135456310
Conc: 351.68 ng/ml



#31 AR-1260-1

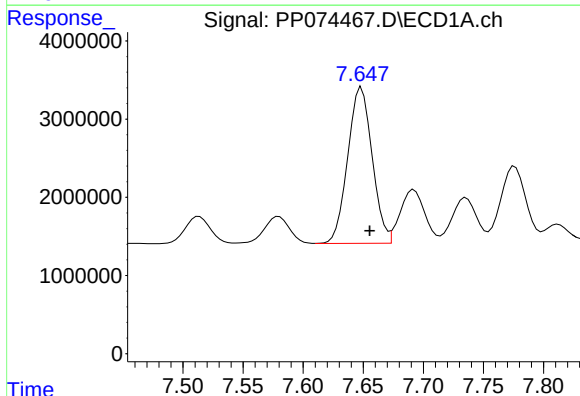
R.T.: 7.396 min
Delta R.T.: -0.007 min
Response: 24498020
Conc: 434.70 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



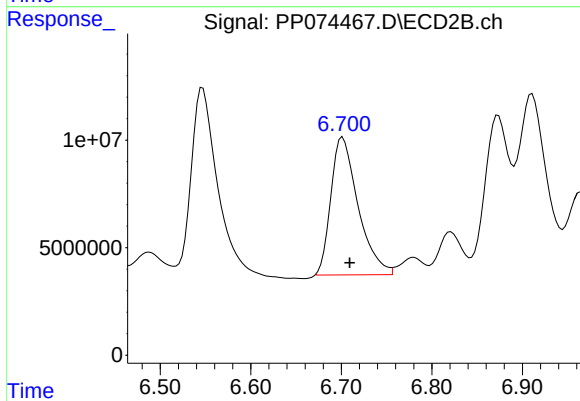
#31 AR-1260-1

R.T.: 6.547 min
Delta R.T.: -0.008 min
Response: 187436542
Conc: 464.00 ng/ml



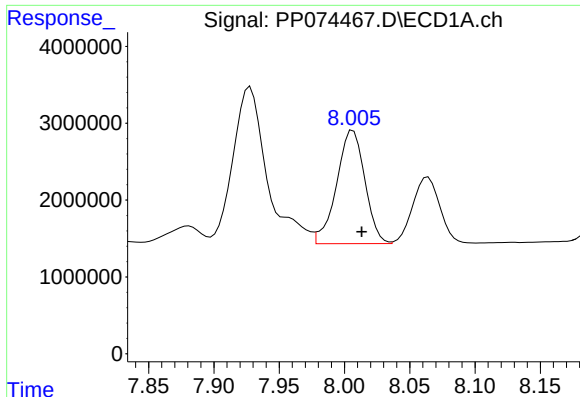
#32 AR-1260-2

R.T.: 7.649 min
Delta R.T.: -0.007 min
Response: 28275895
Conc: 414.89 ng/ml



#32 AR-1260-2

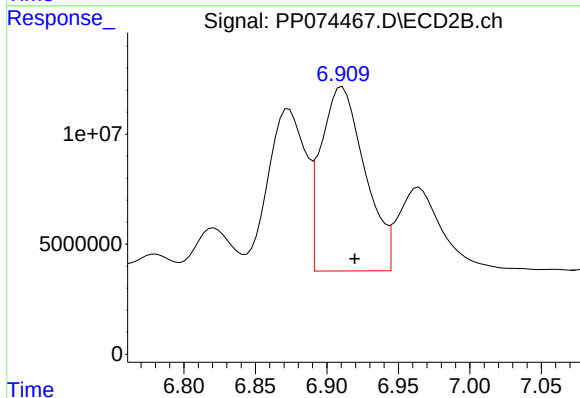
R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 133690308
Conc: 427.54 ng/ml



#33 AR-1260-3

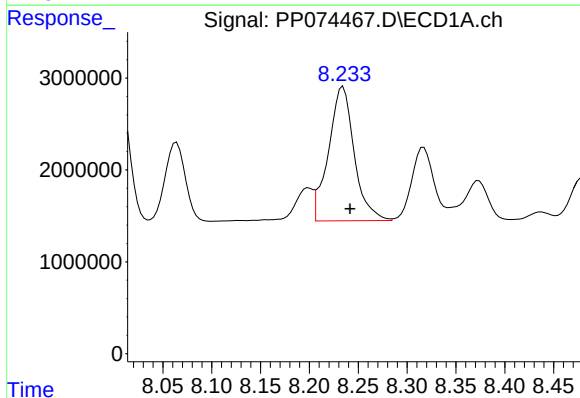
R.T.: 8.007 min
Delta R.T.: -0.007 min
Response: 22266815
Conc: 417.80 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



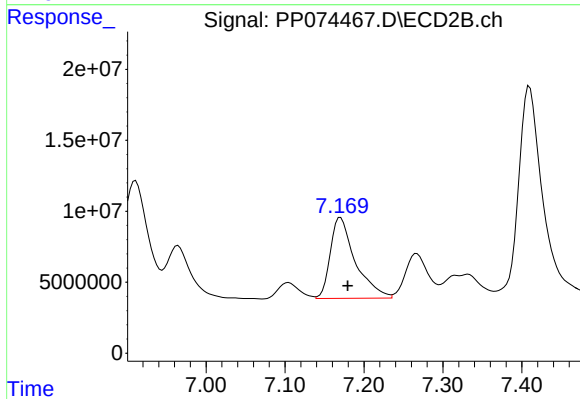
#33 AR-1260-3

R.T.: 6.911 min
Delta R.T.: -0.009 min
Response: 178642536
Conc: 453.27 ng/ml



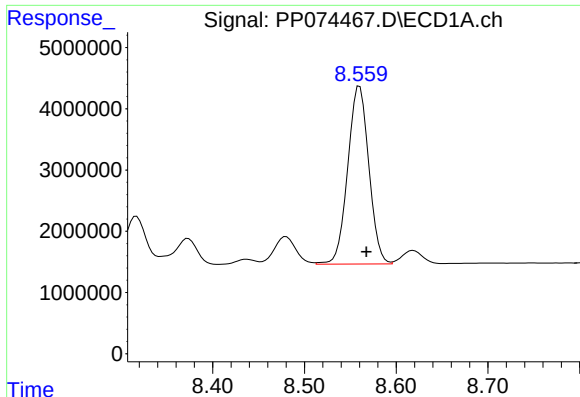
#34 AR-1260-4

R.T.: 8.235 min
Delta R.T.: -0.007 min
Response: 26756163
Conc: 427.31 ng/ml



#34 AR-1260-4

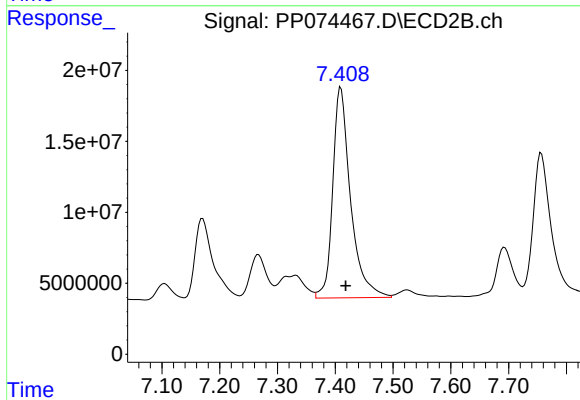
R.T.: 7.170 min
Delta R.T.: -0.009 min
Response: 125174887
Conc: 430.18 ng/ml



#35 AR-1260-5

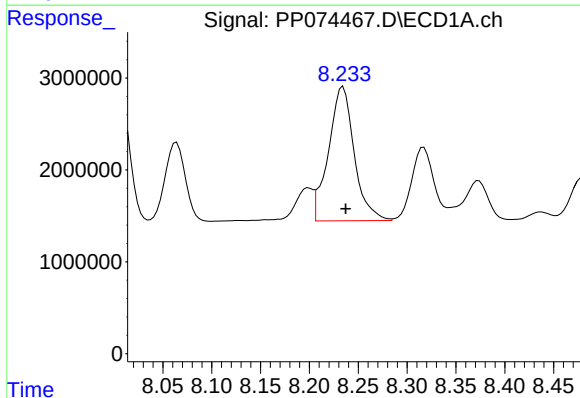
R.T.: 8.560 min
Delta R.T.: -0.007 min
Response: 46372300
Conc: 409.27 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



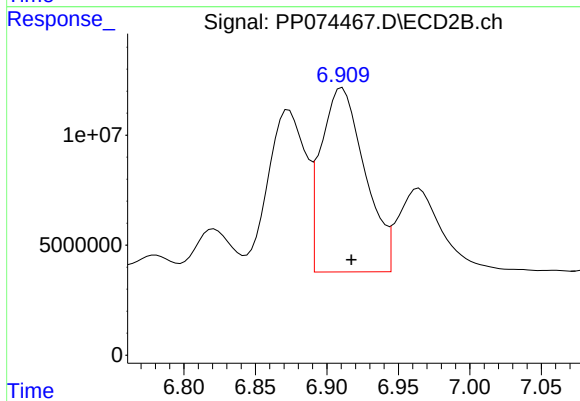
#35 AR-1260-5

R.T.: 7.410 min
Delta R.T.: -0.008 min
Response: 318473271
Conc: 420.48 ng/ml



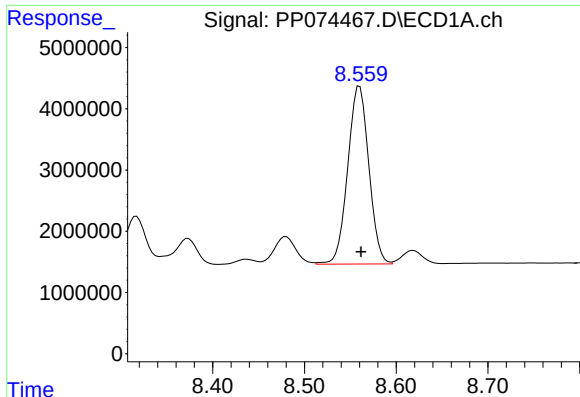
#36 AR-1262-1

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 26756163
Conc: 353.03 ng/ml



#36 AR-1262-1

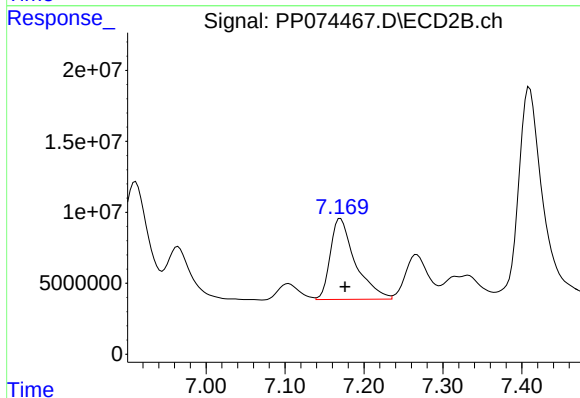
R.T.: 6.911 min
Delta R.T.: -0.006 min
Response: 178642536
Conc: 317.22 ng/ml



#37 AR-1262-2

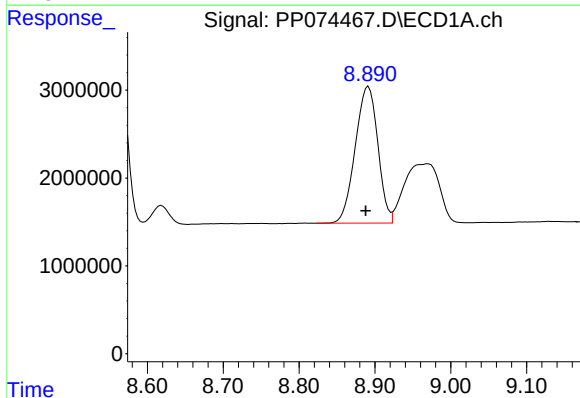
R.T.: 8.560 min
Delta R.T.: -0.002 min
Response: 46372300
Conc: 355.53 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



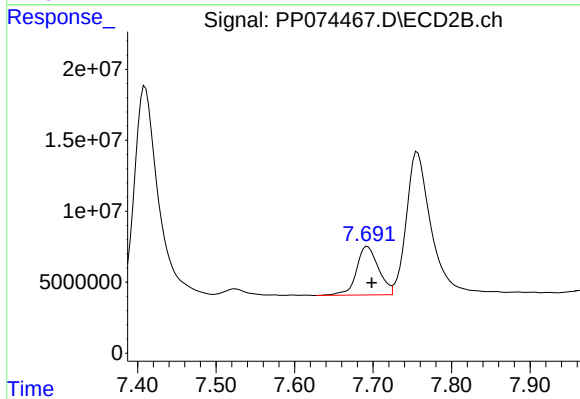
#37 AR-1262-2

R.T.: 7.170 min
Delta R.T.: -0.006 min
Response: 125174887
Conc: 312.14 ng/ml



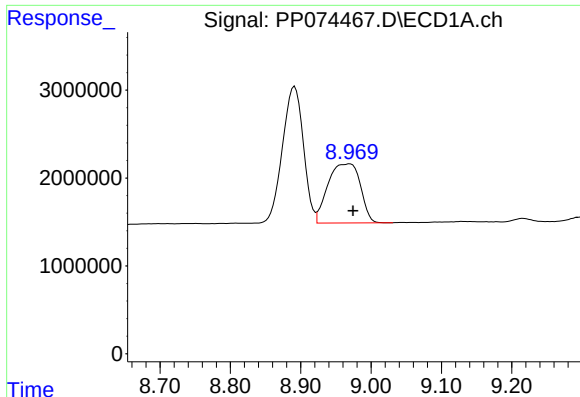
#38 AR-1262-3

R.T.: 8.892 min
Delta R.T.: 0.003 min
Response: 32150268
Conc: 341.77 ng/ml



#38 AR-1262-3

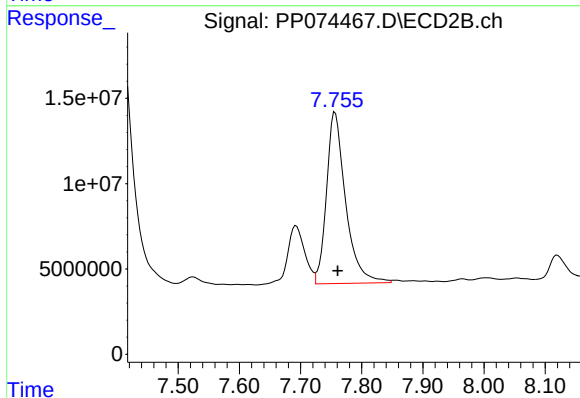
R.T.: 7.693 min
Delta R.T.: -0.006 min
Response: 66772245
Conc: 185.75 ng/ml



#39 AR-1262-4

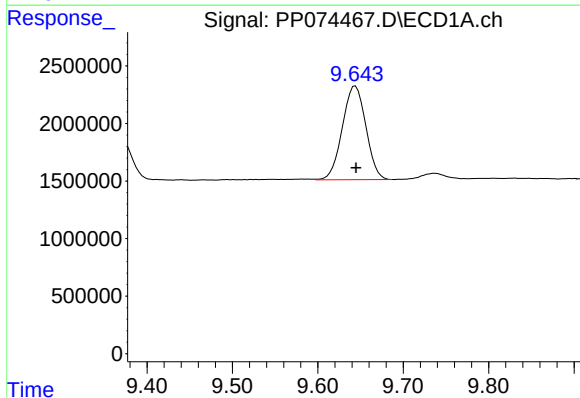
R.T.: 8.970 min
Delta R.T.: -0.004 min
Response: 21553066
Conc: 295.85 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



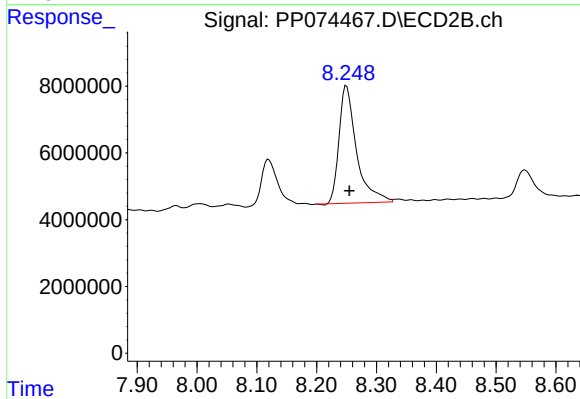
#39 AR-1262-4

R.T.: 7.756 min
Delta R.T.: -0.004 min
Response: 218641338
Conc: 327.84 ng/ml



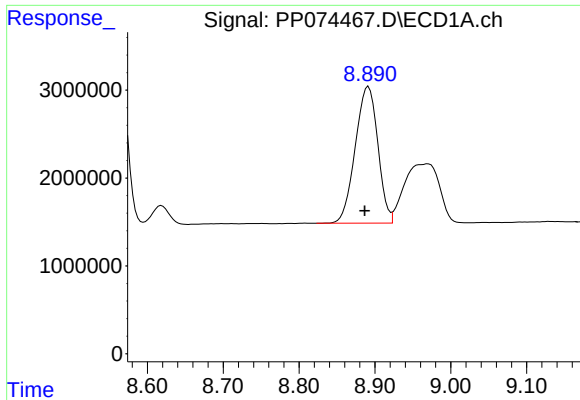
#40 AR-1262-5

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 15622855
Conc: 306.80 ng/ml



#40 AR-1262-5

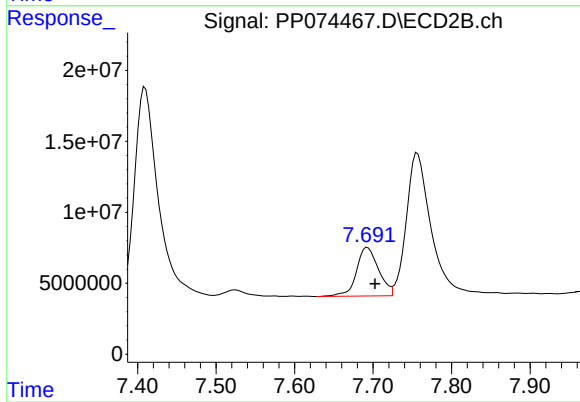
R.T.: 8.250 min
Delta R.T.: -0.005 min
Response: 71747311
Conc: 253.28 ng/ml



#41 AR-1268-1

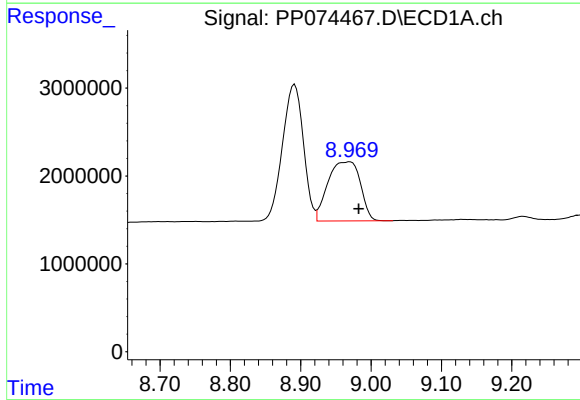
R.T.: 8.892 min
Delta R.T.: 0.005 min
Response: 32150268
Conc: 206.58 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



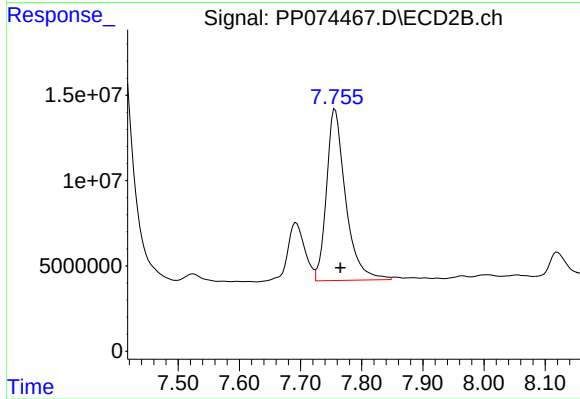
#41 AR-1268-1

R.T.: 7.693 min
Delta R.T.: -0.010 min
Response: 66772245
Conc: 61.24 ng/ml



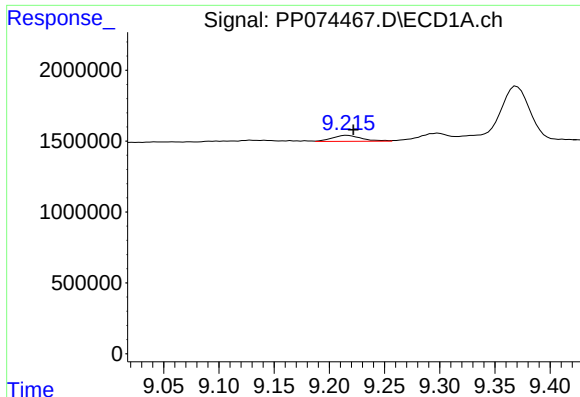
#42 AR-1268-2

R.T.: 8.970 min
Delta R.T.: -0.012 min
Response: 21553066
Conc: 150.27 ng/ml



#42 AR-1268-2

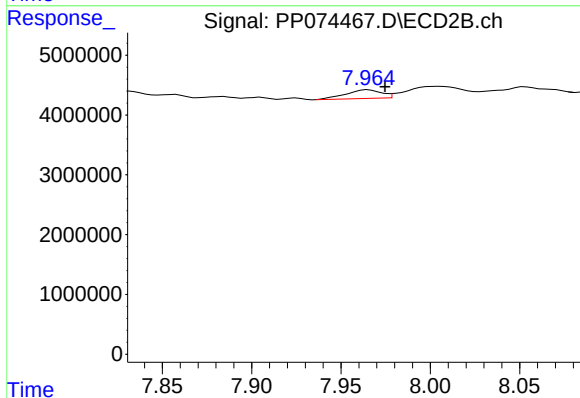
R.T.: 7.756 min
Delta R.T.: -0.009 min
Response: 218641338
Conc: 206.01 ng/ml



#43 AR-1268-3

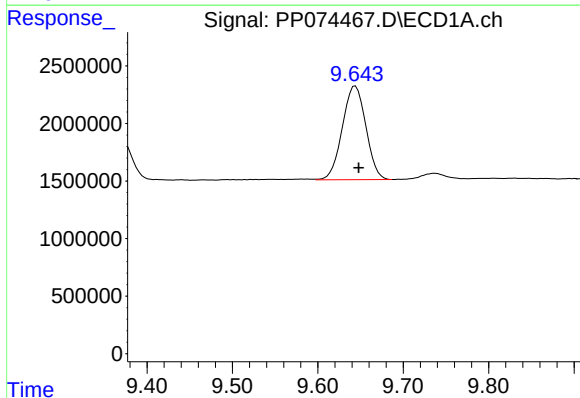
R.T.: 9.216 min
Delta R.T.: -0.005 min
Response: 789536
Conc: 6.61 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



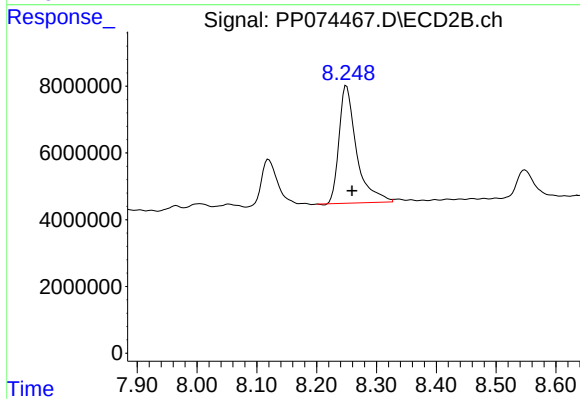
#43 AR-1268-3

R.T.: 7.965 min
Delta R.T.: -0.009 min
Response: 2002453
Conc: 2.41 ng/ml



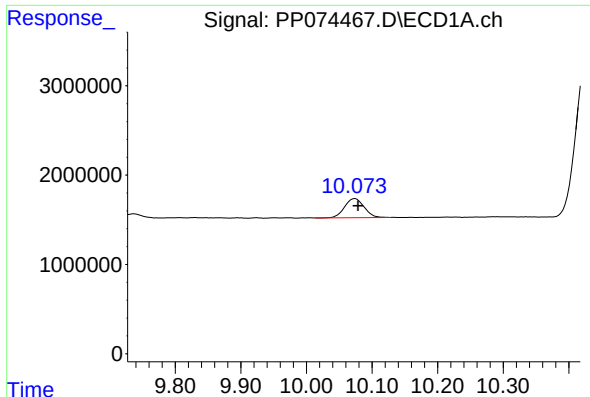
#44 AR-1268-4

R.T.: 9.644 min
Delta R.T.: -0.004 min
Response: 15622855
Conc: 265.64 ng/ml



#44 AR-1268-4

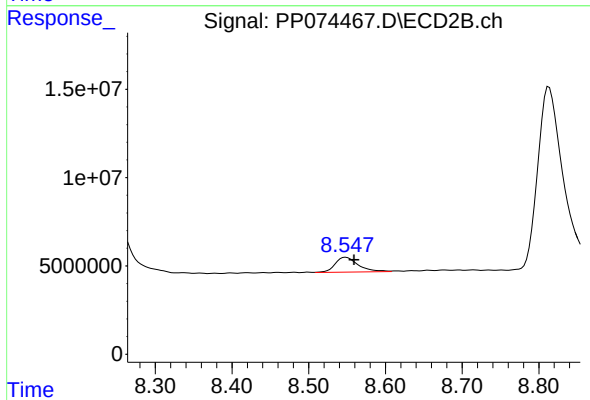
R.T.: 8.250 min
Delta R.T.: -0.009 min
Response: 71747311
Conc: 232.90 ng/ml



#45 AR-1268-5

R.T.: 10.074 min
Delta R.T.: -0.004 min
Response: 4454386
Conc: 12.67 ng/ml

Instrument :
ECD_P
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 8.548 min
Delta R.T.: -0.011 min
Response: 17803996
Conc: 6.98 ng/ml